

Comparative Analysis of Death & Injury Rates Per One Million Hours of Risk Exposure: Skiing / Snowboarding Vs Automobile Driving in California*

Ski industry statements about the comparative safety of skiing are extremely misleading. They do not correct for relative exposure time to the risk of death or injury.

Data and Assumptions*

25 Million licensed CA Drivers

National average of licensed driver hours per day: .75 (AAA)

451 CA resident driver deaths per year (2014 EPIC data)

9040 CA resident driver hospital admissions (2014 EPIC data)

130,684 CA resident driver emergency room visits (2014 EPIC Data)

4.4-4.8 (.8 X 5.5-6.0) Million CA resident skier days per year (Avg 4.6)

Avg. skier/snowboarder hours per day on the slopes: 6

Avg. CA resident skier/snowboarder deaths per year: 5 (CO Avg of 1.1 per million)

5 year (2007-2011) annual average CA resident skier hospital admissions: 490 (EPIC DATA)

5 year (2007-2011) annual average CA resident skier emergency room visits: 9423 (EPIC DATA)

Driver death Rate per 1 Million Hours:

451 / 25 M licensed drivers X 365 days X .75 hours per day =

451 deaths/6843 Million driving hours=

.065 deaths per million hours

Skier/ Snowboarder death Rate per 1 Million Hours

5 deaths / 4.6M skier/boarder days X 6 hours per day

5 deaths / 27.6 Million skier/boarder hours=

.18 deaths per Million hours

Driver combined Hospital admission / ER visits per 1 Million Hours

139724 combined Hospital admissions and ER visits / 6843 Million driving hours

20.4 injuries per 1 million hours

Skier / Snowboarder combined Hospital admissions/ ER visits per 1 Million hours

9913 CA resident skier hospital admissions and ER visits / 27.6 Million skier / boarder hours

359 injuries per 1 million hours

* All assumptions likely result in a lower than actual comparative skiing/boarder injury and death rates:

e.g. California average licensed driver hours per day is likely significantly higher (up to 1.5X) than national average; Avg. skier / boarder is likely on the slopes far less than 6 hours per day; 5 CA resident skier/ boarder deaths per year is based on documented CO avg. fatality rate of 1.1 per 1 million skier days and is far lower than annual estimates from press reports in CA..