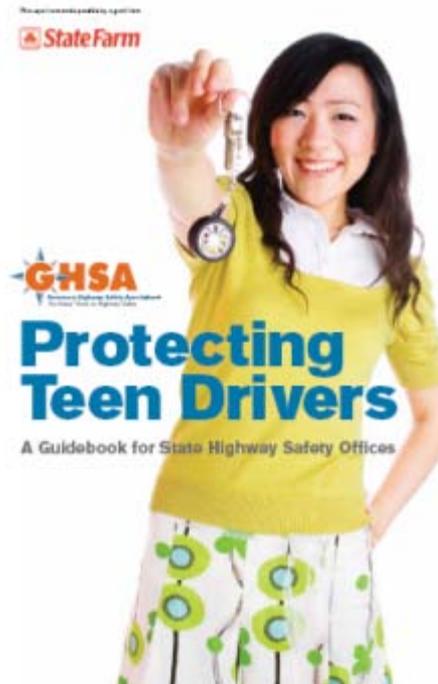


Risky Driving and your teens...



Fran Penner-Ray
OPI Traffic Education

**2011 Annual Highway
Safety Meeting**

Where:
Gateway Center, Helena, MT



**Montana
Office of Public Instruction**
Denise Juneau, State Superintendent

opi.mt.gov

2010 Young Driver Crash Highlights

	2009	2010	% Change
Fatalities	41	39	-4.9%
Injuries	2,153	1,954	-9.2%
Severe Injuries	339	257	-24.2%
Fatal Crashes	40	27	-32.5%
Injury Crashes	1,435	1,321	-7.9%
Property Damage Only Crashes	3,795	3,399	-10.4%
Alcohol-Related Fatalities	14	14	-
Unbelted Fatalities	19	20	+5.3%

Young driver (age 15-19) may not have been at fault
& young driver may not have suffered injury.

What are the Risks?

- Inexperience
- Speed
- Distractions
- Fatigue
- **Alcohol** is involved in about 16% of fatal crashes involving 16 and 17 year-old-drivers

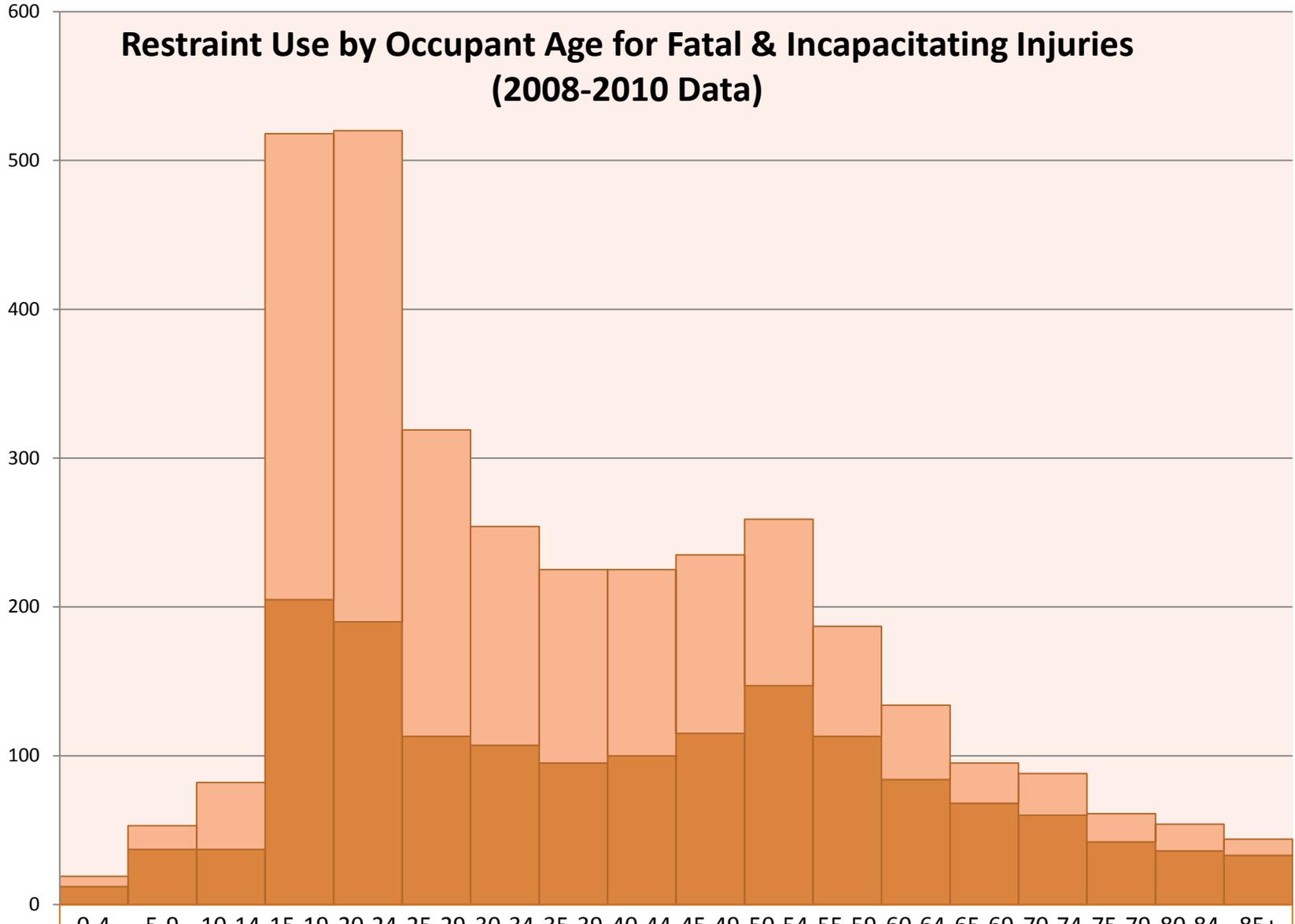


These factors cause crashes – But what Kills?

Lack of Seat Belt Use

Restraint Use by Occupant Age for Fatal & Incapacitating Injuries (2008-2010 Data)

Number of Severely Injured Vehicle Occupants

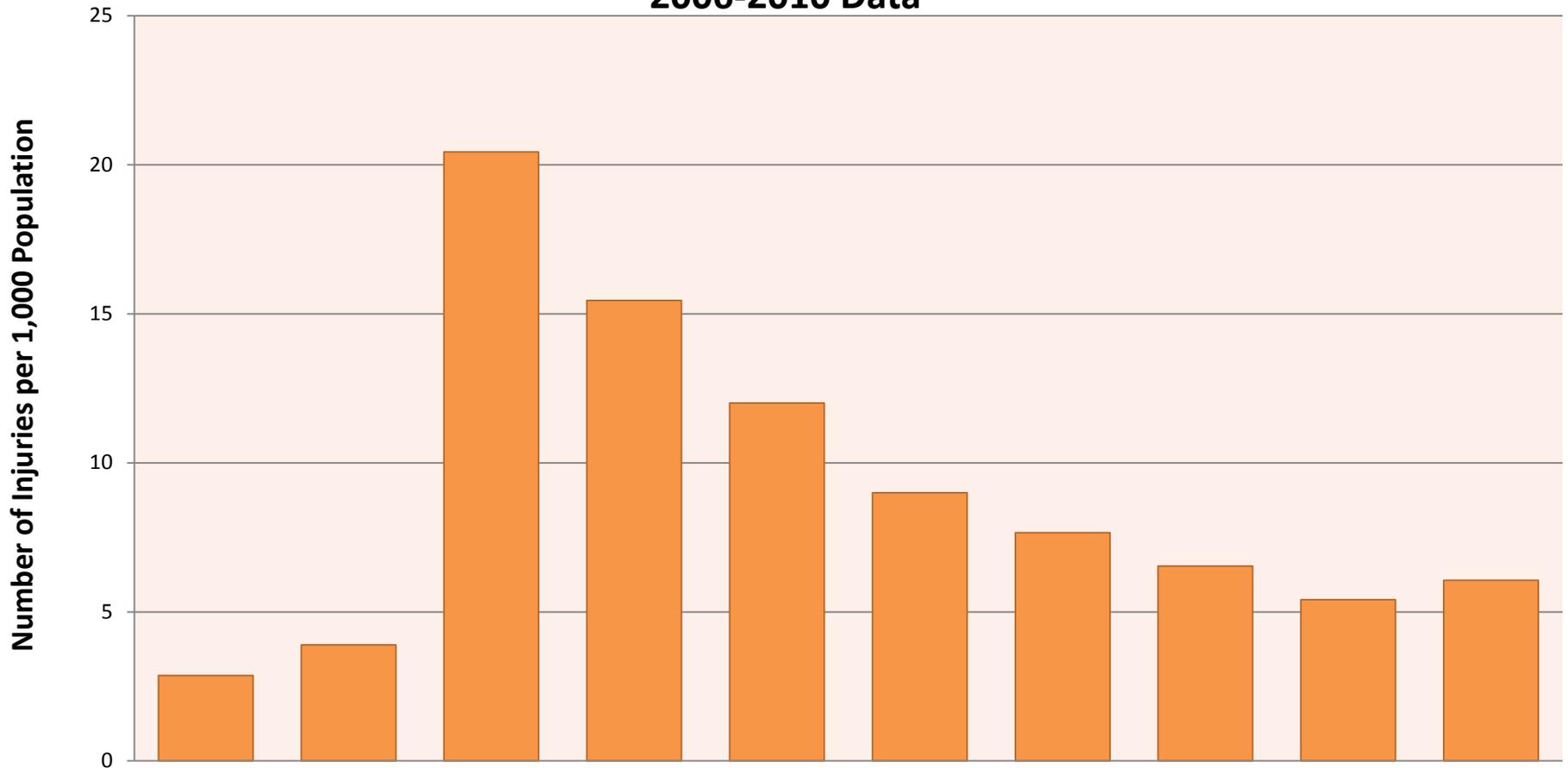


Age	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+
Non-Belted	7	16	45	313	330	206	147	130	125	120	112	74	50	27	28	19	18	11
Belted	12	37	37	205	190	113	107	95	100	115	147	113	84	68	60	42	36	33

Injuries by Age in Crashes

(per 1,000 population)

2006-2010 Data

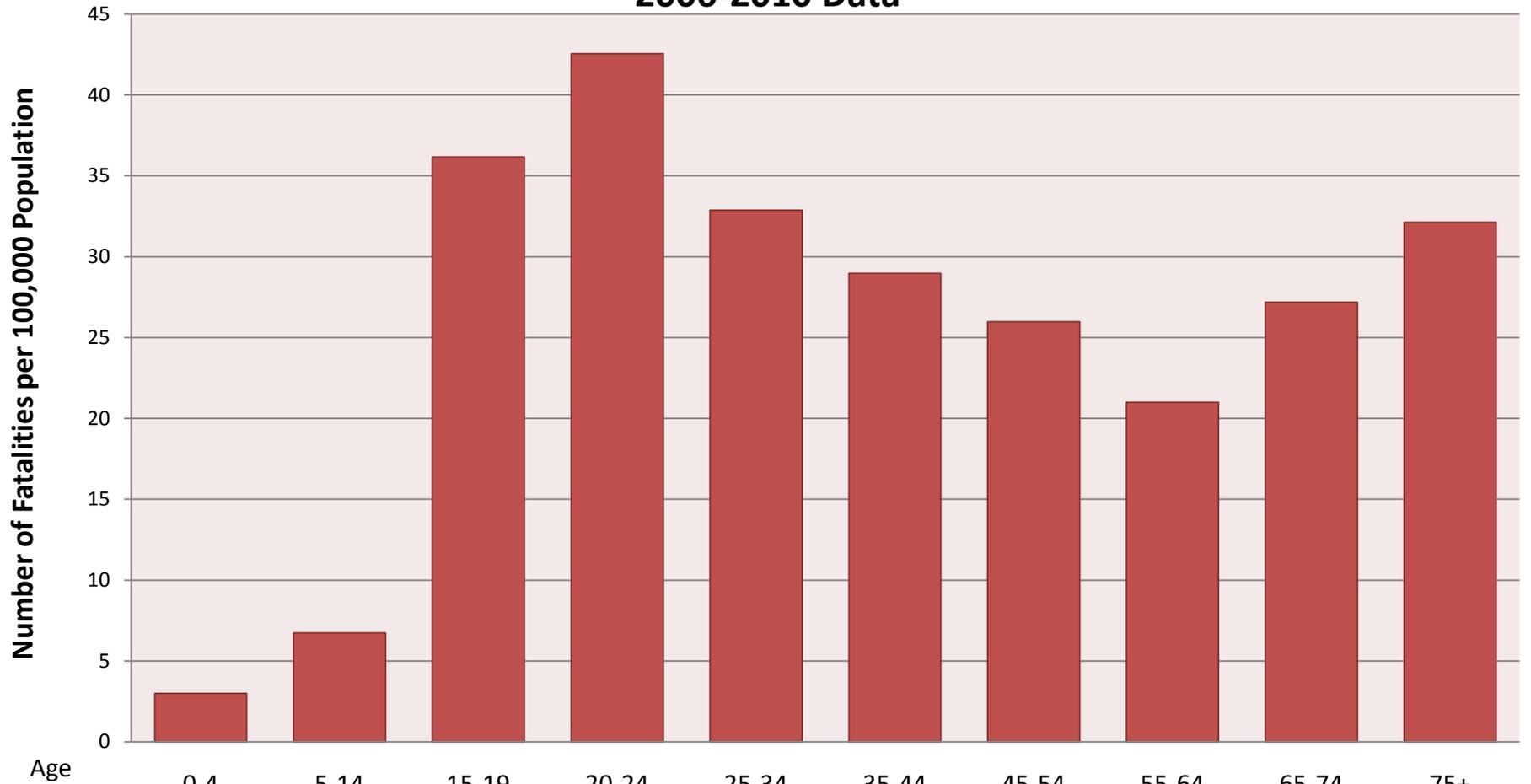


Age	0-4	5-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75+
Injuries	860	2,317	7,116	5,844	6,721	5,248	5,716	3,893	1,892	1,395
Population	299,558	594,331	348,395	378,337	559,747	583,312	746,801	595,496	349,562	230,337

Fatalities by Age in Crashes

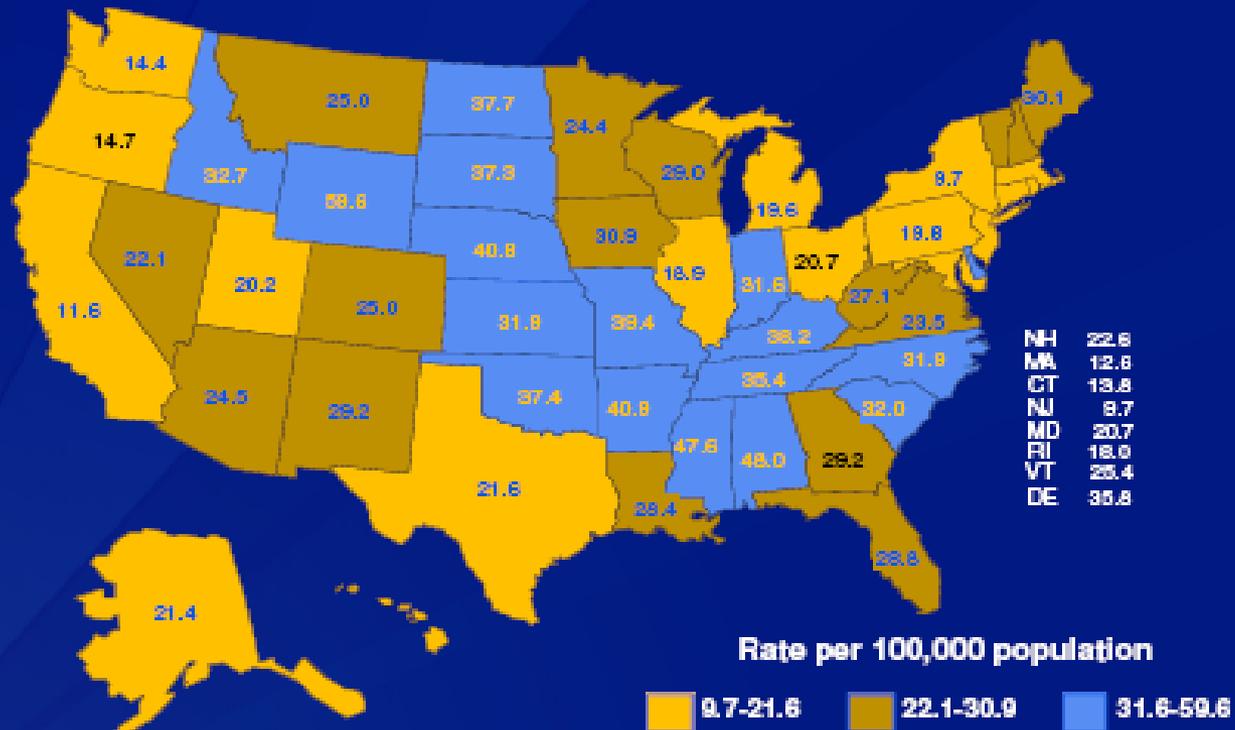
(per 100,000 Population)

2006-2010 Data



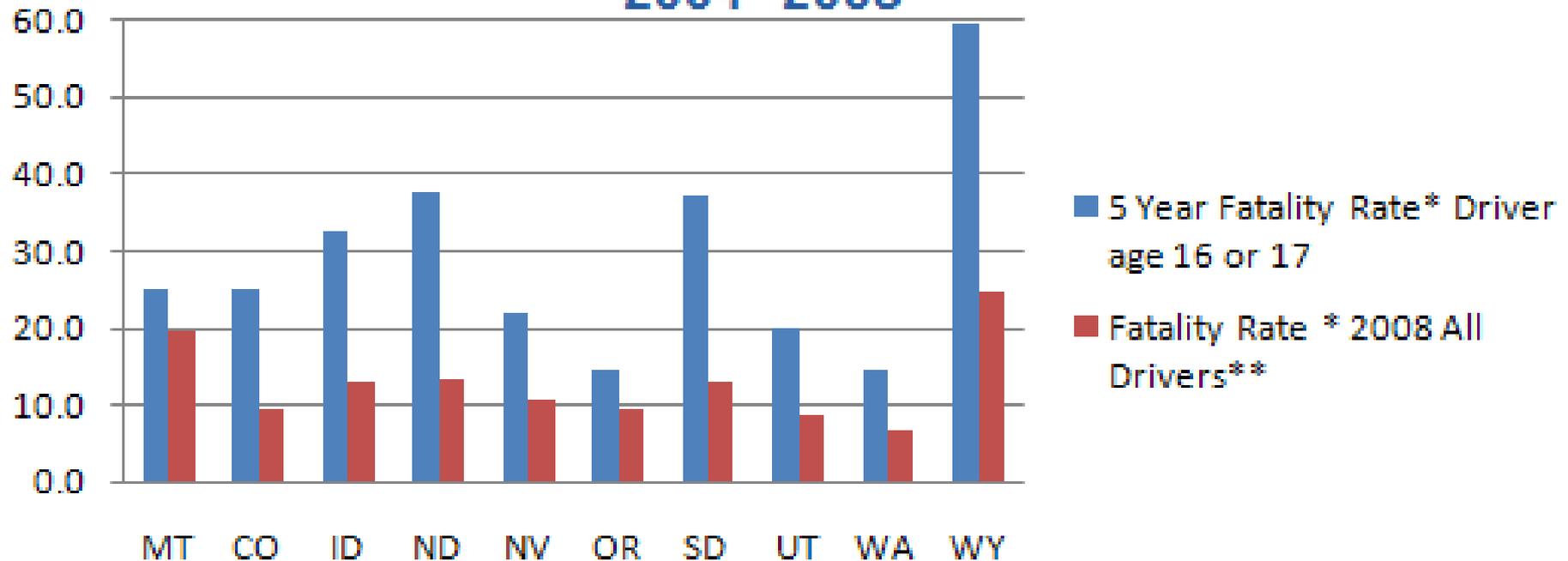
Fatalities	9	40	126	161	184	169	194	125	95	74
Population	299,558	594,331	348,395	378,337	559,747	583,312	746,801	595,496	349,562	230,337

Annualized rates* of young driver fatal crash involvement—Fatality Analysis Reporting System, 2004–2008



Note: *Rates are suppressed for DC and HI because there were <20 drivers aged 16 or 17 years involved in fatal crashes.

Drivers age 16 and 17 Fatal Crash Rates 2004 - 2008

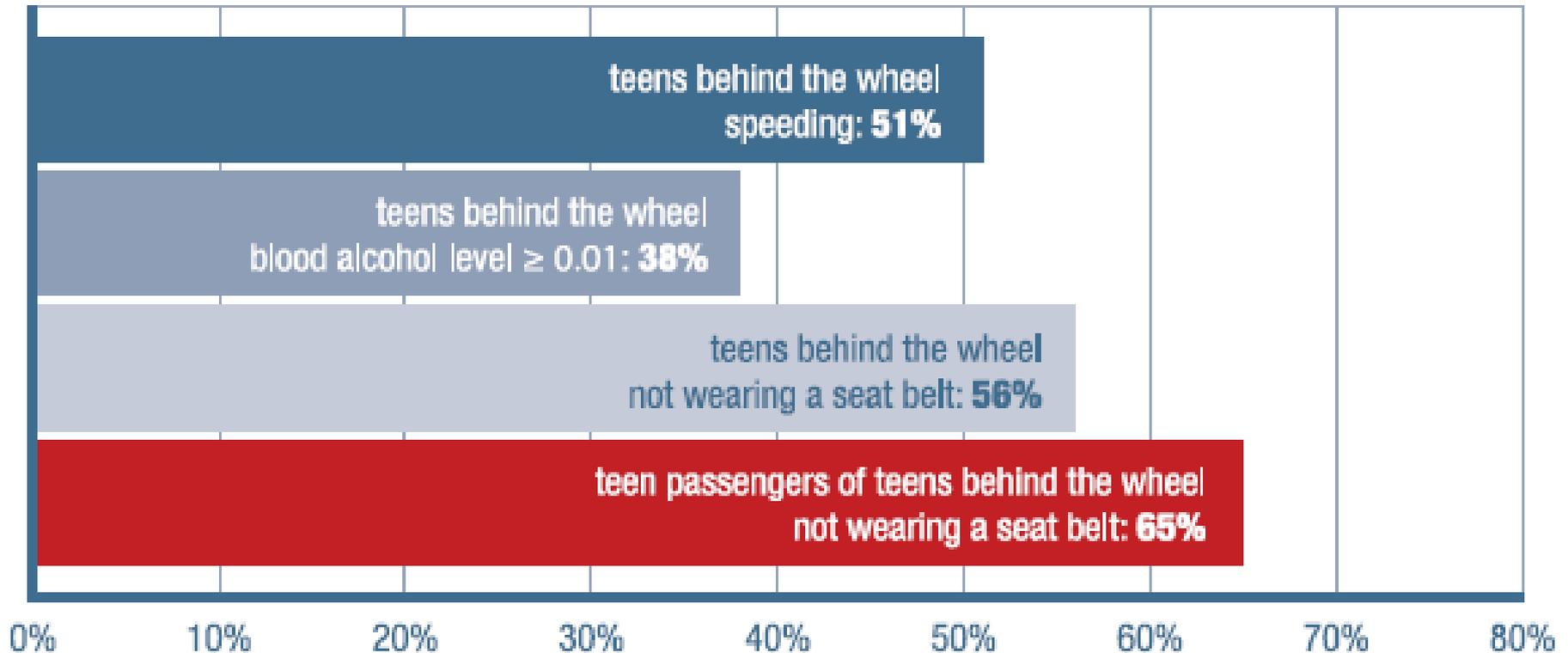


* Per 100,000 population in group

** Drivers of passenger vehicles

MMRW Oct 2010

Key Behaviors of Teens Fatally Injured in Crashes



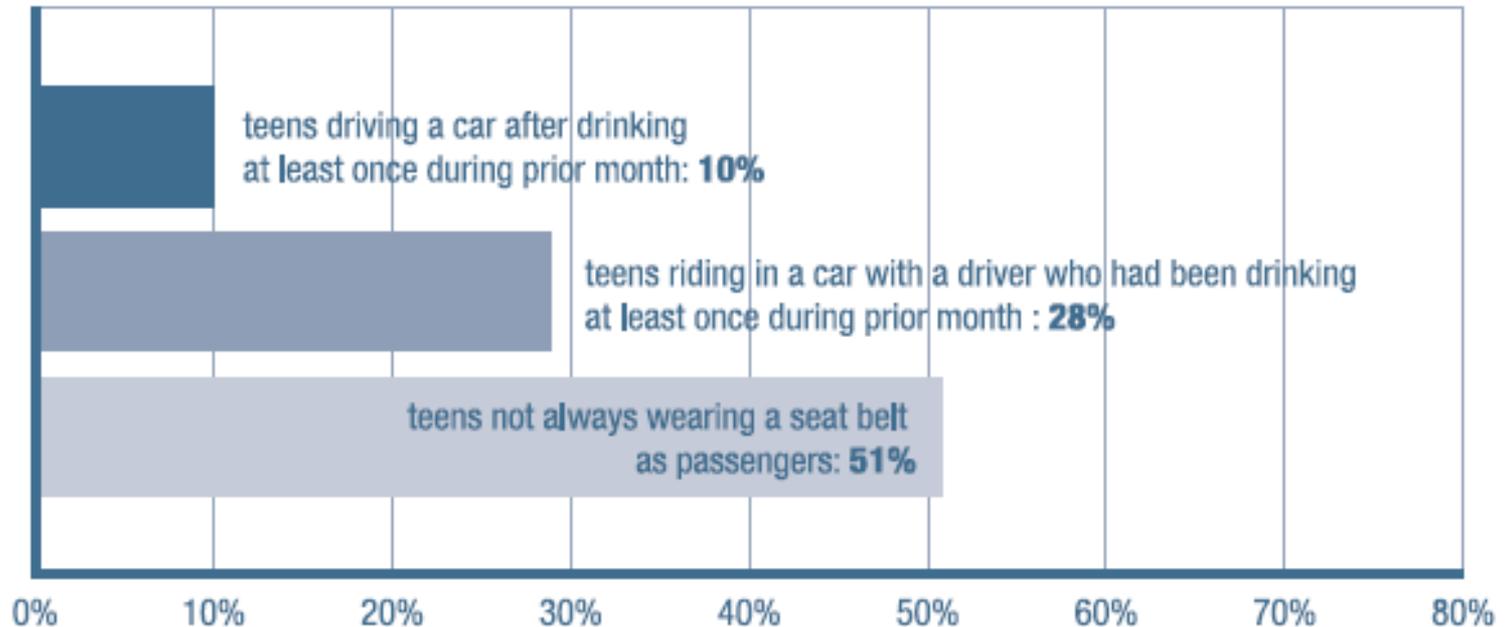
Miles to go

Establishing Benchmarks for Teen Driver Safety

2010 Children's Hospital of Philadelphia

Research Institute and State Farm Insurance

Key Behaviors of Teens



Miles to go

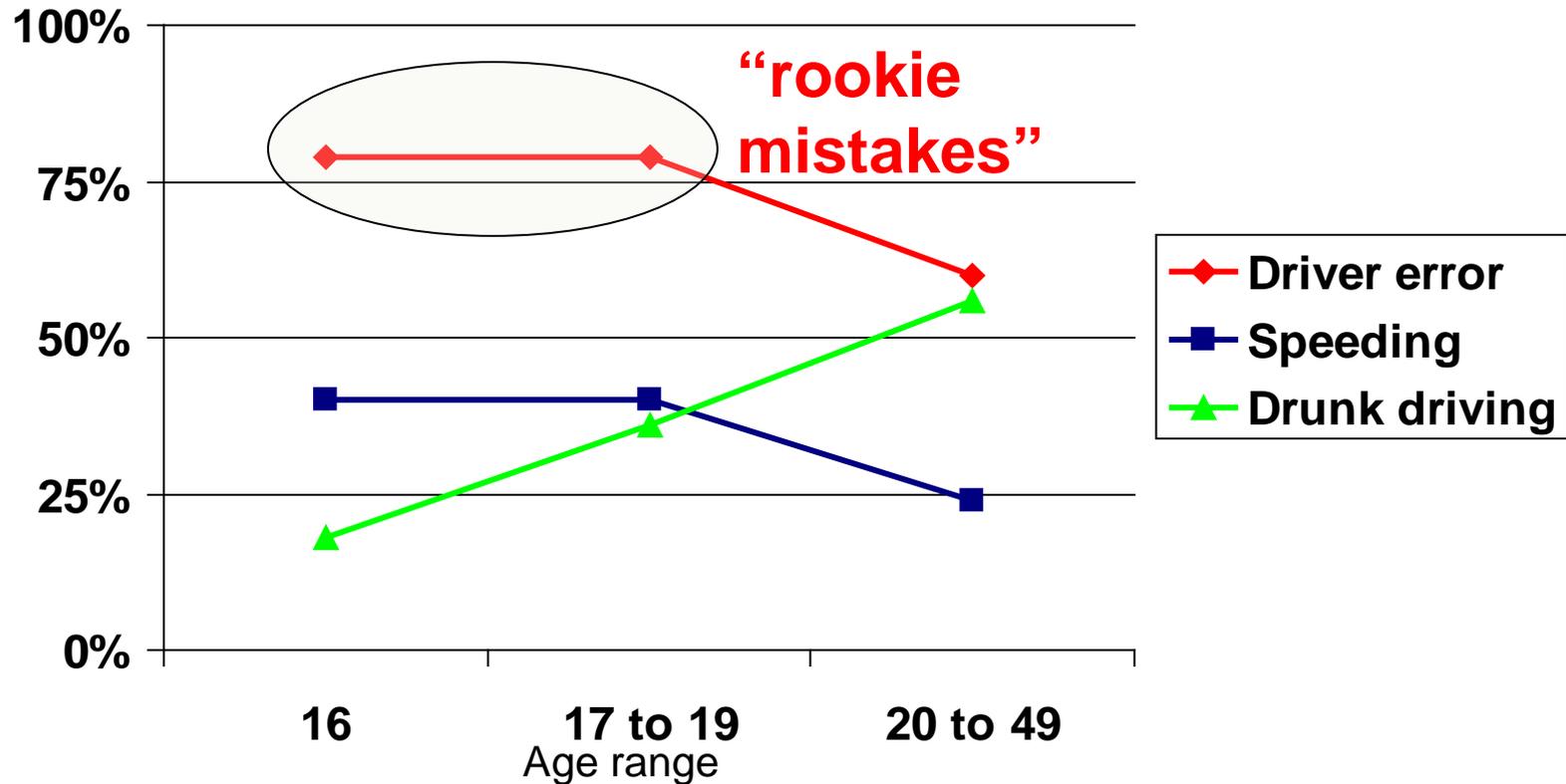
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Driver Error and Speed

What causes crashes?



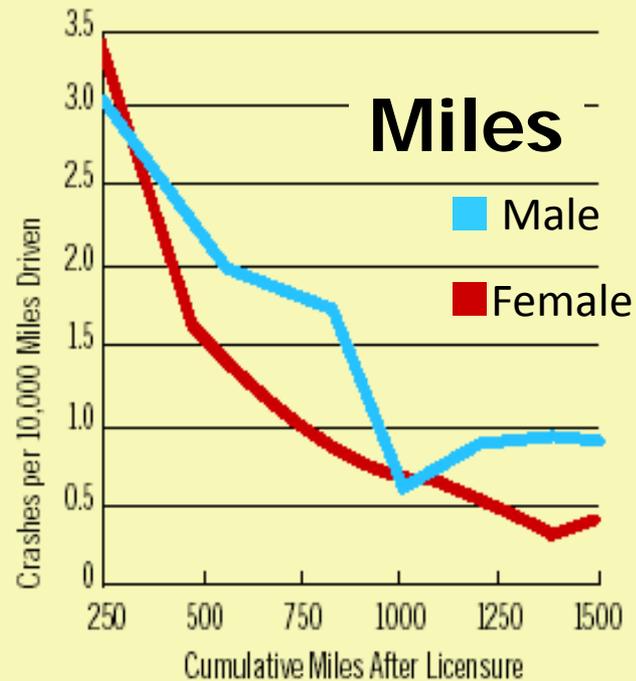
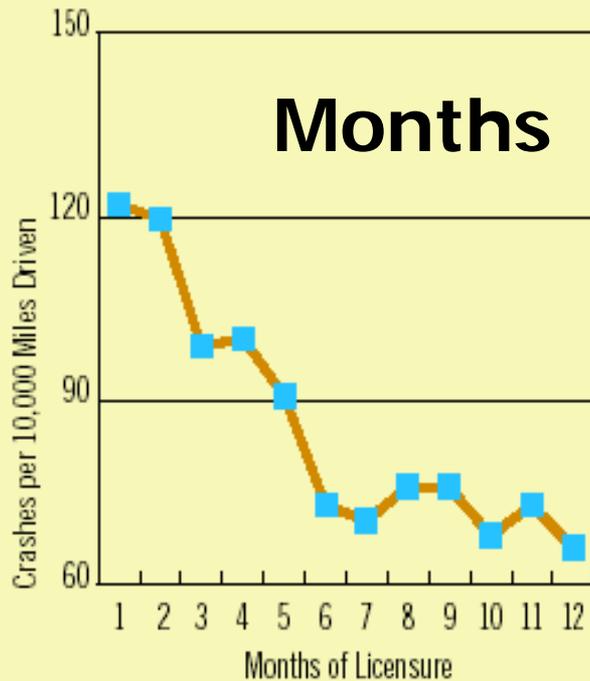
Units: % of fatal cases with factor present.

Source: Williams, et. al. *Journal of Public Health Policy*, 16: 3 (1995)

Inexperience - Risk to Teen Drivers

1st 6 months or 1000 miles of driving

Novice driver crash risk



Source: Mayhew, 2002; McCartt et al, 2001



Montana's Graduated Driver License Law 2006

Step 1 – Instruction Permit/Learner License

**Requires 6 months and 50 hours of supervised driving practice with parent/guardian.
Seatbelts required**

Step 2 – GDL Restricted License

**Limits teen passengers and night time driving
Requires seat belts for everyone – all the time**

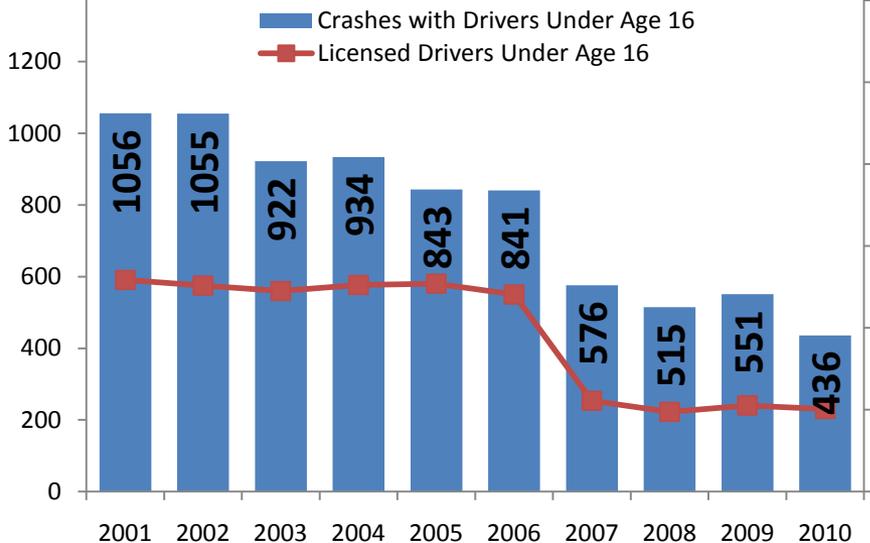
Step 3 – Full Privilege Driver License

After one year of GDL restrictions or age 18

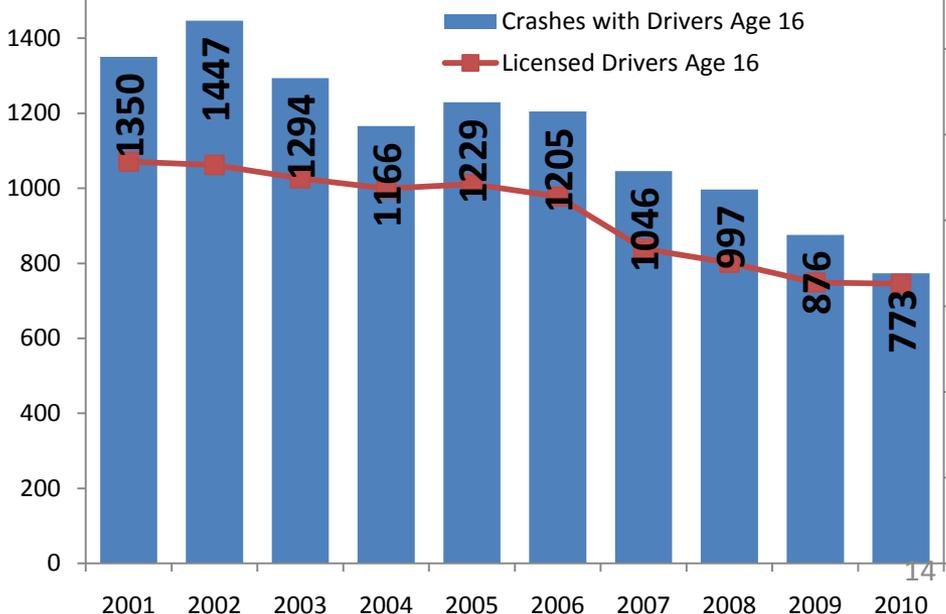
Montana Teen Driver Crashes



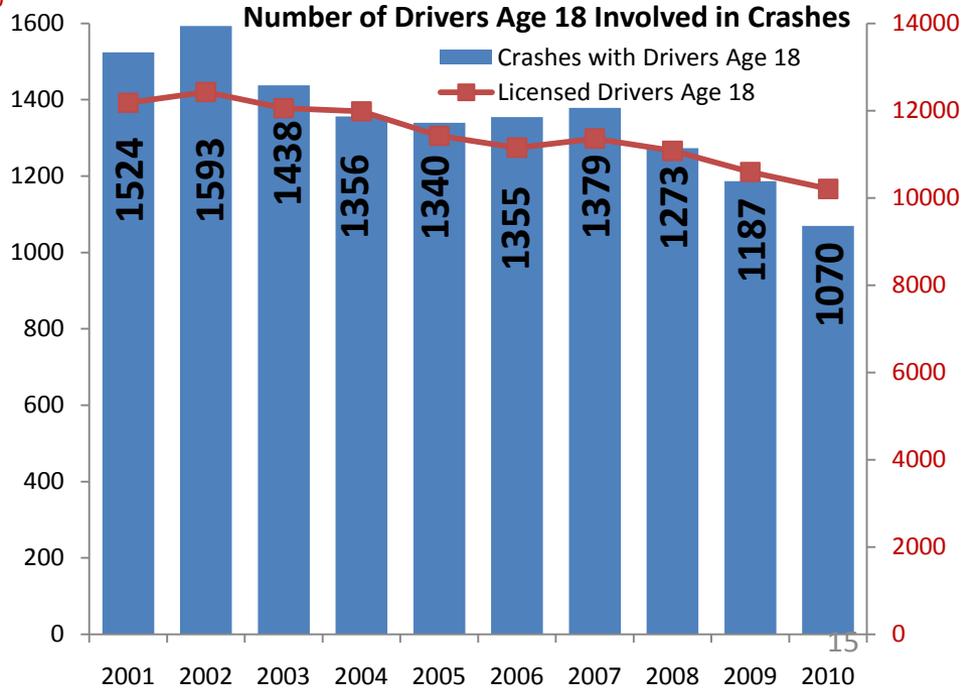
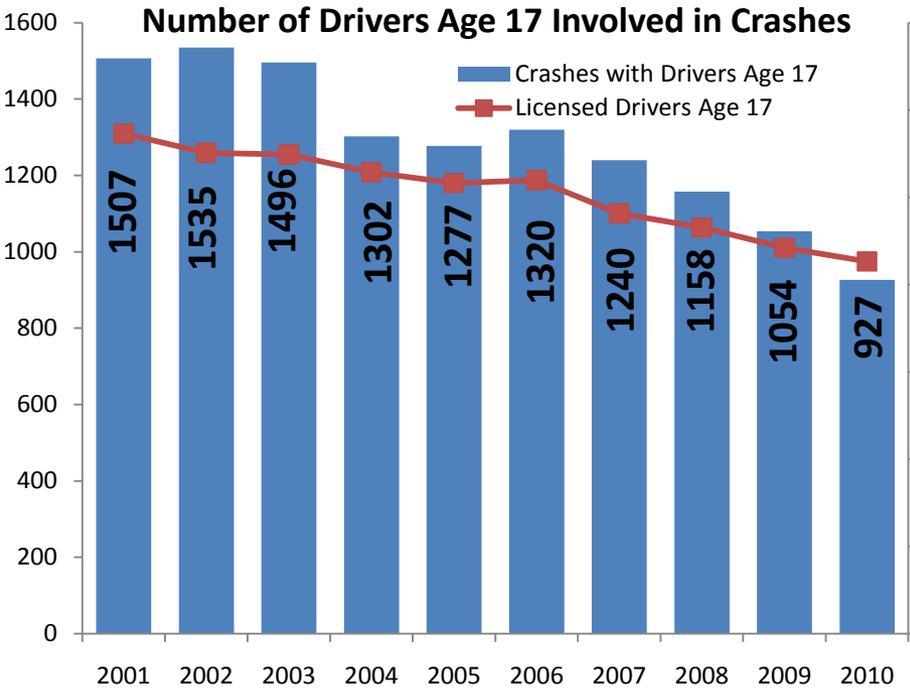
Number of Drivers Under Age 16 Involved in Crashes



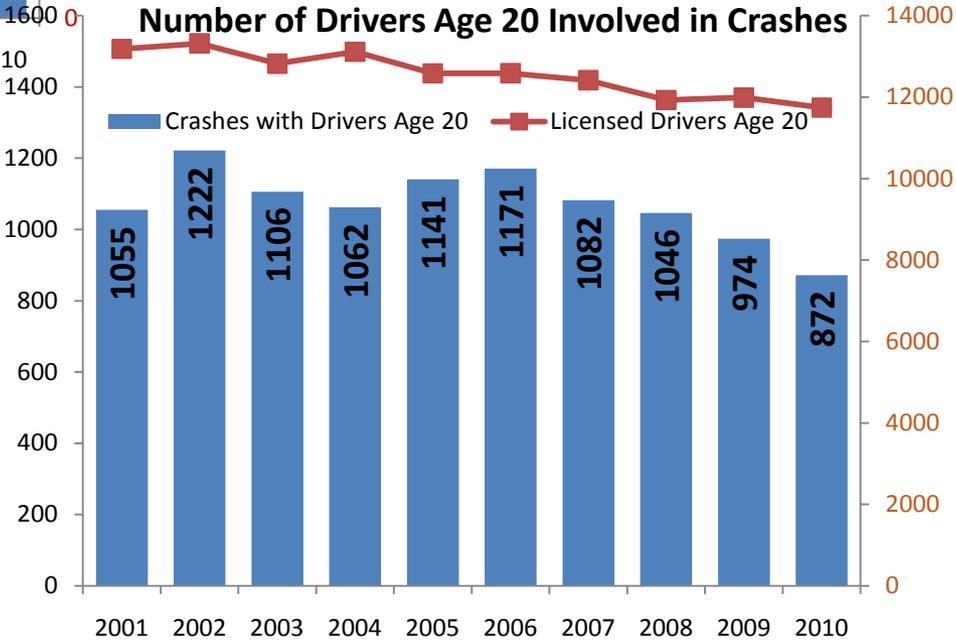
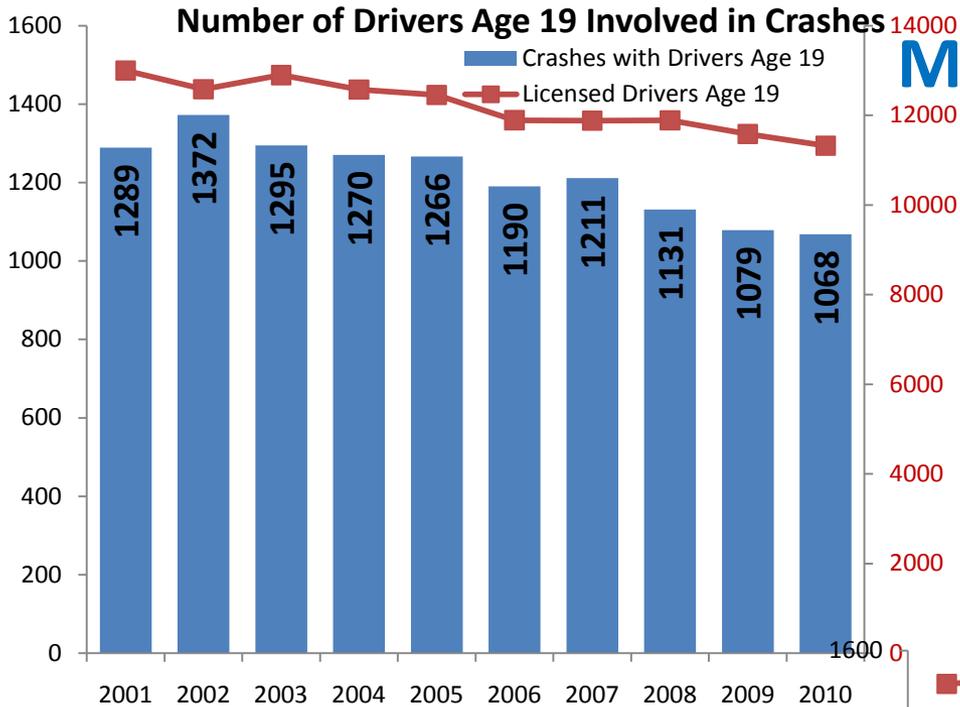
Number of Drivers Age 16 Involved in Crashes



Montana Teen Driver Crashes



Montana Teen Driver Crashes



Strategies

Engineering - Education - Enforcement

- GDL – Parent Involvement
- Affordable Accessible Driver Education
- Seat belt use
- Speed Control
- Vigorous Enforcement Underage Drinking laws

Alcohol and Impaired Driving

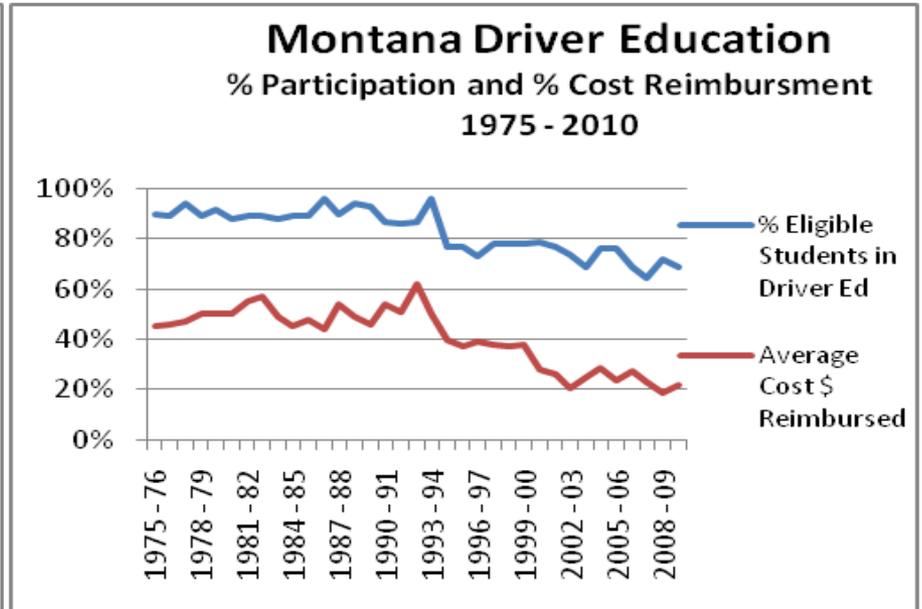
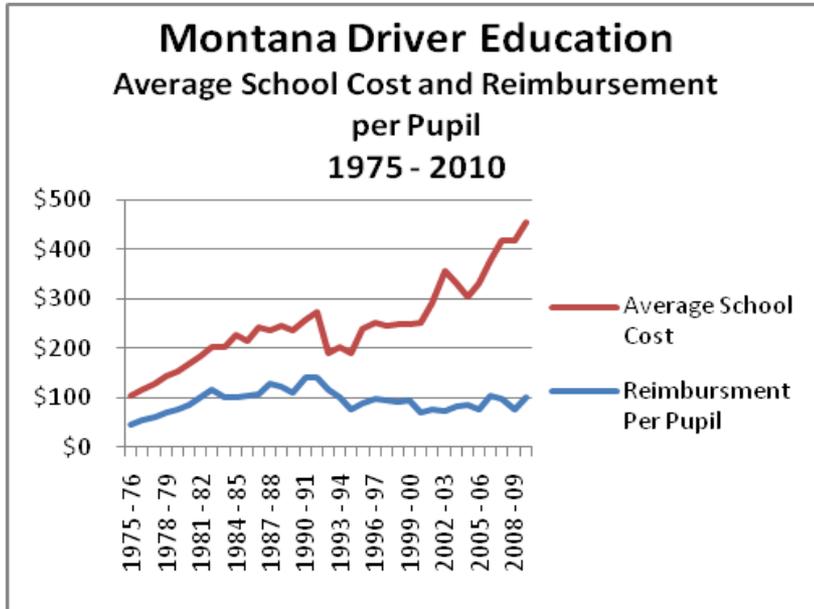
Alcohol is involved in about 16 percent of fatal crashes involving 16 and 17 year old drivers.



The 2009 Youth Risk Behavior Survey found in Montana High Schools teens reported:

- 28.8% Rode in a car driven by someone who had been drinking alcohol during the past 30 days
- 13.5% Drove a car when they had been drinking alcohol during the past 30 days.

Affordable Accessible Driver Education

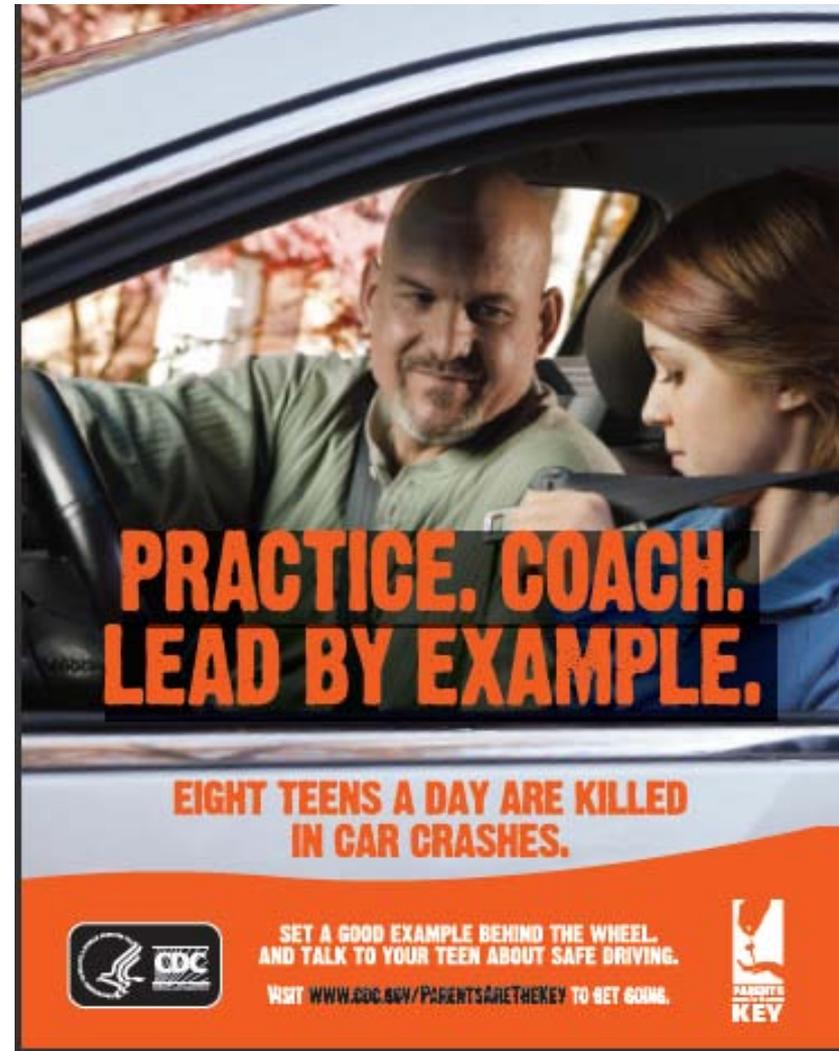


CDC Motor Vehicle Injury Prevention: A Winnable Battle

**Motor vehicle crashes are the
No. 1 cause of death for teens
in the U.S.**

Miles to Go: Facts

- Deaths of teens behind the wheel and their peer passengers account for 24% of total teen deaths from any cause.
- Motor Vehicle crashes end more teen lives than cancer, homicide and suicide combined.



Next Steps?

Research – Data – Communication - Education

