

Complete Streets Toolbox: Statistics

Separated Bikeways

- **Separated bikeways** cut cyclists **risk of injury in half**
- **Separated bikeways** have been proven to **decrease** speeding, **increase** retail sales, and **reduce** sidewalk riding
- **Separated bikeways** are the **strongest** indicator of **lower fatality and injury rates**; not just for bicyclists, but for cars too



Sources:
1. <https://www.citylab.com/transportation/2014/06/protected-bike-lanes-arent-just-safer-they-can-also-increase-cycling/371958/>
2. <http://peopleforbikes.org/our-work/statistics/statistics-category/?cat=protected-bike-lane-statistics>

Lane Reduction

- **A lane reduction** can **reduce injury** crashes by **61%**
- **Lane reductions** cause average speed to **decrease** by **3 miles per hour**
- **Road diets** can accommodate emergency vehicles **without increasing** response times



Sources:
1. https://safety.fhwa.dot.gov/road_diets/guidance/info_guide/ch2.cfm#s211
2. https://iowadot.gov/crashanalysis/pdfs/iowa4to3laneconversion_classicalbeforeafter_march2005.pdf
3. https://safety.fhwa.dot.gov/road_diets/guidance/info_guide/ch3.cfm
4. <http://uli.org/wp-content/uploads/ULI-Documents/America-in-2015.pdf>
5. <https://www.aarp.org/content/dam/aarp/livable-communities/livable-documents/documents-2014/Livability%20Fact%20Sheets/AARP-Livability-Fact-Sheets-0806151.pdf>

Separated Sidewalk

- People who live in neighborhoods with sidewalks are **47%** more likely to be active at least **30 minutes** a day
- **50%** of U.S. residents say that **walkability** is a **top priority** or **high priority** when considering where to live
- A **separated walkway** can prevent up to **88%** of **“walking along roadway”** crashes



Sources:
1. http://www.walkable.org/download/22_benefits.pdf
2. https://safety.fhwa.dot.gov/ped_bike/tools_solve/walkways_trifold/
3. <https://www.aarp.org/livable-communities/info-2014/sidewalks-fact-sheet.html>
4. <http://uli.org/wp-content/uploads/ULI-Documents/America-in-2015.pdf>
5. <https://www.fastcompany.com/3062989/50-reasons-why-everyone-should-want-more-walkable-streets>