



BACKGROUND DATA AND ADDITIONAL RESOURCES

COLLISION AND MORTALITY DATA

- In 2009, there were 33,963 traffic fatalities in the United States, according to the National Highway Traffic Safety Administration (NHTSA). Traffic injuries and fatalities (from crashes as well as bike and pedestrian accidents) are an enormous public health problem. In 2005, they were the leading cause of death for people ages 5 to 34 in the United States and the leading cause of injury-related death among all ages. In addition to loss of life, traffic crashes costs about \$164 billion annually in property damage and injuries.
 - Page 6: <http://www.apha.org/NR/rdonlyres/OECFA0F5-1C85-4323-A051-903513BE3B30/0/AttheIntersectionPHandTransportationNewCover.pdf>
- Higher levels of traffic accidents, death and related injury, causes an estimated \$163 billion annually in property damage and injuries.
 - <http://www.apha.org/NR/rdonlyres/C2D5FBCB-206C-4F02-B692-42903F5CBE86/0/HIATranFACTshtfinalrevised510.pdf>
- Vulnerable populations are disproportionately impacted collision injuries.
 - Older populations are over-represented in intersection fatalities by a factor of more than 2-to-1.
 - Twelve percent of the bicyclists killed in traffic crashes in 2008 were between 5 and 15 years old.
 - Hispanic pedestrians between the ages of 21 and 29 are traditionally overrepresented in traffic fatalities.
 - Fast-moving traffic on highways literally may divide communities, especially those with elderly and disabled citizens, and this isolation is associated with higher mortality and morbidity in the elderly.
 - Rural populations have disproportionately high injury mortality rates, where much of this increase is related to motor vehicle crashes.
 - Motor vehicle accidents are the leading cause of death for America’s teenagers. Fatalities as percentages of all motor vehicle traffic fatalities have been highest for African American children in the 4–15 age group.
 - http://www.apha.org/NR/rdonlyres/16FCAF7D-B13A-4D78-B909-DB92373E80AA/0/APHA_PublicHealthEquity_Final.pdf



AIR POLLUTION

- Living, working, going to school, or playing near major roadways increases the risk of asthma, as well as other health conditions such as cancer, respiratory illness and heart disease. Communities located near heavily traveled highways have a disproportionately higher rate of lung cancer. Air pollutants, including carbon monoxide, nitrogen oxides and particulate matter, are found along high traffic roads.
 - Page 6: <http://www.apha.org/NR/ronlyres/0ECFA0F5-1C85-4323-A051-903513BE3B30/0/AttheIntersectionPHandTransportationNewCover.pdf>
- Students in schools that are close to major highways have elevated occurrences of respiratory distress; people living within 300 meters of major highways are more likely to have asthma, leukemia and cardiovascular disease.
 - Pages 1-2: http://www.apha.org/NR/ronlyres/16FCAF7D-B13A-4D78-B909-DB92373E80AA/0/APHA_PublicHealthEquity_Final.pdf
- Polluted air that contributes to respiratory and cardiovascular disease and accelerates climate change has health costs associated estimated at \$40–\$60 billion per year in the U.S.
 - Page 1: <http://www.apha.org/NR/ronlyres/C2D5FBCB-206C-4F02-B692-42903F5CBE86/0/HIATranFACTshtfinalrevised510.pdf>

TRANSPORTATION AND PHYSICAL ACTIVITY

- Reduced opportunities for physical activity, which contribute to rising obesity, overweight and type 2 diabetes, cost our nation an estimated \$177 billion per year.
 - Page 1: <http://www.apha.org/NR/ronlyres/C2D5FBCB-206C-4F02-B692-42903F5CBE86/0/HIATranFACTshtfinalrevised510.pdf>

ADDITIONAL INFORMATION

- APHA Fact Sheets
 - [Transportation and Public Health](#)
 - [Equity and Health Issues in Transportation](#)
 - [Active Transportation](#)
 - [Transportation Health Impact Assessments](#)
- APHA Reports
 - [At the Intersection of Public Health and Transportation: Promoting Healthy Transportation Policy](#)
 - [The Hidden Health Costs of Transportation](#)



American
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www.apha.org

- APHA Additional Resources
 - ['What Healthy Communities Need from their Transportation Networks' Webinar Series](#)
 - [Transportation and Public Health Monthly eNewsletter](#)

- National Data Resources
 - [Center for Disease Control and Prevention Web-based Injury Statistics Query and Reporting System \(WISQARS\)](#)
 - [CDC National Environmental Public Health Tracking Network](#)
 - [Environmental Protection Agency \(EPA\) Air Pollution Data Sources](#)
 - [EPA, NOAA, NPS, tribal, state and local agencies: AirNow](#)
 - [2010 Census Data](#)