

# Teen Crash Data

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# Introduction

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- Overall statistics
- Motor Vehicle Crashes – Ohio
  - Fatalities
  - Injuries
    - By age



# Teen Behaviors

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- Research shows which behaviors contribute to teen-related crashes:
  - Inexperience, immaturity combined with:
    - Speed
    - Drinking and driving
    - Not wearing safety belts
    - Distracted driving
    - Nighttime driving
    - Other drug use



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# Teen Statistics

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- Traffic crashes are the leading cause of death for teenagers in America.
- One teen dies in a traffic crash about once every hour on weekends
  - Nearly once every two hours during the week
- Teens are involved in three times as many fatal crashes as all other drivers.



# Crash Statistics Comparisons - 2008

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## ○ Ohio

- 1,191 persons killed – all ages
  - 81 drivers killed – ages 16-20
  - 43 passengers killed – ages 16-20
- 112,402 persons injured – all ages
  - 11,582 drivers injured – ages 16-20
  - 5,563 passengers injured – ages 16-20

Ohio Department of Public Safety: 2008 Ohio Crash Facts



## ○ Franklin County

- 94 persons killed – all ages
  - 4 drivers killed – ages 16-20
  - 5 passengers killed – ages 16-20
- 12,451 persons injured – all ages
  - 1,008 drivers injured – ages 16-20
  - 596 passengers injured - ages 16-20



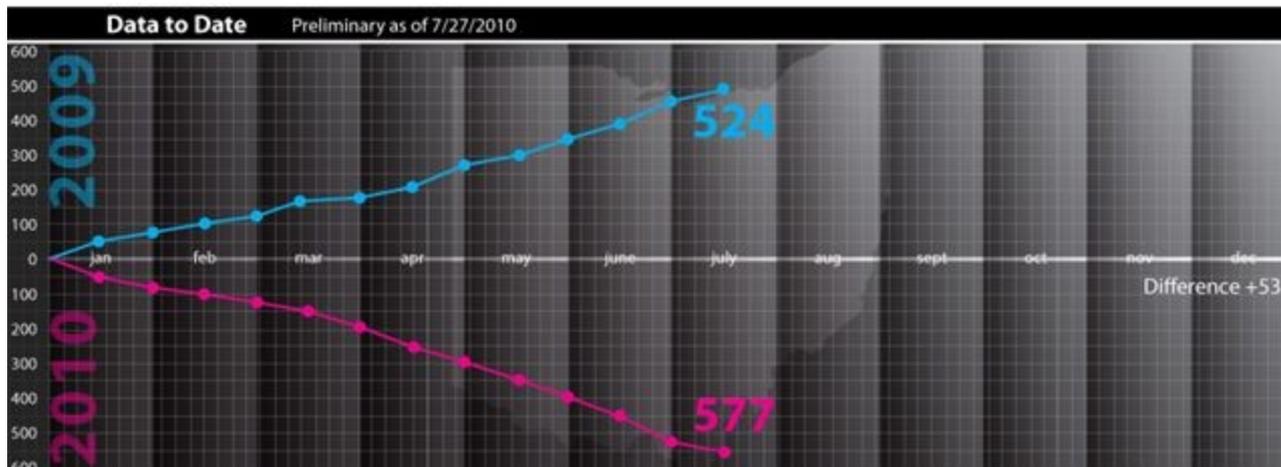
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# Trends

- Fatalities decreased from 1191 in 2008 to 1021 in 2009, but are now at 577 as compared with the same time in 2009 (524) *ODPS Crash Statistics 2010*

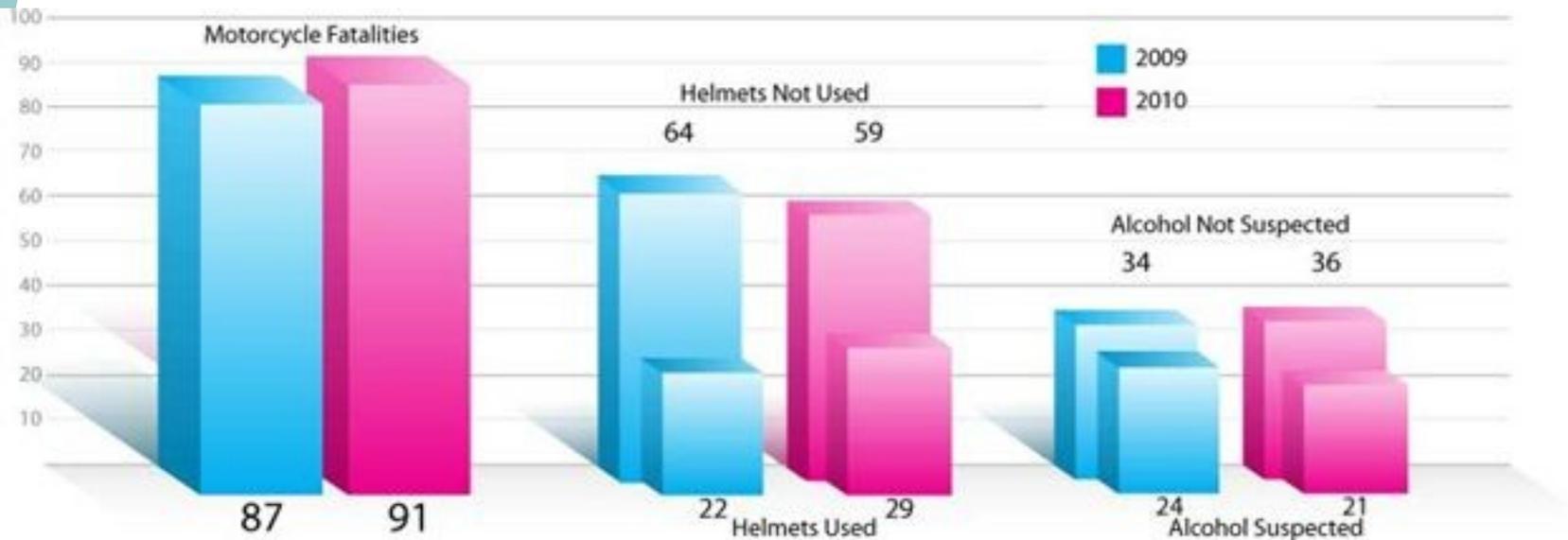


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# More Data – Motorcycles & Alcohol

## ○ 2009-2010 ODPS Crash Facts



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# Ohio Crash Data

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- To look at your own county's crash data for the past three years, go to [http://statepatrol.ohio.gov/fatal\\_comp.stm](http://statepatrol.ohio.gov/fatal_comp.stm)
  - And click on your county

# Crash Statistics Comparisons - 2009

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- Ohio
  - 1,022 Persons killed – all ages
    - 88 drivers killed – ages 16-20
    - 30 passengers killed – ages 16-20
  - 107,564 Persons injured – all ages
    - 11,123 drivers injured – ages 16-20
    - 5,638 persons injured – ages 16-20
- Franklin County
  - 75 Persons killed – all ages
  - 5 drivers killed – ages 16-20
  - 1 passengers killed – ages 16-20
- 11,739 persons injured – all ages
  - 907 drivers injured – ages 16-20
  - 525 passengers injured – ages 16-20

Ohio Department of Public Safety: Ohio Crash Facts 2009



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# Ohio Crash Statistics - 2008

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- 1,191 Fatal Crashes
- 849 Drivers were killed
- 244 Passengers were killed
  - 178 Failed to control
  - 173 Drove at unsafe speed
  - 120 Made improper lane change
  - 107 Failed to yield
  - 101 Drove left of center
- 70,890 Non-fatal injury crashes
  - 18,845 Followed too closely
  - 12,292 Failed to yield
  - 11,903 Failed to control
  - 6,671 Were speeding
  - 4,561 Ran red light or stop sign
  - 3,457 Made improper lane change
  - 2,386 Were caused by driver inattention

Ohio Department of Public  
Safety: 2008 Ohio  
Traffic Crash Facts



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# Franklin County Statistics - 2008

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- 62 Fatal Crashes
  - 21 Failed to control
  - 10 Were unknown
  - 5 Failed to yield
  - 5 Ran red light or stop sign
  - 5 Made improper lane change
- 7,804 Non-fatal injuries
  - 2,593 Followed too closely
  - 1,665 Failed to yield
  - 1,464 Failed to control
  - 588 Ran red light or stop sign
  - 337 Made improper lane change

Ohio Department of  
Public Safety: 2008  
Ohio Crash Facts



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# Teen Driver Stats, Ages 16-20 In Ohio - 2009

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- 118 Teens killed
  - 88 Drivers
  - 30 Passengers
- 37 (33.9%) Used their seat belts
- 63 Did **not** use their seat belts
- 16,761 Teens Injured in Crashes
  - 11,123 Drivers
  - 5,638 Passengers
- 13,339 (83.1%) Used their seat belts
- 1,889 Did **not** use their seat belts

Ohio Department of Public Safety: 2009  
Ohio Crash Facts



# Teen Driver Stats, Aged 16-20 Franklin County - 2009

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- 6 Teen drivers were killed
- Only 1 of 6 (16.7%) of fatal teen crashes used a seat belt
- 3 did not use seat belt
- 2 data not available
- 1,382 Teen drivers were injured
- 1,173 (84.9%) Teens injured used their seat belts
- 134 teens injured did not use their seat belts
- 75 data not available

Ohio Department of Public  
Safety: 2009 Ohio Crash  
Facts



# Alcohol Statistics – ODPS Crash Facts 2009

- Ohio
  - 12,423 Alcohol-related crashes
  - 338 Deaths
  - 7,543 Injuries
  - 1,254 of all drivers were alcohol impaired drivers in crashes ages 15-20
- Age 15, 11 alcohol impaired drivers involved in alcohol-related crashes
  - 5 Drivers were involved in fatal crashes
  - 581 Drivers in crashes
- Age 16, 44 alcohol impaired drivers involved in alcohol-related crashes
  - 14 Drivers were involved in fatal crashes
  - 9,424 Drivers in crashes



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# Additional Alcohol-Impaired Teen Facts

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- Age 17, 130 alcohol impaired drivers
  - 1 Alcohol impaired driver in fatal crash
  - 29 Drivers in fatal crashes
  - 13,708 drivers in crashes
- Age 18, 281 alcohol impaired drivers
  - 8 Alcohol impaired drivers in fatal crash
  - 52 Drivers in fatal crashes
  - 17,000 drivers in crashes
- Age 19, 398 alcohol impaired drivers
  - 9 Alcohol impaired drivers in fatal crashes
  - 44 Drivers in fatal crashes
  - 15,975 drivers in crashes
- Age 20, 390 alcohol impaired drivers in crashes
  - 8 Alcohol impaired drivers in fatal crashes
  - 38 drivers in fatal crashes
  - 14,642 drivers in crashes



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# Alcohol Involvement – Franklin County 2009

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- Passenger Vehicles
  - 1 driver in error killed himself, ages 16-20
  - 239 drivers in all crashes, ages 16-25, were alcohol-impaired
  - 4 alcohol-impaired drivers, ages 16-25, were involved in fatal crashes
- SUVs
  - 57 drivers, ages 16-25, were alcohol impaired drivers in all crashes
  - 25 drivers, ages 16-25, were alcohol impaired in injury crashes
  - 0 alcohol impaired drivers, ages 16-25, were involved in fatal crashes

Ohio Department of Public Safety: 2009 Ohio Crash Facts



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# Reasons for Fatalities – Ohio 2009

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- Types of Vehicles
  - 118 drivers of passenger vehicles, age 16-20, were involved in fatalities
  - 23 drivers of SUVs, ages 16-20, were involved in fatalities
  - 26 drivers of trucks, ages 16-20, were involved in fatalities
  - 3 motorcycle drivers, ages 16-20, were involved in fatalities
  - 6 other motorists, ages 16-20, were involved in fatalities
- The top 4 Errors included:
  - Unsafe speed
  - Failure to control
  - Failure to Yield
  - Improper Lane Changing



Ohio Department of Public Safety: 2009 Ohio Crash Facts



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# S.T.O.P.P.E.D. Program

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- Sheriff's Telling Our Parents & Promoting Educated Drivers
  - Collaboration between Columbus Public Health's Franklin County Safe Communities Program and local law enforcement agencies
    - To encourage safe driving behaviors among teens
    - Reduce teen risk-taking behaviors
    - Educate parents
    - Improve dialogue between teens and parents about safe driving behaviors



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# S.T.O.P.P.E.D. Data – 2009-2010

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- New Albany P.D.
  - 182 Citations/warnings
  - 104 were for speed = 57%
- Sharon Township P.D.
  - 39 Citations/warnings
  - 18 were for speed = 46%
- Whitehall P.D.
  - 46 citations/warnings
  - 10 – failure to yield or failure to control that resulted in crashes = 22%
  - 4 – were for speed = 8%
  - 1 was an OVI
- Grandview Heights Division of Police
  - 45 Citations/warnings
  - 14 were for speed = 31%



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# Car Teens Data - 2009

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- 245 Students participated
  - Data missing – 98 records
- 116 Students attended for speeding violations
- 10 Had failure to control violations
- 5 Had reckless operation violations
- 2 Had OVI/DUI violations
- 4 Had seat belt violations
- 10 Had other reasons for attending



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# Programs for Teens in Franklin County

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- CarTeens
- Goal is to provide information concerning driving safety in a format designed by their peers
  - Teens who are stopped by police for violations are sent to court by judge
  - Sponsored by Franklin County Court of Common Pleas, Juvenile Division
    - Partnership with OSU Extension, Franklin County 4-H Youth Development
    - Central Ohio ThinkFirst – OSU Med Ctr
    - Columbus Public Health
    - Franklin County Juvenile Court



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# Additional Resources

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- Bloom School of Driving Dynamix, Inc.
  - Unique driving school providing first time and established drivers the opportunity to improve their skills through dynamic car control drills.
  - Some court ordered students attend
  - Anyone can attend

# Questions?

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