



# **BENCHMARKING REPORT**

## **ON BICYCLING AND WALKING**

### **IN THE UNITED STATES**

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**Policy Director**

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# THE LEAGUE OF AMERICAN BICYCLISTS



## BICYCLE FRIENDLY AMERICA

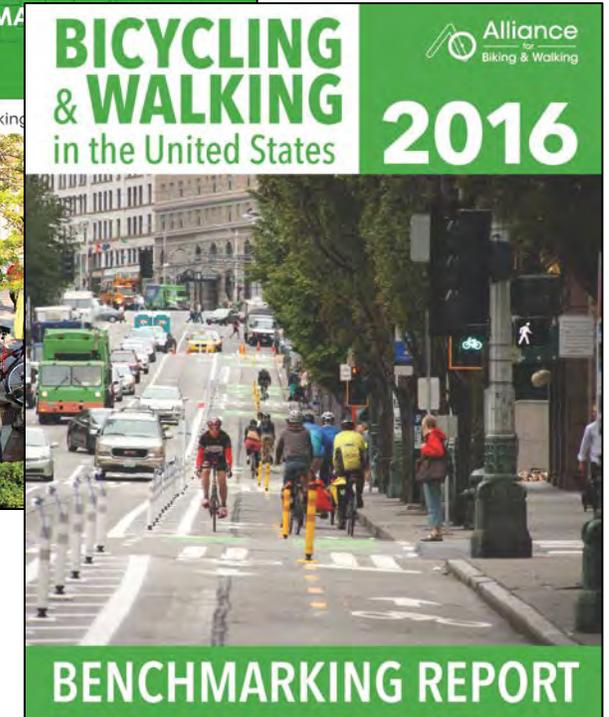
» Over 2,000 participants in Business, University, and Community programs

## SMART CYCLING

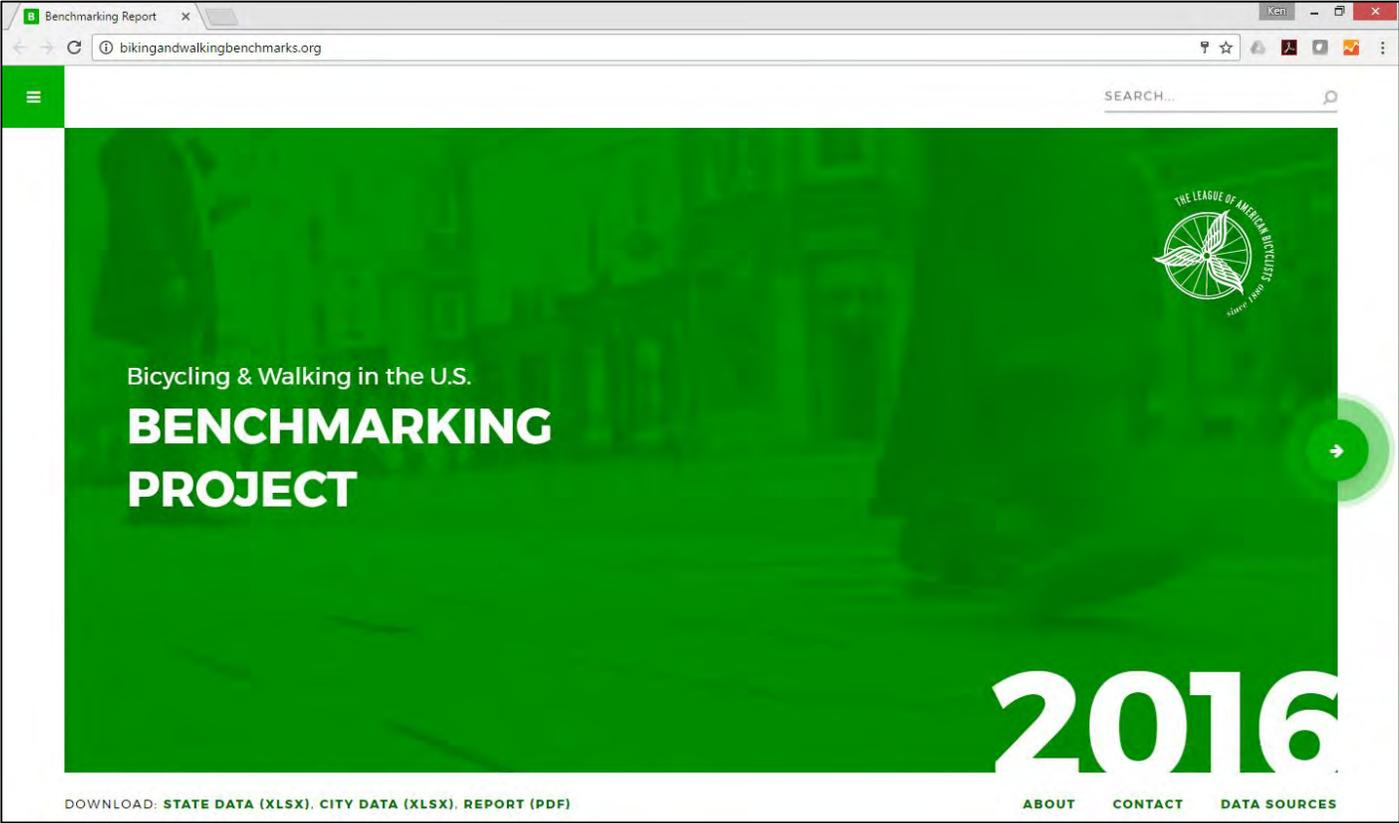
## ACTIVE TRANSPORTATION LEADERSHIP INSTITUTE

## NATIONAL BIKE SUMMIT

# HISTORY OF THE BENCHMARKING REPORT



# BENCHMARKING REPORT WEBSITE



[Bikingandwalkingbenchmarks.org](http://Bikingandwalkingbenchmarks.org)



# KEY USES OF THE BENCHMARKING REPORT WEBSITE

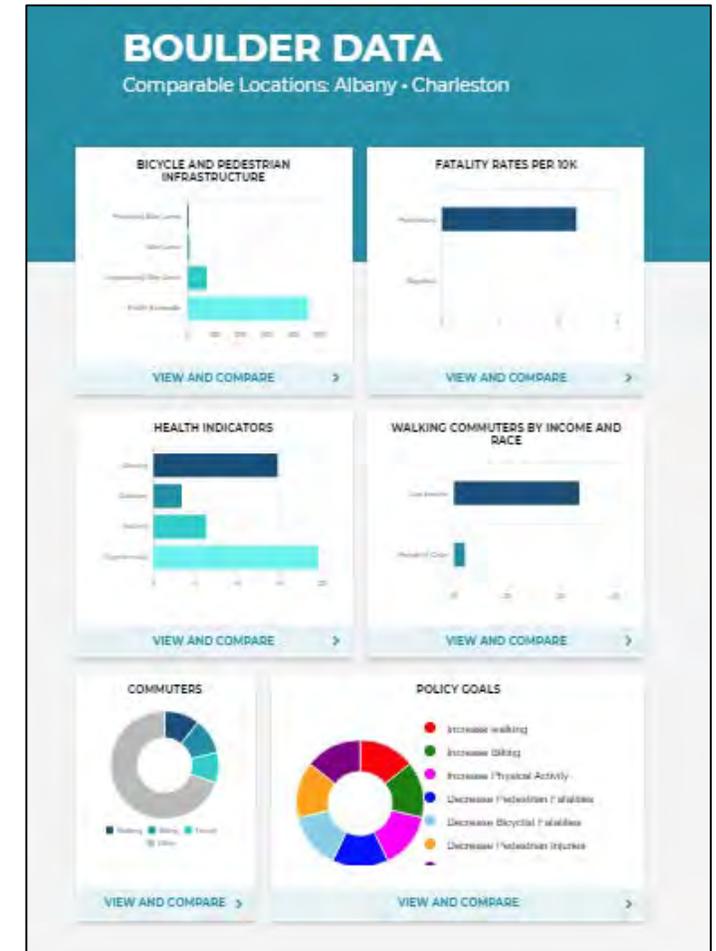
## INTERACTIVE CHARTS

- » 53 Charts
- » Custom Reports

## COMPARING STATES

## COMPARING CITIES

- » 50 largest cities + 18 additional cities



# COMPARING STATES OR COMMUNITIES

**CHOOSE YOUR EXPERIENCE**

EXPLORE DATA BY LOCATION | EXPLORE GENERAL TRENDS

In the next step, you'll select a state or city that you want to visualize and explore. We'll suggest a few more so you can make comparisons.

TARGET LOCATION:  
**WASHINGTON**

Based on your selection, we've chosen two comparable locations based on population size. You may select one additional location.

Massachusetts  
Pop. 6,648,138

Virginia  
Pop. 8,184,299

ADD LOCATION

Choose a target location by...

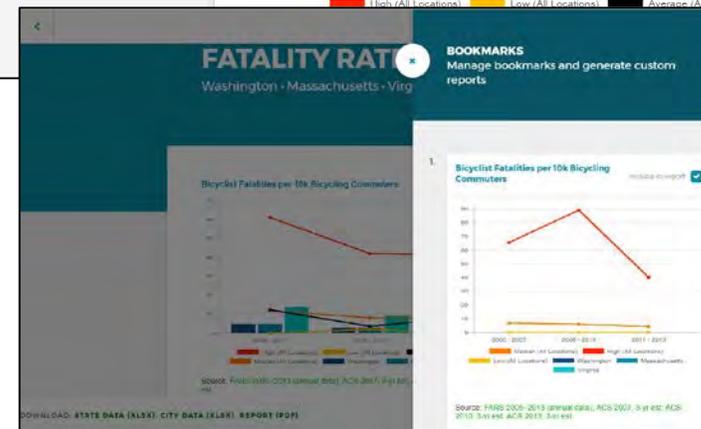
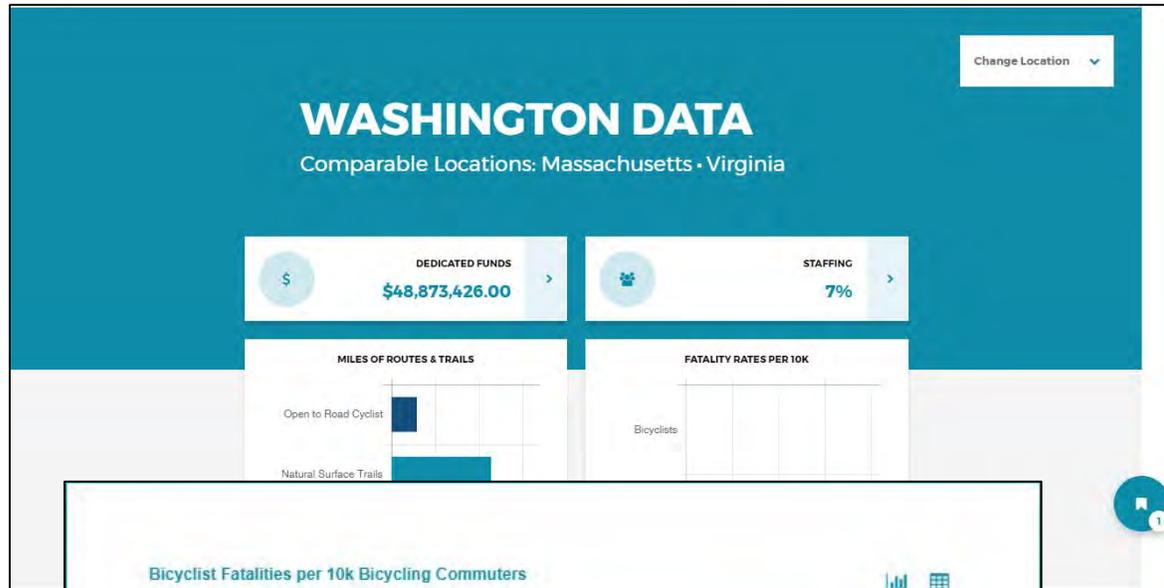
**U.S. STATES** →

**U.S. CITIES** →

- Alabama
- Alaska
- Arizona
- Arkansas
- California
- Colorado
- Connecticut
- Delaware
- Florida
- Georgia
- Hawaii
- Idaho
- Illinois
- Indiana



# EXPLORING STATE OR COMMUNITY DATA



# MAKE YOUR CASE CHAPTERS

SEAI Change Location

MAKE YOUR CASE

EXPLORE THE DATA

ABOUT THE PROJECT

- Executive Summary
- Table of Figures
- Overview of Data Sources
- Make Your Case Citations
- Credits
- Acknowledgements
- Contact Us

MAKE YOUR CASE

Studies and analysis on critical trends, important considerations and multifaceted benefits of bicycling and walking.

TABLE OF CONTENTS

1 Healthy Communities	5 Multimodal Infrastructure
2 Safe Transportation	6 Effective Governance
3 Strong Economies	7 Dedicated Resources
4 Connected Routes	8 Engaged Public





# 2018 BENCHMARKING REPORT

## MORE MAKE YOUR CASE SECTIONS

- » 8 sections → 10 sections
- » 60 tables and charts included in the Make Your Case Chapter

III-1: Healthy Communities

III-2: Safe Transportation

III-3: Strong Economies

III-4: Connected Routes

III-5: Infrastructure for Physical Activity

III-6: Effective Transportation Governance

III-7: Laws and Enforcement to Promote Biking and Walking

III-8: Funding and Financing Transportation

III-9: Engaged Public

III-10: Equity



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IN THE UNITED STATES

# 2018 BENCHMARKING REPORT

## Nation

Rates of Biking and Walking  
Demographics of Active Transportation  
Public Health Indicators  
Bicyclist and Pedestrian Traffic Safety  
Federal Funding and Planning for Bicycling and Walking

## States

Context: Influences on Biking and Walking  
Overview of Key Federal Benchmarks on Biking and Walking  
Rates of Active Commuting  
Demographics of Active Transportation Commuters  
Public Health Indicators and Biking and Walking  
Biking and Walking Road Safety  
Plans and Policies  
Traffic Laws and Training for Pedestrian and Bicyclist Safety  
Support for Employee Development on Biking and Walking Issues  
Funding for Biking and Walking  
Infrastructure for People Biking and Walking

## Cities

Context: Influences on biking and walking  
Overview of Key Federal Benchmarks on Biking and Walking  
Rates of Active Commuting  
Demographics of active transportation commuters  
Public Health Indicators and Biking and Walking  
Biking and walking road safety  
Safety in Numbers: Rates of Use and Rates of Fatalities in US Cities  
Plans and Policies  
Education and Events for Pedestrian and Bicyclist Safety  
Staff and Community Support for Biking and Walking  
Funding for biking and Walking  
Infrastructure for People Biking and Walking

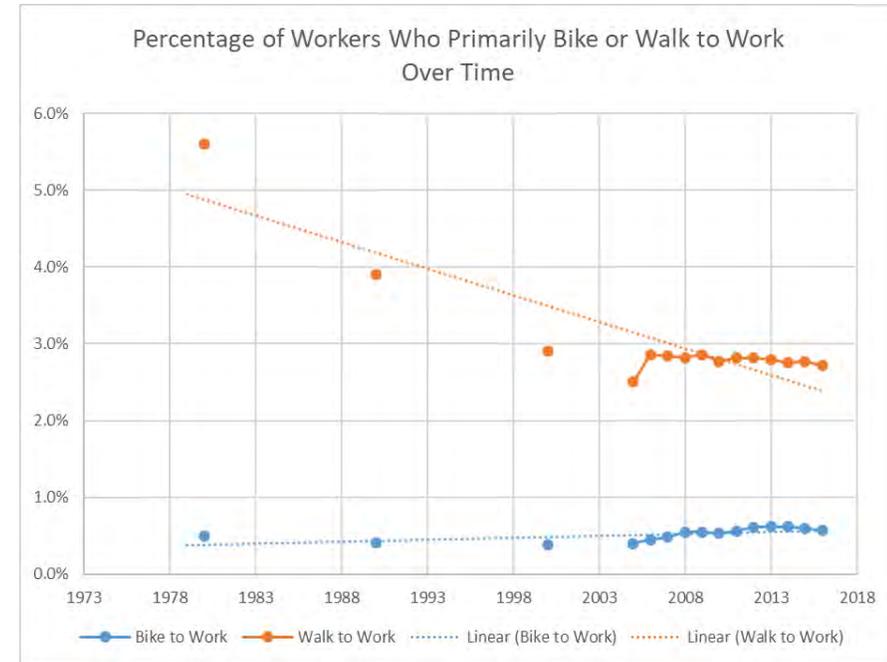
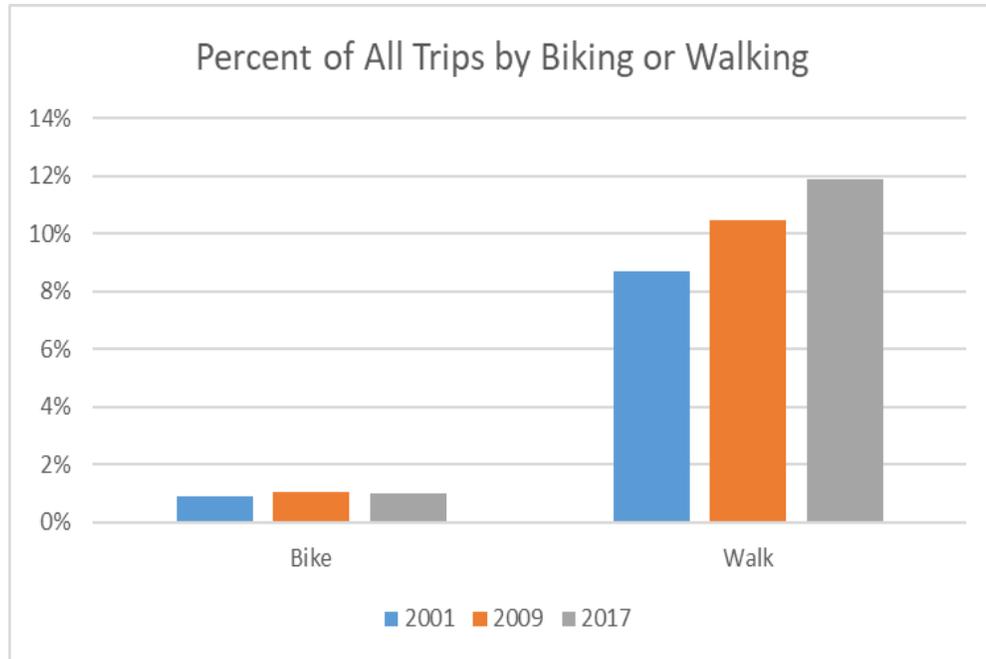
**MORE SHOW YOUR DATA SECTIONS**

» Over 100 tables and charts



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# 2018 BENCHMARKING REPORT - EXAMPLES



	BIKE TRIPS (Million Daily Bicycling Trips per Year)	MINUTES CYCLED (billion minutes)	Distance Cycled (billion miles)	Walk TRIPS (Million Daily Walking Trips per Year)	MINUTES Walked (billion minutes)	Distance Walked (billion miles)
2017	3,789	78	8.5	44,900	621	33.7
2009	4,082	80	9.0	41,000	614	27.9

# 2018 BENCHMARKING REPORT - EXAMPLES

## Show Your Data: States

2.6.2: Pedestrian Fatalities, as a Percent of All Traffic Fatalities and Per Capita

State	Pedestrian Fatalities as a % of all traffic fatalities		Percentage Change in Pedestrian Fatalities as a Percentage of all Traffic Fatalities	Pedestrian Fatalities per 100,000 persons	2012-2016
	Avg. 2007-11	Avg. 2012-16			
Alabama	7.3%	10.0%	36%	1.8	1.8
Alaska	11.6%	15.4%	33%	1.4	1.4
Arizona	19.7%	17.6%	11%	2.3	2.3
Arkansas	7.0%	8.3%	19%	1.1	1.1
California	18.4%	18.3%	19%	1.8	1.8
Colorado	9.3%	12.6%	36%	1.2	1.2
Connecticut	12.8%	16.7%	80%	1.3	1.3
Delaware	16.4%	14.0%	43%	1.7	1.7
Florida	18.2%	21.2%	16%	2.1	2.1
Georgia	11.0%	14.3%	30%	1.8	1.8
Hawaii	19.4%	13.9%	21%	1.8	1.8
Idaho	5.2%	6.2%	19%	0.8	0.8
Illinois	13.2%	13.8%	5%	1.1	1.1
Indiana	7.4%	10.0%	35%	1.2	1.2
Iowa	5.3%	6.2%	17%	0.9	0.9
Kansas	4.5%	7.2%	27%	1.0	1.0
Kentucky	6.0%	8.4%	27%	1.4	1.4
Louisiana	12.0%	15.1%	26%	1.3	1.3
Maine	7.0%	8.5%	22%	1.0	1.0
Maryland	20.2%	20.7%	3%	1.7	1.7
Massachusetts	17.5%	21.5%	23%	1.1	1.1
Michigan	13.3%	15.7%	18%	1.5	1.5
Minnesota	8.2%	9.3%	13%	0.7	0.7
Mississippi	7.3%	8.7%	19%	1.8	1.8
Missouri	7.7%	10.1%	31%	1.4	1.4
Montana	5.7%	6.3%	11%	1.3	1.3
Nebraska	3.5%	6.0%	70%	0.7	0.7
Nevada	15.7%	22.9%	46%	2.1	2.1
New Hampshire	7.0%	9.7%	29%	0.9	0.9
New Jersey	13.8%	23.5%	70%	1.8	1.8
New Mexico	10.5%	17.6%	67%	1.6	1.6
New York	19.2%	17.7%	12%	2.3	2.3
North Carolina	11.7%	13.8%	18%	1.1	1.1
North Dakota	5.2%	4.6%	-11%	0.8	0.8
Ohio	8.8%	9.9%	12%	0.9	0.9
Oklahoma	7.0%	9.7%	38%	1.1	1.1
Oregon	12.7%	15.5%	22%	1.5	1.5
Pennsylvania	10.5%	13.0%	24%	1.2	1.2
Rhode Island	18.2%	20.9%	15%	1.0	1.0
South Carolina	11.1%	13.4%	20%	1.3	1.3
South Dakota	5.8%	4.7%	-19%	0.7	0.7
Tennessee	7.1%	8.8%	23%	1.3	1.3
Texas	12.2%	15.0%	23%	1.6	1.6
Utah	10.7%	13.5%	26%	1.1	1.1
Vermont	5.1%	9.4%	83%	0.9	0.9
Virginia	9.4%	12.3%	31%	1.1	1.1
Washington	12.4%	14.9%	20%	1.0	1.0
West Virginia	5.1%	8.1%	58%	1.3	1.3
Wisconsin	8.4%	8.3%	-1%	0.8	0.8
Wyoming	2.7%	4.1%	50%	0.9	0.9
Average	11%	13%	26%	1.5	1.5

Sources: NHTSA FARS data and ACS B01003 Table 5-year estimate  
 Highlighting: Red = 10 highest values, Green = 10 lowest values  
 Average is a simple average, not population-weighted

## Show Your Data: Cities

3.3.2A: CHANGES IN PERCENTAGE OF PEOPLE BIKING AND WALKING TO WORK, 2010-2016

Community	State	Percentage of Commuters who walk to work 2016	Percentage Change in Walking to Work (2010-2016)	Percentage of Commuters who bike to work 2016	Percentage change in biking to work (2010-2016)
Albuquerque	NM	2.0%	-4.6%	1.5%	-7.0%
Arlington	TX	1.5%	-8.6%	0.1%	-8.0%
Atlanta	GA	4.6%	4.3%	0.8%	23.0%
Austin	TX	2.7%	5.0%	1.4%	28.9%
Baltimore	MD	6.7%	-1.2%	0.2%	40.2%
Boston	MA	14.8%	-0.9%	2.1%	43.2%
Charlotte	NC	2.7%	14.5%	0.4%	63.0%
Chicago	IL	6.7%	14.4%	1.6%	47.0%
Cleveland	OH	5.3%	18.3%	0.7%	29.9%
Colorado Springs	CO	1.9%	20.4%	0.0%	42.8%
Columbus	OH	3.0%	2.7%	0.7%	6.8%
Dallas	TX	1.9%	0.7%	0.2%	51.8%
Denver	CO	4.5%	7.8%	2.3%	51.8%
Detroit	MI	3.7%	22.3%	0.7%	142.1%
El Paso	TX	1.7%	-9.5%	0.2%	54.2%
Fort Worth	TX	1.7%	-3.9%	0.4%	30.7%
Fresno	CA	1.4%	40.4%	1.1%	42.0%
Houston	TX	2.1%	4.7%	0.5%	37.0%
Indianapolis	IN	1.9%	5.5%	0.5%	45.0%
Jacksonville	FL	1.6%	-2.7%	0.0%	30.2%
Kansas City	MO	2.1%	1.6%	0.3%	47.3%
Las Vegas	NV	1.8%	-7.3%	0.4%	6.3%
Long Beach	CA	2.5%	0.0%	1.0%	10.4%
Los Angeles	CA	3.5%	0.0%	1.2%	36.3%
Louisville	KY	2.3%	7.7%	0.4%	41.2%
Memphis	TN	1.9%	-9.7%	0.2%	60.0%
Mesa	AZ	1.4%	-7.6%	0.9%	46.1%
Miami	FL	4.7%	18.9%	1.0%	100.0%
Milwaukee	WI	5.0%	4.3%	1.0%	33.2%
Minneapolis	MN	2.2%	7.7%	0.3%	19.9%
Nashville	TN	2.0%	10.3%	0.4%	71.7%
New York City	NY	10.0%	1.1%	1.1%	71.2%
Oakland	CA	4.0%	0.0%	1.1%	59.0%
Oklahoma City	OK	6.0%	6.0%	0.3%	62.8%
Omaha	NE	2.1%	12.3%	0.3%	24.8%
Orlando	FL	8.7%	-1.9%	7.1%	38.2%
Phoenix	AZ	1.8%	-3.7%	0.7%	13.4%
Pittsburgh	PA	6.0%	10.9%	6.5%	10.7%
Raleigh	NC	1.8%	20.0%	0.5%	33.3%
Sacramento	CA	3.1%	-0.5%	2.1%	67.3%
San Antonio	TX	1.7%	27.9%	0.1%	67.9%
San Diego	CA	3.1%	-1.1%	1.0%	34.3%
San Francisco	CA	10.0%	8.3%	4.0%	39.3%
San Jose	CA	3.7%	0.7%	0.9%	21.2%
Seattle	WA	10.1%	18.2%	3.8%	34.3%
Tucson	AZ	3.3%	10.5%	2.9%	33.9%
Tulsa	OK	2.4%	11.0%	0.2%	17.8%
Virginia Beach	VA	2.6%	14.9%	0.5%	40.1%
Washington DC	DC	13.7%	11.8%	4.8%	40.1%
Wichita	KS	1.4%	5.9%	0.3%	30.9%

Source: B08006 table from ACS using 5-year estimates, 2010 and 2016

Red = lowest rate or percentage change; Green = highest rate or percentage change

## Pedestrian Fatalities, by Select Demographics

State	Percentage of all pedestrian fatalities (2005-2013)		People of color or Hispanic/Latino <sup>1)</sup>	
	Youth (under age 16)	Seniors (age 65 and older)	Percentage in total population	Percentage in total population
Alabama	8%	21%	13%	14%
Alaska	19%	23%	11%	9%
Arizona	5%	22%	16%	15%
Arkansas	7%	22%	12%	15%
California	6%	21%	24%	12%
Colorado	8%	21%	18%	12%
Connecticut	5%	19%	26%	15%
Delaware	5%	20%	13%	15%
Florida	5%	18%	20%	18%
Georgia	8%	22%	10%	11%
Hawaii	1%	20%	41%	20%
Idaho	13%	24%	26%	13%
Illinois	8%	21%	26%	13%
Indiana	11%	22%	18%	14%
Iowa	12%	21%	25%	15%
Kansas	10%	22%	21%	14%
Kentucky	9%	21%	17%	14%
Louisiana	8%	22%	8%	13%
Maine	6%	18%	33%	17%
Maryland	7%	20%	15%	13%
Massachusetts	4%	18%	33%	14%
Michigan	7%	20%	15%	15%
Minnesota	10%	21%	24%	14%
Mississippi	7%	22%	12%	13%
Missouri	8%	21%	14%	15%
Montana	6%	20%	21%	16%
Nebraska	10%	22%	20%	14%
Nevada	6%	21%	18%	13%
New Hampshire	10%	18%	38%	15%
New Jersey	6%	20%	24%	14%
New Mexico	5%	22%	12%	14%
New York	6%	19%	31%	14%
North Carolina	8%	21%	11%	14%
North Dakota	10%	20%	17%	14%
Ohio	11%	20%	17%	15%
Oklahoma	8%	22%	13%	14%
Oregon	6%	20%	20%	15%
Pennsylvania	8%	19%	29%	16%
Rhode Island	5%	18%	31%	15%
South Carolina	5%	20%	12%	15%
South Dakota	4%	22%	17%	15%
Tennessee	7%	21%	13%	14%
Texas	7%	24%	13%	11%
Utah	15%	28%	19%	9%
Vermont	0%	17%	46%	16%
Virginia	6%	20%	18%	13%
Washington	7%	20%	25%	13%
West Virginia	8%	18%	14%	17%
Wisconsin	10%	20%	27%	14%
Wyoming	5%	21%	16%	15%

TABLE KEY  
 Highlighted cells within the table denote a value that is higher than the percentage in the total population.

Sources: FARS 2005-2013 (annual data); ACS 2007, 3-yr est.; ACS 2010, 3-yr est.; ACS 2013, 3-yr est.

Note: (1) Data for fatalities by race and ethnicity in 2013 were not available; therefore, the percentages of pedestrian fatalities who were people of color or Hispanic/Latino cover the years 2005 through 2012. Due to sensitivities around reporting personal information in crash reports, race and ethnicity data may not be categorized properly on fatality report forms. As a result, some states have a high number of 'unknown' or 'other' race fatalities. For this table, the 'unknown' category has been removed, but the 'other' category has been included in the calculations.



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