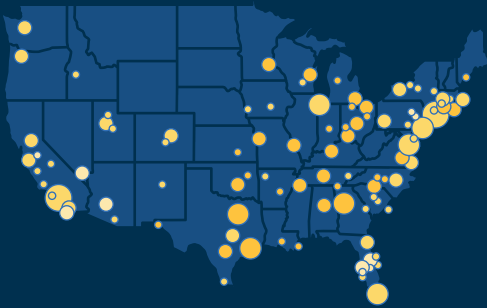


EBOOK

WALKING IN AMERICA

Metro & Statewide
Pedestrian & Mode
Share Trends



U.S. Walking and Mode Share Trends

Join the authors of this eBook for a deep dive into the data

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CASEY LEWIS



ERIN O'HIGGINS

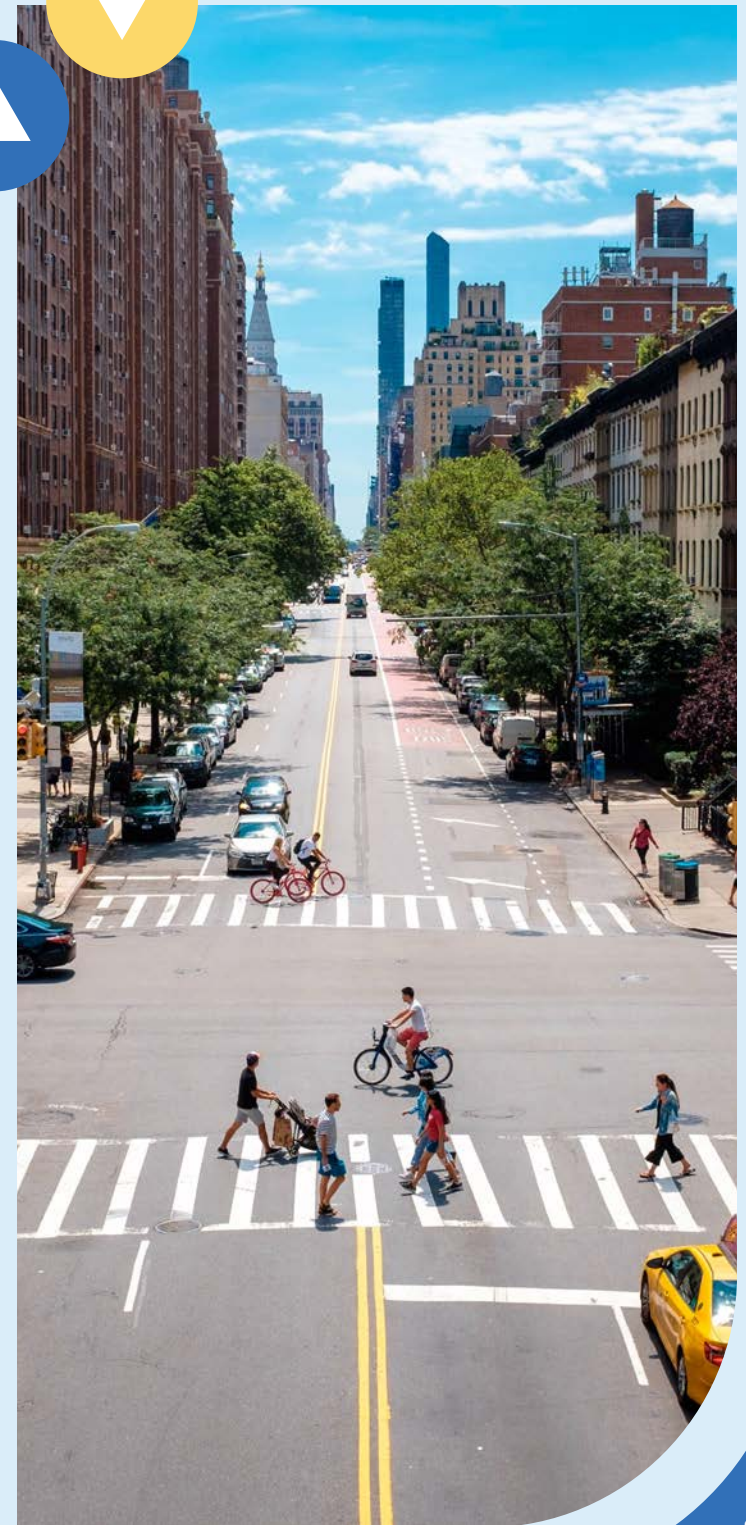


EMILY ADLER



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INTRODUCTION | NATIONAL WALKING MODE SHARE TRENDS

Active transportation activity is being shaped by two competing trends – the first is the [surge in cycling since the pandemic](#), which has seen national bike trips soar by 37%. But the bigger driver of active transportation activity is pedestrian trips, which are a far more common transportation mode. Here, the news is decidedly negative.

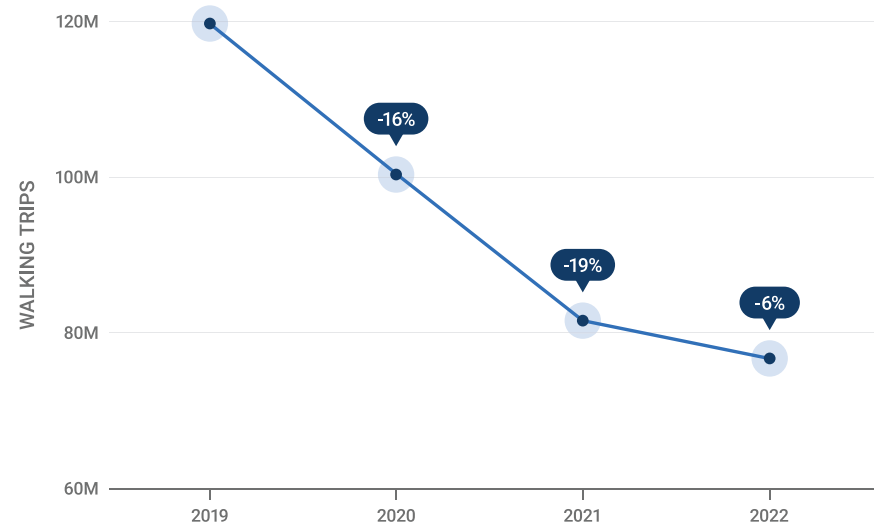
StreetLight's new data on U.S. walking activity shows a significant and universal decline in walking, with remote work and empty downtowns likely pulling back pedestrian activity.

In the contiguous U.S., national annual average daily walking trips dropped by 36% between 2019-2022, a dramatic loss. In every metro and state that StreetLight analyzed, walking trips declined over the three-year period by at least 20%.

When thinking about this data in the context of pedestrian fatalities¹ it is particularly jarring, as the past three years have also seen a sustained rise in pedestrian fatalities, despite lower pedestrian exposure.

U.S. WALKING TRIPS ARE DOWN SUBSTANTIALLY COMPARED TO 2019

Annual Average Daily Walking Trips



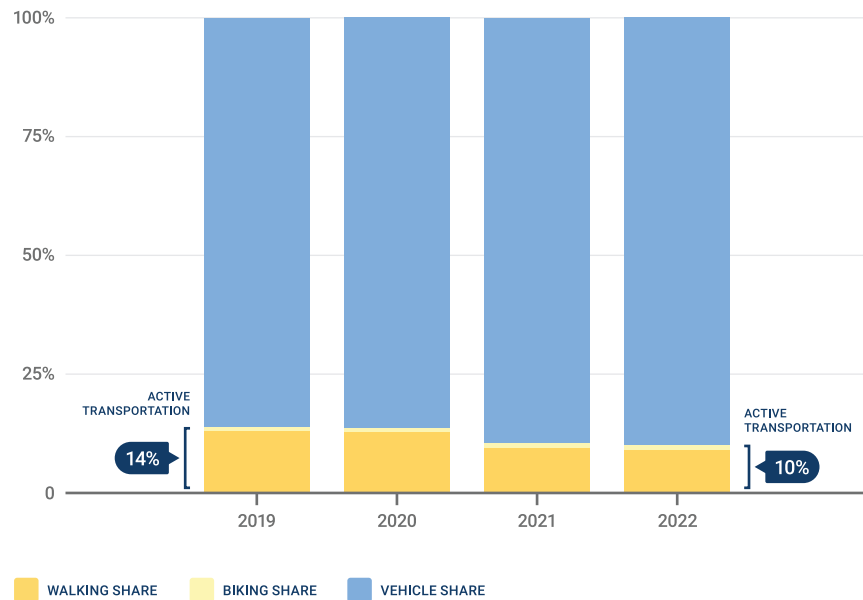
Analysis does not include Hawaii or Alaska.

Walking activity is also critical for meeting climate goals and commitments. Communities focused on lowering transportation emissions want to see fewer trips taken in vehicles and more trips taken on foot.

¹ Governors Highway Safety Association, Pedestrian Traffic Fatalities by State, 2022 Preliminary Data.

But using StreetLight’s Active Transportation Monitor, which analyzes walking and bicycle trips alongside vehicle activity, the analysis finds that vehicle activity is only 4% below 2019 levels, a far greater recovery than for active transportation. As a result, active transportation’s share of total trips has declined from 14% in 2019 to 10% in 2022.

ACTIVE TRANSPORTATION’S SHARE OF U.S. TRIPS* IS FALLING



Analysis does not include Hawaii or Alaska. *Annual Average Daily Trips

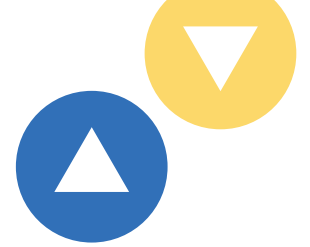
For communities focused on safety, climate, health, and equity initiatives, an all-hands-on-deck strategy across safety, transit, land use, and more will be needed to increase walking activity and pull active transportation’s share of trips back up. These efforts will also likely need to expand beyond city centers to induce walkability in suburbs and beyond as people continue to work remotely.

In this report, StreetLight analyzes the top 100 metros by population and the contiguous U.S. states to understand changes in walking activity and the active transportation mix. We assess per capita walking activity by metro and state, and year-over-year data to understand where walking activity is beginning to come back.

These trends and rankings do not fully explain why this downward trend has happened, and what regions should do about it. The pandemic seems to have had an obvious impact – but crafting policies and plans to improve active mode share will require more detailed understanding of the mechanisms of change, and how it varies across the US and within individual metro areas. StreetLight and our partners will dig into these questions in future research.

This analysis is based on StreetLight’s Active Transportation Monitor, which measures annual average daily trips by walking, biking, and vehicle mode. Biking trips include any trip conducted on a personal mobility device, including scooters. The data covers the contiguous U.S. StreetLight identifies the top 100 MSAs based on population size of aggregated Census 2020 tracts.

EXECUTIVE SUMMARY



NATIONAL TRENDS

- Annual average daily walking trips in the U.S. declined by 36% nationally between 2019-2022, even as pedestrian fatalities increased. Safety has worsened even as pedestrian exposure has declined.
- As walking declined, and vehicle trips neared pre-pandemic levels, active transportation's (walking plus biking) share of trips sank to 10% in 2022, from 14% in 2019.

METRO TRENDS

- Every metro lost walking activity between 2019-2022, with declines ranging from 23% to 49%. The smallest declines were concentrated in warm weather metros.
- Year-over-year (YoY) measures provide a view into where walking activity is beginning to come back. Eighteen metros saw walking activity rise in 2022. California metros took nine out of the top 10 spots for 2022 YoY walking trip growth. New York City ranked 10th.
- Per capita, NYC ranked first for walking activity in 2022 followed by Orlando, Las Vegas, San Diego, and Boston. Los Angeles, the only metro besides NYC with over 10 million people, ranked sixth.
- Given the decline in walking trips, active transportation's share of trips in all metros declined over the three-year period. In 2022, NYC continued to rank first for active transportation's share of trips, but that percentage dropped from 25% to 22%.

- Among the biggest 25 metros, San Francisco and Boston follow NYC for highest share of trips taken via an active transportation mode.
- Among this largest metros cohort, Houston, Dallas, and Atlanta see some of the smallest share of trips taken via an active transportation mode.

STATEWIDE TRENDS

- Every state saw walking activity decline between 2019-2022. New Jersey saw the smallest decline, with a 29% decrease in walking trips. The District of Columbia, which we include as a state in this analysis, saw a 55% decline.
- California and New York, two of the five biggest states by population, saw increases in 2022 of 13% and 6%, respectively.
- Forty-three states saw continued YoY declines in 2022.
- The states that rank highest for per capita walking activity are the District of Columbia (unsurprising given its city contours), New York, New Jersey, and Nevada.
- Alabama, Arkansas, and Tennessee rank last for per capita walking trips.
- Among the largest 25 states by population, New York, New Jersey, and Massachusetts see the highest share of trips taken via active transportation.
- Among this largest state cohort, Louisiana, Tennessee, and Alabama see the smallest share of trips taken via active transportation.

WALKING ACTIVITY & MODE SHARE IN THE TOP 100 METROS

The state of walking activity and active transportation mode share in the top 100 metros by population shows the stark impact of the remote work trend, quiet downtowns, and other potential factors, such as safety.

The range of walking trip declines in these metros is between 23% and 49%, with warm weather metros in Florida, California, Arizona, and Nevada seeing the smallest declines. The Scranton, Pennsylvania, metro was the only non-warm weather metro to rank in the top 10 for smallest walking decline. The largest declines were mostly concentrated in the Midwest.

The year-over-year data is where we can begin to see some cause for optimism.

Eighteen metros saw increases in annual average daily walking trips in 2022, and seven of those increases were in the double digits. Those improvements were heavily concentrated in California (which took nine out of the top 10 spots). LA, the second largest metro in the country, took the top spot for YoY walking increase. NYC, the country's largest metro, ranked 10th for growth in walking in 2022.

The concentration of smallest declines and biggest increase reversals in warm weather locations is a cause for concern, however, because it suggests that walking is increasingly functioning as a mode of recreation and pleasure, rather than a mode of utility.

Per capita, NYC still ranks first for average daily walking trips followed by Orlando, Las Vegas, San Diego, and Boston. LA, the only metro besides NYC with more than 10 million people, ranks sixth.

Mode share data shows unequivocally that we are not simply seeing remote work tamp down all trips, with the walking decline accompanied by a similar decline in vehicle trips. Vehicle trips across these metros are down by only about 4%.

As a result, active transportation mode share has decreased in every metro, by approximately three to four percentage points. Biking's surge over the past three years may have helped offset walking losses slightly, but not nearly enough to avoid contraction.

In 2022, NYC continued to rank first for active transportation's share of trips, but that percentage dropped from 25% in 2019 to 22% in 2022. Among the 25 biggest metros, Houston, Dallas, and Atlanta saw the smallest share of trips taken via an active transportation mode.

Despite the universal active transportation decline, there have been some notable shifts in where metros rank in comparison to each other for active transportation's share of trips. Seattle, Portland (Oregon), and Sacramento improved their rank for active transportation mode share on the back of decreased vehicle activity. Phoenix and Modesto (California) also improved their ranks significantly.

On the flip side, Harrisburg (Pennsylvania), Toledo, Indianapolis, Akron, and Louisville dropped in rank.

On pages 7-17, we include maps, rankings, and charts showing walking trends in the top 100 metros, per capita walking activity, and data on how this impacts mode share.

U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

TOP 50 U.S. METROS ORDERED BY % CHANGE IN WALKING TRIPS*, 2019-2022

	RANK	% CHANGE
North Port-Bradenton-Sarasota, FL	1	-23%
Modesto, CA	2	-26%
Stockton, CA	3	-27%
Scranton--Wilkes-Barre, PA	4	-27%
Phoenix-Mesa-Glendale, AZ	5	-27%
Las Vegas-Paradise, NV	6	-29%
Orlando-Kissimmee-Sanford, FL	7	-29%
Lakeland-Winter Haven, FL	8	-29%
Tampa-St. Petersburg-Clearwater, FL	9	-29%
San Diego-Carlsbad-San Marcos, CA	10	-30%
Allentown-Bethlehem-Easton, PA-NJ	11	-30%
New York-Northern New Jersey-Long Island, NY-NJ-PA	12	-30%
Sacramento-Arden-Arcade-Roseville, CA	13	-30%
Deltona-Daytona Beach-Ormond Beach, FL	14	-30%
Palm Bay-Melbourne-Titusville, FL	15	-31%
Salt Lake City, UT	16	-31%
McAllen-Edinburg-Mission, TX	17	-31%
Denver-Aurora-Broomfield, CO	18	-31%
Los Angeles-Long Beach-Santa Ana, CA	19	-31%
Cape Coral-Fort Myers, FL	20	-32%
Syracuse, NY	21	-32%
Oxnard-Thousand Oaks-Ventura, CA	22	-32%
Fresno, CA	23	-32%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	24	-32%
Ogden-Clearfield, UT	25	-32%

	RANK	% CHANGE
Bakersfield-Delano, CA	26	-32%
Albany-Schenectady-Troy, NY	27	-33%
San Francisco-Oakland-Fremont, CA	28	-33%
Boise City-Nampa, ID	29	-33%
Augusta-Richmond County, GA-SC	30	-33%
Miami-Fort Lauderdale-Pompano Beach, FL	31	-33%
Tucson, AZ	32	-33%
Buffalo-Niagara Falls, NY	33	-33%
San Jose-Sunnyvale-Santa Clara, CA	34	-33%
Baltimore-Towson, MD	35	-33%
Poughkeepsie-Newburgh-Middletown, NY	36	-34%
Rochester, NY	37	-34%
Pittsburgh, PA	38	-34%
Provo-Orem, UT	39	-34%
Jacksonville, FL	40	-35%
Charleston-North Charleston-Summerville, SC	41	-35%
Boston-Cambridge-Quincy, MA-NH	42	-35%
Providence-New Bedford-Fall River, RI-MA	43	-35%
Riverside-San Bernardino-Ontario, CA	44	-35%
Fayetteville-Springdale-Rogers, AR-MO	45	-36%
Portland-Vancouver-Hillsboro, OR-WA	46	-36%
Des Moines-West Des Moines, IA	47	-36%
Columbia, SC	48	-36%
Omaha-Council Bluffs, NE-IA	49	-36%
Colorado Springs, CO	50	-37%

WALKING TRIP PERCENTAGE CHANGE



NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK



*Annual Average Daily U.S. Walking Trips



U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

BOTTOM 50 U.S. METROS ORDERED BY % CHANGE IN WALKING TRIPS*, 2019-2022

	RANK	% CHANGE
Worcester, MA	51	-37%
Austin-Round Rock-San Marcos, TX	52	-37%
Seattle-Tacoma-Bellevue, WA	53	-38%
Bridgeport-Stamford-Norwalk, CT	54	-38%
Madison, WI	55	-38%
Wichita, KS	56	-38%
Chicago-Joliet-Naperville, IL-IN-WI	57	-39%
Milwaukee-Waukesha-West Allis, WI	58	-39%
Springfield, MA	59	-39%
Harrisburg-Carlisle, PA	60	-39%
El Paso, TX	61	-39%
Virginia Beach-Norfolk-Newport News, VA-NC	62	-39%
New Haven-Milford, CT	63	-39%
Knoxville, TN	64	-39%
Tulsa, OK	65	-39%
Raleigh-Cary, NC	66	-39%
Washington-Arlington-Alexandria, DC-VA-MD-WV	67	-40%
Greenville-Mauldin-Easley, SC	68	-40%
Albuquerque, NM	69	-40%
Houston-Sugar Land-Baytown, TX	70	-40%
Hartford-West Hartford-East Hartford, CT	71	-40%
Oklahoma City, OK	72	-40%
Richmond, VA	73	-40%
San Antonio-New Braunfels, TX	74	-41%
Durham-Chapel Hill, NC	75	-42%

	RANK	% CHANGE
Dallas-Fort Worth-Arlington, TX	76	-42%
Atlanta-Sandy Springs-Marietta, GA	77	-43%
Portland-South Portland-Biddeford, ME	78	-43%
Kansas City, MO-KS	79	-43%
Chattanooga, TN-GA	80	-43%
Detroit-Warren-Livonia, MI	81	-44%
Charlotte-Gastonia-Rock Hill, NC-SC	82	-44%
Cincinnati-Middletown, OH-KY-IN	83	-45%
Toledo, OH	84	-45%
Nashville-Davidson-Murfreesboro-Franklin, TN	85	-45%
Greensboro-High Point, NC	86	-46%
Baton Rouge, LA	87	-46%
New Orleans-Metairie-Kenner, LA	88	-46%
Cleveland-Elyria-Mentor, OH	89	-46%
Birmingham-Hoover, AL	90	-46%
Minneapolis-St. Paul-Bloomington, MN-WI	91	-47%
Grand Rapids-Wyoming, MI	92	-47%
Memphis, TN-MS-AR	93	-47%
Columbus, OH	94	-47%
Little Rock-North Little Rock-Conway, AR	95	-47%
Indianapolis-Carmel, IN	96	-47%
St. Louis, MO-IL	97	-47%
Dayton, OH	98	-47%
Louisville/Jefferson County, KY-IN	99	-48%
Akron, OH	100	-49%

WALKING TRIP PERCENTAGE CHANGE



NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK

11

*Annual Average Daily U.S. Walking Trips



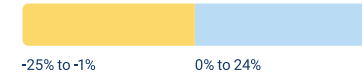
U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

TOP 50 U.S. METROS ORDERED BY % CHANGE IN WALKING TRIPS*, 2022 YEAR-OVER-YEAR

	RANK	% CHANGE
Los Angeles-Long Beach-Santa Ana, CA	1	+19%
San Diego-Carlsbad-San Marcos, CA	2	+14%
Modesto, CA	3	+13%
San Francisco-Oakland-Fremont, CA	4	+11%
San Jose-Sunnyvale-Santa Clara, CA	5	+10%
Fresno, CA	6	+10%
Bakersfield-Delano, CA	7	+10%
Oxnard-Thousand Oaks-Ventura, CA	8	+9%
Stockton, CA	9	+8%
New York-Northern New Jersey-Long Island, NY-NJ-PA	10	+7%
Riverside-San Bernardino-Ontario, CA	11	+5%
Sacramento-Arden-Arcade-Roseville, CA	12	+5%
Las Vegas-Paradise, NV	13	+2%
Phoenix-Mesa-Glendale, AZ	14	+2%
Tucson, AZ	15	+2%
Washington-Arlington-Alexandria, DC-VA-MD-WV	16	+2%
Orlando-Kissimmee-Sanford, FL	17	+2%
Baltimore-Towson, MD	18	+1%
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	19	0%
Deltona-Daytona Beach-Ormond Beach, FL	20	-1%
Miami-Fort Lauderdale-Pompano Beach, FL	21	-2%
Tampa-St. Petersburg-Clearwater, FL	22	-3%
Boston-Cambridge-Quincy, MA-NH	23	-3%
Albuquerque, NM	24	-3%
Salt Lake City, UT	25	-3%

	RANK	% CHANGE
North Port-Bradenton-Sarasota, FL	26	-4%
Palm Bay-Melbourne-Titusville, FL	27	-4%
Austin-Round Rock-San Marcos, TX	28	-4%
Denver-Aurora-Broomfield, CO	29	-5%
Albany-Schenectady-Troy, NY	30	-5%
Pittsburgh, PA	31	-5%
Buffalo-Niagara Falls, NY	32	-5%
Portland-Vancouver-Hillsboro, OR-WA	33	-5%
Allentown-Bethlehem-Easton, PA-NJ	34	-5%
Provo-Orem, UT	35	-6%
Scranton-Wilkes-Barre, PA	36	-6%
Chicago-Joliet-Naperville, IL-IN-WI	37	-6%
Cape Coral-Fort Myers, FL	38	-6%
Durham-Chapel Hill, NC	39	-6%
Poughkeepsie-Newburgh-Middletown, NY	40	-6%
Seattle-Tacoma-Bellevue, WA	41	-6%
Syracuse, NY	42	-7%
Springfield, MA	43	-7%
El Paso, TX	44	-7%
New Orleans-Metairie-Kenner, LA	45	-8%
Rochester, NY	46	-8%
Harrisburg-Carlisle, PA	47	-8%
Jacksonville, FL	48	-8%
Colorado Springs, CO	49	-8%
New Haven-Milford, CT	50	-8%

WALKING TRIP PERCENTAGE CHANGE



NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK



*Annual Average Daily U.S. Walking Trips



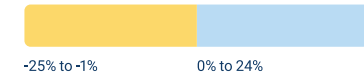
U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

BOTTOM 50 U.S. METROS ORDERED BY % CHANGE IN WALKING TRIPS*, 2022 YEAR-OVER-YEAR

	RANK	% CHANGE
Bridgeport-Stamford-Norwalk, CT	51	-9%
Lakeland-Winter Haven, FL	52	-9%
Boise City-Nampa, ID	53	-9%
Ogden-Clearfield, UT	54	-9%
Virginia Beach-Norfolk-Newport News, VA-NC	55	-9%
Providence-New Bedford-Fall River, RI-MA	56	-10%
Charleston-North Charleston-Summerville, SC	57	-10%
San Antonio-New Braunfels, TX	58	-10%
Raleigh-Cary, NC	59	-10%
Worcester, MA	60	-10%
Dallas-Fort Worth-Arlington, TX	61	-10%
Atlanta-Sandy Springs-Marietta, GA	62	-10%
McAllen-Edinburg-Mission, TX	63	-11%
Madison, WI	64	-11%
Houston-Sugar Land-Baytown, TX	65	-11%
Richmond, VA	66	-11%
Oklahoma City, OK	67	-11%
Cleveland-Elyria-Mentor, OH	68	-11%
Charlotte-Gastonia-Rock Hill, NC-SC	69	-11%
Detroit-Warren-Livonia, MI	70	-12%
Hartford-West Hartford-East Hartford, CT	71	-12%
Omaha-Council Bluffs, NE-IA	72	-12%
Columbus, OH	73	-12%
Dayton, OH	74	-12%
Columbia, SC	75	-12%

	RANK	% CHANGE
Wichita, KS	76	-13%
Indianapolis-Carmel, IN	77	-13%
Tulsa, OK	78	-14%
Cincinnati-Middletown, OH-KY-IN	79	-14%
Des Moines-West Des Moines, IA	80	-14%
Greenville-Mauldin-Easley, SC	81	-14%
Nashville-Davidson--Murfreesboro--Franklin, TN	82	-14%
Greensboro-High Point, NC	83	-15%
Akron, OH	84	-15%
Memphis, TN-MS-AR	85	-15%
St. Louis, MO-IL	86	-15%
Grand Rapids-Wyoming, MI	87	-15%
Toledo, OH	88	-15%
Augusta-Richmond County, GA-SC	89	-16%
Kansas City, MO-KS	90	-16%
Baton Rouge, LA	91	-16%
Milwaukee-Waukesha-West Allis, WI	92	-16%
Knoxville, TN	93	-17%
Chattanooga, TN-GA	94	-17%
Little Rock-North Little Rock-Conway, AR	95	-17%
Louisville/Jefferson County, KY-IN	96	-17%
Fayetteville-Springdale-Rogers, AR-MO	97	-18%
Birmingham-Hoover, AL	98	-20%
Minneapolis-St. Paul-Bloomington, MN-WI	99	-21%
Portland-South Portland-Biddeford, ME	100	-23%

WALKING TRIP PERCENTAGE CHANGE



NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK

11

*Annual Average Daily U.S. Walking Trips



U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

RANKING | TOP 50 U.S. METROS ORDERED BY WALKING TRIPS* PER CAPITA, 2022

	RANK	TRIPS PER 100 PEOPLE
New York-Northern New Jersey-Long Island, NY-NJ-PA	1	39
Orlando-Kissimmee-Sanford, FL	2	35
Las Vegas-Paradise, NV	3	32
San Diego-Carlsbad-San Marcos, CA	4	32
Boston-Cambridge-Quincy, MA-NH	5	30
Los Angeles-Long Beach-Santa Ana, CA	6	30
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	7	30
Syracuse, NY	8	29
Buffalo-Niagara Falls, NY	9	29
Harrisburg-Carlisle, PA	10	29
Albany-Schenectady-Troy, NY	11	29
San Francisco-Oakland-Fremont, CA	12	28
Scranton-Wilkes-Barre, PA	13	28
Salt Lake City, UT	14	27
Pittsburgh, PA	15	27
Rochester, NY	16	27
Denver-Aurora-Broomfield, CO	17	27
Allentown-Bethlehem-Easton, PA-NJ	18	26
Springfield, MA	19	26
Bakersfield-Delano, CA	20	26
San Jose-Sunnyvale-Santa Clara, CA	21	26
Oxnard-Thousand Oaks-Ventura, CA	22	25
Modesto, CA	23	25
Chicago-Joliet-Naperville, IL-IN-WI	24	25
Miami-Fort Lauderdale-Pompano Beach, FL	25	25

	RANK	TRIPS PER 100 PEOPLE
Sacramento-Arden-Arcade-Roseville, CA	26	25
Stockton, CA	27	24
Charleston-North Charleston-Summerville, SC	28	24
New Haven-Milford, CT	29	24
Washington-Arlington-Alexandria, DC-VA-MD-WV	30	24
Deltona-Daytona Beach-Ormond Beach, FL	31	24
Albuquerque, NM	32	24
Providence-New Bedford-Fall River, RI-MA	33	24
Tucson, AZ	34	24
Poughkeepsie-Newburgh-Middletown, NY	35	24
Phoenix-Mesa-Glendale, AZ	36	24
North Port-Bradenton-Sarasota, FL	37	24
Provo-Orem, UT	38	24
Baltimore-Towson, MD	39	23
El Paso, TX	40	23
Riverside-San Bernardino-Ontario, CA	41	23
Bridgeport-Stamford-Norwalk, CT	42	23
Toledo, OH	43	23
Virginia Beach-Norfolk-Newport News, VA-NC	44	23
Tampa-St. Petersburg-Clearwater, FL	45	23
Fresno, CA	46	23
Cape Coral-Fort Myers, FL	47	23
Ogden-Clearfield, UT	48	22
Boise City-Nampa, ID	49	22
Portland-Vancouver-Hillsboro, OR-WA	50	22

NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK

11

*Annual Average Daily U.S. Walking Trips



U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

RANKING | BOTTOM 50 U.S. METROS ORDERED BY WALKING TRIPS* PER CAPITA, 2022

	RANK	TRIPS PER 100 PEOPLE
Hartford-West Hartford-East Hartford, CT	1	22
Madison, WI	2	22
Portland-South Portland-Biddeford, ME	3	22
Seattle-Tacoma-Bellevue, WA	4	22
Lakeland-Winter Haven, FL	5	21
Colorado Springs, CO	6	21
Jacksonville, FL	7	21
Palm Bay-Melbourne-Titusville, FL	8	21
New Orleans-Metairie-Kenner, LA	9	21
Milwaukee-Waukesha-West Allis, WI	10	20
Austin-Round Rock-San Marcos, TX	11	20
Cleveland-Elyria-Mentor, OH	12	20
San Antonio-New Braunfels, TX	13	20
Richmond, VA	14	20
Indianapolis-Carmel, IN	15	20
Worcester, MA	16	20
Columbus, OH	17	19
Cincinnati-Middletown, OH-KY-IN	18	19
Des Moines-West Des Moines, IA	19	19
Columbia, SC	20	19
McAllen-Edinburg-Mission, TX	21	19
Raleigh-Cary, NC	22	19
Akron, OH	23	19
Augusta-Richmond County, GA-SC	24	19
Dayton, OH	25	19

	RANK	TRIPS PER 100 PEOPLE
Detroit-Warren-Livonia, MI	26	18
Omaha-Council Bluffs, NE-IA	27	18
Dallas-Fort Worth-Arlington, TX	28	18
Greensboro-High Point, NC	29	18
Durham-Chapel Hill, NC	30	18
Houston-Sugar Land-Baytown, TX	31	18
Atlanta-Sandy Springs-Marietta, GA	32	18
Charlotte-Gastonia-Rock Hill, NC-SC	33	18
St. Louis, MO-IL	34	18
Wichita, KS	35	17
Grand Rapids-Wyoming, MI	36	17
Knoxville, TN	37	17
Greenville-Mauldin-Easley, SC	38	17
Oklahoma City, OK	39	17
Kansas City, MO-KS	40	17
Fayetteville-Springdale-Rogers, AR-MO	41	17
Nashville-Davidson--Murfreesboro--Franklin, TN	42	17
Louisville/Jefferson County, KY-IN	43	16
Minneapolis-St. Paul-Bloomington, MN-WI	44	16
Chattanooga, TN-GA	45	16
Tulsa, OK	46	15
Memphis, TN-MS-AR	47	15
Baton Rouge, LA	48	15
Birmingham-Hoover, AL	49	15
Little Rock-North Little Rock-Conway, AR	50	15

NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK

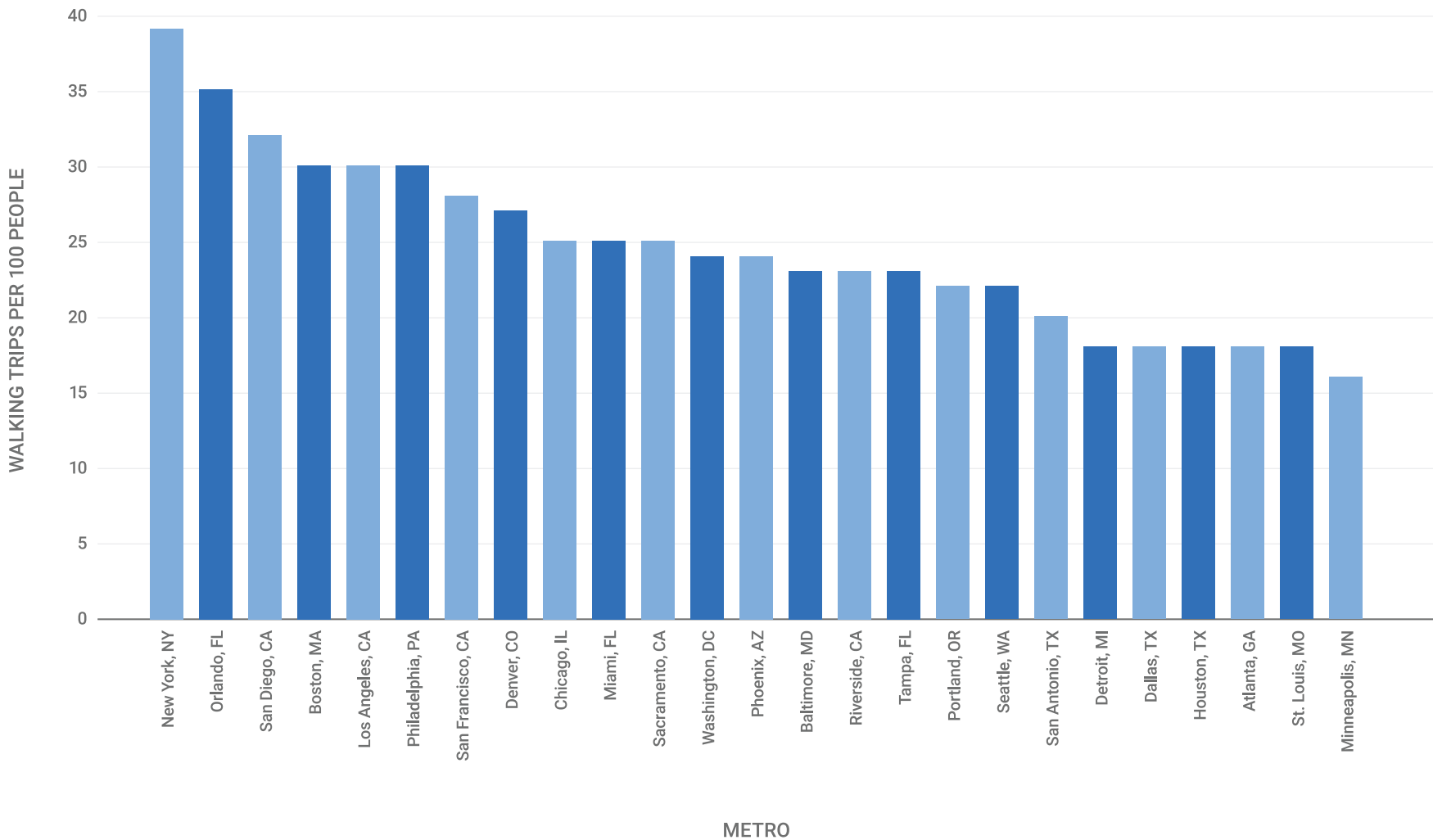
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*Annual Average Daily U.S. Walking Trips



U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

WALKING TRIPS* PER CAPITA IN THE LARGEST 25 U.S. METROS, 2022



Metros are abbreviated by common naming convention.

Top 25 largest metros by population ordered left to right by highest to lowest trips per capita.

*Annual Average Daily U.S. Walking Trips



U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

RANKING | TOP 50 U.S. METROS ORDERED BY ACTIVE TRANSPORTATION'S SHARE OF TRIPS*

	2019 RANK	2022 RANK
New York-Northern New Jersey-Long Island, NY-NJ-PA	1	1
San Francisco-Oakland-Fremont, CA	2	2
Boston-Cambridge-Quincy, MA-NH	3	3
San Jose-Sunnyvale-Santa Clara, CA	8	4
San Diego-Carlsbad-San Marcos, CA	7	5
Philadelphia-Camden-Wilmington, PA-NJ-DE-MD	4	6
Los Angeles-Long Beach-Santa Ana, CA	6	7
Washington-Arlington-Alexandria, DC-VA-MD-WV	10	8
Syracuse, NY	13	9
Buffalo-Niagara Falls, NY	5	10
Portland-Vancouver-Hillsboro, OR-WA	19	11
Seattle-Tacoma-Bellevue, WA	21	12
Chicago-Joliet-Naperville, IL-IN-WI	9	13
Salt Lake City, UT	16	14
Sacramento-Arden-Arcade-Roseville, CA	29	15
Albany-Schenectady-Troy, NY	12	16
Las Vegas-Paradise, NV	20	17
Orlando-Kissimmee-Sanford, FL	14	18
Springfield, MA	15	19
Madison, WI	17	20
Rochester, NY	27	21
Denver-Aurora-Broomfield, CO	22	22
Provo-Orem, UT	24	23
Pittsburgh, PA	18	24
Oxnard-Thousand Oaks-Ventura, CA	33	25

	2019 RANK	2022 RANK
Poughkeepsie-Newburgh-Middletown, NY	25	26
Harrisburg-Carlisle, PA	11	27
Portland-South Portland-Biddeford, ME	28	28
Allentown-Bethlehem-Easton, PA-NJ	31	29
Providence-New Bedford-Fall River, RI-MA	38	30
Scranton-Wilkes-Barre, PA	32	31
Tucson, AZ	23	32
New Haven-Milford, CT	26	33
Ogden-Clearfield, UT	39	34
Baltimore-Towson, MD	41	35
Stockton, CA	47	36
Phoenix-Mesa-Glendale, AZ	53	37
Hartford-West Hartford-East Hartford, CT	44	38
Miami-Fort Lauderdale-Pompano Beach, FL	45	39
Bridgeport-Stamford-Norwalk, CT	34	40
Durham-Chapel Hill, NC	46	41
Fresno, CA	40	42
Riverside-San Bernardino-Ontario, CA	42	43
Toledo, OH	30	44
Virginia Beach-Norfolk-Newport News, VA-NC	50	45
Boise City-Nampa, ID	49	46
Bakersfield-Delano, CA	37	47
Modesto, CA	64	48
Colorado Springs, CO	48	49
Tampa-St. Petersburg-Clearwater, FL	58	50

METROS WITH SUBSTANTIAL CHANGE IN RIDERSHIP

-  Metros with large gain in share rank
-  Metros with large loss in share rank

NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK

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Annual Average Daily U.S. Walking, Bicycling, & Vehicle Trips. Active Transportation refers to walking & bicycling combined.





U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

RANKING | BOTTOM 50 U.S. METROS ORDERED BY ACTIVE TRANSPORTATION'S SHARE OF TRIPS*

	2019 RANK	2022 RANK
Columbus, OH	43	51
Charleston-North Charleston-Summerville, SC	56	52
Albuquerque, NM	36	53
Cleveland-Elyria-Mentor, OH	35	54
Milwaukee-Waukesha-West Allis, WI	54	55
Worcester, MA	62	56
North Port-Bradenton-Sarasota, FL	69	57
New Orleans-Metairie-Kenner, LA	52	58
Minneapolis-St. Paul-Bloomington, MN-WI	60	59
Austin-Round Rock-San Marcos, TX	71	60
Cape Coral-Fort Myers, FL	55	61
Jacksonville, FL	72	62
Indianapolis-Carmel, IN	51	63
Lakeland-Winter Haven, FL	66	64
Deltona-Daytona Beach-Ormond Beach, FL	68	65
Detroit-Warren-Livonia, MI	63	66
Richmond, VA	73	67
Cincinnati-Middletown, OH-KY-IN	61	68
Palm Bay-Melbourne-Titusville, FL	78	69
El Paso, TX	67	70
Raleigh-Cary, NC	79	71
Grand Rapids-Wyoming, MI	65	72
Akron, OH	59	73
Dayton, OH	57	74
San Antonio-New Braunfels, TX	77	75

	2019 RANK	2022 RANK
St. Louis, MO-IL	70	76
Atlanta-Sandy Springs-Marietta, GA	75	77
Des Moines-West Des Moines, IA	85	78
Omaha-Council Bluffs, NE-IA	82	79
Columbia, SC	89	80
Dallas-Fort Worth-Arlington, TX	83	81
Houston-Sugar Land-Baytown, TX	84	82
Kansas City, MO-KS	87	83
Wichita, KS	90	84
Greensboro-High Point, NC	76	85
Louisville-Jefferson County, KY-IN	74	86
Charlotte-Gastonia-Rock Hill, NC-SC	80	87
Augusta-Richmond County, GA-SC	91	88
Nashville-Davidson-Murfreesboro-Franklin, TN	81	89
Fayetteville-Springdale-Rogers, AR-MO	96	90
Knoxville, TN	93	91
Greenville-Mauldin-Easley, SC	88	92
Chattanooga, TN-GA	92	93
McAllen-Edinburg-Mission, TX	97	94
Oklahoma City, OK	95	95
Memphis, TN-MS-AR	86	96
Tulsa, OK	98	97
Baton Rouge, LA	94	98
Little Rock-North Little Rock-Conway, AR	99	99
Birmingham-Hoover, AL	100	100

METROS WITH SUBSTANTIAL CHANGE IN RIDERSHIP

-  Metros with large gain in share rank
-  Metros with large loss in share rank

NUMBER INSIDE EACH CELL INDICATES THE METRO'S NATIONAL RANK

11

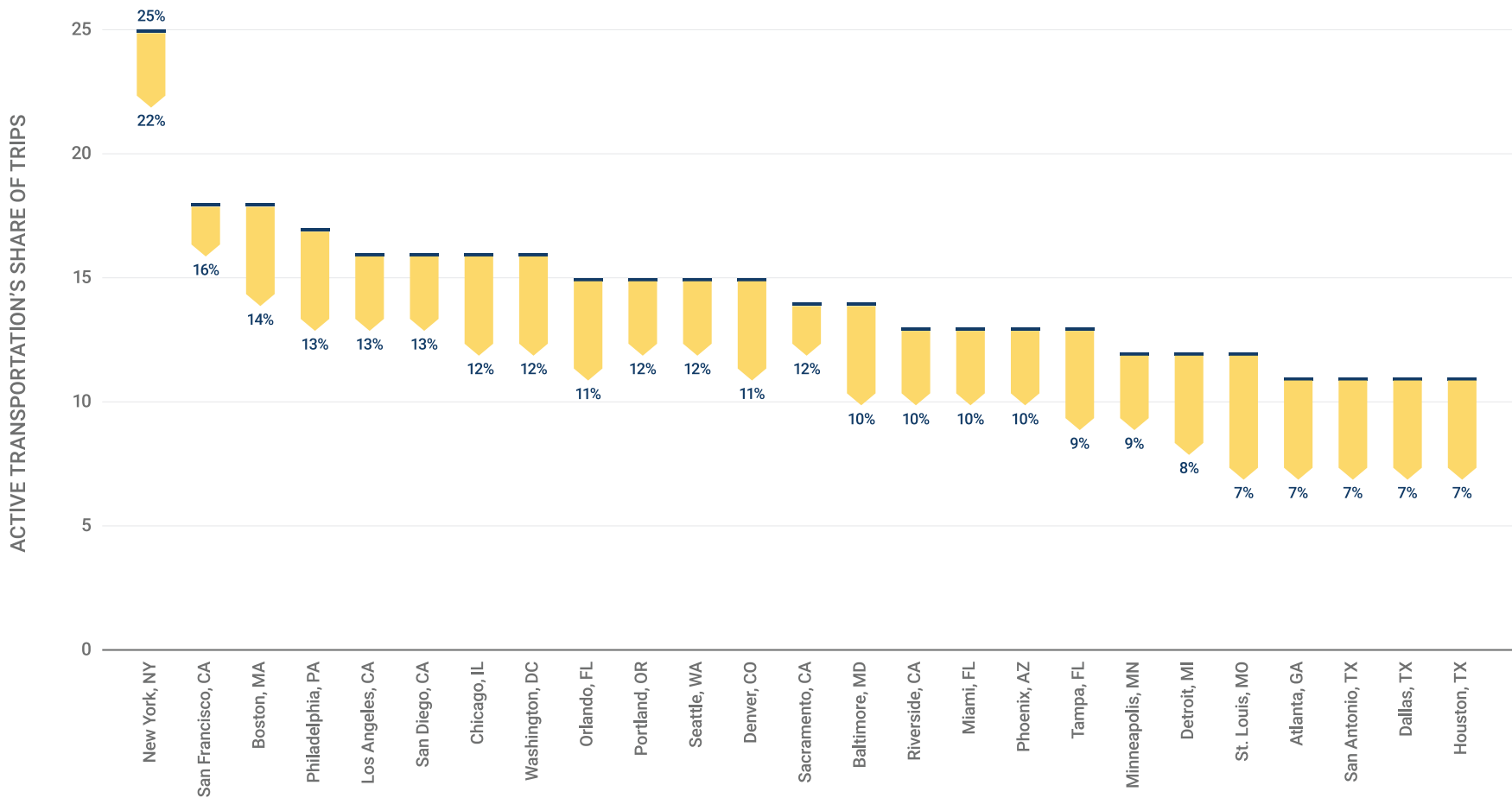
Annual Average Daily U.S. Walking, Bicycling, & Vehicle Trips. Active Transportation refers to walking & bicycling combined.





U.S. WALKING & MODE SHARE TRENDS IN THE TOP 100 METROS

ACTIVE TRANSPORTATION'S SHARE OF TRIPS* IN THE TOP 25 LARGEST METROS, 2019-2022

Change In Walking and Biking's Share of Trips Among Total Trips



 Change in Trip Share, 2019-2022
 2019 Share of Trips

Trips include walking, biking, and vehicle trips. Metros are abbreviated by common naming convention.
 Top 25 largest metros by population ordered left to right by highest to lowest 2019 active transportation share.
 *Annual Average Daily U.S. Trips.



U.S. WALKING & MODE SHARE TRENDS BY STATE

The drop-off in walking trips at the state level is somewhat geographically distributed, with the biggest declines in states throughout the Midwest, as well as in some southeastern states. Arizona and New Jersey saw the smallest decline in trips. The range of the decline was slightly higher than in the top metros, with decreases between 29% and 55%.

The District of Columbia, which is included as a state in this analysis (and in the larger metro region in our MSA ranking), saw the biggest decline over the three years. But it is also the location that saw the most growth YoY in 2022, as some walking activity began to return. California and New York, two of the five biggest states by population, saw increases in 2022 of 13% and 6%, respectively.

That said, 43 states saw continued YoY declines in 2022, suggesting that we still have not reached a plateau in walking's long decline in many places without significant interventions. Twenty-nine states saw YoY declines in the double-digits.

On a per capita basis, the District of Columbia again leads for walking trips, which is likely a reflection of it being more akin to a city. It's followed by New York, New Jersey, and Nevada. Alabama, Arkansas, and Tennessee rank last.

For highest share of trips taken via active transportation among the largest 25 states, New York is first, followed by New Jersey, Massachusetts, Pennsylvania, and California, while Louisiana, Tennessee, and Alabama see the smallest share of trips taken via active transportation among this cohort.

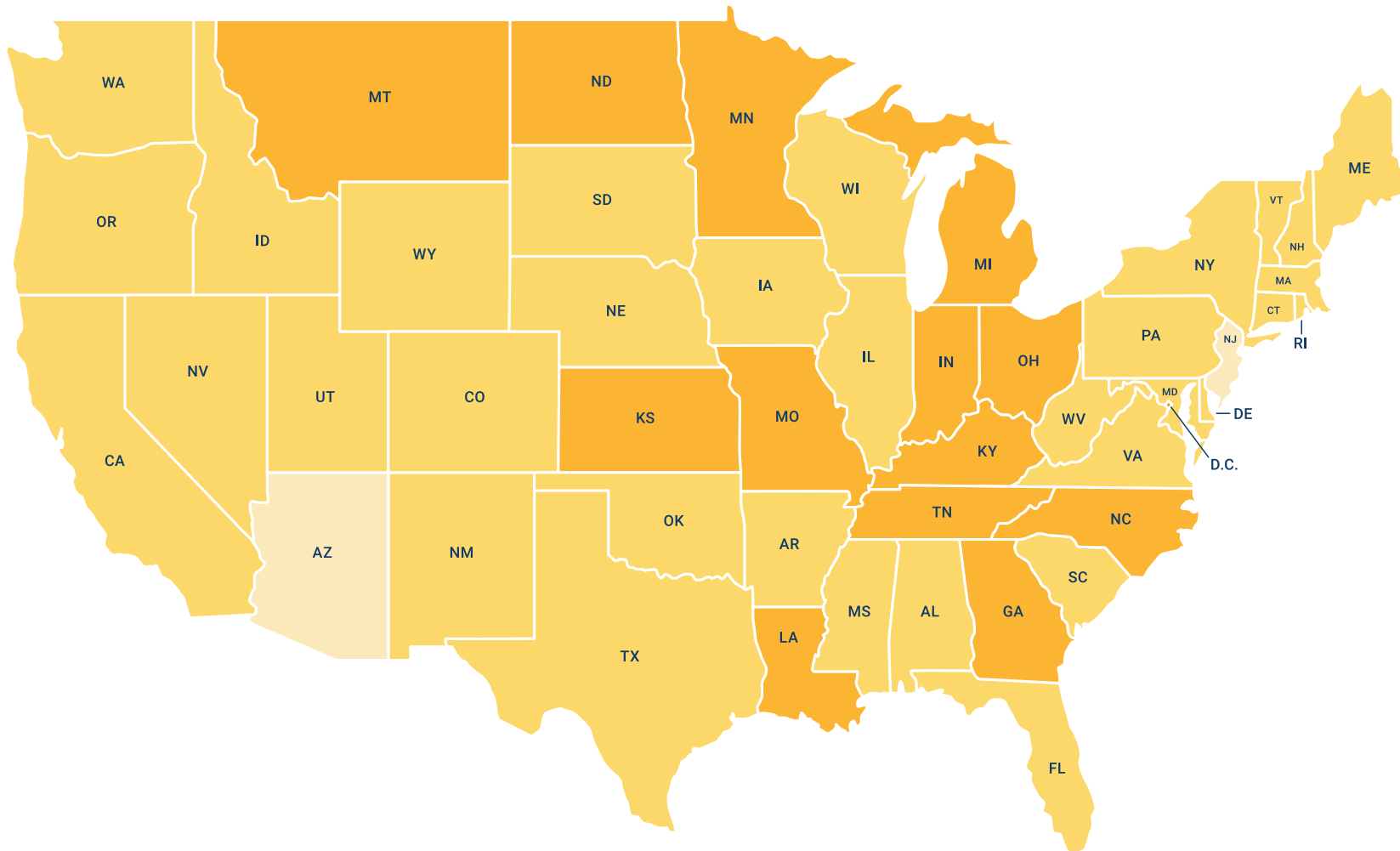
Declines in active transportation's share of trips were relatively stable at three to four percentage points across states. While all states saw declines in active transportation's share of trips, there was still some movement among the rankings as a few states shifted up and down.

Rhode Island improved its rank from 14th to eighth, while Virginia went from 13th to ninth. Montana dropped from ninth to 16th, while Indiana went from 25th to 32nd.

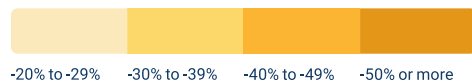
On pages 19-25, we include maps, rankings, and charts showing walking trends in states in the contiguous U.S., per capita walking activity, and data on how this impacts mode share.

U.S. WALKING & MODE SHARE TRENDS BY STATE

WALKING TRIP* % CHANGE BY STATE, 2019-2022



WALKING TRIP PERCENTAGE CHANGE



Alaska and Hawaii excluded from the analysis. D.C. included as a state.

*Annual Average Daily U.S. Walking Trips



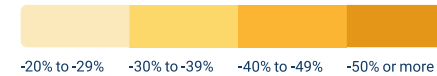
U.S. WALKING & MODE SHARE TRENDS BY STATE

U.S. STATES ORDERED BY % CHANGE IN WALKING TRIPS*, 2019-2022

	RANK	% CHANGE
New Jersey	1	-29%
Arizona	2	-29%
Utah	3	-30%
New York	4	-31%
Nevada	5	-31%
Florida	6	-31%
California	7	-31%
Idaho	8	-32%
Pennsylvania	9	-33%
Colorado	10	-33%
South Carolina	11	-34%
Maryland	12	-34%
Iowa	13	-35%
Wisconsin	14	-35%
Massachusetts	15	-35%
West Virginia	16	-35%
Oregon	17	-35%
Virginia	18	-36%
South Dakota	19	-36%
Nebraska	20	-36%
Rhode Island	21	-36%
Delaware	22	-37%
Vermont	23	-37%
Washington	24	-37%
Mississippi	25	-37%

	RANK	% CHANGE
Maine	26	-37%
New Hampshire	27	-38%
Oklahoma	28	-38%
Connecticut	29	-39%
Arkansas	30	-39%
Wyoming	31	-39%
Alabama	32	-39%
Illinois	33	-39%
Texas	34	-39%
New Mexico	35	-39%
Montana	36	-40%
Georgia	37	-40%
North Carolina	38	-41%
Kansas	39	-41%
Louisiana	40	-41%
Kentucky	41	-41%
North Dakota	42	-42%
Tennessee	43	-42%
Indiana	44	-43%
Missouri	45	-43%
Michigan	46	-43%
Minnesota	47	-44%
Ohio	48	-46%
District of Columbia	49	-55%

WALKING TRIP PERCENTAGE CHANGE



NUMBER INSIDE EACH CELL INDICATES THE STATE'S NATIONAL RANK

11

Alaska and Hawaii excluded from the analysis.
D.C. included as a state.
*Annual Average Daily U.S. Walking Trips



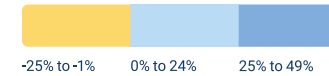
U.S. WALKING & MODE SHARE TRENDS BY STATE

U.S. STATES ORDERED BY % CHANGE IN WALKING TRIPS*, 2022 YEAR-OVER-YEAR

	RANK	% CHANGE
District of Columbia	1	+32%
Vermont	2	+19%
California	3	+13%
New York	4	+6%
Arizona	5	0%
Nevada	6	0%
Maryland	7	-1%
New Jersey	8	-3%
Florida	9	-4%
Massachusetts	10	-4%
Pennsylvania	11	-4%
New Mexico	12	-6%
Utah	13	-6%
Oregon	14	-7%
Delaware	15	-7%
Colorado	16	-7%
Illinois	17	-8%
Washington	18	-8%
Virginia	19	-9%
Rhode Island	20	-9%
Connecticut	21	-11%
Texas	22	-11%
Idaho	23	-11%
Georgia	24	-13%
Louisiana	25	-14%

	RANK	% CHANGE
South Carolina	26	-14%
Ohio	27	-14%
North Carolina	28	-14%
Michigan	29	-14%
Oklahoma	30	-14%
West Virginia	31	-14%
Montana	32	-14%
Indiana	33	-15%
Nebraska	34	-15%
Kansas	35	-17%
Wisconsin	36	-17%
Missouri	37	-17%
Kentucky	38	-17%
Tennessee	39	-18%
Wyoming	40	-18%
Iowa	41	-18%
Alabama	42	-19%
Mississippi	43	-19%
Arkansas	44	-19%
New Hampshire	45	-21%
South Dakota	46	-21%
Minnesota	47	-22%
North Dakota	48	-23%
Maine	49	-25%

WALKING TRIP PERCENTAGE CHANGE



NUMBER INSIDE EACH CELL INDICATES THE STATE'S NATIONAL RANK

11

Alaska and Hawaii excluded from the analysis.
D.C. included as a state.
*Annual Average Daily U.S. Walking Trips



U.S. WALKING & MODE SHARE TRENDS BY STATE

RANKING | U.S. STATES ORDERED BY WALKING TRIPS* PER CAPITA, 2022

	RANK	TRIPS PER 100 PEOPLE
District of Columbia	1	42
New York	2	38
New Jersey	3	32
Nevada	4	31
Wyoming	5	28
Massachusetts	6	28
California	7	28
Pennsylvania	8	27
Colorado	9	26
Utah	10	26
New Hampshire	11	26
Rhode Island	12	25
Montana	13	25
Florida	14	25
Idaho	15	25
New Mexico	16	25
Delaware	17	25
Arizona	18	24
Illinois	19	24
Oregon	20	24
Connecticut	21	23
Vermont	22	23
South Dakota	23	23
Maryland	24	22
Wisconsin	25	22

	RANK	TRIPS PER 100 PEOPLE
Virginia	26	22
North Dakota	27	22
Washington	28	22
Maine	29	22
Nebraska	30	21
South Carolina	31	21
Iowa	32	21
Indiana	33	21
Ohio	34	20
Michigan	35	19
Kansas	36	19
Texas	37	19
West Virginia	38	19
Georgia	39	19
North Carolina	40	18
Mississippi	41	18
Louisiana	42	18
Minnesota	43	18
Oklahoma	44	18
Missouri	45	18
Kentucky	46	17
Alabama	47	16
Arkansas	48	16
Tennessee	49	16

NUMBER INSIDE EACH CELL INDICATES THE STATE'S NATIONAL RANK

11

Alaska and Hawaii excluded from the analysis.
D.C. included as a state.
*Annual Average Daily U.S. Walking Trips





U.S. WALKING & MODE SHARE TRENDS BY STATE

RANKING | U.S. STATES ORDERED BY ACTIVE TRANSPORTATION'S SHARE OF TRIPS*

	2019 RANK	2022 RANK		2019 RANK	2022 RANK
District of Columbia	1	1	Virginia	32	26
New York	2	2	Florida	29	27
New Jersey	3	3	New Mexico	18	28
Massachusetts	4	4	Minnesota	31	29
California	7	5	Michigan	27	30
Oregon	8	6	North Dakota	33	31
Pennsylvania	6	7	Indiana	25	32
Rhode Island	14	8	Iowa	34	33
Nevada	13	9	Ohio	28	34
Colorado	10	10	Nebraska	35	35
Utah	15	11	Kansas	37	36
Vermont	5	12	West Virginia	36	37
Washington	16	13	South Carolina	39	38
Illinois	12	14	Georgia	40	39
New Hampshire	17	15	Missouri	38	40
Montana	9	16	North Carolina	42	41
Wyoming	11	17	Texas	43	42
Idaho	19	18	Kentucky	41	43
Arizona	21	19	Louisiana	44	44
Maine	23	20	Mississippi	47	45
Maryland	24	21	Oklahoma	46	46
Connecticut	22	22	Tennessee	45	47
Wisconsin	26	23	Arkansas	48	48
Delaware	20	24	Alabama	49	49
South Dakota	30	25			

STATES WITH SUBSTANTIAL CHANGE IN RIDERSHIP

-  States with large gain in share rank
-  States with large loss in share rank

NUMBER INSIDE EACH CELL INDICATES THE STATE'S NATIONAL RANK

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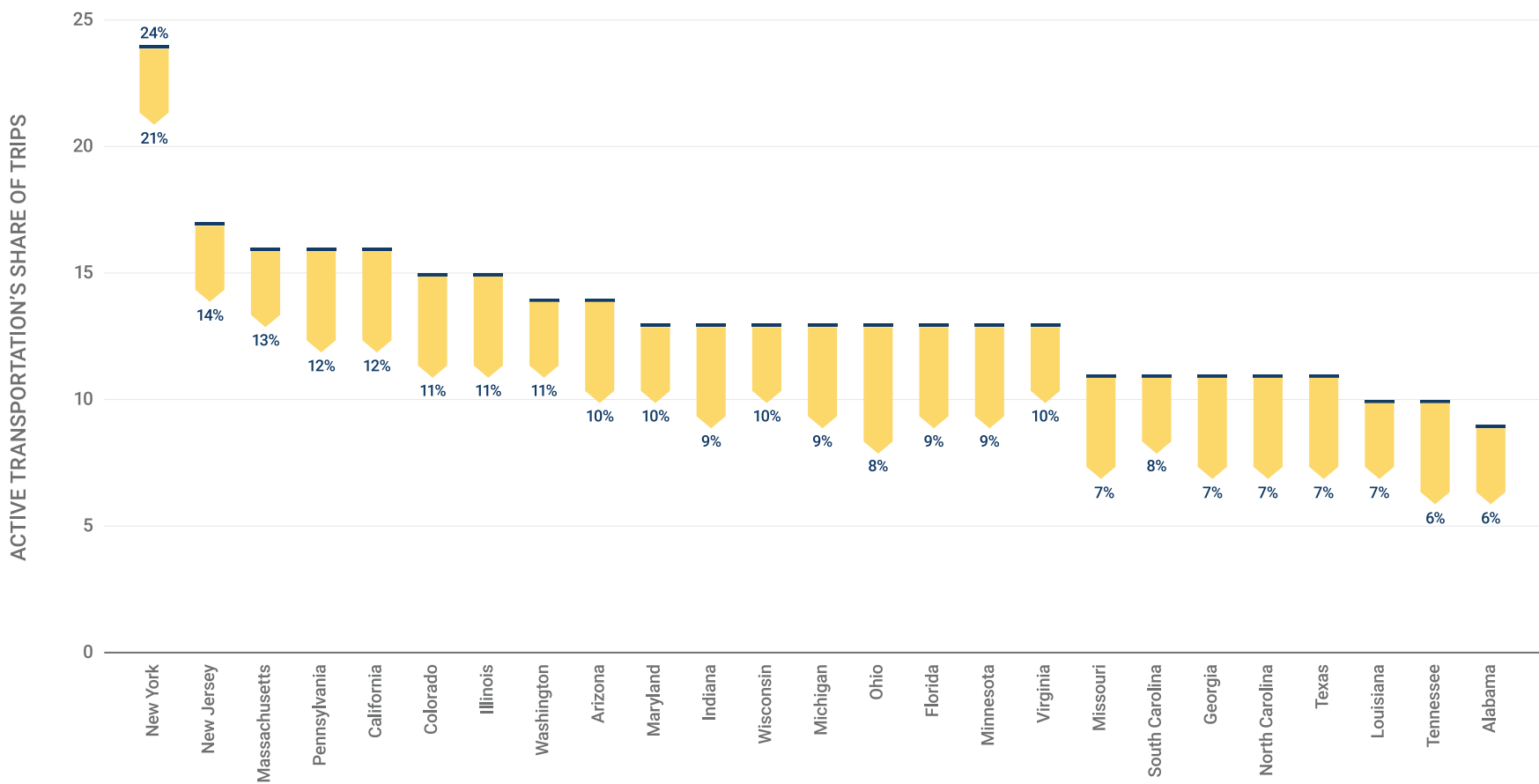
Alaska and Hawaii excluded from the analysis. D.C. included as a state.
Annual Average Daily U.S. Walking, Bicycling, & Vehicle Trips.
Active Transportation refers to walking & bicycling combined.





U.S. WALKING & MODE SHARE TRENDS BY STATE

ACTIVE TRANSPORTATION'S SHARE OF TRIPS* IN THE TOP 25 LARGEST STATES, 2019-2022

Change In Walking and Biking's Share of Trips Among Total Trips



 Change in Trip Share, 2019-2022
 2019 Share of Trips

Trips include walking, biking, and vehicle trips. Top 25 largest states by population ordered left to right by highest to lowest 2019 active transportation share.

*Annual Average Daily U.S. Trips.

VISUALIZE VOLUME, SPEED, BIKE AND PEDESTRIAN ACTIVITY TO IDENTIFY HIGH PRIORITY SITES

- Access volume, VMT, speed, bike and pedestrian activity to identify high-risk intersections or corridors.
- Compare trip and traveler activity by time of day and day of the week.
- Access historical multimode and demographic data (age, race, disability) to identify vulnerable users.
- Compare changes in travel time, traffic volume, speed to measure the effectiveness of safety projects.

[STREETLIGHTDATA.COM/SAFETY](https://streetlightdata.com/safety)



ABOUT STREETLIGHT

StreetLight Data, Inc. (“StreetLight”) pioneered the use of Big Data analytics to shed light on how people, goods, and services move, empowering smarter, data-driven transportation decisions. The company applies proprietary machine-learning algorithms and its vast data processing resources to measure travel patterns of vehicles, bicycles and pedestrians, accessible as analytics on the StreetLight InSight® SaaS platform. Acquired by Jacobs as a wholly owned subsidiary in February 2022, StreetLight provides innovative digital solutions to help communities reduce congestion, improve safe and equitable transportation, and maximize the positive impact of infrastructure investment.

[STREETLIGHTDATA.COM](https://www.streetlightdata.com)

