HOUSE OF REPRESENTATIVES COMMONWEALTH OF PENNSYLVANIA

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House Bill 1219

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House Judiciary Committee
Task Force on DUI

Room 205 Capitol Annex Harrisburg, Pennsylvania

Friday, May 21, 1999 - 10:00 a.m.

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BEFORE:

Honorable Jane Orie, Majority Chairperson Honorable Albert Masland Honorable Babette Josephs

ALSO PRESENT:	
David Bloomer Majority Research Analyst	
Judy Sedesse Majority Administrative Ass	sistant

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Submitted testimony by:

Pearre Dean Area Cope Director Pennsylvania AFL-CIO

Darrel L. Longest Ignition Interlock CHAIRPERSON ORIE: Good morning. We're going
to start the hearings right now in regards to the
Pennsylvania House of Representatives Judiciary Committee's
Task Force on DUI. The hearings today deal with House Bill

5 | 1219 which deals with the ignition interlock.

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We're fortunate to have experts from across
the nation here to speak to us on what it has done in their
states. And since we have a pretty hefty agenda, I'm going
to start by introducing our first speaker; and that's Jane
Valenzia from the Maryland Motor Vehicle Administration.
Jane, could you please take the stand. You can begin.

MS. VALENZIA: Good morning. I was invited here to tell you what Maryland does with the ignition interlock program and how we do it. I'm sure you know that drinking and driving has been a major concern to all of us. And according to NHTSA, one in every — three out of every five Americans will be involved in an alcohol-related crash sometime in their lives.

The ignition interlock is one of the tools to be used in the fight against drunk driving. Briefly, an ignition interlock is a device that connects a motor vehicle's ignition system to a Breathalyzer that measures a driver's breath alcohol level and prevents the vehicle from starting if a driver's breath exceeds a certain level.

Having said that, let me also say that

ignition interlock is not a foolproof system for preventing drunk driving. It does not prevent a driver from operating a non-interlock equipped vehicle, and it does not prevent circumvention between monitoring.

However, with proper monitoring and a strong quality assurance program, ignition interlock is a useful tool that allows an individual to drive for treatment, work, and other necessary activities.

In 1997, Doctors Kenneth Beck, Elizabeth Baker and William Rauch conducted a randomized trial in Maryland. And I see Dr. Rauch is here today, and he'll give you a more detailed review of that. The results of that evaluation were extremely good news and helped strengthen Maryland's Ignition Interlock Program.

In January of 1989, the statute regarding an ignition interlock went into effect in Maryland. In September of '89, the first interlock device was approved for use. There are now four devices approved for use in Maryland. They are the Guardian, LifeSafer, Draeger and Sens-O-Lock.

Maryland Law and the Code of Maryland Rules and Regulations establishes the regulations for certification, installation, repair and removal of interlocks, and establishes eligibility requirements for the participants and minimum standards for service

providers under the ignition interlock systems.

In the past, Maryland had two separate Motor Vehicle Administration Divisions monitoring interlocks.

Dual responsibility for this program was inappropriate, as there was no consistency in monitoring the driver or the service provider.

Consequently, in early 1998, the Ignition
Interlock Program was established in the Motor Vehicle
Administration's Driver Safety Research Unit. Maryland's
comprehensive program includes the following elements:

Prompt review process for approval of applications from manufacturers. We formed an expert panel of representatives from the National Highway Traffic Safety Administration, interlock manufacturers, parole and probation, research and academia, the Maryland State Highway Administration, Office of Safety, and the Maryland Driver Safety Research Unit.

We instituted an appropriate quality assurance program. We're going to include an alcohol evaluation program that will detect the need for education and/or treatment as part of the program. We have developed appropriate sanctions to be used when failure on the part of the service provider or driver is detected.

And we've established a criteria for assisting indigent individuals. Maryland accomplished this by

requiring that the providers agreed to -- and I quote -
The providers must set aside 5 percent of the devices

currently rented to be rented at 50 percent of the current

rental fee to individuals who are currently receiving or

have received within the past year federal food stamps.

And we've instituted appropriate reporting and electronic

database.

Maryland's program embraces these essentials in its approach to managing our program. There are two general categories of efforts: Driver monitoring and vendor monitoring. Monitoring the drivers is carried out in the Motor Vehicle Driver Safety Research Unit.

Referrals are received from courts, law judges and the medical advisory board. And in some cases, drivers can accept a reduced suspension if they participate in the interlock program. In a few cases, drivers are monitored by parole and probation agents only as a part of their probation requirements and are not referred to Motor Vehicle Administration.

When referrals are received, we send the driver a letter explaining the requirements and requiring proof of installation from the service provider. They must also have a license issued showing that they have to have the interlock restriction when they operate any vehicle. If that proof isn't received, then the original sanctions

are imposed, which is a suspension or revocation of their driving privilege.

When a subject has had their -- the interlock installed, we require monitoring monthly. Although the interlocks approved for use in Maryland are shown to be accurate for greater than 60 days, we require the monthly monitoring for several reasons. For instance, we look at the number of starts and stops each month.

As I mentioned earlier, there's nothing to prevent a driver from operating a non-interlock equipped vehicle. By carefully monitoring the number of starts and stops, we're aware of the driver's driving patterns. And if the driver only has a few starts each month, he may be operating something else.

In those cases, we conduct an investigation.

And depending on the response of that investigation, we send a warning letter or invoke the original sanctions, which again may be a suspension or revocation.

Because with an interlock we're enforcing after the fact, if a driver has several high or borderline BACs or has attempted to bypass the device, it's important to know as soon as possible that the driver may be at risk and in noncompliance with program requirements.

Monthly monitoring of the driver may result in detection of violations such as alcohol use, circumvention

of the device, or failure to take a rolling retest. If the service provider detects any problems, they're required to call the office, fax a copy of the data logger report and then mail the original.

It is imperative that immediate action be taken if the driver is noncompliant. Drivers who complete the program in full compliance are sent a letter in issuance of a license without the interlock restriction.

Monthly monitoring and careful review of the data logger information provides us with the understanding of the driver and their acceptance of the program.

We have developed a software program, and information on over 2,000 current interlock participants is being entered into that program. When that's complete, we will be able to sort the information by driver, service provider, manufacturer, referral source, installation date, vehicle tag and title number, and how long the interlock is required. An electronic database is essential to analyze the collected data and also allows our team to be very efficient and cost effective.

In Maryland, after a device is approved for use, the manufacturer contracts with a service provider to install that device. The manufacturers of ignition interlocks are responsible for training the service provider and must certify that they have the ability to

service, install, monitor, calibrate and provide information on ignition interlock systems.

Knowledge of the devices we are certifying and monitoring is essential. To that end, the quality assurance team is formed. We have completed training as certified ignition interlock installers on three devices and have received certificates from the manufacturers.

Training on the fourth device is scheduled.

An important part of Maryland's program is the quality assurance program. How do we know that the manufacturers and service providers are performing their duties as agreed? We take care of this by conducting random, unannounced quality assurance visits.

The quality assurance team consists of five people, three who are certified automotive mechanics, one person who manages the day-to-day workings of the unit and me. To provide an efficient review of our vendors, a checkoff sheet was developed. This sheet contains appropriate components of the law, regulation and participation agreement.

When we go to an installation location, we make sure they're in compliance with facility requirements, equipment and required documentation. A quality assurance visit includes observation of a device being installed either in a client's car or, if necessary, we take a state

car and have a device installed in it.

Following observation of the installation, the vendor provides training on the use of the device, just as they would to a client. This includes taking the car out for a rolling retest and downloading the data logger information. We also observe removal of the device to make sure that the technician puts the car back into as near original condition as possible.

Following the on-site quality assurance visit, the vendor is given a copy of the checklist and all findings are discussed. We have vendors who have been in business in Maryland for several years and some vendors who have just recently been approved. In both cases, we have found conditions that need remedies. These problems range from minor adjustments to the data logger to problems with the anti-circumvention features.

I do have the authority to shut down a service center or prohibit the distribution of a device from the state until the manufacturer and/or service provider is in full compliance. My experience, however, has been that the manufacturers and service providers want to do a good job and really go out of their way to comply with our requirements.

That's just a brief story on Maryland's program. And I've included an information packet that

gives a copy of the Maryland Law, participation agreement,
sample letters, and other information. I did not include a
copy of Maryland regulation.

They have been rewritten. They're being reviewed now. They haven't been approved. They should be done early this summer. If you'd like a copy, I'll send it to you soon.

CHAIRPERSON ORIE: That would be great. And at this time, I'm going to have the members of the Task Force introduce themselves for the record. I'm Chairman of the DUI Task Force. I'm State Representative Jane Orie from Allegheny County.

REPRESENTATIVE MASLAND: I'm Representative Al Masland. I represent Western Cumberland County and Northern York County.

CHAIRPERSON ORIE: And we have also with us -MR. BLOOMER: My name is David Bloomer. I'm a
Research Analyst for the Committee.

REPRESENTATIVE MASLAND: I hesitate to ask too many questions since I came in in the middle of your testimony. I will read over the rest of the testimony, though. And I appreciate the amount of information you've gone to the trouble to compile for us.

This will certainly -- certainly be helpful.

I didn't check before I came here. But out of curiosity,

14 since there are a number of DUI issues in addition to 2 interlock, which I think it would be very helpful, what is the blood alcohol level in Maryland, the per se level? it .08 now? 4 5 MS. VALENZIA: Yeah. .08, .10. We set our 6 interlock devices at .025. 7 REPRESENTATIVE MASLAND: So you have three levels? You have a .08, and is that driving while 8 9 impaired; and then a .10, driving under the influence; 10 and --MS. VALENZIA: We have impaired and 11 intoxicated. 12 Impaired to 13 REPRESENTATIVE MASLAND: 14 intoxicated? 15 MS. VALENZIA: Yes, sir. 16 REPRESENTATIVE MASLAND: Okay. I might as 17 well ask this, too. I forget. Do you have administrative 18 license suspension in Maryland also? 19 MS. VALENZIA: Yes, sir. 20 REPRESENTATIVE MASLAND: We would have to try 21

and effect it. Then all we have to do is pass these three, and we'll be just like you. And maybe that will help our roads, too -
MS. VALENZIA: It was a pleasant trip up here

25 | today.

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1	REPRESENTATIVE MASLAND: in many ways.
2	Thank you.
3	CHAIRPERSON ORIE: I have a question. When
4	you say yours is set at .25, how is that number how was
5	that calibration set, .25?
6	MS. VALENZIA: On each individual device
7	individual device is set to .025. So if an individual
8	blows and they get a .01, it will let them start the car
9	and drive. If it's .025, it's a violation's reported.
10	CHAIRPERSON ORIE: And I guess one of the
11	concerns has been assisting indigent individuals here in
12	Pennsylvania as well. Where do the costs fall? You've
13	explained to us that you have something in place for the
14	indigents.
15	What happens in regards to who pays for the
16	interlock other than in situations not involved
17	involving indigence?
18	MS. VALENZIA: The individual pays. The
19	indigent
20	AUDIENCE MEMBER: Can you excuse me for just a
21	second, please? Could you turn her mike on?
22	(Discussion off the record.)
23	CHAIRPERSON ORIE: I have no further
24	questions.
25	PRDPRSENTATIVE MASIAND: Just a couple of

	16
1	questions, technical questions on the way the interlock
2	system works. Based on my familiarity with how we did it
3	in Cumberland County when I was an Assistant DA, the device
4	that you put in the unit or in the car requires the
5	individual to blow in periodically; is that not correct?
6	MS. VALENZIA: Yes, sir.
7	REPRESENTATIVE MASLAND: Every 30 minutes or
8	every 40 minutes?
9	MS. VALENZIA: Randomly. We require a random
10	rolling retest.
11	REPRESENTATIVE MASLAND: So they can't as
12	you worry about drive a car to a bar, leave the engine
13	on, go inside and come out? Or for that matter, if they
14	have to drive all the way down to Florida, they're going to
15	have to pull over every now and then?
16	MS. VALENZIA: They don't have to pull over.
17	They can do just the rolling retest as they're driving.
18	Yeah, they don't have to pull over.
19	REPRESENTATIVE MASLAND: That's randomly done?
20	MS. VALENZIA: And we carefully monitor those,
21	the dialogue or report to ensure that the rolling retests
22	are being done. That's an important element in the
23	program.
24	REPRESENTATIVE MASLAND: Sure. Thank you.

25

That's all I have.

1	17 CHAIRPERSON ORIE: I just have one more. When
2	is the when is the license license changed, at the
3	point they plead guilty, at the point they're arrested?
4	How does the Department of Transportation coordinate that
5	with the court systems?
6	MS. VALENZIA: It really depends on the
7	circumstances. If it's an administrative hearing if
8	it's administrative per se, they have an administrative
9	hearing. At the administrative hearing, they can be
10	required to have the interlock.
11	At the court level, if they go to court and
12	the judge says ignition interlock, then they can take the
13	judge's referral and go have an interlock installed.
14	There's really not a cut and dry answer on that.
15	CHAIRPERSON ORIE: I guess what I'm trying to
16	say, is there a window of opportunity that these
17	individuals could be driving without the interlock on their
18	vehicle?
19	MS. VALENZIA: After it's been ordered?
20	CHAIRPERSON ORIE: Yes.
21	MS. VALENZIA: There's that possibility, yes.
22	We tell them not to. Once it's ordered and it goes on
23	their record, they're operating in violation of the
24	restriction.

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REPRESENTATIVE MASLAND: I hate to -- is this

18 redirect? 1 2 CHAIRPERSON ORIE: Yes, it's re-redirect. 3 REPRESENTATIVE MASLAND: Re-, re-, re-. So it works in conjunction with the administrative suspension as 4 5 well? 6 MS. VALENZIA: Yes, sir. 7 REPRESENTATIVE MASLAND: So you could have a person on the interlock system during the administrative 8 9 suspension or maybe not? Is that --10 MS. VALENZIA: That's correct. 11 REPRESENTATIVE MASLAND: -- up to the -- okay. MS. VALENZIA: Yeah. Some of them are 12 suspended for like 30 days or 45 days and pending an 13 installation of the interlock and then the interlock for 14 15 nine months. REPRESENTATIVE MASLAND: Okay. Thank you. 16 CHAIRPERSON ORIE: Thank you very much. The 17 18 next speaker is the Honorable Richard Culver, Superior Court Judge from Indiana, the State of Indiana. Welcome. 19 JUDGE CULVER: Hello. I'm Rick Culver. 20 21 the Judge of Hancock Superior Court No. 2. I'm located 22 just east of Indianapolis off I-70. By local rule, my court handles all DUI cases in the county. 23 I'd like to thank you for the opportunity to 24

discuss a few issues that I believe are very important

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between the Legislature and the Judiciary, and those are
communication and cooperation to improve our judicial
system.

I, along with my fellow judges across the country, want to be fair as well as effective on the bench. Unfortunately, we are all too accustomed to the revolving door on the courthouse. We consistently see the same people making the same mistake with their lives.

This high rate of recidivism, especially on alcohol cases, causes the public to question if in fact we accomplish anything when we impose a sentence. The recidivism rate on alcohol cases is a complicated issue. And to a great extent, it's a function of the problems in dealing with addicted persons.

Over the years, judges have learned that addicted individuals will continue to abuse alcohol despite its negative consequences. Some will drink and drive despite the fact they have to pay a fine. Some will drink and drive despite the fact that they spent a weekend in jail. Some will drink and drive despite the fact that I have suspended their license. Some will even drink and drive while their license are suspended.

Judges need the freedom and the authority from the Legislature to fashion fair as well as effective sanctions. The Legislature can best assist the Judiciary

by providing us with a broad range of effective sanctions
from which we are free to choose. Short-term jail
sentences, fines, court costs and license suspension all
play an important role from the DWI criminal justice
system.

Unfortunately, these sanctions have their limits when judges lack the authority to go beyond these traditional penalties. These traditional measures are more effective when used in combination with alcohol and other drug assessments, treatment, counseling, electronic home detention, drug and alcohol testing, as well as ignition interlocks.

Over the last seven to eight years, I have found the interlock to be an extremely effective sentencing tool. When the interlock is imposed as part of the DUI sentence, it drives home the very essence of my message.

Alcohol and vehicles do not mix.

This message is consistently reaffirmed to the offender, sometimes over 700 to 1,000 times a year. Each time they try to start their car, they have to take a breath test. They have to be alcohol-free or their car won't start. Multiple breath tests in the vehicle not only promote behavior modification of the individual, but it also starts to change the public's perception that a DUI is treated as nothing more than just an expensive traffic

ticket.

These consequences are real, and they are effective. In addition, interlock records the attempted breath test which can be printed and then forwarded to the probation department. I have found this additional information to be an effective post-sentencing probation monitoring device.

Those individuals who are unable to obtain it are referred to more intensive counseling or treatment to make sure that we don't have a tragedy. This is not to say that interlocks are not without their limitations. Some addictions are so severe that the offender is re-arrested after sentencing but before I can get the device installed on their vehicle.

This, however, is really more of a problem with trying to deal with the reduction of the delays in executing my court orders than actually a problem with the interlock itself. Once the interlock has been installed, we've had tremendous success.

I've imposed approximately 2,000 interlock sentences. Once installed, only four offenders had been re-arrested within the first year for DUI. The first individual used two sets of car keys, which a member of the panel referred to on the old devices before we started the rolling retest.

There was the possibility that an offender

could start his car stone-cold sober, make sure you have

enough gas in your gas tank, drive to a bar, take two sets

of car keys, leave your car running, lock it, pocket the

other set of car keys, go in, drink, theoretically come

back out intoxicated, open it up and drive away drunk.

I had a person do that, and it's probably been six or seven years ago that that happened. He was caught, and he was caught by a responsible bar patron. People like the individual who did this are the ones that give the alcohol industry and social drinkers a bad reputation. And the social drinker who was going to the bar felt the same way. And he said that's outrageous. He called the police, and the person was arrested.

The second individual used a rental car. And I can't -- and I won't name the name of the rental car company, but it was a large reputable firm. Clearly on his license, he's restricted to an interlock use. Clearly on his driving record is restricted DWI conviction, and he was able to get a rental car.

The third individual created a mechanical bypass to simply bypass the system, which was discovered because we require tampering checks. And the installers police that for us.

The fourth individual was caught, and she

simply refused to explain how she started the car. She ended up doing her time in jail and didn't feel that she had any incentive to tell us what she did. So we don't know if that individual bypassed it, if the device failed to function or how that happened.

But only four failures that I've been able to document. All four of these cases I viewed as a judicial learning experience. These were not simply good people suffering from an alcohol problem or poor judgment. These were problematic people intentionally violating court orders.

when these cases are heard, the court has proved that that person is no longer appropriate for probation. Also, I lack the resources to track the long-term effects of the interlock in terms of running driving records on all the people who had the interlock five, six, seven years ago. So I can't give you any statistics as to what it does long term from my own perspective.

However, I can give you my perceptions from my court; and that is, very few of these people come back even after the interlock has been removed. The few that have come back, when they come in and they ask for our second offender program, you say this is what happens on second offenders in your county. I say no. The last time we went

through this, you had the alcohol assessment, you had the interlock. And if you've taken 700 to 1,000 breath tests in your car and you still can't have that message driven home that alcohol and vehicles don't mix, we need to do something more substantial in your case because you're a greater problem for us.

The problems that we have with the interlock

-- the interlock is great if you really have faith in

humanity like I do. There are a lot of people out there,

hard working people that have spouses, that have children,

that have jobs; but they have alcohol problems.

and I view my job on the bench is to be fair and effective and help these people. And on those people, the interlock is a tremendous sentencing tool. Now, that's not going to say that there is not a small minute percentage of the population that are very problematic people. There are people that will scream and connive to do things, and whether it's cheat on your income taxes or try to evade a court order, personally try things.

On the very first equipment that I started using seven years ago, there was a reference to the balloon trick. Allegedly -- I never saw this happen. But this was sort of the information in the literature and taught among defense lawyers at the time that, well, what clients will do is they'll simply blow up a balloon with fresh

alcohol-free airtight in a knot and then fill up their back
seat with a bunch of these balloons. They can go drinking.

And then when you need to, you untie the balloon, and you
sort of squeeze the air into the breath test to start the

car.

It makes for great stories. But I don't know how many people in the audience have little children. I have a 6-year-old and a 9-year-old. And at birthday parties, blowing up a balloon itself and tying the knot is difficult. To untie that knot stone-cold sober is difficult.

I just cannot imagine that this was ever really an effective way to try to evade the interlock by being intoxicated and being able to until that little rubber knot in the balloon. But that was an issue. And again, it's no longer effective because the technology has changed. So what they have now is a breath code sequence, and you sort of hum into the devices.

And it's like a kazoo, I guess would be the best analogy that I could come up with. So even if you have the manual dexterity to until the knot in the balloon, you'd have to be able to have the appropriate rhythm to kind of play this little tune with the balloon into the breath machine. And so I don't think it ever worked, and certainly it does not work now.

Another issue that's consistently raised is 1 2 I'm of the opinion that our system -- and I'm the cost. 3 sure as well as criminal justice in Pennsylvania -- does everything they can to be fair and effective in terms of criminal justice. Most of those things that you do, most of those things that I do cost the taxpayers money.

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My program, I try to sell it on the idea that if you have a problem, you are responsible for the consequences of your own action. I want you to pay for your own interlock device. The cost is an issue that is consistently raised, that is consistently raised with insurance.

In Indiana, we have a rule. If you're convicted of DUI, our legislature requires that you have a certain type of high risk insurance that costs more than the insurance that I have on my family vehicle to make sure that this segment of the population that has exhibited a propensity to drink and drive will have the best possible insurance and make sure that we have certain minimum limits.

The legislature sent a message. If you can't afford to have this type insurance, we can't afford to let you drive. I tell the people the same thing on my DUI cases. If you can't afford to have that interlock on your car after all these problems you've caused with drinking

and driving, then you can't afford to drive in the first place.

The other issue -- this is my first time to your city so I really didn't get a chance to tour it to see what type of downtown area you have. I don't know if there's an issue of homelessness and street people in your city. We do have that in certain large cities in Indiana as well as other places.

But those -- that's really not the DUI
population. I mean, those people may be in and out of the
courts for drug addictions or for mental health problems or
for public intoxication. But they, by their very nature,
lack the resources to be out there drinking and driving in
a couple of thousand pound piece of steel that costs
thousands of dollars in the first place. Drinking and
driving is a crime committed by people who can afford
vehicles.

The other way I handled the issue of cost is I will, in cases where I think it is a legitimate issue, order my interlock provider to put them on a pauper status. And they will actually carry that person at a loss. And I have -- I've not had any objections.

And I think if your judges want to do the same type thing, you'll get the same support from the interlock industry and take a certain percentage of those cases at a

pauper rate. And certainly, I've never let an offender who does have a job use the excuse that he's got too many credit card bills or he's not good at managing his money.

Two dollars a day is a very, very cost effective protection for society when you weigh that against potential damages.

The other issue that I've come across is the discussion of, Well, isn't it real easy just to have somebody else blow into the device for you? To a certain extent, the breath code sequence gives us some protection from that because, again, you have to be able to, while you're intoxicated, try to teach somebody else this breath code sequence in terms of how to start your car.

But the other thing is this goes back to my very earlier point about having faith in people. My experience has been that it just doesn't happen. Of the problems we've had, other than the one lady -- and that may have happened in her case because she didn't explain how she did it. -- we don't have people arrested for driving while intoxicated with the interlock in their car.

Common sense would tell you that if you're sober and your friend is intoxicated and your friend says, Hey, I'm too drunk. I can't start my car. Will you blow in this so I can drive home? Say no, give me the keys. I'll drive it. You're not going to do that. And we have not had a problem with it.

The other issue is a family car. A couple of issues in there. One is the family who only has one vehicle and the innocent spouse complains that this is not fair. It's my spouse who's broken the law and caused these problems. I do sympathize for those people.

There's consequences to everything we do in life including consequences to who we marry and the life-style that they lead. And if you're married to a spouse who's going to drink and drive or commit crimes, they're going to end up in jail.

And that loss of love, support, companionship, loss of income while that person is in jail, that's a lot more intrusive and damaging to the relationship than if I make them put an interlock on the family car. The other issue on family cars is today's society, you know, we've got -- we've got the economy really putting -- a lot of people are at work, husband and wife.

So you'll find a situation where, within the offender's family, both spouses have a vehicle. And sometimes there's even a third car for the teenage driver. If one of those family members makes a mistake, I don't then go overboard and say, You have to put three interlocks in there and cover all the vehicles.

What I will do is simply designate the offender vehicle and say, Which one is your car? What are

you going to drive? You have to put the interlock on
there. Your spouse, your adult children, they can drive
the other cars. They can even drive your interlock car,
but you cannot drive their non-interlock cars.

Again, overall, these interlock cases that

I've had, I have not yet had a single person arrested for

DUI in my county driving their spouse's non-interlock car.

I mean, I think it goes back to my earlier point of having

faith in human nature and that there are a lot of good

people out there.

These people are dealing with that problem.

This is much a family problem, sometimes more so than it is a legal problem. They have been dealing with a spouse who drinks too much, drinks at inappropriate times. And they are very supportive of the fact that the court makes that spouse get treatment.

The court does not want that person drinking and driving. And my experience has been that they simply don't allow it. They don't hand the spouse the car keys and say, Take mine, you're drunk. And so we've not had that type product.

I've taken up a lot of your time. And thanks for the opportunity. I'm willing to answer any questions that you have.

CHAIRPERSON ORIE: I quess one of the

questions I have is in regards to the delay in executing
your order. What has been done in Maryland to correct
that? Or what do you suggest in Pennsylvania so we can -so we can, you know, address it head-on versus having it
happen here?

JUDGE CULVER: Yeah. The -- because I had those problems of some people being arrested after I ordered it but before they got there, I started looking at the issue. And a typical first offender, in Indiana we have an administrative license suspension that takes effect and runs up to six months or until they come to court and resolve their case.

When they resolve their case, they can have their license suspended for 30 days and then get the restricted license that allows driving to and from work. And so what we tried to do is make sure that we never schedule these appointments to install it out past the 30 days.

Now, you still have that theoretical problem that people will drive when their license is suspended and they will drink and drive when their license are suspended. And so what we started to do was offer an incentive. If the person comes in at the date of their guilty plea and has the interlock already installed -- I didn't mention in my earlier options of what we do. We also do community

service as a condition of probation, that they do community service ranging from 20 to 80 hours.

And very often what we'll do is the incentive is if you come into court at the time that you plead guilty and take your sentence and your rules — if you show us you already have the interlock on, then we reduce the amount of community service you have to do.

And that's been an incentive for lawyers then to tell their client go do these things before you talk to the judge. And it's helped us cut down on that delay.

CHAIRPERSON ORIE: And my next was, when you had indicated the four individuals at least over those 2,000 interlocks that had been installed --

JUDGE CULVER: Right.

CHAIRPERSON ORIE: -- when they -- as a condition of parole, is that put -- placed back on them in regards to when they're released from this kind of sentence to have this interlock on?

JUDGE CULVER: I could have -- I think, though, on every one of those cases they did their time.

And, you know, once they do their time, they get a fresh start and I lose jurisdiction. I couldn't continue to impose restrictions on their life.

Theoretically, I could have, if they were not outrageous cases, given them some type lesser penalty of

maybe 30 days in jail and referred back and then put the interlock on. And I have had cases that I do things like that because with our home detection, particularly on multiple offenders, they'll be on electronic monitor home detention.

And I said there were four people arrested for DUI. That doesn't mean all 2,000 cases that the day I talked to them they stopped drinking for the rest of their life. Very often they're drinking at home while on home detention. Our community corrections officers will find them.

There may be some penalty based upon that for relapsing and drinking while you're on probation. But then after some short-term penalty, then we go back and say, Now you're back to interlock status and you're back to counseling. But on all four of those cases, the conduct was so, I felt, outrageous that I did not put them back on probation.

CHAIRPERSON ORIE: And my last question deals with our American Civil Liberties Union. Larry Frankel had submitted testimony that indicated his concerns with the protections against self-incrimination with the data that's provided to the courts.

Have there been any challenges along those lines or any problems in your state with that issue?

JUDGE CULVER: It has not been raised in that 1 form in our state. For the most part, our state has been 2 3 what we call a testimonial state, that we would have 4 protection against requiring a person to testify against themselves in a testimonial fashion.

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But we don't consider it self-incrimination in terms of blood tests, breath tests, fingerprints or anything like that. And so it hasn't been raised. I think our supreme court would back me. Cross my fingers.

CHAIRPERSON ORIE: Okay. And Al.

REPRESENTATIVE MASLAND: Just a couple of questions. Obviously, you used the interlock device prominently for first-time offenders. And you said basically if somebody has the interlock, blows and comes back a second time, you don't use it at all? Or do you ever use it in those circumstances?

JUDGE CULVER: It started the other way When I first looked at the interlock device, it was on multiple offenders only. And when I first started the program, I used that on the cases that I sort of put my hard core label on it or cases that had certain red flags that says, Hey, this person has all the characteristics of being a repeat problem case.

And after I started doing that, I started getting this feel that my hard core cases, my multiple offenders or my first offenders that had outrageously high tests, they were now, once the interlock was on, being re-arrested less frequently to none at all as opposed to some of my first offenders who would get re-arrested, say, six months or nine months after they went to sentencing.

And so over the years, I've made the -basically a general rule now that even on first offenders
we use it. So the general rule in my court is if you're
convicted of a DUI, an interlock will be a part of that
sentence.

When I look down through my menu of options from jail, home detention, treatment, counseling and I put this blend together of what's the best sentence for this individual, I always start with the premise that the interlock is one of my most effective ways to do it.

Now, from there, some cases do not end up with it. I actually had a person who, once was home, was denied the vehicle. He stole the vehicle while he was drunk. You know, certain just unusual cases like that we don't do it on.

You get some real problematic people who might want to come into court and say this is just an alcohol problem and you should get me a probation. When I look at their record and, you know, they've got drug dealing convictions and crimes of violence and a lot of other

things, and I then have to make that tough judgment call that says you're just not appropriate for probation. You have to be sentenced to jail.

If I give them the maximum penalty and take them off the street, then I don't use the interlock.

REPRESENTATIVE MASLAND: It sounds like you have a great deal of flexibility under the Indiana statutes as to when you do or do not use interlocks. So you can use it on a first offense, second or third, however you want to set up the sentence?

JUDGE CULVER: Correct.

REPRESENTATIVE MASLAND: Do you also have mandatory prison sentences for first, second and third offenses?

JUDGE CULVER: We do not have an absolute mandatory prison sentence on first offenders with the exception that we have a chart at all county jails that has minimum numbers of hours before you can bond out for safety and liability reasons.

So if you're arrested for DUI and you test
.25, there's a bond schedule that says you pay X number of
dollars and you're free pending your court appearance. But
the sheriff cannot let you out until on this chart it says
you're going to be alcohol-free. Then he can let you go.

So a first offender, you know, it's typically

1 going to be a number of hours as opposed to a number of

2 days. Second offense requires five days in jail. We have

a rule that a second offense within five years is a felony.

And so by reason of possible other offenses, prior

5 | felonies, within a certain time period, they may be

6 | non-suspendable and they may have to do six months in jail.

And so actually, a third offense DUI, if your second was a felony and your third was a felony and they happened close enough together, you may be looking at six months in jail. We had a good time statute in Indiana that says if I give you six months, you're out in 90 days. You get two for one.

REPRESENTATIVE MASLAND: You had spoken about the need for -- needs for legislators to give you a broad range of effective sanctions. And since I asked earlier, do you have -- asked of Maryland, the woman from Maryland -- do you have different levels of degrees of intoxication in the Indiana statute, like .08 impaired, .10 intoxicated, something along those lines?

JUDGE CULVER: We have -- the per se offense is .10, and then there's a separate offense for driving while intoxicated that depends upon proof. And if the officer can prove driving while intoxicated, even at less than .10, based upon driving or a combination of some alcohol and other drugs, you could still make the

intoxicated count even if you don't get the per se.

But our per se level in Indiana is .10. There was an effort to go to .08 and failed.

REPRESENTATIVE MASLAND: Thank you.

CHAIRPERSON ORIE: Thank you very much. Our next testifier is Scott Bradley, a Deputy District Attorney in Allegheny County. He's here to testify on behalf of Stephen Zappala, District Attorney in Allegheny County.

MR. BRADLEY: Good morning.

CHAIRPERSON ORIE: If you could wait for a second.

MR. BRADLEY: Sure.

(Discussion off the record.)

MR. BRADLEY: Initially, I would like to convey Mr. Zappala's words of regrets. He had hoped to be here to testify in this most important matter; however, other concerns of being the District Attorney of Allegheny County prevented his appearance here this morning.

You've already heard or will hear about the science and technology of the ignition interlock device and the success of the ignition interlock program in other jurisdictions. I would like to take a few moments to discuss the context into which an ignition interlock program, if passed, would be introduced here in Pennsylvania.

At the outset, however, I want to indicate that the focus will be on two reasons as the basis for the support from the Allegheny County Office of the District Attorney for an ignition interlock program. The reasons are two: One, the extent of the DUI problem in Allegheny County; and two, the program's ability to impact the Commonwealth-wide problem of the recidivist drunk driver.

While drunk driving is certainly a problem both nationwide and throughout this Commonwealth, driving under the influence remains a particularly troublesome problem in Allegheny County. Recent statistics show that approximately 11 percent of all incidents of DUI reported in Pennsylvania occur in Allegheny County.

This is over 4,000 of almost 36,500 cases in 1997. To give this number some significance, Philadelphia County comes in at second at 7 percent, and Montgomery County is third at just under 6 percent. The numbers for DUI arrests in Pennsylvania tell the same story. Allegheny County is first with about 11 percent of all DUI arrests occurring in the Commonwealth, with Philadelphia again second at 6.8 percent and Montgomery County third at 5.8 percent.

Even controlled for population, Allegheny
County ranks among the highest in the state for rates of
DUI offenses per 100,000 population. Lastly, in talking

with the prosecutors who handle DUI cases on a daily basis
in Allegheny County and in talking with the overall case
law management in our county, it's estimated about 22
percent of our work load consists of DUI cases. So it's a
substantial problem, and it has been for a number of years
in Allegheny County.

Nevertheless, the preceding numbers, notwithstanding the recent history of DUI enforcement both in this country and in this Commonwealth, must be viewed generally as a success. Through tougher legislation, more aggressive prosecution and education initiatives, we have addressed the issue of drunk driving and taken significant steps toward making our streets and highways safer.

Indeed, a recent National Highway Traffic
Safety Administration study found that the proportion of
traffic deaths resulting from alcohol use in the United
States has decreased since states began cracking down on
drunken driving in the early 1980s.

According to the study, between 1982 and 1997, traffic deaths attributable to alcohol use declined from 57 percent of the total to 39 percent. During that span of time, the proportion of drivers subject to a .10 percent blood alcohol drunken driving limit increased from 32 percent to 98 percent.

And during that same time period, the numbers

1 of population subject to a .08 percent blood alcohol limit

2 has increased from zero in 1982 to 28 percent in 1997.

This study also found that during 1982 and 1997, the

4 population covered by license revocation laws had increased

5 | from 6 percent to 78 percent.

These numbers demonstrate that over the last two decades, we have been able to reach a significant portion of the population through a variety of DUI initiatives and impress upon them the considerable dangers of drinking and driving.

However, there remains one substantial concern that the increased efforts that have been mentioned have been unable to address or impact in a meaningful way the hard core recidivist drunk driver. Although great strides have been taken in the past two decades, drinking and driving still remains a significant and dangerous threat to the safety and welfare of each individual in our nation and here in the Commonwealth of Pennsylvania.

According to Mothers Against Drunk Driving, traffic crashes are the number one cause of death for every age from 5 to 27; and almost half of these crashes are alcohol-related. Proportionally consistent with the national average, 575 people died in alcohol-related crashes in 1997, representing 39 percent of the total

I was just talking with Representative Orie
this morning. And recent studies have indicated that
Pennsylvania's actually up over the last year. So again,
strides have been made, but it still remains a critical

5 issue here in Pennsylvania.

The good news is that through aggressive public awareness campaigns, increased penalties, better drunk driving laws and changing attitudes, alcohol-related fatalities have decreased since 1987. The bad news is that the hard core drunk driver remains unresponsive to these tougher penalties and other efforts.

Statistics show that nearly 50 percent of first time drunk driving offenders are subsequently convicted of a second drunk driving offense. Nearly 80 percent of second offenders become multiple offenders.

The persistent drinking driver and repeat DUI offender have become the primary concern of the highway safety community and special interest groups and their efforts to combat the DUI problem in the United States and in Pennsylvania.

This group is estimated to represent 5 percent of all drinkers nationally or roughly one million people, yet they are disproportionately responsible for 60 percent of all alcohol-related fatalities and serious injuries each year.

Hard core drunken drivers have a high

tolerance for alcohol and can operate a vehicle without

signs of impairment at blood alcohol levels reaching .15

percent. On average, these individuals have -- will drive

intoxicated four times per week or 200 times a year.

As these facts indicate, the people who are the prime targets for drunk driving campaigns are obviously not getting the complete message. Conventional thinking might urge legislators to simply toughen the penalties against this group just as they have for other offenders.

One of the ways of doing this has been through long-term license revocation. However, the threat of license revocation simply does not stop these problem drinkers from driving drunk. Studies indicate that over 80 percent of suspended DUI offenders continue to drive after their license has been revoked due to the perception that the threat of detention is low and the economic and time barriers for re-licensing are high.

Further, in the first year of license reinstatement, DUI offenders are at the greatest risk for a crash or rearrest. Although anecdotal, two recent cases are nevertheless representative of the problem we face in Allegheny County.

On June 12th, 1998, at about 8:00 a.m., 8 o'clock in the morning, a young woman on her way to work

was struck head-on by a vehicle driven by Steven Vucho.

Vucho had a blood alcohol content of .169 percent and was

driving an uninsured and uninspected vehicle.

Vucho himself had three prior convictions for driving under the influence, and his driver's license was then under suspension as a result of one of these prior DUI convictions. Fortunately, the young woman escaped without suffering any life-threatening injury but suffered both physical and emotional scarring as a result of this incident.

On December 7th, 1996, two others were not so fortunate. Nicholas Kurch, while speeding down Ohio River Boulevard, crossed the highway divider and sailed through the air and onto an oncoming vehicle, killing both occupants who were visitors from Nepal. Kurch had a number of prior motor vehicle convictions, including at least three prior DUIs; and his license was under suspension until the year 2014.

This brings us to our purpose for being here today. Both of these habitual drunk drivers would have been appropriate candidates for an ignition interlock program. And while we cannot say with certainty that an ignition interlock would have saved the lives of those two young men and spared the young woman of the injuries she suffered, we have stark evidence to the consequences of not

having an ignition interlock program.

And as Judge Culver indicated in his testimony, we can never completely eliminate the risk of individuals drinking and driving unless the offender himself or herself stops drinking or at least controls their drinking while driving.

Yet attacking impairment and addiction as a lack of judgment and responsibility and punishing offenders after the fact is too simplistic an approach. A more effective solution is one that combines punishment and rehabilitation, monitoring behavior over the course of treatment with the objective of allowing hard core drinkers achieve some control over their addiction. An ignition interlock program appears to be just such a solution.

The interlock device was developed as a countermeasure to control the drinking and driving behavior of problem drinkers and repeat offenders. The device is emerging across the country as a recognized and highly effective tool that, when combined with a carefully monitored rehabilitation program, is the most cost effective way to combat the drinking and driving behavior of the alcohol impaired individual.

Recent statistics show that 37 states have passed some form of ignition interlock legislation. The experience of these jurisdictions has produced reductions

in recidivism by as much as 95 percent.

In House Bill No. 1219, Representative Orie has proposed a comprehensive ignition interlock program for Pennsylvania. For first time offenders, the program is discretionary with the courts, permitting the sentencing judge to make an assessment of the offender's potential for short term re-offending.

is mandatory with installation of an ignition interlock required precondition to reinstatement of the offender's operating privileges. The proposal also establishes rigid sanctions for such violations as driving an unequipped vehicle and tampering with or circumventing the interlock, as well as penalties for any third party who would knowingly aid or assist an offender in operating a vehicle in violation of the statute.

our resources on programs such as the ignition interlock device which will attack this problem at its root rather than waiting to respond only after another tragedy has occurred. If we can focus our attention on the type of offender who continues to disrespect the law and human life, by taking this proactive approach, perhaps we can eliminate the deadly manifestations of driving under the influence.

drunk drivers to refrain from drinking and driving and that
sanctions such as license suspension and revocation will
not sufficiently condition all offender behavior. In fact,
here in Pennsylvania, we have a law which predicts that
just such behavior -- driving with a suspended or revoked
license while driving under the influence -- will be
perpetrated by drunk drivers.

I believe that the ignition interlock program will provide the ongoing behavior oversight and modification that is necessary for that small but dangerous percentage of the population that will continue to drink and drive regardless of the consequences to them or to others.

The threat of sanction, be it loss of operating privileges or even incarceration, has proved insufficient with that limited but deadly segment of our society who will continue to drink and drive. The ignition interlock gives us the ability to monitor on a 24-hour basis the drunk driver's relationship between consumption of alcohol and operation of a motor vehicle.

Of course, no matter what we do, there will be those subject to the program who will find a way to drink and drive. However, the ignition interlock will make it at least more difficult for most repeat offenders to drink and

drive and gives us our best chance as a society of keeping these dangerous offenders off the road.

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School tragedies like the one last month in Littleton, Colorado and previously right here in Pennsylvania and in fact yesterday in Atlanta, Georgia have focused the nation's attention on school violence. And while it is clear that school violence is and remains a significant issue, we cannot lose sight of the fact that drunk driving has been and remains the nation's most frequently committed violent crime.

Indeed, national statistics will predict in the 31 days since the incident in Littleton, Colorado, nearly 1,400 more people will have been killed and over 89,000 more people will have been injured in alcohol-related crashes on our nation's highways.

Unfortunately, the ignition interlock program cannot prevent all drunk driving deaths and injuries. But this approach will certainly make it more difficult for hard core drunk drivers and repeat offenders to gain access to a vehicle while intoxicated. We must and we should act now because this technology is available. And it is, I think, the time in Pennsylvania to take the initiative on this type of program.

Just last Thursday, May 13th, Steven Vucho, the individual who's involved in the incident where the

woman on her way to work was struck, he was sentenced to one to two years on his fourth DUI conviction with an additional 90-day sentence for driving while under a DUI-related suspension.

Although Vucho assured the judge that this would never happen again, we cannot be certain that it won't. But perhaps if an ignition interlock device is installed on Mr. Vucho's vehicle upon his release from prison, we won't have to take his word for it.

I would conclude by pledging the office's full support to the Legislature's efforts to address this important issue and to support the adoption of an ignition interlock program here in Pennsylvania. I thank you for your time and your consideration.

CHAIRPERSON ORIE: I have no questions. Thank you very much.

MR. BRADLEY: Thank you.

CHAIRPERSON ORIE: We're going to be jumping up the schedule because our next speaker is running a little late. So we're going to call Deborah Beck, President of the Drug and Alcohol Service Providers of Pennsylvania.

MS. BECK: I spent a lot of years of working, and we do confrontation therapy so you learn to protect sometimes. Thank you very much for your courtesy to me and

for inviting me this morning. Good morning, Dave. Good morning, Representative Masland. I appreciate this.

I was listening to the testimony, in fact reviewing the material that was in here. I have a couple general remarks before getting into the testimony itself. My name is Deb Beck. I've been in the drug and alcohol treatment field since 1971. And that -- that means I know an awful lot of folks who do an awful lot of driving under the influence.

And I know the words we use in the treatment field differ from the words that are used in the enforcement community. But we always have a little chuckle about the words "first offender" because we know our guys are out there doing a heck of a lot of driving under the influence. It's just the first time they got caught. So we refer to them as first-time arrests. You can take it to the bank that on first-time arrests, most of the folks that are getting picked up have full-blown drug and alcohol addictions.

I also just want to express that these are two different populations you're looking at. I think the social drinkers -- I think the consequences and all of the stuff we have on the -- on the books works, as a social drinker gets terribly embarrassed the morning after that they endangered their job, embarrassed their husband or

wife. And the consequences really work. It really embarrasses the social drinker to not be able to get to work the next day.

If you know about addiction, you know the first thing -- one of the first symptoms of addiction is an inability to calculate consequences. So once you understand that these are two different populations, we have to go a couple different routes: One, to address the social drinker, which is a smaller group who gets arrested; and the other, two, to arrest the bulk of the population who does the driving under the influence.

One will be able to calculate the consequences, the other won't. I'm not blaming. I'm just stating that as a fact. I talked to many, many friends of mine in recovery who had a lot of experience with driving under the influence before coming here today, have done so since 1971. And they made a couple of comments to me.

They said to me -- these are people in recovery who have lots of experience driving under the influence. Most of them, by the way, were not arrested. Most of them will tell you they probably should have been. And they blame no one for that. They know the police can't be everywhere they are. There's no blame involved there.

What they said to me is please tell the legislators gathered that yeah, interlock devices will

probably have some marginal statistical effect. And is
that worth it? You bet because then a police officer
doesn't have to tell a family about someone who was killed
on the highways.

Is it worth doing? You bet. But tell them that it's not enough. It's nowhere near enough. You got to go further than that. We're not tough enough in this area. That was what I was told by people in recovery who used to do a lot of driving under the influence.

They also asked me to tell you don't let them cut corners, don't let them stop there. A couple of quick points I want to make. A lot of states have made a mistake. They've mistaken assessment for treatment. And I looked through the literature, and I listened to the testimony ahead of me. And everyone combined interlock devices with treatment.

It raises the question, Is anybody getting treatment? In some states, assessment has been mistaken for treatment. It isn't the same thing. The key is -- a key there, too, is what are the qualifications of the assessor? I have a good mental health background. I'm also a social worker.

None of my training prepared me to do assessment in drug and alcohol for either of those disciplines. You need to know that. The qualifications of

the assessors are not entirely clear how you do that. You need people with a lot of experience because otherwise, you're going to turn someone back to the street having missed a diagnosis; and they're going to endanger the public.

You don't want to have a beginner, a social worker right out of school, a mental health worker, Deb Beck, a BA out of school doing these assessments because these folks may kill someone on the highway. My patients are dangerous. They will tell you that they are.

The second error that is common in many states that I need to stress with you is that education is not treatment. I really need to stress that because I think that's going on here in Pennsylvania. I think we are mistaking education for treatment.

Again, education works with social drinkers. If you already have tuberculosis, educating me on how to avoid getting it doesn't do much good. You better treat the tuberculosis. So I also need to tell you that as an old-time clinician, I continue to be impressed with the untreated drug and alcohol addicted population's ability to develop ways to get around whatever law enforcement comes up with.

And that doesn't mean law enforcement shouldn't keep coming up with new things. In fact, you

should. You just need to be prepared to keep moving. For instance, when we started to do urine testing broadly, there was quickly a black market of clean urine and the technology to get around it.

There is something of a technology on how to unhook interlock devices. And I know the interlock folks are busy figuring out how to trigger alarms when that happens, but I think you need to be prepared to keep moving the envelope very quickly.

I'm here on behalf of the Drug and Alcohol Service Providers. We have over 400 prevention, education, treatment programs in the state of Pennsylvania and the PRO-Alliance. The PRO-Alliance is a brand new coalition in Pennsylvania of past consumers of services, their families and other interested servants, public servants, and others who are involved in this issue.

And I'm here to testify on behalf of the interlock device bill. Make no mistake of that. What you're doing, Representative Orie, and on behalf of those two organizations, both want to be counted in support but that it needs to go a little further.

And I congratulate you for continuing to look for ways to make our highways safe for all of us. I think that's very important. I think there is no panacea here and we've just got to keep chipping away and work on how to

improve the situation.

A couple of years ago Pennsylvania took the lead. Pennsylvania needs to be proud. The Court Reporter Network was an innovative thing that was set up here years ago in the state, and they began to assess people at first-time arrests.

And they found that over half the time -- my memory is 70 percent of the time. -- on first-time arrests, people already appeared to have an untreated drug and alcohol problem. Already they were separating the populations. And in response to that research then, Senator John Shumaker amended the state's DUI law exactly to reflect that difference so that on second and subsequent offenses, all individuals be assessed for alcohol and drug problems. And people that need D and A treatment receive it, in addition to whatever legal penalty you think should be affixed.

And we think, by the way, society has a right to restitution. I think that's up to the legal system. We would never advocate that that be dealt with in any way other than the legal community wants to deal with it. We just say it isn't enough.

But the Shumaker amendment we think is a lifesaving amendment. The problem is, we're not sure it's being enforced statewide. And in fact -- I'm being kind

here today. -- I know it's not being enforced in a routine fashion around the Commonwealth.

So in this regard, we're here, in addition to the interlock devices, to enhance the interlock devices, make them work by enforcing the accountability provisions that are listed on page 3 of my testimony. It needs to be publicly transparent how the Shumaker amendment is working.

And that would include annual reporting to you, the public watchdogs, the number of DUI arrests; number of second and subsequent DUIs; the number sent to drug and alcohol treatment, that's number three on here; the number of people who complete treatment; the level of care and length of stay; are they getting real treatment; are they being — are they using licensed drug and alcohol treatment programs. I know in some parts, that is not occurring. And you see other things listed there.

I want to spend a minute on the case of the multiple offender in Pittsburgh. I had talked to Representative Orie about this. One of the problems that we have with the case is we can't find out anything about whether this guy actually was sent to treatment, court sentenced treatment.

Did he succeed or fail? If he failed, he should have not been given back a license ever. Or maybe his sentence should have been lengthened. And by the way,

confidentiality laws in no way violate this sharing of information. This is stuff that should be public records.

We don't want to blame. We think as a management tool, we need to figure out where the ball got dropped. We think if these accountability provisions were in place as part of the interlock device bill that we would know was the gentleman in Pittsburgh properly assessed by a qualified assessor, was he treated at the present time, did the treatment program mess up?

We need to know that that's a management tool for us. Was he given the right level of care and length of stay, did his managed care firm interfere with his level of care and length of stay? It happens not uncommonly. Was the program licensed, was education instituted for treatment?

A past treatment failure, by the way, would be an indication of a longer sentence in addition to sentencing to treatment. So in closing, we believe access to this kind of data would greatly strengthen any of these devices, greatly strengthen their ability to work.

And it's, you know, it's the common denominator in addition to all of the other technology and all of the research that is here. But enforcement of these provisions is absolutely critical. Treatment won't work

all the time either, and we need you at that point to re-incarcerate.

But without treatment, I will assure you that
my folks will go back and do DUI; and they will bypass the
best technology you can come up with. It isn't going to
work without treatment. I guess that's the final issue. I
think in general, they don't get treatment in Pennsylvania
even though there's an insurance law and a Medicaid law.

I think we need to go back and do that consistently. Please count us as supporters of your proposal but also of tighter enforcement of the existing DUI laws through the establishment of accountability provisions.

One final note about why this is important. I hear from wives many times where the DUI system has worked. The domestically violent husband was finally identified and sent to jail and to drug and alcohol treatment. So I get calls of gratitude.

I also get calls of dismay from the wife who is too terrified to make the report. The DUI system picked up the husband, did not force the treatment or the legal penalties, and he has come back home. And she is terrified, and she was hoping for this outside kind of intervention.

It's a very interesting thing. I think the

DUI laws have done well, have ramifications for wives and terrified children. I appreciate your time.

CHAIRPERSON ORIE: I thank you. I also agree with you in regards to the managed care with the issue that's going on now in regards to coverage for treatment.

And when you hear -- Judge Culver testified that they have a high risk insurance for these individuals; but yet they don't recognize the problem, the crux of the problem to

provide that. That is an issue I certainly think we have to take into account.

REPRESENTATIVE MASLAND: Yeah. It was pretty clear that you are a proponent of treatment.

MS. BECK: Yes.

REPRESENTATIVE MASLAND: Not surprisingly.

What do you think the system should do with a first-time offender?

MS. BECK: Unfailingly do the assessment piece right. By the way, we're also for legal penalties. I mean, legal penalties by themselves fix nothing. But sometimes they slow our folks down long enough to let something else also happen.

I have friends in recovery who will tell you the law enforcement penalty saved their lives by slowing them down. However, if it wasn't combined with treatment, they were back out again.

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quess what I'm getting at, do you think if someone has a first offense and they are .15, there should be mandatory

treatment, inpatient, outpatient, 30 days, 90 days?

mean, do you have any of those type parameters --

MS. BECK: I do.

REPRESENTATIVE MASLAND: -- to suggest --

REPRESENTATIVE MASLAND: Do you think -- I

MS. BECK: And they would probably not be ones that will answer the question the way you wish. It needs to be a properly done clinical assessment by a properly trained clinician. That means someone who is not getting paid to deny a service, managed care. It means it needs to be not a newcomer in the field.

I mean, you need a heavy-duty clinician doing these because these people may kill someone on the highway. There's time to play with lower levels of addiction. everybody's going to have an addiction and need treatment. That's the other reason -- the most important -- we have to do the assessment right.

I'd say that the data is still about the same, that 30 percent don't have an addiction. There should be an assessment of that because even the assessment process is embarrassing a little bit to the social drinker. usually means they're not going to do it. You don't have to go through that stuff.

In response to level of care and length of

stay, that decision should be clinically driven. I

sometimes had trouble in the past -- I don't do hands-on

treatment at this point. -- where the court would decide

that when the court sentence expired that the treatment was

over. And we were recommending much longer care.

Some people will do well in outpatient. The DUI population is interesting. The last time I saw data, a third of the folks were still working, still had some kind of insurance. I'm sure they probably couldn't have accessed the care.

But what that also means is they're a higher number. Alcoholics are addicts so you're going to have a higher number of qualifying outpatient in that sample than you will with the -- as was stated by the Judge. Another third were probably Medicaid eligible.

Folks who are deteriorated enough to be on Medicaid are going to be longer lengths of stay in inpatient or outpatient. If you have a trained clinician, a qualified trained clinician with no financial incentive to do anything but the right thing, you don't have to worry about levels of care and length of stay that assessments will be done.

REPRESENTATIVE MASLAND: A couple of other questions. Although you're looking at things more from the

treatment perspective, how does a .08 versus .10 play into that? Does that help you pick up more people earlier or what --

MS. BECK: Oh, yes, sir. I mean, you're average social drinker can't -- cannot be walking around and acting sane enough to even drive a car most of the time at a point like .18. At the higher levels, it's almost diagnostic. If you are somewhat functional at some of those higher levels, it's almost diagnostic.

A three-time DUI or a two-time DUI is almost diagnostic on the face of it. In fact, I've never had anyone I've done an assessment on with a two-time DUI who wasn't an untreated alcoholic/addict. That's why you want to qualify an assessor.

I mean, we have tons of people to treat. In fact, we're getting them from the criminal justice system all the time because the health care system is not supporting them anymore. We have not sufficient funding for them. But you still want to screen the population.

There are going to be some who do blow a .18, walk around who are social drinkers. Very rare. .20 is almost diagnostic.

REPRESENTATIVE MASLAND: I was saying a .08.

MS. BECK: Yeah, I know. You're down at the lower levels. I'd want to do -- personally I would want to

do a good clinical workup. That's not diagnostic in

itself. Personally I don't think anyone should be driving

with one drink.

I mean, it's a -- that's where we're at in our philosophy of the field because we know it has motor impact. But it is diagnostic at the higher levels, not at the lower.

REPRESENTATIVE MASLAND: Thank you.

CHAIRPERSON ORIE: Thank you very much.

MS. BECK: Thank you very much.

11 CHAIRPERSON ORIE: Our next speaker is William

12 | McCollum, the Executive Director of the Commission on

13 | Virginia Alcohol Safety Action Programs. You can begin.

14 Thank you.

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MR. McCOLLUM: Good morning. I'm Bill

16 McCollum.

17 REPRESENTATIVE MASLAND: Could you pick up

18 | that mike?

19 MR. McCOLLUM: Good morning. I'm Bill

20 McCollum. I'm the Executive Director of the Virginia

21 Alcohol Safety Action Programs. I took this opportunity to

22 come at the -- I'm sorry. -- at the Representatives'

23 | request -- in Virginia, called a delegate. -- because I

24 so firmly believe in what has to happen with the drinking

25 driver.

And I think that we in Virginia have begun to
make some small steps in the direction dealing with that
offender population. And I wanted to give you the benefit
of some of the things that we have done in Virginia which
we think have been successful in dealing with this
population.

Certainly, you are aware that Virginia, years ago, instituted a statewide DUI countermeasure system where all the citizens of the Commonwealth have access to an intervention process which allows us to assess each person charged and convicted with driving under the influence.

In Virginia, it is mandated that the first offender must be assessed. Our rationale for doing the first offender was that we would be able to get that population at an earlier stage in his or her drinking problem and begin to have some success with that population.

I should make you aware that the General Assembly in Virginia decided this past January to effect as of July 1 that it would mandate that second offenders would be assessed whether they had been in the system before or not. They also made third offense or subsequent a felony in Virginia.

So consequently, we've taken a large leap in terms of dealing with the population. And I think what we

have done is made available to them education and treatment as needed. We made available to them an assessment process as needed, and we mandated to get into necessary treatment 3 and et cetera.

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One of the things that we did about three years ago to deal with this population was we implemented an ignition interlock program. The Commission on ASAP, for whom I work, is a legislative body. That legislative body mandates how DUIs are handled in the state. And I'm the administrative arm of that body.

They decided that we wanted an ignition interlock program, and they mandated at that point that all persons convicted of second offenses in Virginia must have an ignition interlock installed in the vehicle in which they drive.

We allow a limited license even with the ignition interlock to and from work, to and from the ASAP And if we in the ASAP program designate other treatment, which most of -- in fact, all second offenders are mandated into treatment. -- we mandate that they be able to drive back and forth during the treatment process.

There's some emergency provisions in our code. I think I saw some of those in the legislation that you're proposing here. What I encourage you to do is whatever you do in terms of your interlock program, you do as we did in

Virginia. Make it accessible to and beneficial to the
entire population; that whomever you bring into the state
and whatever protocols you would establish in the state,
that you do so with the thought in mind that all citizens
would have access to the interlock system; that regardless
of the financial position, that they have access; and
regardless of where they live in the state, they have
access to the system.

We found that that's the best way the system works. We've been -- we have been pleased that the courts in our state now have some reliability; that the individuals whom have problems drinking and driving, we can control, to a great extent, their abilities to drink and drive with -- with the automobile on the ignition interlock.

In fact, over a 3-year experience with the ignition interlock, I have no report of any individual driving an automobile -- who has driven an automobile after drinking with an ignition interlock. We have reports which show that the system itself is successful.

We have reports which show that along with treatment, that ignition interlock itself doesn't work.

We've got two or three people who are on an ignition interlock that the court decided we're solely going to put you on the ignition interlock.

And it's our people that -- those people are not successful individuals; that this has to be a systems approach; it has to be the courts, the punishment; it has to be the ASAP system, monitoring, probation and the intervention; and it's got to be an interlock program.

If you have all of those pieces in place, I think you can have a successful interlock program. If any of those pieces are missing, then you're not going to have a successful interlock program.

The other thing I encourage you to do is if and when you establish a program, that you establish a group to oversee how the interlocks are used and that you select a vendor who has the capability of providing your services statewide and your services at the level of your expectations without the expectations that it will be solely a money-making venture for the vendor.

We -- we just went through our process again for our vendor process. One of the things I made very clear to them is that you're in it for the long run; that if your expectations are that you come into the system with the thought of providing this level of service and that you will be able to exit the system within a year or so having made lots of dollars and ready to go away, that's not the kind of vendor we wanted and that's not the kind of vendor we selected.

And I suggest you do it through the same

process. I see that you formed a committee to set your

protocols, et cetera. I think that's excellent. I think

in forming your protocols that you again look at very

closely at the way your drunk driving system in

Pennsylvania works and then you look at what you project

your driving system to be four or five years out.

The ASAP model in Virginia is one which is really unique in the country because, A, we are a legislative agency; B, we are a statewide agency, and we provide services to all offenders; C, we operate at no tax dollars, zero dollars to the taxpayers.

Our system is fully funded and paid for by the offender. They pay a fee, the cost -- the treatment cost of participation in the program. It costs approximately \$12 million a year to run the system. It's all paid for by the offender. So there is methodology in place to establish a system.

There is a system in place to not have the taxpayers of the Commonwealth pay to have the system in place. I've been in the ASAP system for 28 years now. I left a law practice to come into the ASAP system. I firmly believe in what the system does.

I think that this is the model. And I've had an opportunity to talk to many states on our model and how

the model works. I think that this is probably a successful model. The young lady who preceded me said a lot of things that I think needs to be said, particularly when you've got the offender before you and you can do an assessment that he or she ought to be given an opportunity for treatment.

That treatment is only a piece of the -- of the puzzle, though. If you don't do away with -- with the legal ramifications for a DUI to put an individual into treatment, that you don't do away with the familiar consequences of the DUI by simply putting a person in the treatment.

I encourage those of you who -- who are going to look at this bill and vote on this bill to give strong consideration to passing this piece of legislation. I think it's a piece whose time has come. I think it would benefit the Commonwealth of Pennsylvania. And I so firmly believe in what you're attempting to do.

It's a long drive from Richmond, but I was glad to make the drive in order just to be able to give my few remarks here today. The last time I was here, I provided you with some written information. And I'd be glad if you had an opportunity to look at that and have some questions. Or if you want me to expand on any of that, I will gladly do that.

1 But I think that most of it is 2 self-explanatory. And we would gladly do whatever we can 3 to assist you in this process. I'll certainly answer any 4 questions if you have any. 5 REPRESENTATIVE MASLAND: I really just have one minor question. Not so much -- I appreciate the 6 information on the interlock system and the broad issue. But you alluded at one point to a limited license that you 8 allow offenders to have to and from work. 10 And is that first time offender, second 11 offenders, with interlock, without interlock? 12 MR. McCOLLUM: Yes, sir. REPRESENTATIVE MASLAND: How does that work? 13 14 MR. McCOLLUM: We give a limited license in 15 Virginia upon conviction of driving under the influence. 16 One of the limitations on the limited license may be an ignition interlock. The -- but it's on first offense and 17 18 second offense but not after our second offense. 19 On the third offense, of course, it becomes a 20 felony. And that's mandatory minimum jail sentences and 21 fines and et cetera that go along with that. 22 REPRESENTATIVE MASLAND: So somebody -- if I 23 can interrupt. Someone can have an interlock device, but they could be limited to just going to and from work? 24

MR. McCOLLUM: Yes. What -- what we want to

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do -- what we do with our interlock program is assure the courts and the General Assembly and the public that these individuals are not drinking and driving wherever they drive.

We can give to them a license without the ignition interlock, but they may -- and you got an individual in front of you who's got a BAC of a .24, you've got an individual with an alcohol problem. If that individual's got an alcohol problem, the fact that he or she is sitting in a counseling facility does not necessarily guarantee you that he or she is not going to drive; and when they drive, that they're not going to drive while drinking.

The only methodology that we've come up with to deal with that population to ensure that they're not drinking and driving is we installed the ignition interlock. And we do that mandatorily with second offenders. I'm sorry. If a person has gotten a first offense and didn't get the message, then certainly on the second offense we install the ignition interlock.

I want to say one other thing. We're not seeing the social drinker. I see 65,000 individuals a year in Virginia in my system. We are not seeing the social drinker. So if we still are walking around with this concept about the social drinker drinking and driving, it's

not happening.

Those of us who are social drinkers got the message. We're not drinking and driving. The people who are drinking and driving are persons who have problems with alcohol and other substances. And we should -- we being the people who have to deal with them. -- should be prepared to deal with that population because that's who is there. And the ignition interlock is another piece in that fight with that population.

REPRESENTATIVE MASLAND: Thank you.

CHAIRPERSON ORIE: I just have one question.

With the third-time offenders and the felonies, is the ignition interlock then part again of a parole or --

MR. McCOLLUM: At the end of the mandatory minimum, he has to undergo an assessment with -- with us to determine at what point he would be re-licensed. Part of that assessment generally is a mandatory ignition interlock. We -- when we revoke your license in Virginia, it's forever.

But we have some time frames through which you can reapply for re-licensure if certain conditions are met. And if those conditions are met, then we would do the assessment and make a recommendation to the court. And you can only get your license back once it's been revoked by a court giving you the license back.

The MVA doesn't have the authority. Once this

-- once it's suspended, revoked, it's gone. The only way

you get it back is you go into court, you file a petition.

The judge evaluates the petition, sends you over to the

local ASAP system. We do an assessment, and we say he's

still drinking or he's drinking at this level or he's out

of hand, we don't recommend he gets a license back, he

doesn't get a license back.

Generally what we do is because we wanted to get that individual into some kind of treatment process, we generally recommend the ignition interlock and limited -- very limited driving privileges so that -- because we have data which shows that 40 percent of the people in the Commonwealth whose licenses are suspended never reapply.

Now, if they never reapply, you think that they're not driving? Certainly they're driving, or they all moved to Pennsylvania. We hope they all -- they all moved out of the state. But we know that's not realistic. So in dealing with that population, rather than having them driving or revoked or suspended, we give them a limited license with an ignition interlock.

CHAIRPERSON ORIE: As the head of the Alcohol Safety Action Programs, what impact has the ignition interlock had on Virginia from your expertise?

MR. McCOLLUM: I think from my perspective, it

-- it has had a major impact because we've always had the
responsibility for monitoring the individual who has a
restricted driver's license. We have always been
responsible for telling the judge when the individual
drove, where he drove, what time of the day he drove,

whether or not he was drinking when he drove.

We didn't have any methodology for really doing it because we couldn't get in the car with the individual. What the ignition interlock does for us as a probation area of -- a part of our probationary function is it tells us exactly when he drove, it tells us exactly how long they drove, it tells us what his BAC level was if he attempted to start the automobile and how many times he attempted to start the automobile.

So it gives us another piece in dealing with that offender who's making a report for the -- for the -- what his or her status was. And when we say to the judge he attempted to drive an automobile while drinking, we've got the printout and the report there that demonstrates he attempted to drive the automobile while drinking.

In the past, they always came in and said I wasn't drinking, I didn't have anything to drink, the police officer lied, the probation officer lied, the case manager lied. But then we've got that report that tells us what is going on in terms of that person's driving and

drinking.

CHAIRPERSON ORIE: Thank you. I have no further questions. Before we break, Babette Josephs has joined us. We are going to take a 10-minute break and come back at 11:40 and continue the testimony. So I thank you very much.

MR. McCOLLUM: Thank you.

(A brief recess was taken.)

CHAIRPERSON ORIE: We're going to continue with the testimony. And we have Frank Donaghue, the Director of Legislative Affairs for the Pennsylvania Attorney General's office.

MR. DONAGHUE: Thank you very much. Good morning, Chairman. And thank you for the opportunity to appear before the House Judiciary Committee's DUI Task Force. I would like to commend you for continuing to look at the crime of driving under the influence and for taking the initiative in developing legislation that will certainly make Pennsylvania's highways safer.

Attorney General Fisher supports House Bill 1219 which mandates the use of ignition interlock devices for repeat DUI offenders, and he urges the full Judiciary Committee to consider the bill promptly. I will not reiterate the statistical information outlined by the esteemed experts who have already spoken this morning,

statistics that paint a grim picture of an old problem.

However, I believe it bears repeating that even though grass-roots organizations like Mothers Against Drunk Driving and Students Against Drunk Driving have had a tremendous impact on reducing the epidemic, the problem has not gone away.

The last two decades witnessed increased public awareness and reduced tolerance for behavior that was historically, for the most part, overlooked or given low priority on the national radar screen. For too long, people drinking and -- people accepted drinking and driving as a social norm.

Of course, steadily increasing highway use over the decades and a correlative increase in alcohol-related highway fatalities brought the epidemic to the forefront of the nation's consciousness. Not only did legislatures respond by demanding tougher DUI laws, but public education campaigns to change attitudes toward social behavior made driving under the influence seem unacceptable.

Drinking established -- establishments offered a free cab ride. People went out at night with designated drivers. And high school students took a pledge not to drink; but if they did, to call their parents if they did. All of this concentration yielded results.

The percentage of alcohol-related fatalities declined from 57 percent in 1982 to just 41 percent in 1996. But as so often happens after major changes in national public policy, attention to the problem dissipates. Success breeds complacency.

Public attention has moved on. Many people feel that the job was done; that drunken driver no longer poses an unacceptable threat to those of us who are on the road everyday. But tell that to the parents of children who have died at the hands of a drunk driver. For them and all the victims who buried loved ones every year, the problem with drunk driving has been the worst ever.

The fact is this crime is still very much with us, and we as lawmakers and law enforcement officials need to continue examining ways to attack the problem. House Bill 1219 does just that. It aggressively attacks the problem. Allow me to discuss the specifics of the bill by telling you what I feel are some of the strengths as well as offering a few suggestions.

The bill aims at DUI recidivism. As

Representative Orie has pointed out, 50 percent of

first-time DUI offenders will drive drunk again. Eighty

percent of second-time offenders will become multiple

offenders. While the gains we have made in the last 15

years have their strongest impact on those who do not

chronically drink and drive -- people who learn from their
lesson after one brush with the law -- hard core drunk
drivers continue to exhibit this dangerous behavior.

That is why this bill -- correctly I

think -- leaves the use of interlock devices within the

discretion of the court for first-time offenders while

mandating their use on second or subsequent convictions.

Repeat offenders are the ones who pose the most danger to

the public.

By ensuring that they are sober before they are able to operate a car, this program will begin to drive home responsible habits. Of course, the interlock device won't do this on its own; but it will at least start the practice of sober driving for the habitual offender.

The bill also mandates the use of interlock devices for offenders under 21 years of age regardless of whether or not the offender has committed the crime before. Again, the use of the device will force the young driver to develop safer driving habits at a young age that will help to ensure that he or she is always sober behind the wheel. In this way, the ignition interlock device should be seen as an important tool in the rehabilitation of habitual drunk driving.

House Bill 1219 provides for a protocol to standardize the certification of interlock devices across

the state. This legislation makes the use of advanced technology to place a check on criminal behavior. It is imperative that the technology used by the Commonwealth to this end is standardized and reliable.

Obviously, some type of oversight or quality control will need to be established to make sure that the standards of effectiveness are maintained. This would be accomplished by the protocol committee established in Subsection F.

This committee, which would include the Attorney General's office, would be responsible for certifying both manufacturers and service technicians to ensure the devices are capable of reliably and accurately performing the services they are designed to perform.

The makeup of this body, which includes policymakers, the law enforcement community and the general public, is broad enough to make sure that both issues of fairness and administrative efficiency are addressed. I believe the Attorney General's Information Technology and Law Section will be uniquely suited to assist the protocol committee.

This section of our office -- just
established in 1998 -- was designed by Attorney General
Fisher to both improve the office's use of technology and
to guard against criminals who use technology for illicit

purposes. The specially trained lawyers and technicians
who work in the section will be valuable in setting
criteria for approved interlock devices that cannot easily
be circumvented by crafty offenders. Our office looks
forward to helping the protocol committee to make sure that
the ignition interlock devices approved for the
Commonwealth conform with the intent of the law.

Please allow me to point out one area that I feel needs to be addressed in the bill. Legislation is silent as to who covers the cost of having the interlock device installed in the offender's vehicle. One option would be to place the cost on the offender, and that's an option that I would support.

However, the installation of the device as a condition of probation would result in only those offenders who can afford the device being eligible. This, of course, could raise equal protection issues. Pennsylvania courts have held, for instance, that offenders may not be denied admission into ARD based on the offender's inability to pay costs or restitution associated with that program.

The alternative would be to have the counties pick up the cost for the device, but this would not come cheap. Consider that in 1997, Dauphin County arrested 822 drunk drivers. In Erie County, that number was 935. The question that must be addressed is how much financial

burden will this put on our counties or, for that matter,
the state if they were responsible for the cost of
providing ignition interlock devices to a large number of
DUI offenders every year?

I merely raise this issue to the members of the Task Force for their consideration and offer any assistance that I or my office may lend you in addressing them. Again, thank you for the opportunity to speak to you this morning on this important piece of legislation.

The Attorney General's office feels that increased use of ignition interlock devices will have a profound impact on those who drive drunk, especially repeat offenders who continually put the lives of innocent people at risk.

Not only will these devices serve the practical purpose of incapacitating the drunk while the device is installed in their vehicle, but should also establish habits of this acceptable conduct which will hopefully continue after the device is removed.

I would be happy to answer any questions that you would have.

CHAIRPERSON ORIE: I have no questions except
I'd like to make a comment in regards to some of your
questions. And with the cost, I think it is the intention
of this legislation that we would put the cost on the

offender at no burden to the taxpayers and then work with the providers to again implement the 5 percent of contribution by them for those that cannot afford it.

MR. DONAGHUE: I think it's a very good idea.

CHAIRPERSON ORIE: And I also want to certainly commend the Attorney General's office in regards to the technology section that's been developed. I think this would be a natural link in regards to really putting Pennsylvania forward with this type of technology. So I also want to take the time to let you know that.

REPRESENTATIVE JOSEPHS: I just have a question.

CHAIRPERSON ORIE: Yes.

REPRESENTATIVE JOSEPHS: You mentioned the ARD program and the court decision. How is that handled now with people who can't afford the cost of that program?

MR. DONAGHUE: Well, in that particular case, they wanted to deny the person ARD. So they were -- they were given ARD in the end. And I'm assuming the cost was either picked up by the state or by the county.

REPRESENTATIVE JOSEPHS: So in other words, on the ARD program, people who can afford to pay for the costs are paying for them and people who cannot are being subsidized by the government?

MR. DONAGHUE: That's correct.

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REPRESENTATIVE JOSEPHS: Thank you.

CHAIRPERSON ORIE: Thank you very much. I look forward to working with you. Again, because our next speaker is not available, we're going to just hop to Dr. James Frank, the Highway Safety Specialist from the National Highway Transportation Safety Administration, the Impaired Driving Division. You can proceed. Thank you.

MR. FRANK: Thank you for inviting me to testify today. My name is James Frank. And I'm a highway safety specialist in the Impaired Driving Division for the National Highway Traffic Safety Administration, or NHTSA as it's called, which is part of the US Department of Transportation in Washington.

Our goal at NHTSA is to reduce the annual toll of 41,000 deaths, 3 million injuries, and \$150 billion in society costs due to motor vehicle crashes. Impaired driving plays a substantial role in these crashes. Indeed, nationally, 16,189 people died in alcohol-related crashes in 1997; and 631 of those alcohol-related deaths occurred in Pennsylvania.

However, the solution to impaired driving are mainly on the state and local level. We conduct research at NHTSA and evaluate programs to see what's working and provide technical assistance to state and local authorities. I am here today at the invitation of

Representative Orie specifically to talk about breath alcohol ignition interlock devices and programs.

My remarks are divided into four areas, and

I'll discuss each in turn. They are a brief history of the
ignition interlock device and programs; understanding that
good technology does not make an ignition interlock
program; a brief summary of the evaluation research
addressing how ignition interlock programs are working; and
some of the requirements of the new Transportation Equity
Act of the 21st Century, or TEA-21 as we call it, as they
relate to ignition interlock legislation.

First a brief history. To my knowledge, the concept of putting a breath tester in a car to prevent someone with alcohol on their breath from starting the car was first suggested in a paper called "Cars that Drunks Can't Drive" back in 1969, 30 years ago.

Back then it was called an Alcohol Safety

Ignition Interlock System or ASIS. This work was
introduced by a researcher at the National Highway Safety

Bureau before NHTSA existed. The concept was in place, but
additional work was needed before such devices and programs
could become reality.

The first commercially available devices appeared on the market in the mid-1980s, 15 years after the original concept paper and 15 years ago. The first states

to enact statewide ignition interlock legislation followed shortly thereafter, California in 1986, Oregon and Washington shortly thereafter.

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NHTSA took a look at the first generation of ignition interlock devices by conducting some laboratory evaluations of existing devices first in 1985 and a few years later in 1988. Based on this early work in a climate of heightened concerns about DUI offenders, NHTSA decided to develop model specifications for ignition interlock devices; that is, to establish performance requirements for these devices.

These model specifications were meant to ensure that equipment being used met basic requirements for precision and accuracy, as well as guarding against circumvention. The model specifications were published in the Federal Register in 1992, and most states that enact ignition interlock legislation have included a requirement that devices used in their jurisdiction meet the NHTSA model specifications.

Having a technologically sound ignition interlock device, no matter what model specifications it meets, does not guarantee an effective interlock program. Early experience in California more than ten years ago illustrated this point vividly.

In some jurisdictions, judges were ordering

ignition interlock devices installed; but no system was in place to verify that they had been installed. Furthermore, one judge could undo what another judge had ordered. There was no central point where information was collected and feedback given to the authorities that had ordered the interlock in the first place.

Similarly, a good system for tracking what happened to offenders who blew breaths above the allowable limit was not in place. In short, there's no point in having devices installed if they aren't part of a well-managed interlock program.

If violations are reported, the state must have a mechanism in place for implementing stated policies, and the offender must learn that there are consequences for his or her actions. Well oiled, statewide ignition interlock programs have emerged in several different parts of the country.

These programs, run administratively by the motor vehicle departments, involve the interlock being a condition of license reinstatement after a period of hard suspension. Offenders — this isn't, by the way, the only way programs are set up. Offenders are required to meet well-defined requirements, usually established by rule-making, before any — before being eligible for an interlock.

While there is no perfect program, you may be impressed by the ones in Maryland and Illinois, just as examples. Both are relatively mature programs now, with a number of years of experience under their belt. You should certainly take advantage of their experiences when crafting your own. And I can also put you in contact, if necessary, with other state programs that — as examples so you have a wider range. These are just thrown out as illustrations.

Regarding evaluation research, in the early 1990s, the first studies evaluating ignition interlock programs appeared. These early studies suffered from a fundamental shortcoming that people who participated in interlock programs were self-selected or court-selected, certainly not randomly selected, and thereby biased.

In other words, people on the interlocks were those most likely to succeed. But given that selection biases probably played some role in the outcomes, these studies must still be taken seriously as the first glimpse of what existing interlock programs were doing.

In general, these studies suggested that the use of interlocks suppressed the occurrence of repeat offenses when the devices were installed on vehicles. But one study in particular — they obviously have come through with this since then. — Popkin, et al., reported that recidivism rates returned to pre-interlock levels when

devices were removed. These findings are consistent with what psychologists report about the high risk of relapse among people treated for alcohol problems.

There is another generation of evaluation studies completed in the second half of the 1990s which is exemplified by the random assignment study in Maryland that you have or will hear about in this hearing. This study addressed the selection bias problem.

The chances of being assigned an interlock upon license reinstatement were the same as not getting one for the control group. Comparisons were made between the interlock and control subjects. The bottom line from this study is that the researchers found that use of the interlock program, quote, reduced the risk of an alcohol traffic violation within the first year by about 65 percent.

Other research is also underway examining such dimensions as whether a form of short-term treatment in combination with the use of the interlocks will produce greater success in reducing recidivism rates than interlocks without the treatment condition. That's NIAAA, National Institute on Alcohol Abuse and Alcoholism, but a funded study that's being conducted in Alberta, Canada.

There's also a NHTSA-sponsored study currently underway that is -- is just getting off the ground,

examining whether leaving the interlock on for a longer period of time -- say two years instead of one year as an example -- will have a greater impact on the reoccurrence of alcohol-related offenses after the interlock is taken off.

worth asking to better determine the effectiveness of ignition interlock programs and how devices are best used. In the context of where we have come from, I believe they are the second generation research projects, building on the base knowledge that interlocks, when part of a well-managed program, do have an impact on the recidivism rates of users.

Finally, I want to say a few words about the new federal legislation enacted in the Transportation Equity Act for the 21st Century called TEA-21. In particular, the TEA-21 Restoration Act established a new Section 164 which encourages states to enact laws that require the installation of ignition interlock systems.

Under this new program, beginning in the fiscal year 2001, each state must have in effect and enforce a repeat intoxicated driver law that establishes certain minimum penalties for individuals convicted of a second or subsequent offense for driving while intoxicated or driving under the influence.

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The federal statute provides that any state that does not have a conforming law in effect or is not enforcing such a law will be subject to a transfer of funds. Any funds transferred under this program may be used only for impaired driving or hazard elimination activities.

In accordance with Section 164 and the agency's implementing regulations, to avoid a transfer of highway construction funds under the Section 164 program, a state must have a law that requires the following mandatory sanctions for all repeat intoxicated drivers:

One, a mandatory minimum one-year hard driver's license suspension; two, a mandatory impoundment or immobilization or installation of ignition interlock system on all motor vehicles registered by the repeat intoxicated driver; three, an assessment of the degree of alcohol abuse and treatment as appropriate; and four, a mandatory minimum sentence of not less than 5 days imprisonment or 30 days community service for a second offense and not less than 10 days imprisonment or 60 days community service for a third and subsequent offense.

With regard to the impoundment, immobilization or ignition interlock requirement mentioned above, states may demonstrate compliance by providing for either the impoundment or immobilization of motor vehicles or the

installation of ignition interlocks on motor vehicles.

It is important to note, however, that to qualify under this criterion, one of these sanctions must apply to every motor vehicle owned by or registered to every repeat offender driver convicted of driving while intoxicated or driving under the influence two or more times within a 5-year period. That's defined.

Under the implementing regulations, since the Section 164 program also requires a mandatory minimum one-year hard driver's license suspension, if a state wishes to demonstrate compliance with this criterion based on the installation of ignition interlock systems, the state's law must require that such systems must be installed for a period of time after the end of that one-year period.

If a state wishes to demonstrate compliance with this criterion based instead on an impoundment or immobilization program, the state's law must require that motor vehicles or license plates and registrations must be impounded or immobilized for some period of time during the one-year suspension period.

In conclusion, 37 states now have passed some form of statewide ignition interlock legislation. Some of these states have formal statewide ignition interlock programs. You've heard about a few of those here today.

But few, if any, of the current programs meet all the requirements of the Section 164 program.

It is very clear that having good interlock tec -- good technology does not make a good interlock program. However, I believe that breath alcohol ignition interlock programs, when well-managed, preferably by a single state agency, can have a significant impact on recidivism rates of offenders who have been required to install them on their vehicles.

Ignition interlocks may be part of the puzzle of impaired driving, but no one has ever argued that they are the solution to the problem. Nevertheless, if we chip away at all the edges of the problem, we can have an influence on the overall numbers while working to meet the national goal to reduce alcohol-related motor vehicle fatalities to no more than 11,000 by the year 2005.

I'm sure that Pennsylvania wants to do its part by reducing the 631 alcohol-related deaths you experienced in 1997. Again, I thank Representative Orie for the invitation to testify today. I'll be glad to answer any questions you may have.

I'm going to say also that I'm not the best expert to speak to you about the provisions of the federal legislation; though, we've tried to summarize the highlights of them in the testimony. But if there are

questions that come up, I'm sure that people in the -- in
our agency will be more than happy to make clarifications
to the extent to which whatever legislation you're crafting
dovetails with the federal legislation.

CHAIRPERSON ORIE: I guess that would have been one of my questions. You said 37 states have passed some form of the statewide ignition interlock legislation but that few of them meet the --

MR. FRANK: Well, actually because this law has only -- the federal legislation has only been in place for a couple of months now, many of the states have not even submitted copies of their material for the chief counsel's office to evaluate it and determine whether it's been in. And those that have, very few of them have met it so far but I think take it a separate time.

CHAIRPERSON ORIE: That would have been it.

I'm certain we'll have more questions specifically about
the TEA-21 fines, and we'll follow up with that.

MR. FRANK: I left my cards and also the name of the people to contact in our chief counsel's office with Ann Longfeldt (Phonetic). She knows how to get in touch with us. And we'll be glad to provide any assistance we can.

CHAIRPERSON ORIE: I appreciate that.
Representative Josephs.

REPRESENTATIVE JOSEPHS: Thank you, Madam

Chairwoman. The question I have has to do with other

members of the family who might be trying to use the car

that has this interlock device. Do you have any knowledge

how other states have handled this?

And in spite of their disclaimer about the federal statute, is there -- do you know of nothing in the federal statute that deals with that problem?

MR. FRANK: Well, we don't deal with it in our model specifics. There was one company that tried to build a device, what they called a hum code, which was a way of requiring a person to go through an additional barrier to get the car started where other members of that family could learn that hum code as well and would be able to pass it.

But if -- if they pass it and they don't have alcohol on their breath, other members of the family should be able to use the vehicle. It simply means they have to go through a little bit more effort to get it started. But that's a small price to pay for having the ignition interlock on the car. I don't see that as being a big problem.

REPRESENTATIVE JOSEPHS: Well, I'm thinking of a situation in which other family members are social drinkers. They're not -- whatever the legal limit for

driving is, they're well below it. And yet they would not be able to use this car, I assume, which is also their car.

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threshold, which is usually set at .025 or .02, no, they would not be able to use that car. That's true.

REPRESENTATIVE JOSEPHS: But if it's below the threshold but there is alcohol --

MR. FRANK: If their BAC's above the

MR. FRANK: Then they're okay.

REPRESENTATIVE JOSEPHS: Okay. That was -- that was the question.

MR. FRANK: Yeah. I mean, if there's no alcohol or they're below the threshold that the device is set at, then the car will start.

REPRESENTATIVE JOSEPHS: Thank you.

MR. FRANK: Not a problem. I'd like to add that none of this legislation -- or none of these rules are intended to infringe on the social drinker. The legal limit for driving in many states is either .08 or .10. And those limits don't infringe on the social drinker.

A person can have a number of drinks in a casual social setting and have no fear of being over the legal limit. It's simply the .08 and .10 levels are impairment, and people shouldn't be driving at those levels. And people who have a long history of drinking and driving and have convictions for DUI who might have an

interlock on their system shouldn't be driving at .025 either.

And so these devices are to block them from getting behind the wheel of the car, and I think that's very important.

REPRESENTATIVE JOSEPHS: I agree with you.

Thank you.

MR. FRANK: Thank you.

CHAIRPERSON ORIE: Thank you very much.

MR. FRANK: My pleasure. I brought enough copies of this up on the table so if anybody that wants one can get one.

CHAIRPERSON ORIE: Our next speaker is Dr.

Jeffrey Coben, Executive Director for Center for Violence
and Injury Control at Allegheny General Hospital.

DR. COBEN: Thank you. Good afternoon. My name is Jeff Coben. I direct the Center for Violence and Injury Control at Allegheny General Hospital in Pittsburgh. I very much appreciate the opportunity to speak with you today, and I believe I can provide you with perhaps two different perspectives on this issue.

The first perspective is how I view this as a practicing emergency medicine physician who works in a level one trauma center in one of our major cities. The second perspective comes from my experience as a researcher

who has critically examined and evaluated the effectiveness of ignition interlock programs.

Let me begin by saying that I've worked in this medicine for nearly 15 years now. For me, ER is not a television show. It's the real thing. I've worked in emergency departments in the City of Chicago and Florida and throughout several regions of Pennsylvania. And everywhere I've worked I've seen the devastating effects of drunk driving.

After 15 years of working in emergency medicine, I can tell you that drunk driving causes more pain, grief and suffering than any other illness or disease that I have to deal with. That includes cancer, heart disease and diabetes.

As an emergency physician, one of the most difficult things that I have to do is talk with families who have lost a loved one or had someone critically injured as a result of drunk driving. As I'm sure you've heard already today, we've made some progress over the last 15 years in reducing the number of deaths and injuries from drunk driving.

But it's also clear that we have now reached a plateau and that new strategies are needed to help confront this problem. Most importantly, new strategies are needed to help prevent drunk driving among those individuals who

are the most difficult ones for the courts and the legal system to deal with, the repeat or hard core drunk drivers.

I believe that the legislation being considered today is one of those new strategies that is urgently needed. And as such, I would like to publicly thank and congratulate Representative Orie for her leadership on this issue.

Now I want to put my other hat on and speak to you as a researcher. And I need to first give you a little bit of background for perspective. As a result of working in emergency medicine, I recognized some time ago the problem of violence and injuries and the need for better research on the causes of these injuries and how they might be prevented.

In 1992, while at the University of
Pittsburgh, I established the Center for Injury Research
and Control. And in July of 1995, that center was
designated one of 10 injury control research centers in the
country by the Centers for Disease Control.

In 1997, the directors of those 10 injury centers came together and developed a new research project which became known as the Systematic Reviews of Strategies to Prevent Motor Vehicle Injuries. The simple idea behind this project was that over the years, a large amount of research had been conducted on motor vehicle injuries and

how to prevent these injuries.

But this research was not in any one single identifiable place, and it had not been synthesized in a meaningful way to help decision-makers choose among the different strategies to prevent motor vehicle injuries. So we initiated this project that would gather all of this information and try to make some sense out of it.

Each of the 10 centers chose their own topic, and several different topics were chosen. For example, researchers at Johns Hopkins examined the effectiveness of high school drivers education programs. Researchers in Seattle examined the effectiveness of primary versus secondary seat belt laws.

Researchers at UCLA examined the effectiveness of sobriety checkpoints in reducing drunk driving. And the topic that I chose to examine was the effectiveness of ignition interlock programs. The results of these projects were all put together and published in this recent edition in January of 1999 of the American Journal of Preventive Medicine.

Before I tell you the results, I think it's important that you understand how this research and the project was carried out. As I mentioned, these were systematic reviews of the literature. What we did was to set up a very specific procedure for scouring the

literature and for evaluating the quality of each study published on the topic that we had chosen.

With the assistance of a full-time research librarian at Harborview Medical Center, we conducted an exhaustive search of the scientific literature covering the last 250 years, including both English and non-English language, medical data bases, government publications, and other scientific studies.

There were actually nine topics chosen by the different research centers. And for those nine topics, we found a total of 54,078 studies had been previously published. These 54,000 studies were then equally distributed among the 10 injury centers and were screened to determine if they were good enough to be included in a more detailed review.

Now, to qualify as being good enough, the study had to have a control group and had to also have measurable outcome objectives such as deaths, injuries, crashes, DUI arrests or seat belt use. Studies that only reported subjective measures, things like knowledge, attitude or self-reported behavior, were not included in our review.

And similarly, many studies that were based upon the author's opinion but did not actually conduct the research project were eliminated as we went through this

process. So of the 54,000 articles that we initially 2 found, a total of 1,111 met our criteria for a rigorous 3 study; and the rest were simply thrown out.

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For each of those 1,111 studies that were kept in, they were then screened again using a standardized checklist to determine if they continued to meet the criteria to be included in our project. Finally, for those studies making it through the second cut, each was dissected by one of the researchers to make judgments on the methodological quality of the study and the strength of the study's design and their conclusions.

This information was then synthesized, and the paper on each topic was produced. These papers were submitted to the American Journal of Preventive Medicine, and each of these papers then underwent a peer review process by scientists consulted by the Journal prior to their publication.

Let me tell you about the topic of ignition interlock programs specifically. And I'll be, I think, reiterating some of what the last speaker just mentioned to you. We found a total of 31 studies that had been published over the last 25 years on our initial search.

Of those, 10 met our selection criteria for review, and 4 more were eliminated as we went through the critical review process. That left a total of 6 studies

that had been conducted over this time period for our review. These 6 studies met the most stringent criteria for being scientifically valid research.

And all of these studies found the interlock programs to be effective in reducing repeat drunk driving when compared with DUI programs that did not include interlock systems. Five of the 6 studies found a statistically significant effect.

And the 6th study didn't quite reach statistical significance, but it also found a positive effect of the interlock program. These studies were conducted in California, in Oregon, in North Carolina, Ohio, Maryland and Alberta, Canada.

For those studies demonstrating a statistically significant effect, the interlock program was found to repeat — to reduce repeat drunk driving by between 30 and 70 percent. The study that we felt was the most rigorous study was that conducted and published from the state of Maryland, and that study found a 65 percent decrease in drunk driving with use of the interlock program.

So our conclusions in this paper were fairly straightforward. Based upon the weight of the scientific evidence, we concluded that ignition interlock programs are an effective strategy for reducing repeat drunk driving.

Let me also say that in addition to the studies that met our formal criteria, there is a large body of both anecdotal information and a number of recent and ongoing studies that have not yet been published which also

support the effectiveness of interlock programs.

So in summary and in conclusion, what I can say is that as an emergency physician, I can testify that there is an urgent need for new innovative strategies to deal with the problem of drunk driving. And as an injury researcher, I can testify that ignition interlock programs have been demonstrated to be one of those strategies that will work.

I therefore urge support of this legislation and implementation of this program here in Pennsylvania.

And I believe that if it is implemented, we will save lives through this legislation. Thank you.

CHAIRPERSON ORIE: Thank you.

REPRESENTATIVE JOSEPES: Madam Chairwoman, thank you. Thank you for your testimony. I have a three part question about your review of the scientific studies. Did you learn anything about the longevity of the behavior of the people who had been sanctioned this way?

Did we learn anything about combination of approaches for, for instance, counseling along with using the device? And why is the span from 30 to 70 percent in

the reduction of repeat offenders? Is that because some programs were less effective than others, or was there another reason?

And if they were less effective, do we know why they were less effective?

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DR. COBEN: Well, they're all excellent questions. Let me see if I can go through them one by one. First, for the span of effectiveness, each of the -- each of the programs that were evaluated over this time period were set up slightly differently.

And as I think you heard earlier from the representative from the National Highway Traffic Safety Administration, there is a fair amount of variability in these programs, both how they're set up and also how they've been evaluated. So to some extent, I think that is the cause of the variability.

In terms of the duration of the program effect, the evidence at this point seems to indicate that once the interlocks are removed from the automobile, the program effect seems to return back to baseline, similar to those individuals who are not in an interlock program.

As you also heard, there is some additional projects going on right now to look at what is the effect of a longer program and additives to the interlock system to help improve those programs.

And finally, I would say in response to your
last question, what -- what -- what are the various
components of this and what -- how do we explain these
different effects? I think it's very important that as we
move forward with this, we also conduct some additional
research that looks for those failures, what are the
reasons for failures?

And for the success, what are the specific program elements that seem to be generating the success?

Our review of the literature, simply stated, the literature that's published right now does not really speak to that in a very clear and concise way. So I can't give you the answer. I would urge us to do more work in that regard as we move forward.

REPRESENTATIVE JOSEPHS: Thank you. Thank you, Madam Chairwoman.

CHAIRPERSON ORIE: Just a follow-up to that then in regards to this rigorous study that's conducted. And you see Maryland had 65 percent. Obviously, something they're doing there is -- puts -- making them stand out versus other states. Have you just examined specifically what they're doing?

DR. COBEN: Well, the rigor of the Maryland study was more how the program was evaluated. The Maryland study used a randomized control trial which meant that from

the very beginning, individuals who came into the legal system were either randomized into an interlock program or into another type of a program.

That is, in scientific terms, sort of the most rigorous type of study versus other studies where there was some selection by the judges and by the offenders in terms of which type of a program they would go into. So the rigor of the Maryland study has to do with its evaluation methods.

I think that additional information is still needed on the program effects and what's responsible for the different types of program effects that we're seeing.

CHAIRPERSON ORIE: I have nothing further.

REPRESENTATIVE JOSEPHS: Nothing.

CHAIRPERSON ORIE: Thank you very much.

DR. COBEN: Thank you.

CHAIRPERSON ORIE: Is Fred Fochtman here?

We're just going to proceed then to Dr. William Rauch, the

Center for Studies on Alcohol, WESTAT.

DR. RAUCH: Before I begin, I might just say I have a copy of my statement up here, and there are some figures that go with the statement. And if you don't have the figures, it may not be as easy to follow me today as if you do have them. So if you don't have them, you're welcome to get it.

Madam Chairman, members of the Committee and
guests, my name is Dr. William J. Rauch. I am a senior
study director and principal investigator at the Center for
Studies on Alcohol at WESTAT located in Rockville,

Maryland. I have more than 25 years of experience in laboratory testing, research and highway safety.

During the past eight years, my research has included either directly or indirectly three ongoing studies of ignition interlocks funded by the Insurance Institute for Highway Safety, the National Highway Traffic Safety Administration, and the National Institute on Alcohol Abuse and Alcoholism.

For the record, I would like to state that my remarks today reflect my own opinion and not necessarily those of the Center for Studies on Alcohol at WESTAT or any other funding agency.

Referring to Figure 1. More than 41,000 people in the United States were killed and over 3 million people injured in motor vehicle crashes in 1997, the last year for which data are available. Alcohol is estimated to be a factor in approximately 39 percent of these fatalities — as Jim Frank said, over 16,000. — and in 7 percent of all motor vehicle crashes. On average, about 8 alcohol-related crash fatalities have taken place during the four hours of this hearing today.

Referring to Figure 2. In 1996, NHTSA 1 2 reported a 10-year decline in overall fatality rates for alcohol intoxicated drivers. Reasons cited for this 3 10-year drop included administrative license revocation 5 laws, sobriety checkpoints, per se laws, the enactment of 6 state laws raising the legal drinking age to 21, vehicle-based sanctions, and treatment coupled with license 7 8 suspension. Clearly, enactment of state laws dealing with 9 drinking and driving can have an impact on this national 10 health problem. 11 Referring to Figure 3. The National Highway 12 Traffic Safety Administration has set a national goal of no 13 more than 11,000 alcohol-related traffic fatalities by the 14 year 2005. Unfortunately, the downward trend of the last 15 decade appears to be leveling off. 16 For the nation, in 1994, about 41 percent of 17 fatalities were alcohol-related; in 1995, 41 percent; in 18 1996, 41 percent; and in 1997, 39 percent. 19 Referring to Figure 4. For Pennsylvania, in 20 1994, about 41 percent of fatalities were alcohol-related; 21 in 1995, 41 percent; in 1996, 41 -- I'm sorry. -- 39 22 percent; and in 1997, 41 percent. Thus, the proportion of

If we are to meet NHTSA's national goal of no

fatalities that were alcohol-related in Pennsylvania

closely mirrors the US trend.

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more than 11,000 alcohol-related fatalities by the year 2005, we need additional countermeasures.

Referring to Figure 5. Tougher laws, increased enforcement, and a greater public awareness of the dangers of drinking and driving have reduced driving while impaired -- or in Pennsylvania, under the influence. -- over the past decade.

While such laws may be effective in preventing most of the population from drinking and driving, there has been relatively little success in preventing alcohol-impaired driving among a more recalcitrant population known as the persistent drinking driver or repeat offender.

Of the current approaches, license revocation appears to hold the greatest potential for reducing recidivism. However, such an approach may be of limited effectiveness with multiple alcohol offenders, many of whom continue to drive with a suspended or revoked license.

Referring to Figure 6. In general, the persistent drinking driver tends to be young, male, of lower socioeconomic status, a high risk taker, exhibits antisocial tendencies, favors beer, has a sense of invulnerability, and is not receptive to deterrence-based sanctions.

In other words, I question whether tougher

laws, increased enforcement, and greater public awareness are sufficient to deter this particular population from drinking and driving.

on deterrence-based strategies. What may be needed to deter the persistent drinking driver who may not be receptive to deterrence-based interventions is an alternative DWI countermeasure that focuses directly on separating drinking from driving and relies as little as possible on human decision-making. Such a device is the ignition interlock.

Referring to Figure 7. While promising in theory, alcohol breath-analyzed ignition interlocks represent a countermeasure that has not been adequately evaluated in scientific studies. Support for interlocks has come largely from exaggerated claims from interlock providers, attitude surveys, misrepresentations of published research, and reviews of methodologically limited studies.

Prior evaluation findings report -- excuse me.

Prior evaluation studies report positive effects. Some

findings suggest that interlocks have a positive but

nonsignificant effect upon reducing the risk of a

subsequent alcohol traffic violation.

Others report that ignition interlocks can

significantly reduce the risk of alcohol traffic violations
by 66 to 75 percent. At least two studies, either in
progress or pending final reports, suffer from the same
self-selection biases and/or methodological problems of
earlier studies.

In summary, the lack of an appropriate comparison group, nonrandom assignment, self-selection bias, judicial prerogative, mixing of first and multiple alcohol offenders, lack of compliance or monitoring of interlock restrictions, and inability to enforce compliance makes the evidence from these studies inconclusive.

Although promising, the results of these studies are not generalizable to the state of Pennsylvania. I would like to stress that the methodological problems associated with previous ignition interlock evaluations are not shortcomings of the researchers but reflect the difficulty of performing scientifically valid highway safety research.

I was fortunate to design and take part in a study in the state of Maryland from an idea by Doctors

Kenneth Beck and Elizabeth Baker which overcame many of the problems associated with previous evaluations. For allowing the study to take place, I would like to express my appreciation to the Maryland Motor Vehicle

Administration, without whose help the study would not have

been possible.

Because of time constraints, I will highlight the main findings of the study. I have also submitted a copy of our paper for the Committee's review. The purpose of this investigation, titled "The Effects of Alcohol Ignition Interlock License Restrictions on Multiple Alcohol Offenders: A Randomized Trial in Maryland", was to test the real world effectiveness of an ignition interlock license restriction program at preventing DUI/DWI recidivism in a group of multiple alcohol offenders.

For the record, I would like to clarify that this study, often referred to as the Maryland Interlock Study, did not assess the effectiveness of interlocks per se, but rather an alcohol ignition interlock license restriction program.

Referring to Figure 8. A total of 1,387 multiple alcohol offenders were assigned to this study. Of that total, 698 were randomly assigned to the ignition interlock program and 689 to the control program. The principal dependent measure was whether the offender was arrested for an alcohol-related traffic offense during the period the alcohol license restriction was in effect.

One year after assignment, 2.4 percent of the 698 offenders in the interlock license restriction program and 6.7 percent of the 689 offenders in the control group

had committed an alcohol traffic violation, a statistically significant difference.

This indicated that being in the interlock license restriction program reduced the risk of an alcohol traffic violation by about 65 percent during the one-year interlock license restriction program.

Referring to Figure 9. The results of this evaluation show that an administrative ignition interlock license restriction program can significantly reduce alcohol traffic recidivism while the interlock license restriction is in effect.

The high program acceptance rates for both the cases and controls indicate that multiple alcohol offenders are receptive to, will participate in, will comply with, and will adhere to the conditions of the interlock license restriction program.

Further, there was no evidence that the interlock license restriction group had a significantly lower rate of program acceptance or re-licensure. Thus, therefore, the reductions in recidivism cannot be said to be due to a differential degree of administrative monitoring or re-licensure between the two groups.

Interlock license restriction programs clearly work best when cases are carefully screened, restrictions closely monitored, enforcement is certain and swift, and

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1	when administered through the licensing agency.
2	Referring to Figure 10. An ignition interlock
3	license restriction program, like license revocation, is
4	not a foolproof system for preventing drinking and driving.
5	It does not prevent a driver from operating a
6	non-interlocked vehicle, just as a license revocation
7	cannot prevent a driver from driving.
8	However, similar to license revocation,
9	drivers may elect to drive fewer miles and more
10	conservatively as a result of the interlock license
11	restriction in order to preserve their driving privilege.
12	This program dealt with multiple alcohol offenders whose
13	medical history or driving record warranted a medical
14	review by a board certified physician prior to being
15	considered eligible for a license.
16	In a sense, this was the worst of the worst
17	multiple alcohol offenders. When this program is applied
18	to different populations or under different settings,
19	different effects may be expected.
20	Mr. Chairman Madam Chairman, this concludes
21	my prepared statement. I will be happy to answer any
22	questions you or other members of the Committee may have.
23	CHAIRPERSON ORIE: I have no questions.

REPRESENTATIVE JOSEPHS: No.

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Representative Josephs?

CHAIRPERSON ORIE: No questions. Thank you very much for the information you provided us.

DR. RAUCH: Thank you.

CHAIRPERSON ORIE: Our next speaker is Dr. Fred Fochtman, Director and Chief Toxicologist from the Allegheny County Coroner's Office. You may begin.

DR. FOCHTMAN: Madam Chairman, when I got the invitation to testify at today's hearings, I wasn't sure what my contribution could be. And as far as the interlock situation's concerned, as far as the system is concerned, I know that there is — there are data out there that show that it's beneficial.

But as far as my contribution is concerned, I felt that it would be necessary or behoove me to express statistics that are present in Allegheny County as far as blood alcohol concentration, breath alcohol concentrations of drivers who have been apprehended for driving under the influence.

I also want to mention that I've been teaching and studying the effects of alcohol for about 21 years in the school pharmacy at Duquesne University. And for the past year and a half, I've been involved with the Allegheny County Coroner's Office, Division of Laboratories, as the Director of the laboratories.

And I was -- I was quite astonished at the

number of very high blood alcohol concentrations that I
would see from a day-to-day situation where blood con -blood samples that have been drawn from individuals in

5 analyses and also from the data that was submitted on

Allegheny County and submitted to the laboratory for

6 breath tests that have been done throughout the county.

And what I prepared is a table giving information for approximately the last six months. And if you would take a look at first the breath test alcohol, it's broken down by month. And you can see that for a 6-month period of time, the significant numbers here are from a .10 percent to a .199 percent represents 702 individuals.

From 0.20 percent to 0.299 represents 262 individuals. And above .30, 16 individuals. Above .40 is 3 individuals. And what -- and if you look at the next section under blood alcohol, these are analyses that have actually been done on blood samples that have been submitted to the laboratory.

And again, if you would look at the -- under the 0.10 percent and 0.199, it represents 425 individuals. And above .20 to .299, 310. And above .30, 27. If you look at the totals, this would indicate over a 6-month period of time from .10 to .199, we've had 1,127 individuals; above .20 to .299, 572.

Now, the significance of this is that in my

teaching, in my understanding of the effects of alcohol,

which involves the tolerance to alcohol, it involves the -
the effects on the central nervous system, the impairment,

the impairment to judgment, the impairment to reactions,

impairment to vision, et cetera, which is necessary for

driving safely, I have a good understanding of -- of what

the blood concentrations mean in various individuals.

And it's very well-known and well-documented that above a .10 percent, no matter what the level of tolerance is in an individual, that they are going to have levels of impairment that would make them unsafe to drive. And what I felt that I could contribute today is that in concentrations that are above .20 and above, these individuals are definitively showing signs of intoxication.

And what would -- what this would mean to me is that this is a significant number of people that are heavy users of alcohol. And -- and I believe that in this region or in this area are those individuals that are the repeat offenders. I don't have the data or don't have an opportunity to obtain data on individuals that are repeat offenders.

But more recently in Allegheny County, there has been individuals that have been involved in automobile accidents and automobile deaths that have been repeat

offenders. And I feel that -- I realize that -- I knew
that my testimony would be relatively short, but I felt it
would be significant.

CHAIRPERSON ORIE: I appreciate that. And we've had testimony prior to this in regards to the Allegheny County District Attorney's Office indicating that Allegheny County's one of the top counties in the state in regards to alcohol offenses. So I certainly appreciate that. Representative Josephs?

REPRESENTATIVE JOSEPHS: I have nothing.

CHAIRPERSON ORIE: We have no further questions. I appreciate your data, and we certainly would put this in the record.

DR. FOCHTMAN: Thank you.

CHAIRPERSON ORIE: Thank you very much. We were going to take a 10-minute break before we do the demonstrations of the alcohol interlock devices. If everybody would report back here. We're going to try to get the vehicles out in the front of the building. So if everybody would report back here at 1 o'clock. Thanks.

(A recess was taken.)

MR. BISSETT: I'm Phillip D. Bissett, Director of Legislative Affairs for Guardian Ignition Interlock.

I'm a former Maryland legislator. I served eight years on the Maryland House Judiciary Committee. And the purpose of

Guardian being here today is to provide a live demonstration of the ignition interlock device.

We have the newest technology model with us that will be introduced in Pennsylvania if the legislation passes. And the simple purpose is to have it here so legislators and interested people can go out there and try it and see how the system works.

MR. ROTH: Well, my name is Thomas Roth. And I'm President of Interlock Installation Services. And we're located in Mechanicsburg, Pennsylvania. We provide ignition interlock services for Cumberland County, for York County, Dauphin, Berks, Lehigh and Blair Counties.

We've been doing it since 1990. And we took the company over for those counties from Guardian Technologies in Cincinnati, Ohio. The program has grown during the time that we've taken it over. And we have improved the technology. Today's interlock is alcohol specific.

It requires a blow hum in order to start the car. It looks for a -- what we refer to as a human signature and requires a rolling retest. And there are immediate sanctions if the person violates the interlock. For example, if a person were to refuse to take a retest for any reason, they would be required to come back to the service center within seven days.

If they were to hot-wire or push-start the
vehicle, they would be required to come back within five
days. We do these things to make sure that the people are
complying with the program and to make sure that they don't
wait for the 30- or 60- or 90-day checkup.

We have plans to open other offices throughout the state. Immediately on the drawing board is a facility in Pittsburgh somewhere, Scranton/Wilkes-Barre area, and somewhere in the middle of the state, somewhere near Altoona or Indiana.

We think that ignition interlock is a really important way to keep people from drinking and driving. We find that it in our experience -- perhaps it's anecdotal.

-- but our experience is that it does keep people from repeating the offense because it's a behavior modification tool that teaches them not to drink and drive.

We do support the idea that impairment begins with the first drink. But in a world where people are bombarded with advertising, Bud commercials, Smirnoff and Absolut commercials, people will tend to drink. We want to make sure that they don't drive. And that's our mission from -- for interlock installation services.

(Whereupon, at 1:19 p.m., the hearing adjourned.)

I hereby certify that the proceedings and evidence are contained fully and accurately in the notes taken by me during the hearing of the within cause and that this is a true and correct transcript of the same. JENNIFER P. TROUTMAN Registered Professional Reporter My Commission Expires: April 30, 2001 JENNIFER P. TROUTMAN, RPR P.O. Box 1383 2nd & W. Norwegian Streets Pottsville, Pennsylvania 17901