Teen Driving Safety
2022 Resource Guide

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INTRODUCTION

Teenagers contribute to, and suffer from, the consequences of motor vehicle collisions at a disproportionate rate. Teen drivers ages 16 - 19 are nearly three times as likely as drivers aged 20 or older to be in a fatal crash.¹

In 2019, 4,356 people were killed in crashes involving young drivers (aged 15 - 20). Of these fatalities, 1,603 were young drivers, 880 were passengers of young drivers, and the remaining 1,873 victims were non-occupants and occupants of the other vehicles involved in crashes with young drivers.² At particularly high risk are male drivers aged 16 – 18, teens driving with teen passengers, and newly licensed teens. Teen driver crashes more often involve: driver error, lack of safety belt use, excessive speed, reckless driving, single vehicle crashes, nighttime fatal crashes, increased risk with every additional passenger, distractions, and alcohol and drugs.

Teen motor vehicle crashes are preventable and there are proven strategies which can increase the safety of young drivers as well as all other road users. This resource guide provides links to organizations, programs, publications, and resources focused on teen driving safety. It is divided into five sections: (1) organizations; (2) prevention resources; (3) laws; (4) data sources; and (5) publications. The resources included in this guide are not meant to be comprehensive, nor are the listings intended as endorsements.


ORGANIZATIONS

AAA Foundation for Traffic Safety
http://www.aaafoundation.org/

Centers for Disease Control and Prevention (CDC)
https://www.cdc.gov/transportationsafety/teen_drivers/index.html

Governors Highway Safety Association (GHSA)
http://www.ghsa.org/

Insurance Institute for Highway Safety (IIHS)
https://www.iihs.org/topics/teenagers

Mothers Against Drunk Driving (MADD)
http://www.madd.org/

National Highway Traffic Safety Administration (NHTSA)
http://www.nhtsa.gov/

National Safety Council (NSC)
http://www.nsc.org/

Students Against Destructive Decisions (SADD)
http://www.sadd.org/

Youth for Road Safety (YOURS)
http://www.youthforroadsafety.org/

PREVENTION RESOURCES

Alive at 25 | National Safety Council

Checkpoints | University of Michigan Injury Prevention Center
https://youngdriverparenting.org/

Distracted Driving | National Highway Traffic Safety Administration
https://www.nhtsa.gov/campaign/distracted-driving

Driving with Neurodevelopmental Differences | Children’s Hospital of Philadelphia
https://www.teendriversource.org/learning-to-drive/driving-with-neurodevelopmental-differences

Graduated Licensing Calculator | Insurance Institute for Highway Safety
https://www.iihs.org/topics/teenagers/gdl-calculator

Impact Teen Drivers
https://www.impactteendrivers.org

Impaired Driving: Talk with Your Kids | Substance Abuse and Mental Health Services Administration
https://www.samhsa.gov/talk-they-hear-you/parent-resources/impaired-driving

Injury Prevention | Indian Health Service
https://www.ihs.gov/phoenix/programsservices/enviromentalhealth/injury-prevention/

National Teen Driver Safety Week | National Highway Traffic Safety Administration

Parents Are the Key to Safe Teen Drivers | Centers for Disease Control
http://www.cdc.gov/parentsarethekey/
https://www.ghsa.org/resources/Peer-to-Peer19

Prevent Impaired Driving | Community Anti-Drug Coalitions of America (CADCA)
http://www.preventimpaireddriving.org/

Rural Driving on Country Roads | Children’s Hospital of Philadelphia
https://www.teendriversource.org/learning-to-drive/practice-driving-lessons/driving-environments/country-roads


State-Specific Costs of Motor Vehicle Crash Deaths | Centers for Disease Control
https://www.cdc.gov/transportationsafety/statecosts/index.html

https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813078

Teen Drinking and Driving | Centers for Disease Control Vital Signs (2021)
https://www.cdc.gov/vitalsigns/teendrinkinganddriving/index.html

Teen Driver Safety | AAA


Teen Driver Source | Children’s Hospital of Philadelphia
http://www.teendriversource.org/

Teen Driving | National Highway Traffic Safety Administration
https://www.nhtsa.gov/road-safety/teen-driving

TeenDrivingPlan (TDP) | Children’s Hospital of Philadelphia
http://www.teendriversource.org/more_pages/page/teen_driving_plan_tdp/researcher
Teen Driving Safety Webinar: Recent Research and Implications for Prevention | Children’s Safety Network (2021)
https://www.childrenssafetynetwork.org/events/teen-driving-safety-recent-research-implications-prevention

Teens in the Driver Seat | Texas A&M Transportation Institute
https://www.y-driver.com/the-solution/teens-in-the-driver-seat/

Transportation Safety: Teen Drivers | Centers for Disease Control
https://www.cdc.gov/transportationsafety/teen_drivers/index.html

Youth for Road Safety Resources | YOURS
http://www.youthforroadsafety.org/resources

**LAWS**

Distracted Driving Laws by State | Governor’s Highway Safety Association
https://www.ghsa.org/state-laws/issues/distracted%20driving

Drug Impaired Driving Laws by State | Governor’s Highway Safety Association
https://www.ghsa.org/state-laws/issues/drug%20impaired%20driving

Graduated Licensing Laws by State | Insurance Institute for Highway Safety
https://www.iihs.org/topics/teenagers/graduated-licensing-laws-table

Report to the Nation, 2019 | Mothers Against Drunk Driving
https://www.madd.org/state-statistics-2

Seat Belt Laws by State | Governor’s Highway Safety Association
https://www.ghsa.org/state-laws/issues/seat%20belts

Teen and Novice Drivers Licensing Laws by State | Governor’s Highway Safety Association
DATA SOURCES

CDC WISQARS (Web-based Injury Statistics Query and Reporting System) | Centers for Disease Control

CDC WONDER | Centers for Disease Control
https://wonder.cdc.gov/

Healthcare Cost and Utilization Project (HCUP) Databases | Agency for Healthcare Research and Quality
https://www.ahrq.gov/data/hcup/index.html

National Center for Fatality Review and Prevention
https://www.ncfrp.org/

National Trauma Data Bank | US College of Surgeons
https://www.facs.org/quality-programs/trauma/tqp/center-programs/ntdb

Youth Risk Behavior Surveillance System (YRBSS) | Centers for Disease Control

Crash Data Systems | National Highway Traffic Safety Administration

Crash Injury Research (CIREN)
https://one.nhtsa.gov/Research/Crash-Injury-Research-(CIREN)

Crash Investigation Sampling System (CISS)

Crash Report Sampling System (CRSS)

Fatality Analysis Reporting System (FARS)

State Data Programs

PUBLICATIONS


Alcohol-Impaired Driving | National Highway Traffic Safety Administration (2021)
https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813120
Associations Between Graduated Driver Licensing Restrictions and Delay in Driving Licensure Among U.S. High School Students | Journal of Transport and Health (2021)

Distracted Driving Laws and Motor Vehicle Crash Fatalities | Pediatrics (2020)
Flaherty MR, Kin AM, Salt MD, Lee LK
https://pediatrics.aappublications.org/content/145/6/e20193621


Shults RA, Shaw KMM, Yellman MA, Jones SE

Hammig B, Davis R, Jones C

Driving Under the Influence of Marijuana and Illicit Drugs Among Persons Aged 16+ Years – United States, 2018 | Centers for Disease Control MMWR (2019)
Alzofeifa A, Rexach-Guzman BD, Hagemeyer AN, Rudd RA, Sauer-Schatz EK
https://www.cdc.gov/mmwr/volumes/68/wr/mm6850a1.htm?s_cid=mm6850a1_w

Pitt TM, Howard A, HukaRao T, Hagel B

Learner Driver Experience and Teenagers’ Crash Risk During the First Year of Independent Driving | JAMA Pediatrics (2020)
Longitudinal Associations of 12th-Grade Binge Drinking with Risky Driving and High-Risk Drinking | Pediatrics (2020)
Vaca FE, Li Kaigang, Luk JW, Hingson RW, Haynie DL, Simons-Morton BG
https://pediatrics.aappublications.org/content/145/2/e20184095

Mission Not Accomplished: Teen Safe Driving, the Next Chapter | Governor's Highway Safety Association (2016)


Parent and Teen Factors Associated With the Amount and Variety of Supervised Practice Driving | Safety Science (2019)
Ehsani JP, Kar IN, Klauer SG, Dingus TA, Simons-Morton B

Riding with an Impaired Driver and Driving While Impaired Among Adolescents: Longitudinal Trajectories and Their Characteristics | Traffic Injury Prevention (2021)
Vaca FE, Li K, Haynie D, Gao X, Camenga DR, Dziura J et al.

https://journals.lww.com/spinejournal/Abstract/9000/Seatbelts_Save_Lives,_and_Spines,_in_Motor_Vehicle.93688.aspx

Support for Distracted Driving Laws: An Analysis of Adolescent Drivers from the Traffic Safety Culture Index from 2011 to 2017 | Transportation Research (2021)
Pope CN, Nwosu A, Rudisill TM, Zhu M
https://doi.org/10.1016/j.trf.2021.02.022

Teen Driver Crashes Potentially Preventable by Crash Avoidance Features and Teen-Driver-Specific Safety Technologies | Insurance Institute for Highway Safety (2021)
Mueller AS, Cicchino JB
https://www.iihs.org/api/datastoredocument/bibliography/2237
Teens and Speeding: Breaking the Deadly Cycle | Governor's Highway Safety Association (2021)

The Effects of Age on Crash Risk Associated with Driver Distraction | International Journal of Epidemiology (2017)

Transportation Risk Behaviors Among High School Students, Youth Risk Behavior Survey, United States, 2019 | Centers for Disease Control (2020)
Yellamn MA, Bryan L, Sauber-Schatz EK, Brener N
https://www.cdc.gov/mmwr/volumes/69/su/su6901a9.htm

Young Driver Licensing and COVID-19 | Injury Prevention (2021)
Ehsani JP, Kinnear N
http://dx.doi.org/10.1136/injuryprev-2020-044053