

The impact of speed on motor vehicle crashes

Lt. Tom Iverson



Speed Crashes

Speeding is a risky driving behavior that endangers everyone on the road.

Two types of speed crashes:

- Speeding
- Too fast for conditions



Consequences of Speeding

- Greater potential for loss of vehicle control
- Reduced effectiveness of occupant protection equipment
- Increased stopping distance
- Increased degree of crash severity
- Economic and psychological implications of a speed-related crash
- Increased fuel consumption/cost

2015 North Dakota Crashes

- One speed-related or 'too fast for conditions crash' occurred every 3.2 hours.
- 111 fatal crashes in 2015
- 32.4% of fatal crashes were speed-related or too fast for conditions
- 42.8% of speed-related crashes occurred from 3 - 8 p.m.
- 50% of too fast for conditions-related crashes occurred from 6 - 8 a.m.
- Drivers between 18-29 years old account for 45.1% of crashes where speed and too fast for conditions were contributing factors

Reasons for Speeding

- Traffic
- Running late
- Anonymity
- Disregard for others and the law

Time Saved by Speeding

Trip	Distance	Speed Limit	Speed+10	Time (in minutes)	Time w/ Speeding	Savings
A	15	35	45	25.71	20	5.71
B	15	45	55	20	16.36	3.64
C	15	55	65	16.36	13.85	2.51
D	30	45	55	40	32.73	7.27
E	30	55	65	32.73	27.69	5.04
F	30	65	75	27.69	24	3.69
G	50	45	55	66.67	54.55	12.12
H	50	55	65	54.55	46.15	8.4
I	50	65	75	46.15	40	6.15
J	500	55	65	545.45	461.54	83.91
K	500	65	75	461.54	400	61.54
L	500	75	85	400	352.94	47.06

Arrive Alive

Best chance of arriving safely:

- Obey the posted speed limit, paying attention to conditions
- Buckle up
- Always drive sober

Speeding Fines

Highlights to SB 2057 (Bill was defeated)

~~7.6.~~ On a highway on which the speed limit is posted in excess of ~~sixty-~~
~~five~~fifty-five miles

~~[104.61 kilometers]~~[88.51 kilometers] an hour, for a violation of section 39-09-02, or equivalent ordinance, a fee of ~~five~~fifty dollars plus ten dollars for each mile per hour over the limit.

i. ~~Seventy-five~~Eighty miles ~~[120.70]~~[128.75] kilometers] an hour on

access-controlled, paved and divided, multilane interstate highways, unless otherwise permitted, restricted, or required by conditions.