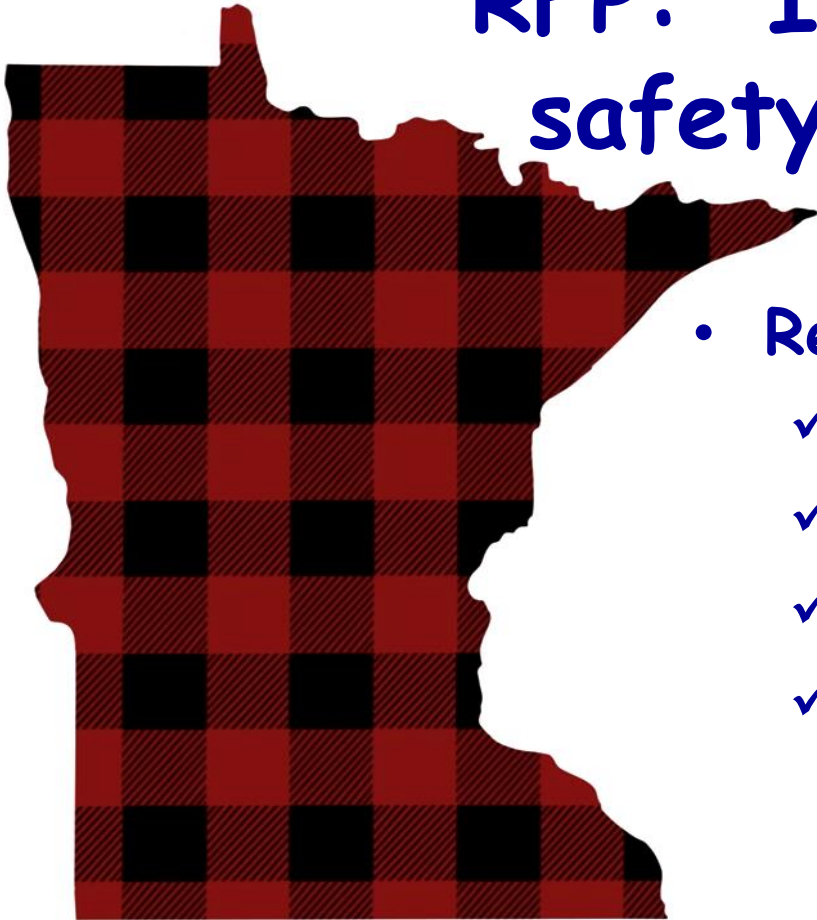


Minnesota's Older Driver Safety Project

Driving, Aging, Road Safety
Making it Happen!

Joan Somes PhD, RN-BC (geriatrics), CEN, CPEN, FAEN, NRP

RFP: "Increase older driver safety across Minnesota"



- Required organization with:
 - ✓ 501c3 status
 - ✓ knowledge of geriatrics
 - ✓ invested in injury prevention
 - ✓ willingness to work with other agencies

MN Emergency Nurses Association received the grant in Jan. 2019



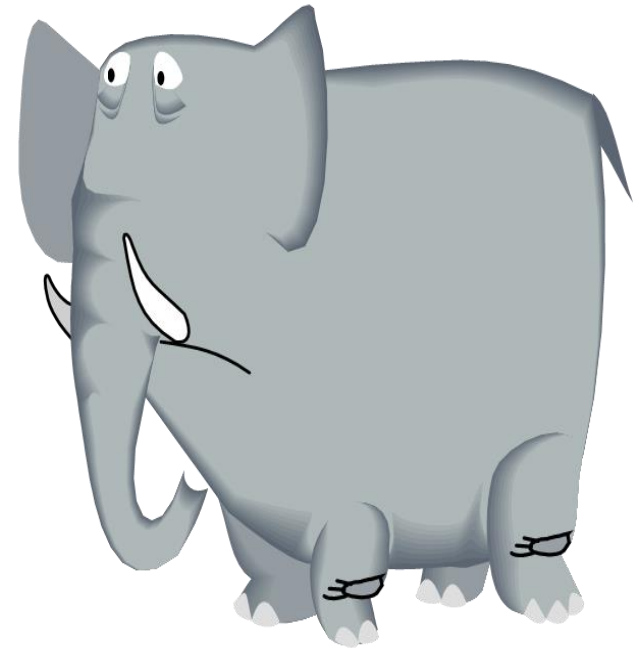
www.minnesotaena.com

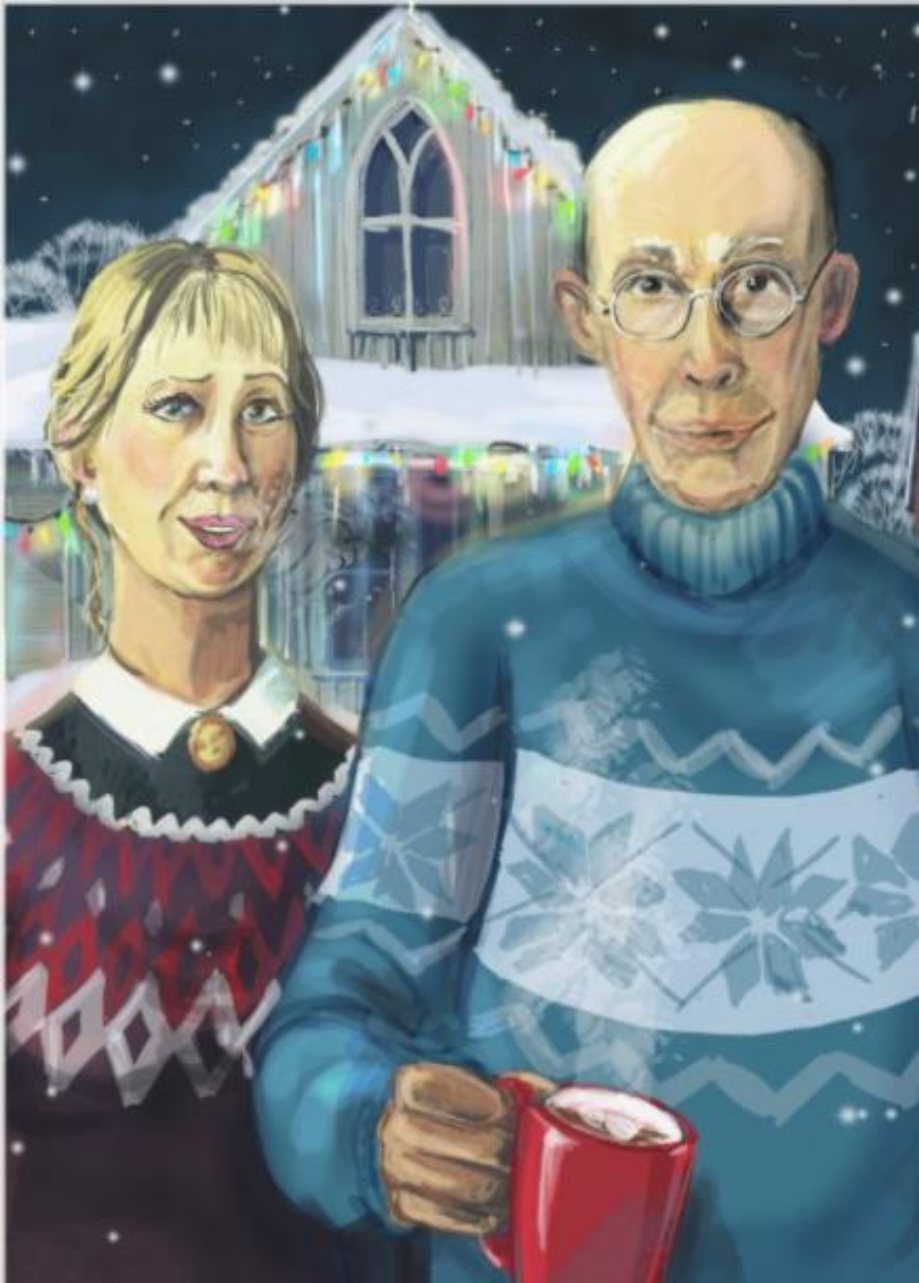
www.minnesotatzd.org

Step 1 - learn more about situation

Older drivers - often seen as
the "elephant in the room" !

Everyone wants
something done,
but....





American winter by Julia Frantseva
a parody on Grant Wood's "American gothic"

American drivers are aging!

But we are ALL aging
every day!

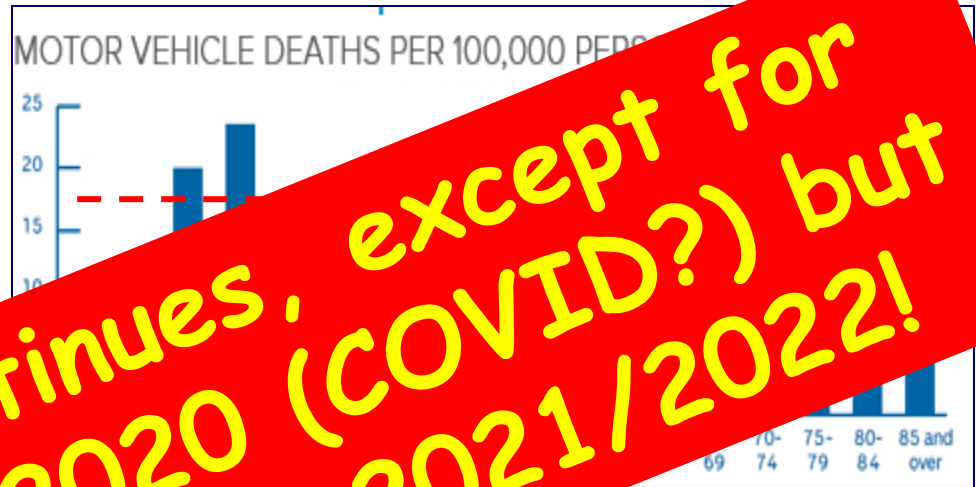
Ages 60-65 seems to
have been deemed
"older drivers"!

The number of US licensed
drivers 65+ increased by about
14.4M from 2008 to 2020
(32.2M in 2007 to 46.7M in 2020)*

<https://www.fhwa.dot.gov/policyinformation/statistics/2020/pdf/dl220.pdf>

Age of road-related deaths shifted

In 2008, more teens & young adults were dying the in crashes. By 2017, older drivers (75+) died in a similar number at a similar rate to the



This pattern continues, except for a slight drop in 2020 (COVID?) but is increasing again in 2021/2022!



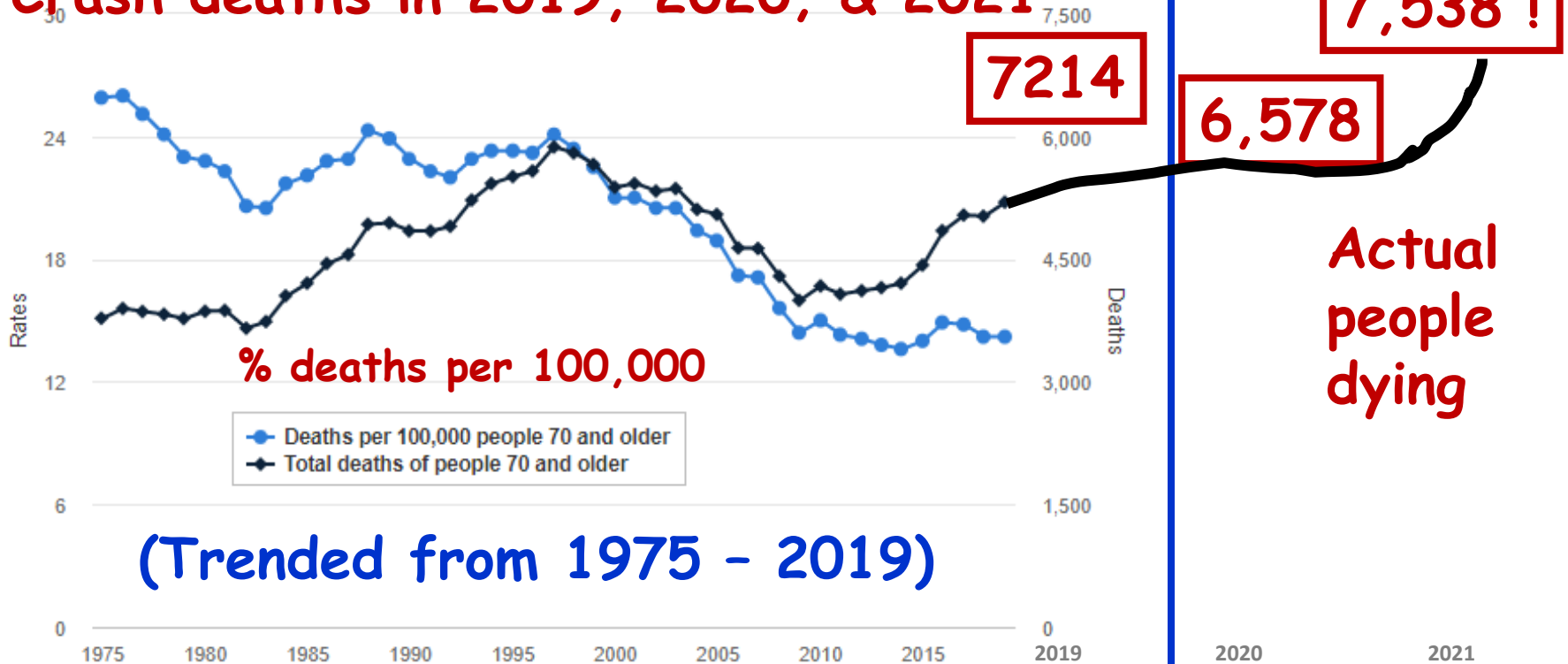
*<https://www.iii.org/article/background-on-older-drivers>

Institute for Insurance Information (III) report of fatalities by age for 2019

**<https://www.iihs.org/topics/fatality-statistics/detail/older-people>

Increasing number of people, 65 & older, are dying on our roads

Crash deaths in 2019, 2020, & 2021

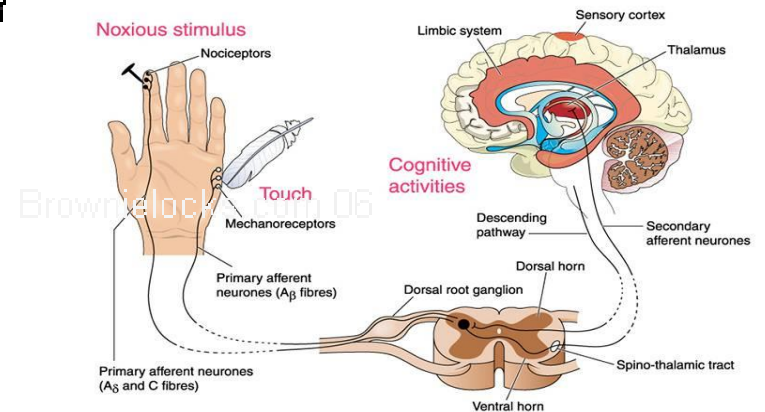
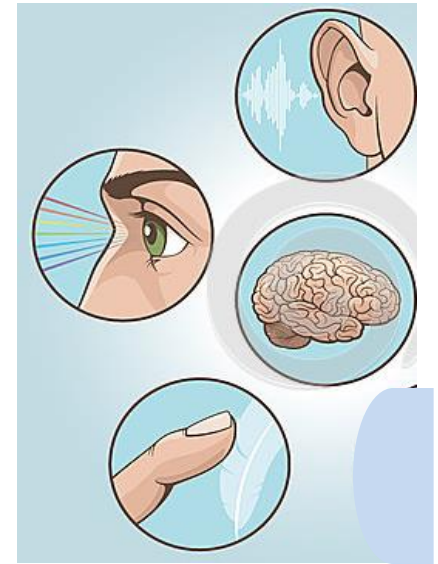
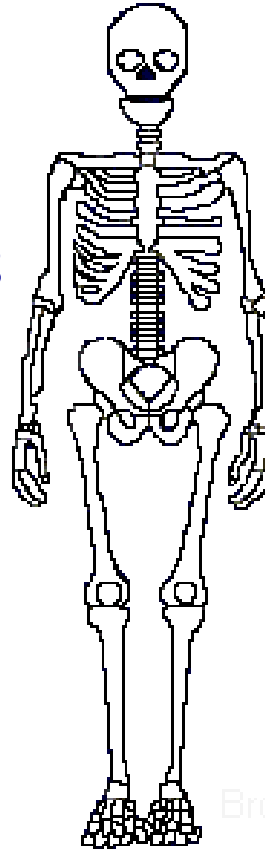


<https://www.iihs.org/topics/fatality-statistics/detail/older-people>

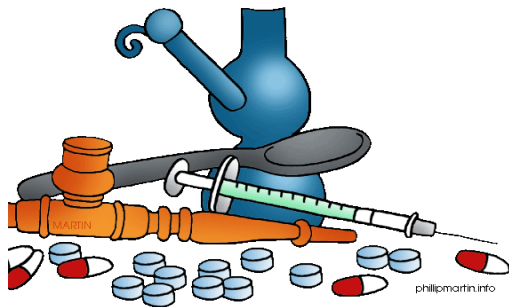
[Early Estimates of Motor Vehicle Traffic Fatalities and Fatality Rate by Sub-Categories 2021 \(dot.gov\)](#)

How the Body is Affected by Aging

- Muscle strength & flexibility
- The ability to sense feeling in feet/hands
- Eyes (vision) & ears (hearing)
- Brain's ability to process sensory information from eyes, ears, nerves
- Reaction time
- Pain with movement



Physical and cognitive impairment associated with aging can lead to driving errors, or indicators, similar to those seen when someone is driving under the influence of drugs or alcohol!



Failure to yield more frequently seen in older drivers

Contributing Factors	to Senior Drivers*	to Senior Drivers*	Other drivers
Human Factors			
Failure to Yield Right of Way	1,700	24.1%	888
Careless/Negligent/Erratic Driving	604	8.6%	671
Following Too Closely	584	8.3%	898
Improper Lane Usage	421	6.0%	188

Contributing factors in 12,698 crashes involving senior-drivers (age 65+) in 2016*

Difficulty seeing, hearing, judging distances/speed of other cars, slower ability to respond

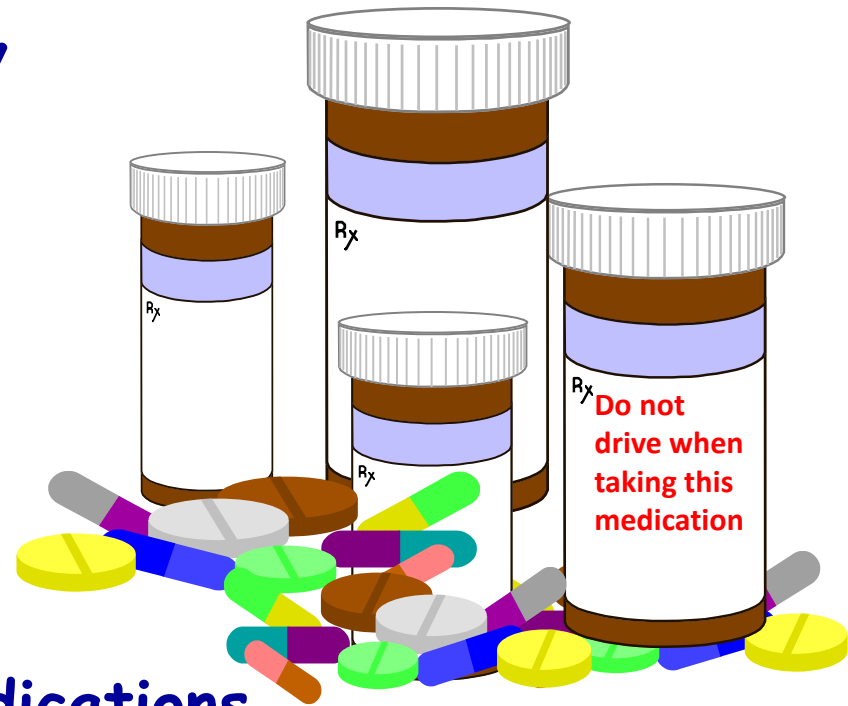
Increased frailty due to aging



© CanStockPhoto.com

Additionally, older adults are more likely to be taking medications which affect the ability to drive safely

- Pain medications
- Sleeping pills
- Seizure medications
- Muscle relaxers
- Anti-nausea medications
- Eye drops
- Blood pressure & heart medications
- Any medication that can cause drowsiness, dizziness, blurred vision, muscle relaxation



Care providers or pharmacist can provide information if medications can cause problems driving!

Aging-related conditions that can cause physical & cognitive changes

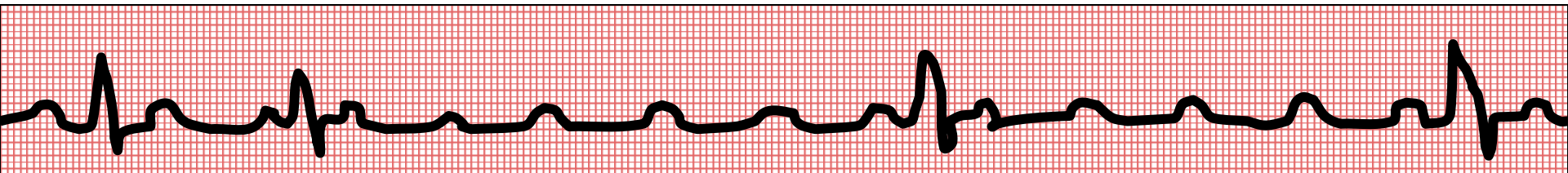
- Stroke
- Diabetes
- Peripheral neuropathies
- Arthritis
- Parkinson's disease
- Alzheimer's disease
- Heart/lung disease
- Glaucoma, macular degeneration, loss of peripheral / night vision



Sudden onset, or change in of any of these may result in a crash!

It's actually the symptoms of these conditions that can cause unsafe driving

- Irregular heart rhythm
- Low or high blood sugar
- Low oxygen level
- Low blood pressure
- Loss of/decreased sensation or movement in arms or legs
- Pain with joint movement
- Dizziness/altered mental status



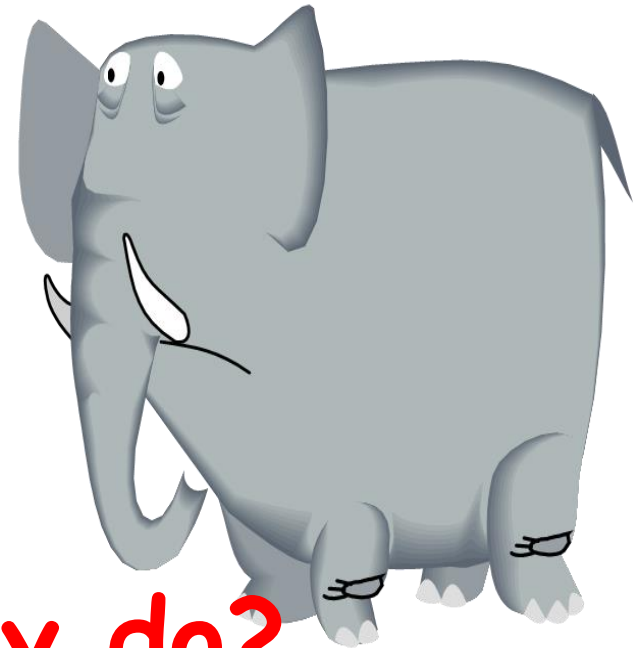
Frailty leads to increased deaths

- Aging leads to physiological changes in the body making it less able to tolerate a crash and recover from injury
- Complications and underlying conditions often lead to death long after the crash



Where does one start & who should be made responsible?

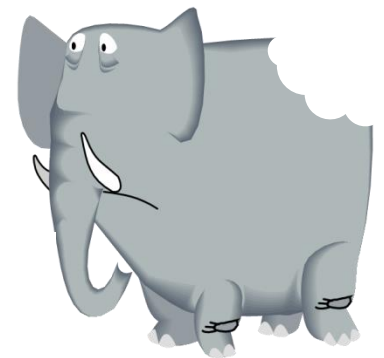
- Nursing? Physicians? Other medical personnel?
- Law enforcement? Judges?
- Dept. of Transportation/Public Safety/DVS
- Older drivers?/their families?
- Legislators?
- Insurance companies?
- Churches? Social programs?
- Engineering?



And what should they do?



Roadblocks!
Barriers!
Advice!



Step 2 - create safety net now!

- Find & deploy a simple screening tool that identifies impaired driving due to normal aging process
- Get the unsafe driver off the road (at least for right now!)





Rule out the 3 D's that can affect driving: **drinking, drugs, being distracted....**

Screen for cognitive impairment (dementia, declining cognition).

Get them to safety if they are cognitively impaired?

Law Enforcement recognizes alcohol or drug-related impairment as part of Standard Field Sobriety Test.

The older driver project provided information on "normal aging", use of screening tool, and options.

**Objectively
"measuring"
a driver's
cognitive
ability**



Driver Orientation Screen for Cognitive Impairment - DOSCI*

The original DOSCI was based on California Law & Dept. of Vehicular Services procedure.

Minnesota law & DVS procedure differed. Obtained permission to adjust DOSCI screening tool and card.

Changes included: deleting the questions written in Spanish and adjusting actions. (Minnesota does not have a priority exam.)

*Adjusted because Minnesota does not have a "priority" re-exam and to incorporate Minnesota related resources

DOSCI
DRIVER ORIENTATION SCREEN FOR COGNITIVE IMPAIRMENT

RULE OUT

- Intoxication from alcohol, prescription medication, illicit drugs, or other impairing substances
- Urgent medical conditions

ASK ALL 9 QUESTIONS - EACH INCORRECT RESPONSE IS WORTH ONE POINT

1. What is your date of birth? _____ 1 PT
¿Cuál es su fecha de nacimiento? _____
Month, day, and year required; must match document
2. What is your full home address? _____ 1 PT
¿Cuál es su dirección (número, calle, ciudad, estado)? _____
Address provided must match document; if not, prompt for address listed on document.
3. What state are we in now? _____ 1 PT
¿En qué estado estamos en este momento? _____
4. What city/town are we in now? _____ 1 PT
¿En qué ciudad estamos en este momento? _____
5. Without looking at your watch, can you estimate what time it is now? _____ 1 PT
¿Sin mirar su reloj, puede decirme aproximadamente qué hora es? _____
Answer provided must be plus or minus one hour of correct time
6. What day of the week is it? _____ 1 PT
¿Qué día de la semana es hoy? _____
- 7-9. What is today's date? _____ 1 PT
¿Cuál es la fecha de hoy? _____
Prompt for month, day and year if needed
 - Month (Mes) _____ 1 PT
 - Day (Día) _____ 1 PT
 - Year (Año) _____ 1 PT

SCORING CRITERIA

5 OR MORE INCORRECT	→	REQUEST RE-EXAM Unsafe to drive; refer to department procedures for alternative transportation and vehicle removal
3-4 INCORRECT	→	REQUEST RE-EXAM Potentially unsafe to drive; consider totality of circumstances
0-2 INCORRECT	→	NO REFERRAL or RE-EXAM Based on totality of circumstances

ADDITIONAL QUESTIONS TO ASSIST IN EVALUATION

1. Where are you coming from and where are you going?
¿De dónde viene y a dónde va?
2. Will you please spell your name?
Por favor deletree su nombre
3. Do you have an emergency contact? What is their name and phone number?
¿Tiene un contacto de emergencia? ¿Cuál es su nombre y número de teléfono?

Medical/Vision Unit, Monday-Friday, 8:00am - 4:00pm 785-368-8971

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DOSCI adjusted for Minnesota*

- DOSCI maybe be used for any age pedestrian, bicyclist, or motorist.
- Questions do not need to be asked in order & may be worked into the conversation.
- **All 9 questions must be asked to create a score.**
- Each answer is 1 point.
- The 3 “bonus” questions provide additional helpful information about the driver's cognition.

DOSCI
**DRIVER ORIENTATION SCREEN FOR
COGNITIVE IMPAIRMENT**

RULE OUT INTOXICATION AND URGENT MEDICAL CONDITIONS

ASK ALL 9 QUESTIONS –
GIVE ONE POINT FOR EACH INCORRECT RESPONSE

1. What is your date of birth
2. What is your full home address
3. What state are we in now?
4. What city/town are we in now?
5. Without looking at your watch, can you estimate what time it is now? (Answer provided must be plus or minus one hour of correct time)
6. What day of the week is it?
- 7 – 9. What is today's date?
 - Month
 - Day
 - YearPrompt for month, day, & year if needed

5 OR MORE INCORRECT: Unsafe to drive today ; refer to department procedures for alternative transportation and vehicle removal
Submit [Request for Examination of Driver](#)

3-4 INCORRECT: Potentially unsafe to drive today; consider totality of circumstances/need for re-exam

0-2 INCORRECT: Based on totality of circumstances. Does not need referral for examination based on cognition

Additional questions to determine orientation

1. Where are you coming from and where are you going?
2. Will you please spell your name?
3. Do you have an emergency contact? What is their name and phone number?

Used, and adjusted with permission TREGS and University of California, San Diego

*From the Driver Orientation Screen for Cognitive Impairment – DOSCI developed by Univ. of CA – San Diego used and adjusted with permission because Minnesota does not have a “priority” re-exam and to incorporate Minnesota related resources

The Questions

Rule out: INTOXICATION AND URGENT MEDICAL CONDITIONS

ASK ALL 9 QUESTIONS -

GIVE ONE POINT FOR EACH INCORRECT RESPONSE

1. What is your date of birth
2. What is your full home address
3. What state are we in now?
4. What city/town are we in now?
5. Without looking at your watch, can you estimate what time it is now? (Answer provided must be plus or minus one hour of correct time)
6. What day of the week is it?
- 7 - 9. What is today's date?
 - Month • Day • YearPrompt for month, day, & year if needed

Bonus points - spell name, where going to/coming from, phone number of family

What do the DOSCI scores mean?

Answers all but one or two questions correctly = cognitively intact.

Driver should be able to absorb road information, follow the rules of road, make good decisions, & drive in safe manner.



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3-4 answers wrong = may be slightly confused.

May be having trouble interpreting or processing what is being said, asked, or traffic information.

May be situational, driving now is probably unsafe!



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May be having trouble interpreting or processing what is being said, asked, or traffic information.

May be situational, driving now is probably unsafe!

5 or more answers wrong = highly confused and this is most likely not new. Driver will likely have difficulty controlling the vehicle, following roadway information, responding to traffic threats, may end up lost/dead.

It is best for all if they don't drive at this time & recommend completion of Request for Examination of Driver Form.



Instructions to end-users

If unable to answer most DOSCI screening questions -
also unlikely to process information to safely drive
a vehicle (or remember how to get home!)*

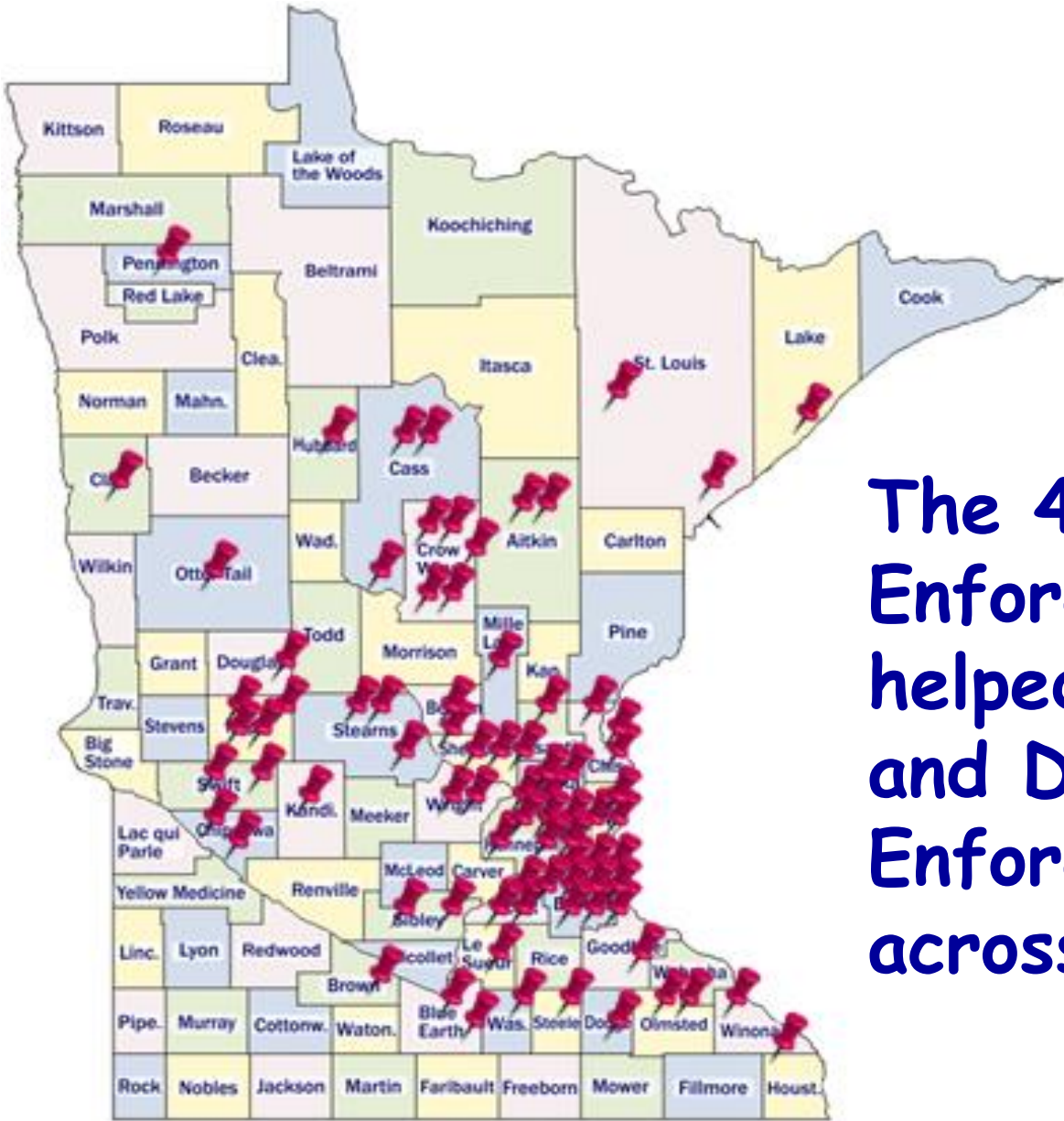
Identify alternative method of getting driver home
(call family, EMS, or follow departmental procedure).

Current confusion may only be situational/temporary!
Safer if the driver did not get back behind the wheel.
Not a guarantee loss of license!

* Hill, L., Rybar, J., Stowe, J., Jahns J. Development of a curriculum and roadside screening tool for Law enforcement identification of medical impairment in aging drivers (2016) Injury Epidemiology 3:13 DOI 10.1186/s40621-016-0078-3 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4858548/pdf/40621_2016_Article_78.pdf

**DOSCI only
deployed if
unsafe driving
is witnessed.
Not intended
to be used to
“profile” drivers!**





The 4 Regional Law Enforcement Liaisons helped introduce me and DOSCI to Law Enforcement agencies across Minnesota.

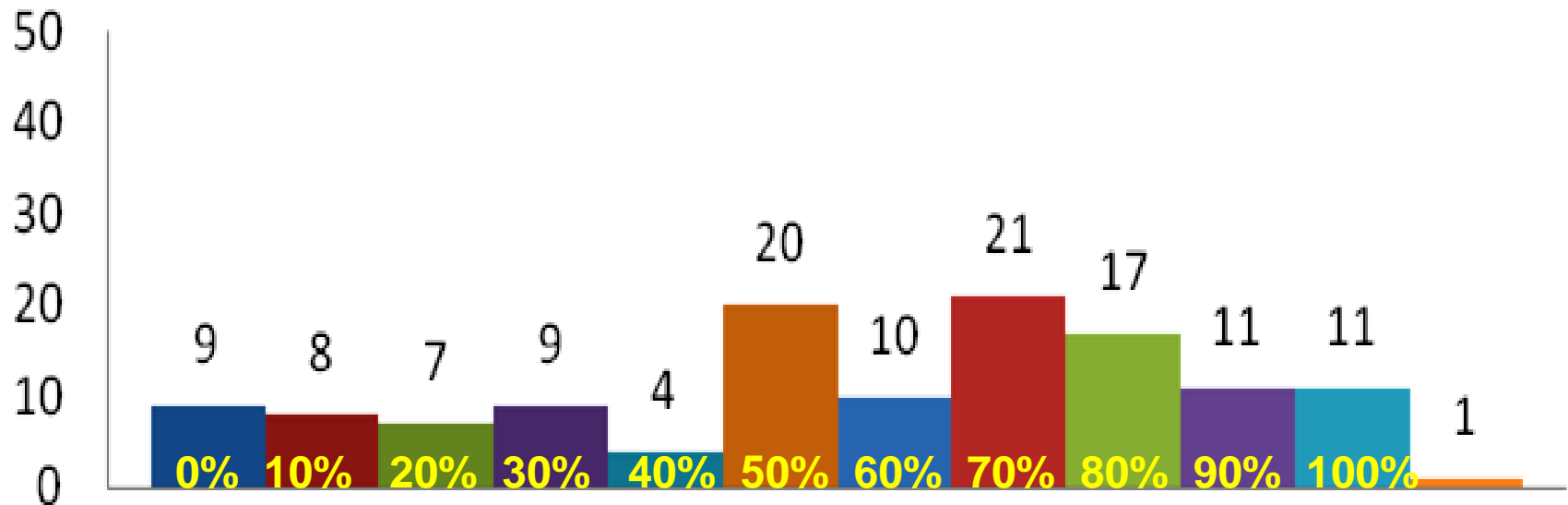
Pins = Locations/agencies requesting DOSCI training

Agencies were sent laminated, pocket-sized cards and link to an on-demand webinar that described changes associated with aging, how to use the DOSCI tool, and information about the “Request for Evaluation of Driver” form.

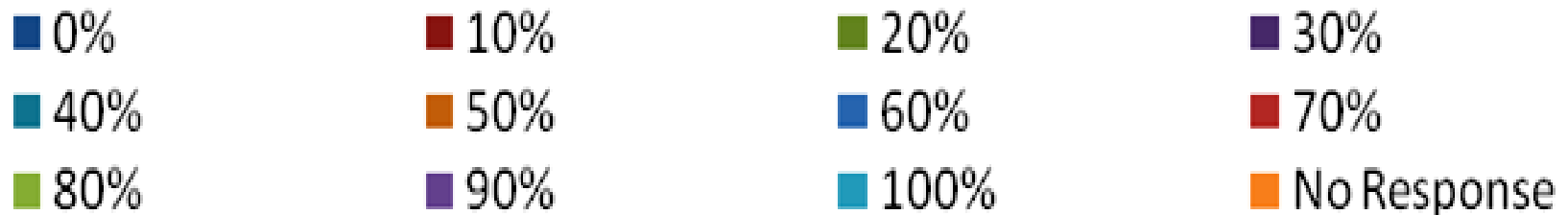


MN Safety council helped obtain POST hours and create the online webinar

Did LEO's find info and DOSCI helpful?

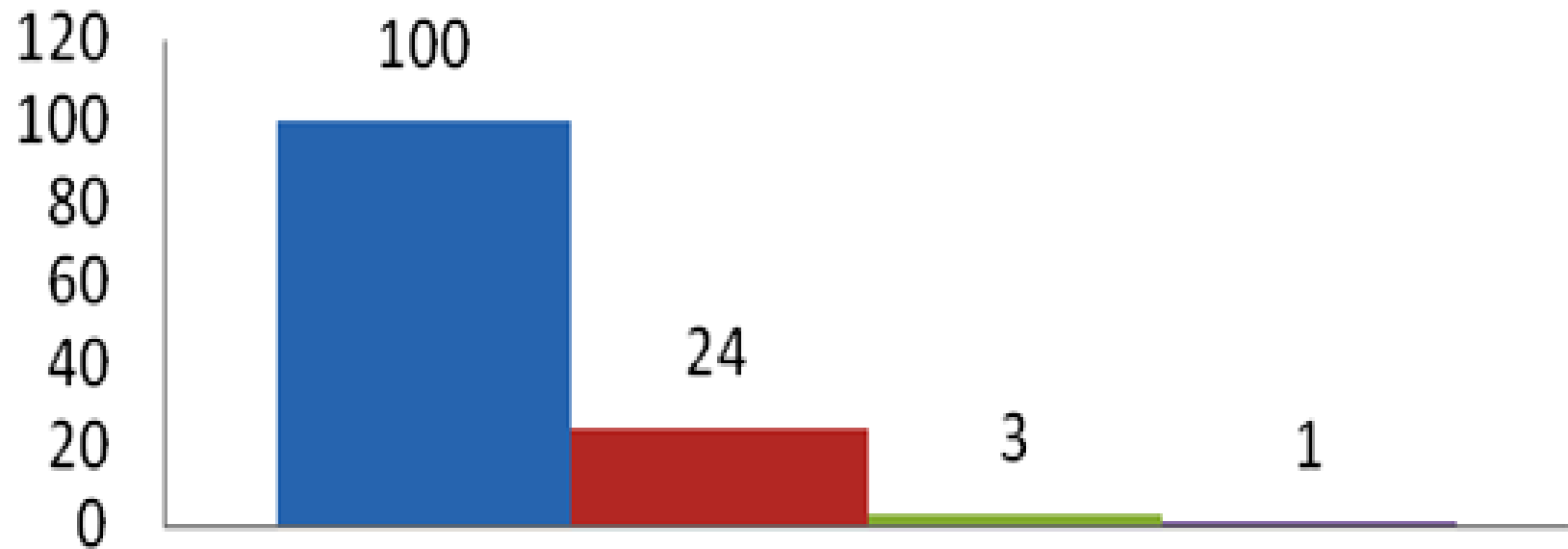


After viewing the video how much would you say your confidence in recognizing cognitive impairment has changed?



*From the 128 evals returned

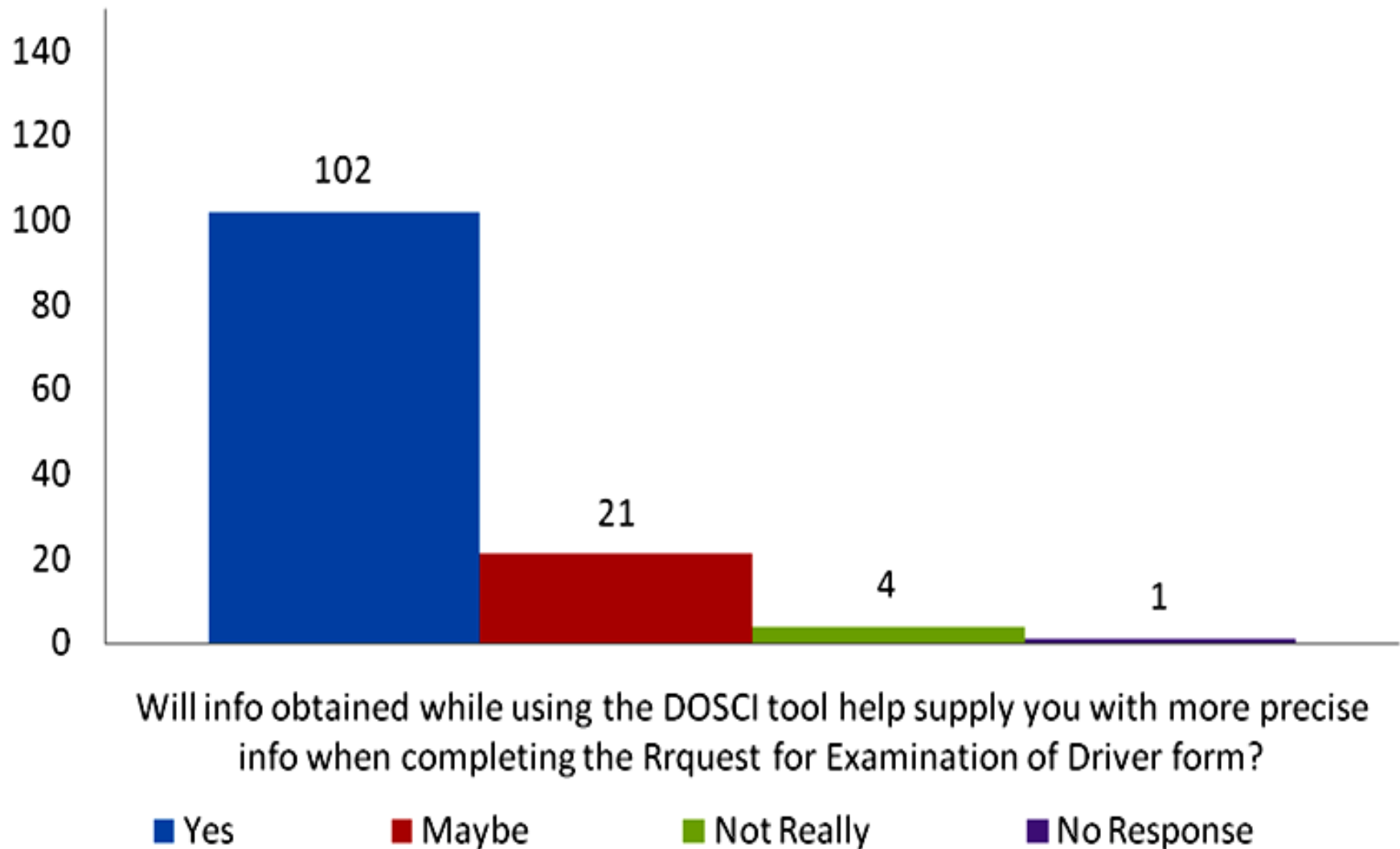
Did LEO's find info and DOSCI helpful?



Do you think the DOSCI tool will be a useful tool to determine if a driver is cognitively impaired and unsafe to drive?

■ Yes ■ Maybe ■ Not Really ■ No Response

Did LEO's find info and DOSCI helpful?



Dispelling a fear & myth



"Request for Examination of Driver"

MINNESOTA DEPARTMENT OF PUBLIC SAFETY
DRIVER AND VEHICLE SERVICES
DRIVER EVALUATION UNIT
445 MINNESOTA ST., SUITE 170
ST. PAUL, MN 55101-5170

Print Form

REQUEST FOR EXAMINATION OF DRIVER

DRIVER INFORMATION

First Name of Driver _____ Middle Name _____ Last Name _____
Street Address _____ City _____
Driver's License Number _____ Date of Birth _____

INCIDENT INFORMATION

Date and Time of Incident _____ Location of Incident _____
Was an accident involved? YES NO Was the driver given a citation? YES NO

Check one or more of the following that apply and describe in the summary section below:

General physical/health problem Mental or emotional problem (including road rage, memory loss, etc.)
 Diabetic loss of consciousness or voluntary control Loss of consciousness or voluntary control (seizures)
 Vision problem Lack of knowledge of traffic laws
 Lack of physical driving skills Other _____
 Violation of "ANY USE OF ALCOHOL/DRUG INVALIDATES LICENSE" restriction
(please attach report verifying alcohol/drug use)

SUMMARY - Describe in detail the driving actions or conditions that brought this driver to your attention. Why do you feel this driver should be re-examined? Please attach any pertinent reports that would be helpful to the driver evaluator. Age alone cannot be considered good cause for re-examination.

Reports from family members concerning an individual's ability to drive are confidential (M.S. 13.65). Driver and Vehicle Services is required to disclose the identity of all other person(s) reporting at the driver's request. Failure to provide the information requested below will result in no action being taken on the report.

I therefore submit this information to the Driver Evaluation Unit as good cause for re-examination of this driver under Minnesota Statute 171.13.

Signature of Officer or Person Reporting _____ Date _____
Title or Relationship to Driver _____ Badge Number (if applicable) _____ Phone Number _____
Law Enforcement Agency or Printed Name of Person Reporting _____ City _____

PS21926-08 (2/11/10)

Not an automatic loss of license!

- Cannot be issued based only on age
- Submitter's name may, or may not be "protected"
- Only first step in process

Forms with most impact were:

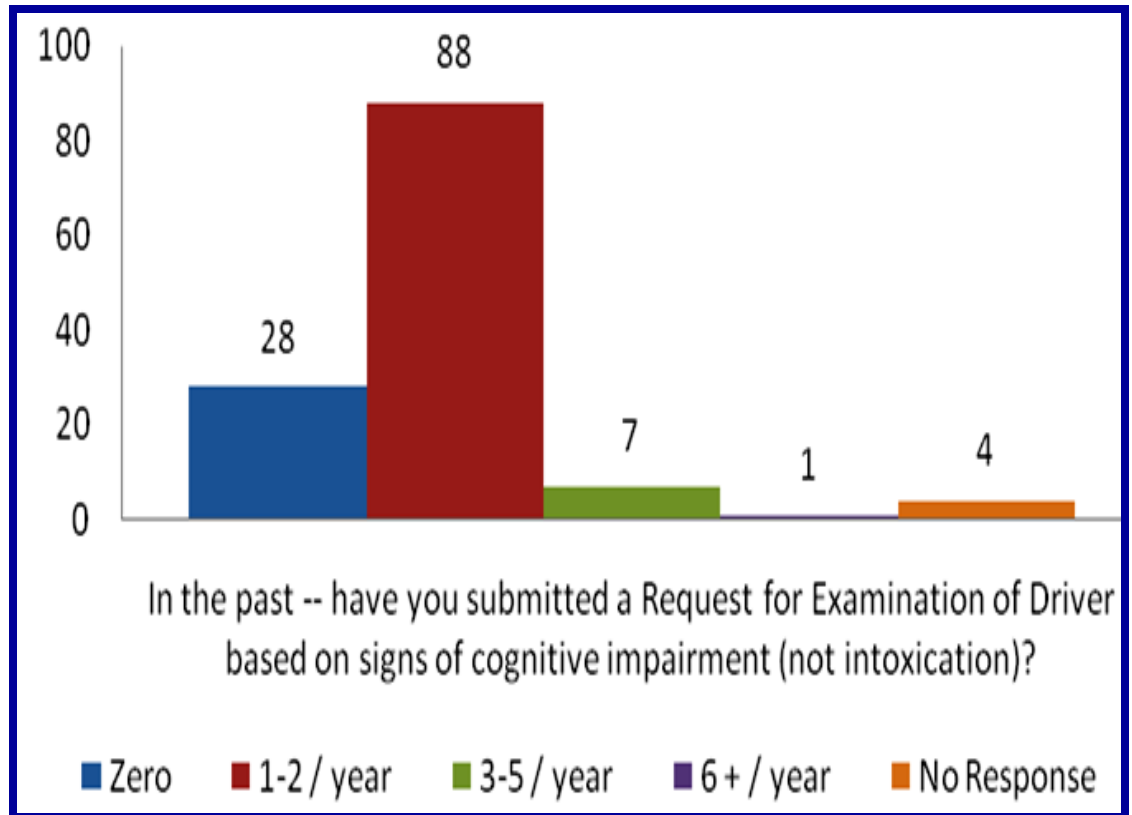
- Specific
- Descriptive
- Citation issued
- Legible*

Responses related to "Request for Examination of Driver Form"

28 had never submitted a form.

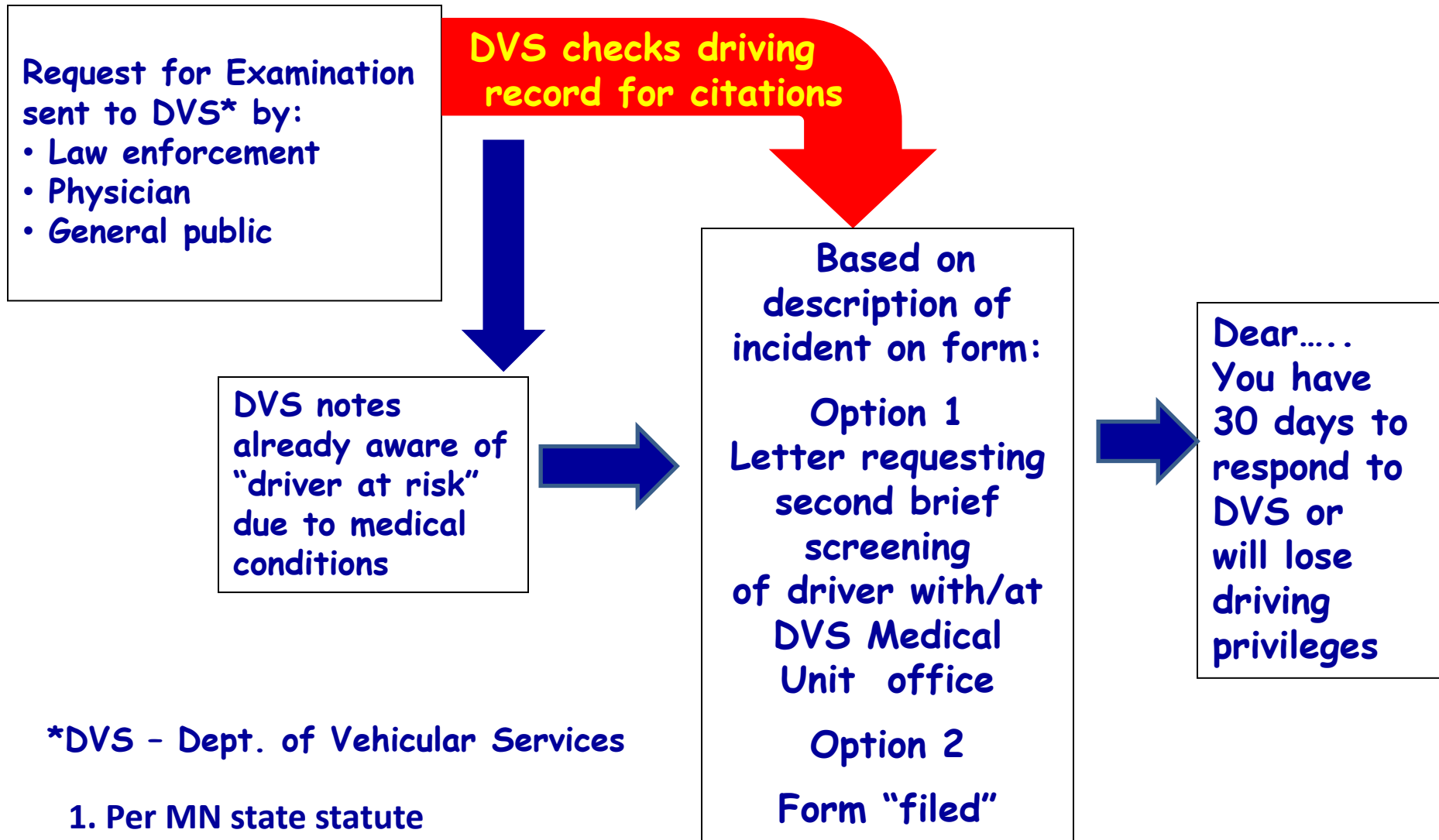
Many didn't know what happened if was form submitted

Only 1 had ever submitted more than 6 in a year.



128 responded

Road taken when "Request for Examination" form submitted ¹

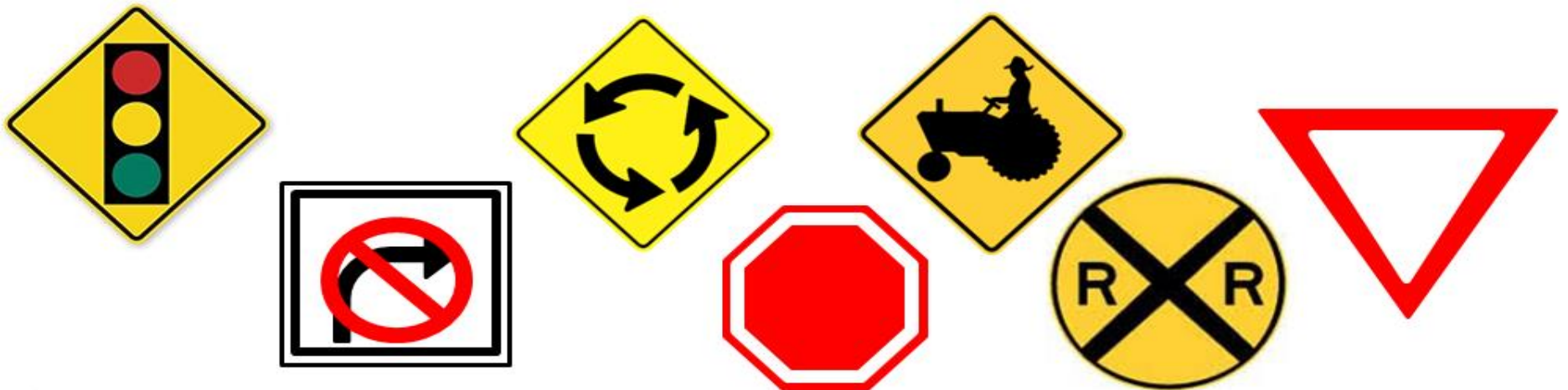


Brief screening by DVS* medical unit

Lay-person's perspective of driver's physical & cognitive abilities

- Walk/move
- Respond to questions
- Appear alert
- Recognize road signs

May request a medical evaluation



*DVS - Dept. of Vehicular Services

MD evaluation if “medically safe to drive” sent back to DVS*

Pass! Monitor condition may need to re-test



No medical issue - clear to re-test



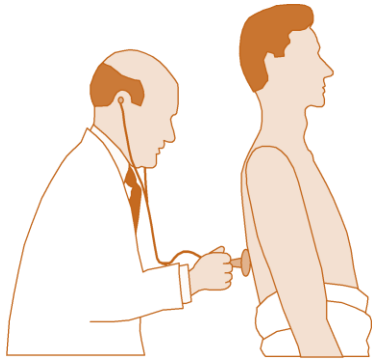
Consult with Certified Driving Rehab Specialist prior to retesting



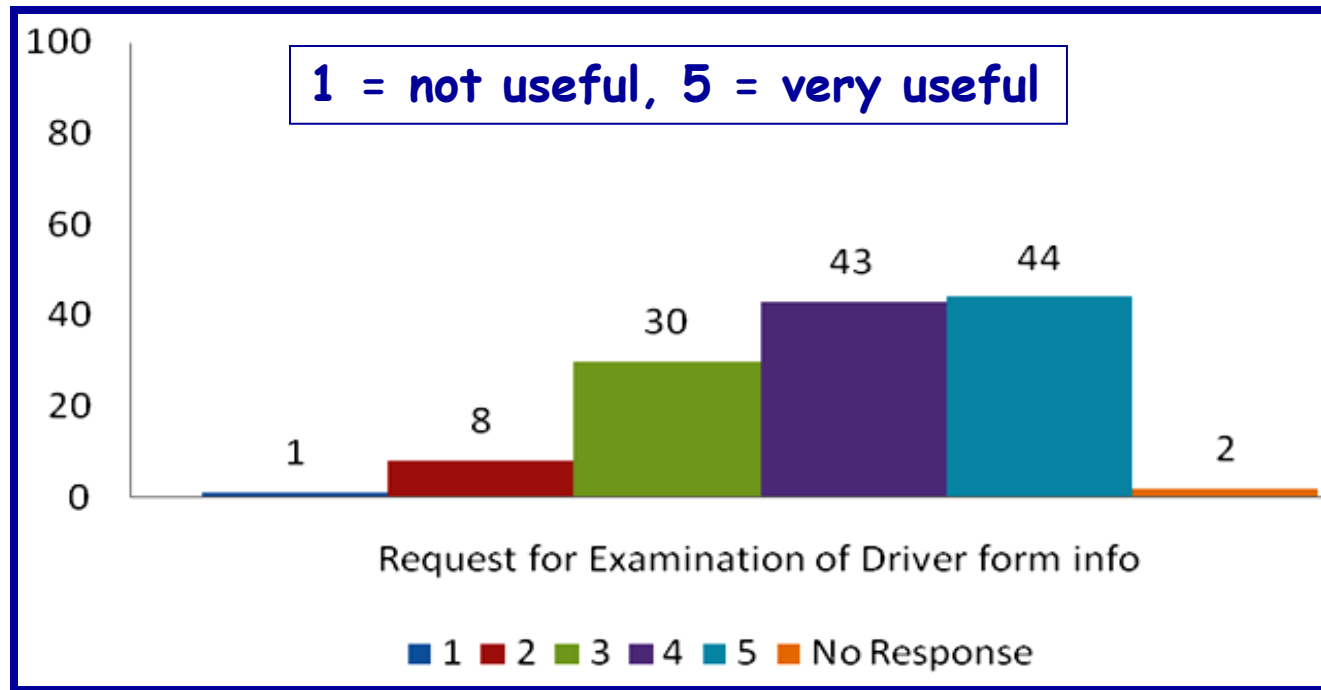
FAIL! MD recommends “no driving”



DVS can over-ride MD's note. Driver can appeal MD's note.
DVS determines final type and amount of testing needed.



Usefulness of education about the Request for Examination of Driver Form

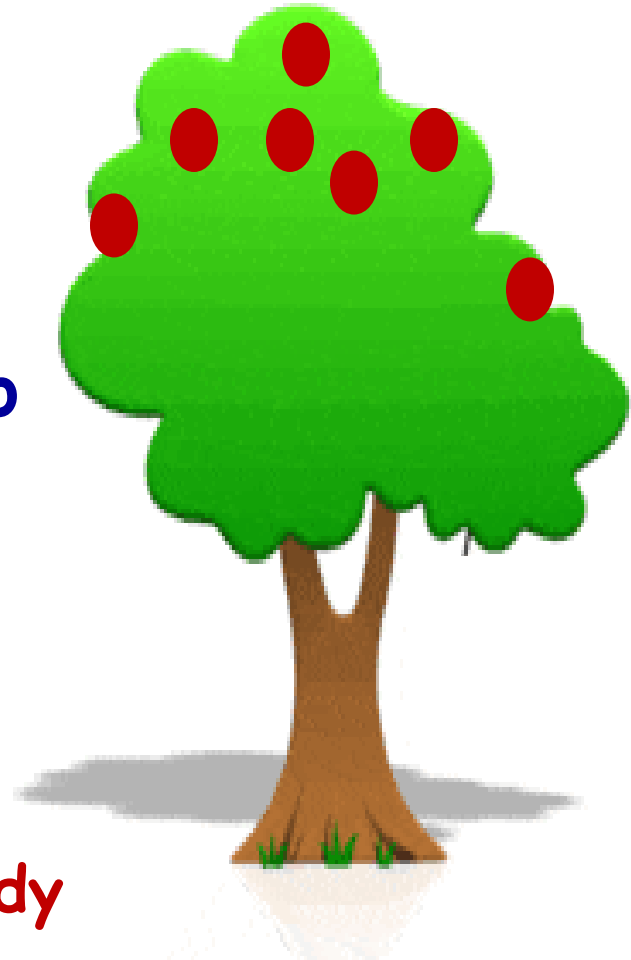


Officers indicated tips on how to complete the form & knowing what happened to the driver as very useful.

Many stated they assumed submitting the form automatically lead to loss of license.

Step 3 - Reaching for more results

- Healthcare workers
- Drivers & their families
- Legislators & judges
- Minnesota's Toward Zero Death's (TZD) E's*



* Engineering • Enforcement
Education • EMS • Everybody

**Driving is not an “all or none”
thing....**

**it is a
balance
of:**

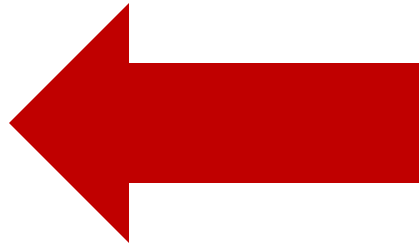


safety versus independence

Required a different approach*

- Awareness education
- Signs of impaired skill
- Ways to improve skills
- Referral to a specialist
- **As last resort: Request for Examination of Driver form**

No
driving



Safe
driving

*positive "norming"

Safe Driving for Older Drivers

**TOWARD
ZERO
DEATHS**

As we age, our physical strength and flexibility lessens, we may take medications that can impact our alertness and our reflex reactions slow down. Because we have aged, we need to think about a few extra things before we head out for a drive.

Four Factors Impacting Safe Driving

- Cognitive changes
- Medical conditions
- Medications
- Physical changes

**Video & tool kit created
for senior centers**



Seven Things to do BEFORE You Drive

- Plan ahead
- Ask yourself: "Is it safe to drive now?"
- Exercise your driving muscles
- Limit distractions
- Correctly adjust your steering wheel, car seat & mirrors
- Properly use your safety belt
- Ask yourself: "How will my medications or alcohol intake affect my driving?"

On the road, virtually and in person, promoting awareness & resources



Safe Driving for Older Adults

As we age, our physical strength and flexibility lessens, we may have to take medications that impact our alertness, and our reflexes get slower. As we age, we need to think about some things as we get behind the wheel.

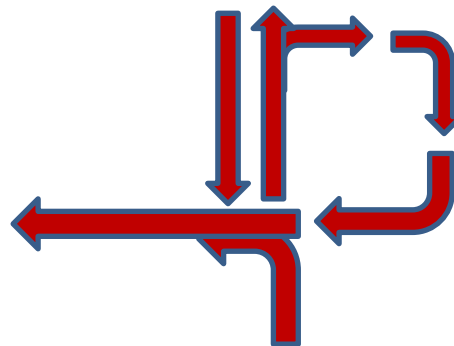
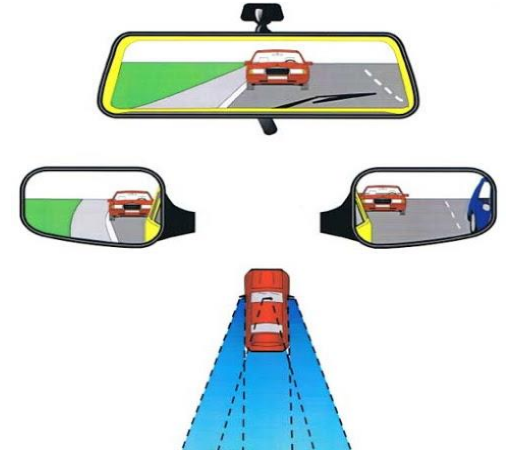
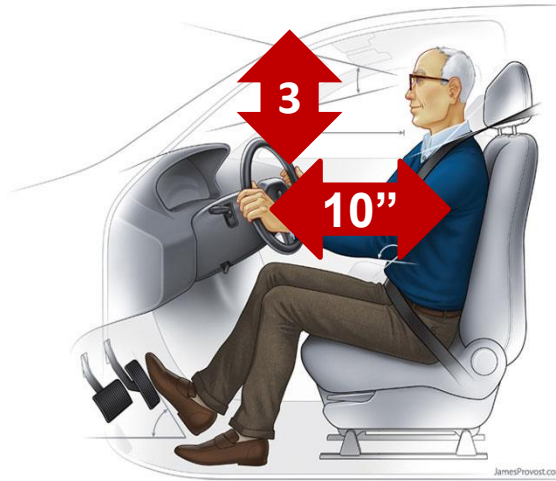
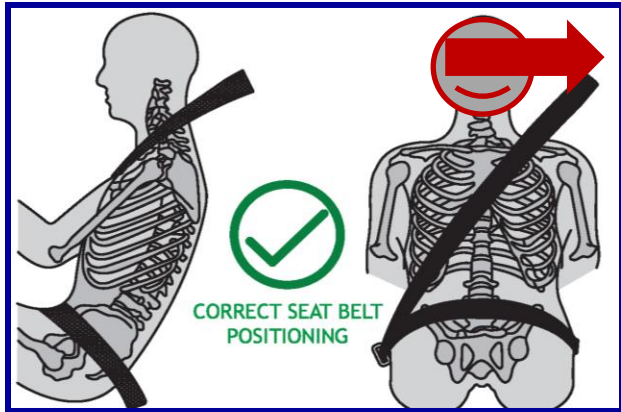
Come join us to learn....
4 things that can affect your driving
7 things to do before you drive?

Plus lots of other fun driving safety tips

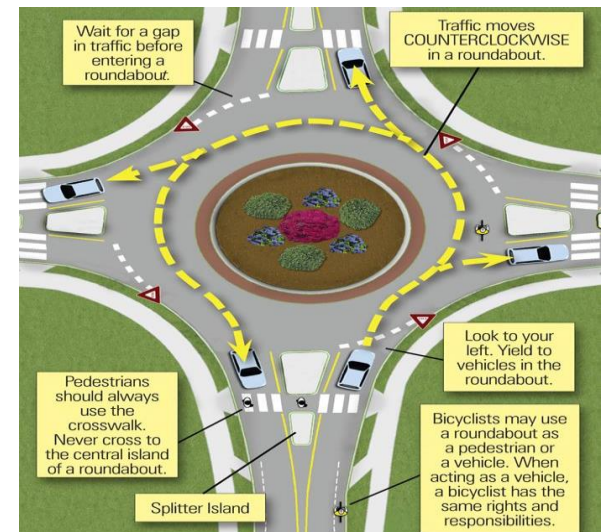
ENA
EMERGENCY NURSES
ASSOCIATION
Minnesota State Council

**TOWARD
ZERO
DEATHS**
DAKOTA COUNTY


Share Driving Safety Tips



3 rights to avoid a left



Increasing Awareness of Risk & Options




Aging may affect ability to drive safely!


Difficulties:
steering/turning
seeing/hearing
stopping/starting

Slower reflexes
More easily overwhelmed by traffic/roadways

Ways to increase safe driving skills


- Strengthening exercises
- Avoid risky roadways
- Be sure your car is adjusted to "fit" right (car seat, seat belt, steering wheel, mirrors)
- Safe driving courses





Do you know someone who should retire from driving?

Questions, Answers, Suggestions, Resources, Increasing Road Safety Across Minnesota







Emergency Nurses Association
Minnesota State Council
www.minnesotaena.com

From January 2021 to June 2021 50 of the 190 deaths were age 60+ (1 out of 4 roadway fatalities in MN !)**

** OTS monthly Preliminary Fatal Crash Numbers <https://dps.mn.gov/divisions/ots/reports-statistics/Pages/monthly-preliminary-fatal-crash-numbers.aspx>

The number of deaths in drivers over age 75 has almost reached the same rate as drivers in their 20s & higher than teenage deaths.**

***Insurance Information Institute 5/2019 <https://www.iii.org/article/background-on-older-drivers>







Links to these resources & other driver safety resources are listed on the Minnesota ENA web site.
www.minnesotaena.com

Aug 2021

Driving requires:

1. Physical ability
Vision, Hearing, Touch
Movement of limbs & neck
Reaction time
Strength & grip
2. Cognitive ability
Recognize threats to safety
Process threats to safety
Decisions about safety threats
React to threat to safety



Normal aging affects

- Strength,
- Flexibility
- Vision
- Hearing
- Sense of touch
- Processing information
- Sorting out distractions
- Slower reflexes


With aging comes:
medical conditions
medications
physical changes
cognitive changes
each can affect safe driving

Signs of risk of unsafe driving:
is hard to.....


- stand
- walk
- turn head
- see signs
- answer questions
- judge distance
- keep car in lane
- make safe turns
- stop emergently

Signs of cognitive impairment:

- Forgetfulness/Confusion
- Anxiety/overwhelmed when driving
- Getting lost easily
- Unable to find things – keys, driver's license, wallet/purse, the car, etc
- Searching for words
- Trouble with dates, times, locations
- Difficulty recalling names/numbers
- Forgetting appointments



If you have concerns about an older driver's ability - consider one of the resources listed or have them evaluated by a Occupational Therapist, Driving Rehab Specialist, or submit a request for them to be evaluated by DVS to determine if they should be re-tested .



Request for Examination of Driver*

May be completed by anyone and submitted to Dept. Vehicle Services.*
Based on the description of driving behaviors DVS may retest the driver. (to find form -Google "MN DPS Request for Examination of Driver Form")

DVS may recommend:

- Evaluation by physician
- Referral to Driving Rehab Specialist / Occ. Therapist
- Retesting of driving skills
- Limits on driving . Only as a last resort - they cancel licensel








*Names of family members who request are kept confidential, Physicians are protected by law, other names are released if requested.

Created a flyer that includes info on aging & driving, signs driving is being affected, what to do, what could happen, and links to resources.

"Virtual" Tool Kit

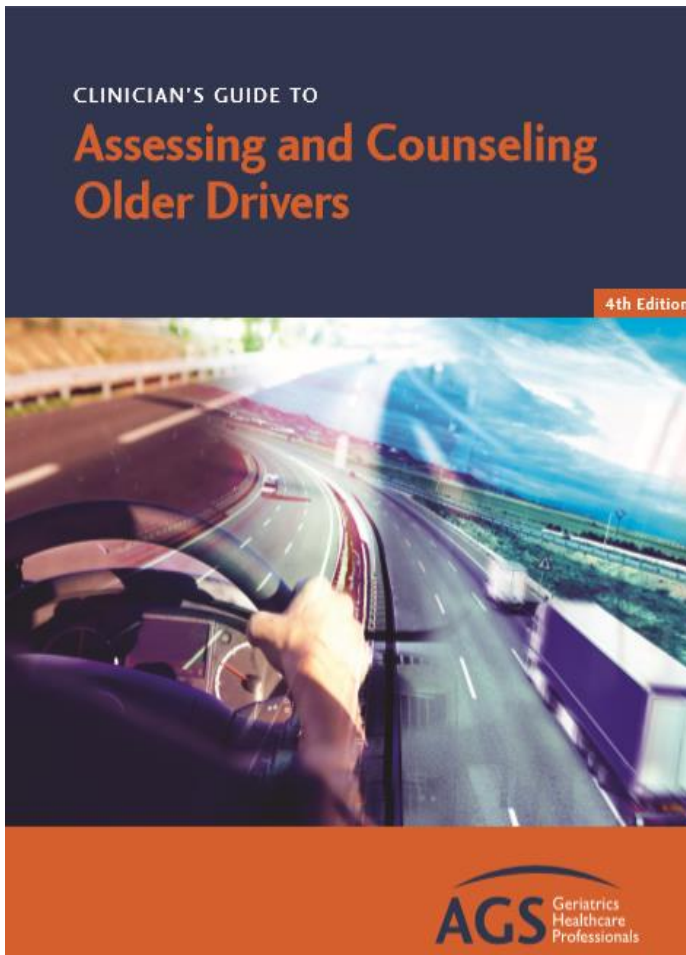
Harford's exercise sheets
Mind exercising sheets
Hard copies and links to resources:



<p>SMART DRIVETERK  DRIVER SAFETY </p> <ul style="list-style-type: none">Free, 90 minute workshops around the State, also now On-lineInteractive sessions covering key technologies<ul style="list-style-type: none">Blind spot indicatorsLane change warningReverse MonitoringAnd five other safety related optionsParticipants leave with their own check listHigh level of participation 	<p>NHTSA https://www.nhtsa.gov/road-safety/older-drivers</p> <p>The American Occupational Therapy Association https://www.aota.org/Practice/Productive-Aging/Driving.aspx</p> <p>Clearinghouse for Older Road User Safety (CHORUS) https://www.roadsafeseniors.org/blog/10-suggestions-how-approach-your-aging-parent's-driving</p>
<p> SeniorDriving.AAA.com HELPING SENIORS DRIVE SAFER & LONGER</p>	 
<p>Driver Safety Classes -- 55 plus</p> <ul style="list-style-type: none">Main incentive 10% discount on vehicle insurance34 organizations sanctioned in MinnesotaIn Class and On-line -- refresh every 3 yearsKey Subjects<ul style="list-style-type: none">Changes in bodies, laws, road design, vehicle technologyDiscussion on when to stop driving101,294 taught in 2017 - 18% on-lineBUT trend is down<ul style="list-style-type: none">2015 had 108,276 and 2016 had 103,276 	<p>Hartford resources found at: https://www.thehartford.com/resources/mature-market-excellence/technology-preferences</p> <p>the MN DPS website "Older Driver" page. https://dps.mn.gov/divisions/ots/older-drivers/Pages/default.aspx</p>
<p>Minnesota Safety Council Driver Classes <i>Defensive driver Mature driver Seasoned driver</i> www.minnesotasafetycouncil.org</p>	

Link to CarFit to register for events
List of Driving Rehab Specialists
Road mats with round-abouts & small cars for "practice driving"





Additional screening tools healthcare providers & others can use to judge driving safety

- **DOSCI**
- **Other screening tools**
 - **Get up & go**
 - **Mini - cog**
 - **Mini Mental State Exam**
 - **Montreal Cognitive Assessment (MoCA)**

**Clinician's Guide to Assessing and Counseling Older Drivers, 4th Edition*
Alice Pomidor - editor New York , 2019 The American Geriatrics Society & NHTSA

Referral to an Occupational Therapist (OT) or Driver Rehabilitation Specialist (DRS)

- Check physical skills
- Check cognitive skills
- Check driving skills
- Recommends devices to assist safer driving
- Lists limitations that would decrease risks when driving



Identifies options to keep drivers safe & independent.
Will requires MD "prescription" for insurance purposes.



Another barrier

There is no MN law mandating physicians to report physical or cognitive impairment,* however they are provided immunity & encourage to report.

EMS & nursing may report; but are not protected from liability & may be in violation of MN privacy laws rather than HIPAA.

Family members, neighbors, friends, and witnesses of unsafe driving behavior may submit a report and would not be in violation of the privacy act.

Only family member's names are kept confidential; other's names are released if the driver asks "who submitted the form?"

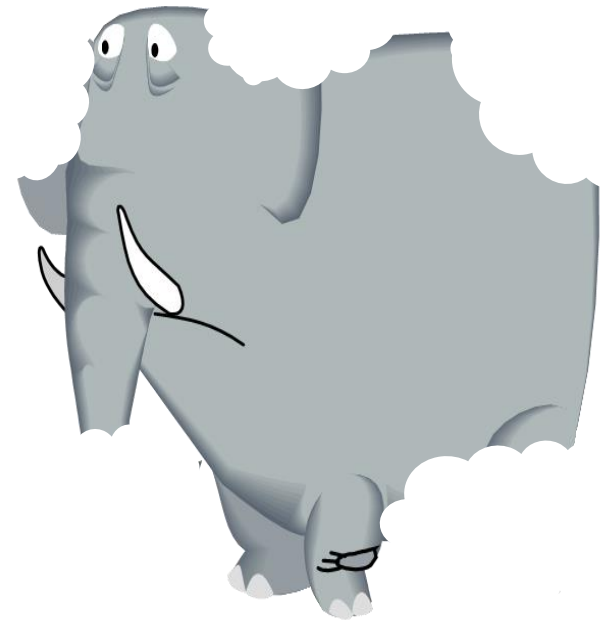
Each state has different laws!



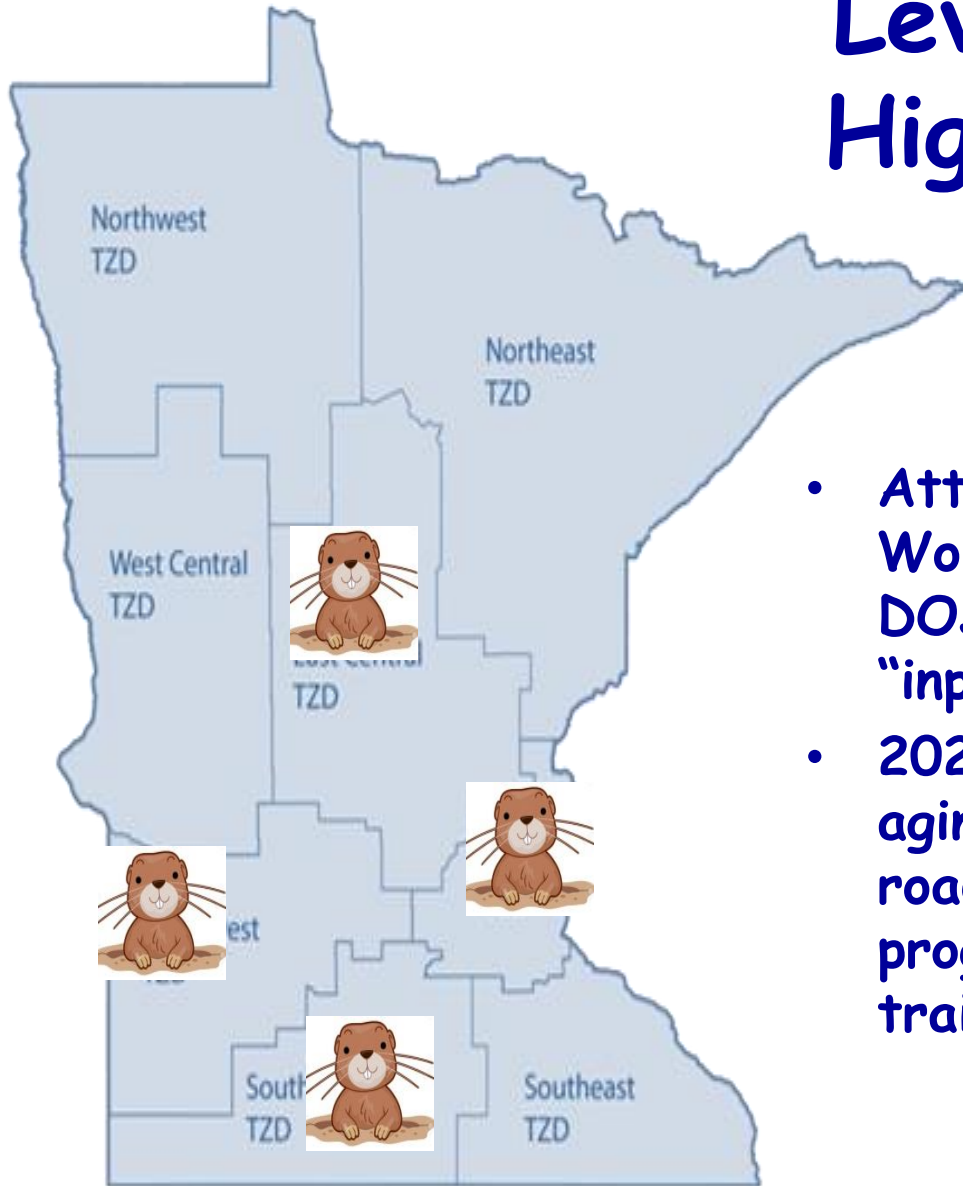
*Certain medical conditions must be reported

Aging driver safety..... who should be made responsible?

- Nursing? Physicians? Other medical personnel?
- Law enforcement? Judges?
- Depts. of Transportation/Public & Vehicular Safety
- Older drivers/their families?
- Legislators?
- Insurance companies?
- Churches? Social programs?
- Engineering?
- Everyone!



Leveraged Strategic Highway Safety Plan to include older drivers



- Attended 2019 TZD Regional Workshops - kept bringing up DOSCI screening tool during "input" sessions
- 2020 SHSP includes section on aging drivers. (Includes: rapid roadside screening tool, CarFit, programs, "awareness" training, and legislation)

Driving



It is not:

- an all or none

It is:

**- safety vs.
independence**

**and a
careful balance!**

MN Older Driver Safety Project

- ☞ Increased awareness of aging factors that can “impair safe driving”
(changes in vision, hearing, reaction time, strength, sensation, cognition & thinking)
- ☞ Most senior drivers are safe & know when to retire/limit driving - Some need a nudge
- ☞ DOSCI & other screening tools
- ☞ Resources & tools available to create safe drivers & independent non-drivers

Thanks!

Joanie Somes RN
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**Joanie being
a technician
during a
CarFit Event**