

Enhancing Law Enforcement and Administrative Capacity for Older Driver Safety



TRED\$
Training, Research
and Education for Driving Safety

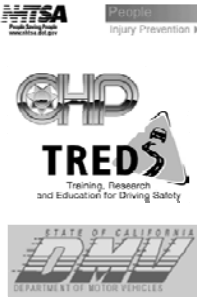
Lifesavers Conference 2014
Nashville, Tennessee
D. R. "Ike" Iketani – UCSD

Law enforcement role

- Document traffic stops
- Serve as a source for helpful aging driver information
- Identify and refer at-risk drivers to licensing agencies



Law Enforcement training



TSA
Transportation Security Administration

GHP

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STATE OF CALIFORNIA
DMV
DEPARTMENT OF MOTOR VEHICLES

Law enforcement involvement

- Development through partnerships
- Using personal experiences
- Train to identify signs of skill deterioration/impairment

Outline of training for LE

- Impact of Aging & Medical Conditions on Driving
 - Dr. Linda Hill, MD, MPH, UCSD TREDs
- Older Driver Traffic Stops
 - Retired CHP members
- Department of Motor Vehicles procedures
 - Senior Driver Ombudsman
- Resources for Driver Education & Evaluation
 - TREDs Training Coordinator

Methodology

- Pre-Assessment of LE knowledge/experience
- Describe medical changes, trends & demographics in the aging population
- Train LE to recognize and evaluate cognitive impairment – video and DOSCI
- Explain how documentation can reduce older driver injuries/fatalities

Methodology

- Explain the way reporting works in licensing agencies
- Explain proper documentation on DMV forms
- Provide resource information for Driver Education & Evaluation
- Conduct Post-Assessment

DOSCI

Driver Orientation Screen for Cognitive Impairment

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Rule Out

Cognitive Assessment

Scoring Criteria

DRIVER ORIENTATION SCREEN FOR COGNITIVE IMPAIRMENT (DOSCI)

RULE OUT

- Disorientation from alcohol, prescription medications, side effects or other impairing substances
- Urgent medical conditions

Ask ALL 9 Questions: Indicate a one point for each incorrect response

1. What is your date of birth? (1pt)
2. What is your date of birth? (1pt)
3. What is your full home address? (1pt)
4. What is your full home address? (1pt)
5. What is your full home address? (1pt)
6. What is your full home address? (1pt)
7. What is your full home address? (1pt)
8. What is your full home address? (1pt)
9. What is your full home address? (1pt)

Scoring Criteria

- 0-4 incorrect responses → **Rule Out**
- 5-8 incorrect responses → **Cognitive Assessment**
- 9-12 incorrect responses → **Scoring Criteria**

ADDITIONAL QUESTIONS TO ASSIST IN EVALUATION

- When are you coming home and where you are going?
- How many times a day do you eat?
- How many times a day do you eat?
- How many times a day do you eat?

DOSCI

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US Population By Segment

Age

85+
80-84
75-79
70-74
65-69
60-64
55-59
50-54
45-49
40-44
35-39
30-34
25-29
20-24
15-19
10-14
5-9
0-4

1950 (150,216,000)

1980 (227,658,000)

2000 (267,955,000)

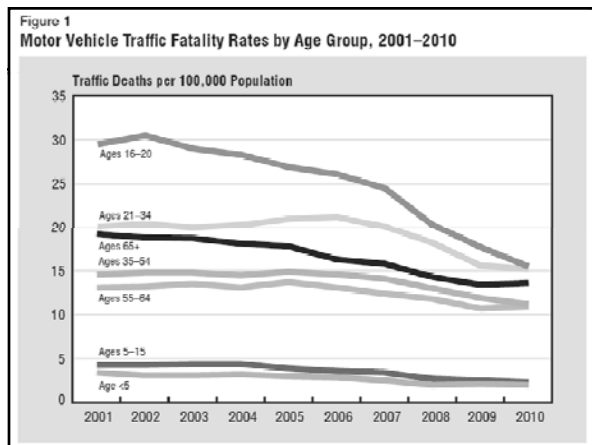
2030 (304,807,000)

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Statistics

- 34 million older drivers in 2010
- Increase of 22% from 2001
- Older drivers made up 16% of all licensed drivers in 2010 compared to 14% in 2001





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Getting older does not necessarily mean a person's driving days are over. But it is important to plan ahead and take steps to ensure the safety of your loved ones on the road. NHTSA offers these materials to help you learn more about how to recognize and address changes in your older loved ones' driving.

- Older Driver Program Executive Strategic Plan 2010-2017
- Traffic Safety Facts - In 2009, older people accounted for 15 percent of all traffic fatalities and 18 percent of all pedestrian fatalities. More traffic fatalities involving older drivers occurred during the day time (80%), occurred on weekdays (75%), and involved other vehicles (40%).

Resources for People Around Older Drivers

- Adapting Motor Vehicles for Older Drivers

Additional Resources

- Promoting senior driver safety
- Talking with Older Drivers
- Drive Well Toolkit
- Screening and evaluation
- Medications and older drivers
- Driving when you suffer from...
- For law enforcement personnel
- For medical personnel
- Other studies and reports

Value of Re-exam Referrals

- **Documentation:**
 - tracking history determines developing patterns of unsafe driving
- **Important to:**
 - Law enforcement
 - DMV
 - Driver's family – contact with law enforcement is often a call to action for family intervention
 - Physician and others working to keep the individual safe



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Contact TREDS:

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Resource/Contact info:

- UCSD TREDS website
<http://treds.ucsd.edu>
- CHP website
www.chp.ca.gov
- NHTSA website
<http://www.nhtsa.gov/Driving+Safety/Older+Drivers>





