



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

1 Insurance Institute for Highway Safety (IIHS). Fatality Facts 2019: Teenagers. Highway Loss Data Institute; March 2021. <https://www.iihs.org/topics/fatality-statistics/detail/teenagers>

2 Traffic Safety Facts: 2019 Data, Young Drivers, NHTSA, Jun. 2021, DOT HS 813 130 available at <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813130>

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

<https://www.nsc.org/getmedia/76e459c4-cec6-4d11-b2f0-45d3bfd579d3/alive25.pdf?ver=2019-01-11-180822-197>

Checkpoints | University of Michigan Injury Prevention Center

<https://youngdriverparenting.org/>

Countermeasures That Work: A Highway Safety Countermeasure Guide for State Highway Safety Offices | National Highway Traffic Safety Administration (2023)

<https://www.nhtsa.gov/book/countermeasures/countermeasures-that-work>

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

<https://www.trafficsafetymarketing.gov/get-materials/teen-safety/national-teen-driver-safety-week>

Parents Are the Key to Safe Teen Drivers | Centers for Disease Control

<http://www.cdc.gov/parentsarethekey/>



Peer-to-Peer Teen Traffic Safety Program Guide | Governor's Highway Safety Association (2019)
<https://www.ghsa.org/resources/Peer-to-Peer19>

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

Risk Factors for Teen Drivers | Centers for Disease Control and Prevention
<https://www.cdc.gov/teen-drivers/risk-factors/index.html>

Rural Driving on Country Roads | Children's Hospital of Philadelphia
<https://teendriversource.research.chop.edu/learning-to-drive/practice-driving-lessons/driving-environments/country-roads>

Shifting Gears: The Blunt Truth About Marijuana and Driving | AAA Northeast (2019)
<https://northeast.aaa.com/community/Shifting-Gears/shifting-gears-lesson-plan.html>

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

Teen Distracted Driver Data | National Highway Traffic Safety Administration (2024)
<https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813558>

Teen Drivers | Centers for Disease Control and Prevention
<https://www.cdc.gov/teen-drivers/about>

Teen Driver Safety | AAA
<https://exchange.aaa.com/safety/teen-driver-safety/>

Teen Driver Safety Change Package and Outcome Measures Worksheet | Children's Safety Network (2024)
<https://www.childrenssafetynetwork.org/sites/default/files/TeenDrivingSafetyOutcomeMeasureWorksheet.pdf>

Teen Driver Source | Children's Hospital of Philadelphia
<https://teendriversource.research.chop.edu/>

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

TeenDrivingPlan (TDP) | Children's Hospital of Philadelphia
https://injury.research.chop.edu/sites/default/files/documents/teendrivingplan_practice_guide_0.pdf

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/>

Teen Drivers | Centers for Disease Control

<https://www.cdc.gov/teen-drivers/about/>

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://online.flippingbook.com/view/361187/>

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

<https://www.ghsa.org/state-laws/issues/teen%20and%20novice%20drivers>

DATA SOURCES

CDC WISQARS (Web-based Injury Statistics Query and Reporting System) | Centers for Disease Control
<https://www.cdc.gov/injury/wisqars/index.html>

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
<https://nccd.cdc.gov/youthonline/App/Default.aspx>

PUBLICATIONS

A Driver Training Program Intervention for Student Drivers with Autism Spectrum Disorder: A Multi-site Randomised Controlled Trial | Journal of Autism and Developmental Disorders (2021)
Vindin P, Cordier R, Wilson NJ, Lee H
<https://link.springer.com/article/10.1007/s10803-020-04825-5>

Alcohol-Impaired Driving | National Highway Traffic Safety Administration (2024)
<https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/813578>

Crash Data Systems | National Highway Traffic Safety Administration

<https://www.nhtsa.gov/data/crash-data-systems>

Crash Injury Research (CIREN)
<https://crashviewer.nhtsa.dot.gov/CIREN/SearchIndex>

Crash Investigation Sampling System (CISS)
<https://www.nhtsa.gov/crash-data-systems/crash-investigation-sampling-system>

Crash Report Sampling System (CRSS)
<https://www.nhtsa.gov/crash-data-systems/crash-report-sampling-system>

Fatality Analysis Reporting System (FARS)
<https://www.nhtsa.gov/crash-data-systems/fatality-analysis-reporting-system>

State Data Programs
<https://www.nhtsa.gov/research-data/state-data-programs>

Associations Between Graduated Driver Licensing Restrictions and Delay in Driving Licensure Among U.S. High School Students | Journal of Transport and Health (2021)

Vaca FE, Li K, Fell JC, Haynie DL, Simons-Morton B, Romano E

<https://www.sciencedirect.com/science/article/abs/pii/S2214140521000980>

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>

Distracted Driving, Visual Inattention, and Crash Risk Among Teenage Drivers | American Journal of Preventive Medicine (2019)

Gershon P, Sita KR, Zhu C, Ehsani JP, Klauer SG, .Dingus TA,. Simons-Morton BG

<https://www.sciencedirect.com/science/article/abs/pii/S0749379718324504>

Does Geographic Location Matter for Transportation Risk Behaviors Among U.S. Public High School Students? | Journal of Transport and Health (2021)

Shults RA, Shaw KMM, Yellman MA, Jones SE

<https://www.sciencedirect.com/science/article/abs/pii/S221414052100164X>

Driving After Marijuana Use Among US Adolescents: Prevalence Profiles and Related Behaviors | Traffic Injury Prevention (2021)

Hammig B, Davis R, Jones C

<https://www.tandfonline.com/doi/full/10.1080/15389588.2021.1906870>

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

Identifying Modifiable Factors Related to Novice Adolescent Driver Fault in Motor Vehicle Collisions | Traffic Injury Prevention (2021)

Pitt TM, Howard A, HukaRao T, Hagel B

<https://www.tandfonline.com/doi/full/10.1080/15389588.2021.1923700>

Learner Driver Experience and Teenagers' Crash Risk During the First Year of Independent Driving | JAMA Pediatrics (2020)

Ehsani JP, Gershon P, Grant BJB, Zhu C, Klauer SG, Dingus TA, Simons-Morton BG

<https://pubmed.ncbi.nlm.nih.gov/32250391/>

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)

https://www.ghsa.org/sites/default/files/2016-12/FINAL_TeenReport16.pdf

Orientation Sessions for Parents of Young Novice Drivers: An Assessment of U.S. Programs and Recommendations | AAA Foundation for Traffic Safety (2018)

<https://aaafoundation.org/wp-content/uploads/2018/06/Goodwin-Parent-Orientation-Sessions-Tech-Report-FINAL.pdf>

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

<https://www.sciencedirect.com/science/article/abs/pii/S092575351732060X>

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://www.tandfonline.com/doi/full/10.1080/15389588.2021.1910244>

Seatbelts Save Lives, and Spines, in Motor Vehicle Accidents | Spine (2021)

Sarwahi V, Atlas AM, Galina J, Satin A, Dowling TJ 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 | Journal of Safety Research (2022)

Mueller AS, Cicchino JB

<https://www.sciencedirect.com/science/article/abs/pii/S0022437522000433>

Teens and Speeding: Breaking the Deadly Cycle | Governor's Highway Safety Association (2021)
https://www.ghsa.org/sites/default/files/2021-02/GHSA_TeenSpeeding_Feb16.pdf

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

Guo F, Klauer S., Fang, Y., Hankey, J., Antin, J., Perez, M., Lee, S., & Dingus, T.
<https://pubmed.ncbi.nlm.nih.gov/28338711/>

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>



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