# Connecticut Trail Census Statewide multi-use trail user study 

## 2019 Trail Use Count Data Report

March 17, 2020



## Overview

The following report includes the final adjusted infrared (IR) counter data from 20 multiuse trail locations in CT for 2019. This is the third year of counts for all locations, except the Riverfront Recapture site in Hartford (added in late 2017) and three new sites: the Air Line Trail in Portland; Charter Oak Greenway in Manchester; and G \& S Trail in Groton, (all added in summer 2019). Counts are recorded using TRAFx brand infrared (IR) pedestrian counters.


Trail Counter Sites

This user count is part of a larger multi-use trail data collection effort, the Connecticut Trail Census, a statewide volunteer data collection program intended to inform a better understanding of multi-use trail use and to make this information available to trail user groups, administrators, government agencies, and the general public. In addition to this report, we have also created a new data portal to visualize trail use data. Please visit our website to view the data portals. The project is funded by the Department of Energy and Environmental Protection Recreational Trails Program; project partners include the Connecticut State Greenways Council and the Naugatuck Valley Council of Governments.

[^0]
## Connecticut Trail Census Goals

1. Understand when, who, how, and why people use Connecticut's trails
2. Educate trail user groups, administrators, state and local government agencies, and the general public about trails and their impacts
3. Obtain multi-year information about trail use, user demographics, economic impacts, and trail amenities for identification of patterns and trends
4. Promote citizen participation in monitoring and understanding the value of trails and to encourage data-based trail design, construction and management.

## 2019 Trail Use: Key Takeaways

- Weather Rules: The most significant factor in trail use volume is weather. On days with mild to warm temperatures, trails see higher user volumes overall. It is worth noting that although the majority of trail use occurs in the summer/spring and fall, roughly $12 \%$ of use occurs in winter. Even on rainy days with moderate temperatures, people are still using trails.
- Steady Use on Commuter Trails: Trails with heavy commuter use seem to be less impacted by weather. The CTFastrak Trail in New Britain registers steady and consistent daily use, even during inclement weather.
- Trails Are Social Spaces: Large spikes on the Riverfront Recapture Trail show that events attract people to trails. Major events sponsored by Riverfront Recapture, City of Hartford and the Convention Center, such as the Dragon Boat \& Asian Festival, the Head of the Riverfront Regatta are reflected on (7/13, 8/3, 8/11, $9 / 25$, and $10 / 6$ ). October events on the Charter Oak Greenway in Manchester also boosted visitation (10/11-10/12).



## 2019 Totals

A total of $1,544,158$ uses were recorded across all 20 sites. Using average daily counts to account for missing data, the 20 sites had an estimated 1,744,543 uses in 2019. The most heavily used trails during 2019 were the Naugatuck River Greenway in Derby, Still River Greenway in Brookfield and Hop River Trail in Vernon. The Air Line Trail counters in Thompson and Portland recorded the lowest use.

| Trail Location |  | Days with Data | Daily <br> Average | Daily <br> Average $X$ <br> 365 |
| :---: | :---: | :---: | :---: | :---: |
|  | Total |  |  |  |
|  | Count |  |  |  |
| Air Line Trail, East Hampton | 73,108 | 365 | 200 | 73,108 |
| Air Line Trail, Portland | 8,824 | 176 | 50 | 18,300 |
| Air Line Trail, Thompson | 6,901 | 346 | 20 | 7,280 |
| Charter Oak Greenway, Manchester | 53,533 | 176 | 304 | 111,020 |
| CTFastrak Trail, New Britain | 43,580 | 365 | 119 | 43,580 |
| Farmington Canal Heritage Trail, Cheshire | 109,296 | 365 | 299 | 109,296 |
| Farmington Canal Heritage Trail, Hamden | 52,051 | 284 | 183 | 66,897 |
| Farmington Canal Heritage Trail, New Haven | 116,228 | 365 | 318 | 116,228 |
| G and S Trolley Trail, Groton | 22,808 | 193 | 118 | 43,134 |
| Hop River Trail, Bolton | 81,600 | 355 | 230 | 83,899 |
| Hop River Trail, Vernon | 146,978 | 360 | 408 | 149,019 |
| Larkin State Bridle Trail, Oxford | 20,751 | 255 | 81 | 29,702 |
| Middlebury Greenway | 66,988 | 365 | 184 | 66,988 |
| Naugatuck River Greenway, Derby | 160,754 | 266 | 604 | 220,583 |
| Norwalk River Valley Trail, Wilton | 37,629 | 257 | 146 | 53,290 |
| Riverwalk Trail, East Hartford | 69,220 | 365 | 190 | 69,220 |
| Riverwalk Trail, Hartford | 143,243 | 365 | 392 | 143,243 |
| Shoreline Trail, Madison | 92,609 | 365 | 254 | 92,609 |
| Still River Greenway, Brookfield | 178,577 | 357 | 500 | 182,579 |
| Sue Grossman Trail, Torrington | 59,084 | 334 | 177 | 64,568 |
| Total | 1,544,158 | 6279 | 4777 | 1,744,543 |

## Monthly Summary

Monthly Summary tables present trail use totals by month. The first table details adjusted count totals by site by month. The second table shows the percent of total annual counts by month, and is formatted with higher percentages shaded in darker green. Be aware that the percent of total for months with missing data reflects that fact.

## Key Takeaways

- Weather Rules: The heaviest use occurred between April and October
- August Wins: August yielded the highest trail use volume for most trails.
- Commuting is a Leveler: Use on trails that may have more commuter use, like the Farmington Canal Heritage Trail in New Haven or CTfastrak Trail in New Britain, have more evenly distributed uses over the year.



## Monthly Summary Totals



## Monthly Summary Percent of Totals Table:

| Trail | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Air Line Trail, East Hampton | 4\% | 3\% | 5\% | 8\% | 11\% | 13\% | 11\% | 16\% | 13\% | 9\% | 6\% | 2\% |
| Air Line Trail, Portland |  |  |  |  |  |  | 13\% | 24\% | 25\% | 17\% | 11\% | 9\% |
| Air Line Trail, Thompson | 2\% | 2\% | 1\% | 4\% | 14\% | 14\% | 10\% | 17\% | 13\% | 7\% | 9\% | 7\% |
| Charter Oak Greenway, Manchester |  |  |  |  |  |  | 18\% | 24\% | 21\% | 24\% | 10\% | 4\% |
| CTFastrak Trail, New Britain | 7\% | 7\% | 7\% | 9\% | 10\% | 10\% | 10\% | 11\% | 9\% | 8\% | 7\% | 5\% |
| Farmington Canal Heritage Trail, Cheshire | 3\% | 3\% | 5\% | 8\% | 10\% | 12\% | 11\% | 16\% | 16\% | 9\% | 5\% | 3\% |
| Farmington Canal Heritage Trail, Hamden | 3\% | 4\% | 7\% | 12\% | 16\% | 14\% |  |  | 19\% | 13\% | 8\% | 5\% |
| Farmington Canal Heritage Trail, New Haven | 5\% | 5\% | 6\% | 8\% | 10\% | 10\% | 10\% | 12\% | 14\% | 10\% | 6\% | 4\% |
| G\&S Trolley Trail, Groton |  |  |  |  |  | 6\% | 18\% | 20\% | 18\% | 13\% | 13\% | 11\% |
| Hop River Trail, Bolton | 2\% | 2\% | 4\% | 6\% | 9\% | 13\% | 13\% | 20\% | 16\% | 8\% | 5\% | 2\% |
| Hop River Trail, Vernon | 4\% | 2\% | 4\% | 8\% | 11\% | 13\% | 14\% | 15\% | 14\% | 9\% | 6\% | 2\% |
| Larkin State Bridle Trail, Oxford | 4\% |  | 6\% | 9\% | 5\% | 13\% | 10\% | 15\% | 18\% | 14\% | 6\% | 1\% |
| Middlebury, Greenway | 4\% | 3\% | 5\% | 11\% | 14\% | 14\% | 12\% | 12\% | 12\% | 7\% | 4\% | 1\% |
| Naugatuck River Greenway Trail, Derby | 8\% | 9\% | 19\% | 1\% |  |  | 11\% | 20\% | 11\% | 3\% | 10\% | 8\% |
| Norwalk River Valley Trail, Wilton | 11\% | 10\% | 12\% | 13\% | 12\% | 6\% |  |  |  | 9\% | 15\% | 13\% |
| Riverfront Recapture Trail, East Hartford | 3\% | 3\% | 6\% | 5\% | 9\% | 14\% | 14\% | 13\% | 14\% | 11\% | 6\% | 2\% |
| Riverfront Recapture Trail, Hartford | 2\% | 2\% | 4\% | 3\% | 7\% | 11\% | 12\% | 22\% | 15\% | 15\% | 4\% | 2\% |
| Shoreline Greenway Trail, Madison | 4\% | 4\% | 5\% | 8\% | 10\% | 14\% | 13\% | 14\% | 13\% | 6\% | 4\% | 4\% |
| Still River Greenway, Brookfield | 4\% | 4\% | 7\% | 10\% | 11\% | 9\% | 10\% | 13\% | 13\% | 9\% | 6\% | 3\% |
| Sue Grossman Trail, Torrington | 4\% | 0\% | 11\% | 12\% | 13\% | 11\% | 9\% | 10\% | 12\% | 9\% | 7\% | 2\% |

## Daily Totals

For visualizing daily totals by individual trail or in the aggregate, visit the new Trail Census data visualization portal. The new trail use and weather site integrates trail use and daily high temperature, precipitation, snowfall, and snow depth.

## Key Takeaways

- Weather Rules: The most significant factor in trail use and the daily totals is weather. On days that are warm to mild, trails get the most use overall. It is worth noting that although the majority of trail use occurs in the summer/spring and fall, significant use (12\%) occurs in winter. Even on rainy days with moderate temperatures, people are still using trails.
- Steady Use on Commuter Trails: Trails that experience commuter use seem to be less impacted by weather. See the CTFastrak Trail in New Britain which registers steady and consistent daily use, even during snow storms.
- Trail Plowing Works: Trails that plow and remove snow after storms experience rapid rebounds in use following major snowfall. For example, a major snow event on January 28-29 drastically impacted trail use across all trails. But trail use in Derby, where the trail is plowed, rebounded quickly.
- Autumn in New England: The highest total trail use total for all trails combined was Saturday, September 29, a warm ( 74 F) and clear day.
- Spring Fever? On rare days in winter and early spring when temperatures rise, so does trail use. On February 5, the weather was unseasonably warm (64 degrees) and total daily trail usage spiked to 5,314.


## Average Annual Daily Totals (AADT) by Trail



## Day of Week Summary

The day of week summary breaks down the annual adjusted counts by day of week. The first table details total counts by the day of week and the second table shows the percent of trail use by day of week for each trail, and is formatted with higher values shaded darker green.

## Key Takeaways

- A 60/40 Split: Overall, $62 \%$ of total uses were on weekdays and $38 \%$ on weekends. The most active trail day is Saturday, closely followed by Sunday. During the week Monday is the most active weekday, Thursday the least active.
- See You on the Weekend: Nearly all trails saw heavier use on weekends than weekdays, with the exception of the CTFastrak Trail, for which the opposite was true. This use pattern is indicative of heavier commuter use, as the trail runs parallel to the CTFastrak.



## Day of Week Summary Table:

|  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Trail | Sunday | Monday | Tuesday | Date |  |  |  |
| Wednesday | Thursday | Friday | Saturday |  |  |  |  |
| Air Line Trail, East Hampton | 16,546 | 9,769 | 8,172 | 7,807 | 7,482 | 7,708 | 15,624 |
| Air Line Trail, Portland | 1,934 | 1,319 | 1,020 | 876 | 958 | 1,107 | 1,610 |
| Air Line Trail, Thompson | 1,737 | 853 | 705 | 490 | 547 | 799 | 1,770 |
| Charter Oak Greenway, Manchester | 10,549 | 7,407 | 6,908 | 4,922 | 6,172 | 6,053 | 11,522 |
| CTFastrak Trail, New Britain | 4,682 | 6,673 | 6,560 | 6,764 | 6,490 | 6,583 | 5,828 |
| Farmington Canal Heritage Trail, Cheshire | 24,826 | 13,762 | 12,286 | 11,790 | 10,960 | 12,305 | 23,367 |
| Farmington Canal Heritage Trail, Hamden | 11,042 | 5,285 | 5,852 | 6,353 | 4,433 | 5,482 | 13,604 |
| Farmington Canal Heritage Trail, New Haven | 16,039 | 16,700 | 16,310 | 15,993 | 14,605 | 16,673 | 19,908 |
| G\&S Trolley Trail, Groton | 5,098 | 2,748 | 2,783 | 2,285 | 2,312 | 2,667 | 4,915 |
| Hop River Trail, Bolton | 20,932 | 9,934 | 7,156 | 8,241 | 7,326 | 8,862 | 19,515 |
| Hop River Trail, Vernon | 29,693 | 20,009 | 15,347 | 17,658 | 17,578 | 17,301 | 29,422 |
| Larkin State Bridle Trail, Oxford | 4,884 | 2,116 | 2,236 | 2,156 | 2,047 | 2,383 | 4,929 |
| Middlebury, Greenway | 11,173 | 10,055 | 9,315 | 9,517 | 7,834 | 7,969 | 11,125 |
| Naugatuck River Greenway Trail, Derby | 26,625 | 22,764 | 23,454 | 18,546 | 20,032 | 19,686 | 29,647 |
| Norwalk River Valley Trail, Wilton | 7,069 | 4,349 | 5,157 | 4,667 | 4,153 | 4,747 | 7,487 |
| Riverfront Recapture Trail, East Hartford | 7,528 | 10,847 | 9,679 | 11,278 | 8,983 | 8,838 | 12,067 |
| Riverfront Recapture Trail, Hartford | 20,384 | 16,751 | 18,475 | 19,503 | 16,688 | 17,229 | 34,213 |
| Shoreline Greenway Trail, Madison | 21,075 | 11,614 | 10,155 | 9,755 | 9,500 | 10,529 | 19,981 |
| Still River Greenway, Brookfield | 30,092 | 25,782 | 24,650 | 23,471 | 20,439 | 21,942 | 32,201 |
| Sue Grossman Trail, Torrington | 8,694 | 9,068 | 8,095 | 9,127 | 7,308 | 7,152 | 9,640 |

Day of Week Summary Percent of Totals Table:

| Trail | Sunday | Monday | Tuesday | Date <br> Wednesday | Thursday | Friday | Saturday |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Air Line Trail, East Hampton | 23\% | 13\% | 11\% | 11\% | 10\% | 11\% | 21\% |
| Air Line Trail, Portland | 22\% | 15\% | 12\% | 10\% | 11\% | 13\% | 18\% |
| Air Line Trail, Thompson | 25\% | 12\% | 10\% | 7\% | 8\% | 12\% | 26\% |
| Charter Oak Greenway, Manchester | 20\% | 14\% | 13\% | 9\% | 12\% | 11\% | 22\% |
| CTFastrak Trail, New Britain | 11\% | 15\% | 15\% | 16\% | 15\% | 15\% | 13\% |
| Farmington Canal Heritage Trail, Cheshire | 23\% | 13\% | 11\% | 11\% | 10\% | 11\% | 21\% |
| Farmington Canal Heritage Trail, Hamden | 21\% | 10\% | 11\% | 12\% | 9\% | 11\% | 26\% |
| Farmington Canal Heritage Trail, New Haven | 14\% | 14\% | 14\% | 14\% | 13\% | 14\% | 17\% |
| G\&S Trolley Trail, Groton | 22\% | 12\% | 12\% | 10\% | 10\% | 12\% | 22\% |
| Hop River Trail, Bolton | 26\% | 12\% | 9\% | 10\% | 9\% | 11\% | 24\% |
| Hop River Trail, Vernon | 20\% | 14\% | 10\% | 12\% | 12\% | 12\% | 20\% |
| Larkin State Bridle Trail, Oxford | 24\% | 10\% | 11\% | 10\% | 10\% | 11\% | 24\% |
| Middlebury, Greenway | 17\% | 15\% | 14\% | 14\% | 12\% | 12\% | 17\% |
| Naugatuck River Greenway Trail, Derby | 17\% | 14\% | 15\% | 12\% | 12\% | 12\% | 18\% |
| Norwalk River Valley Trail, Wilton | 19\% | 12\% | 14\% | 12\% | 11\% | 13\% | 20\% |
| Riverfront Recapture Trail, East Hartford | 11\% | 16\% | 14\% | 16\% | 13\% | 13\% | 17\% |
| Riverfront Recapture Trail, Hartford | 14\% | 12\% | 13\% | 14\% | 12\% | 12\% | 24\% |
| Shoreline Greenway Trail, Madison | 23\% | 13\% | 11\% | 11\% | 10\% | 11\% | 22\% |
| Still River Greenway, Brookfield | 17\% | 14\% | 14\% | 13\% | 11\% | 12\% | 18\% |
| Sue Grossman Trail, Torrington | 15\% | 15\% | 14\% | 15\% | 12\% | 12\% | 16\% |

## Hour of Day Summary

The Hour of Day summary reports use broken out by time of day. The table shows percent of daily use by hour of day for each trail and for all trails combined. The Percent of Daily Average table is formatted so that cells with higher values are shaded darker green. For summary totals, visit the data portal.

## Key Takeaways

- 9-5 is Primetime: Most trail use ( $85 \%$ ) takes place between 9am-5pm. Trails were busiest from 10am-1pm, with $12 \mathrm{pm}-1 \mathrm{pm}$ being the busiest hour on average.
- Commuter Hours: The CTFastrak Trail in New Britain and the Farmington Canal Trail in New Haven saw heavier morning/evening use, consistent with their urban settings and commuting use.
- Lunch and Walk: The spike in use on the Riverfront Recapture trails during the noon hour reflects the popularity of the trail for lunchtime walks for workers in nearby downtown Hartford.


## Hourly Percent of Totals Table:

|  |  |  |  |  |  |  |  |  |  |  |  |  | our |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \underset{\sim}{\Sigma} \\ & \underset{\sim}{n} \end{aligned}$ | $\sum_{\substack{~}}$ | $\sum_{\underset{N}{N}}$ | $\sum_{m}$ | $\sum_{K}$ | $\sum_{i n}$ | $\sum_{6}$ | $\sum_{\kappa}^{\infty}$ | $\sum_{\infty}^{\infty}$ | $\sum_{\alpha}$ | $\begin{aligned} & \Sigma \\ & \hline 0 \\ & 0 \end{aligned}$ | $\begin{aligned} & \Sigma_{i} \\ & 7 \end{aligned}$ | $\underset{\underset{\sim}{N}}{\substack{n}}$ | $\sum_{n}$ | $\underset{\sim}{\sum}$ | $\sum_{n}^{n}$ | $\begin{aligned} & \sum_{\alpha} \\ & J \end{aligned}$ | $\sum_{\text {in }}$ | $\sum_{0}$ | $\sum_{\text {N }}^{N}$ | $\sum_{\infty}^{\infty}$ | $\sum_{\text {a }}$ | $\begin{aligned} & \sum_{0} \\ & 0 \\ & 0 \end{aligned}$ | a $\cdots$ 7 |
| Trail |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Air Line Trail East Hampton | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 2\% | 4\% | 7\% | 9\% | 10\% | 9\% | 9\% | 10\% | 10\% | 10\% | 9\% | 6\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Air Line Trail Portland | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 6\% | 9\% | 12\% | 11\% | 8\% | 8\% | 8\% | 8\% | 8\% | 8\% | 7\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Air Line Trail Thompson | 0\% | 0\% | 0\% | 0\% | 0\% | 2\% | 2\% | 2\% | 4\% | 7\% | 10\% | 10\% | 10\% | 10\% | 12\% | 10\% | 8\% | 6\% | 4\% | 2\% | 1\% | 1\% | 0\% | 1\% |
| Charter Oak Greenway Manchester | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 6\% | 7\% | 8\% | 8\% | 8\% | 7\% | 7\% | 8\% | 7\% | 9\% | 9\% | 7\% | 3\% | 1\% | 0\% | 0\% |
| CTFastrak Trail New Britain | 1\% | 1\% | 0\% | 0\% | 0\% | 3\% | 5\% | 6\% | 4\% | 4\% | 5\% | 6\% | 5\% | 6\% | 7\% | 7\% | 8\% | 9\% | 8\% | 6\% | 4\% | 2\% | 2\% | 2\% |
| Farmington Canal Heritage Trail Cheshire | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 6\% | 8\% | 10\% | 11\% | 10\% | 10\% | 8\% | 8\% | 8\% | 7\% | 6\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Farmington Canal Heritage Trail Hamden | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 2\% | 4\% | 6\% | 8\% | 13\% | 10\% | 9\% | 10\% | 9\% | 9\% | 8\% | 6\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Farmington Canal Heritage Trail New Haven | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 2\% | 5\% | 7\% | 7\% | 7\% | 7\% | 7\% | 6\% | 7\% | 8\% | 9\% | 10\% | 7\% | 5\% | 3\% | 2\% | 1\% | 1\% |
| G\&S Trolley Trail Groton | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 5\% | 8\% | 11\% | 12\% | 10\% | 8\% | 8\% | 9\% | 9\% | 9\% | 6\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Hop River Trail Bolton | 1\% | 0\% | 0\% | 0\% | 0\% | 1\% | 1\% | 3\% | 6\% | 8\% | 9\% | 10\% | 9\% | 10\% | 9\% | 8\% | 8\% | 8\% | 7\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Hop River Trail Vernon | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 2\% | 4\% | 6\% | 10\% | 10\% | 9\% | 8\% | 8\% | 7\% | 8\% | 8\% | 8\% | 7\% | 4\% | 1\% | 0\% | 0\% | 0\% |
| Larkin State Bridle Trail Oxford | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 5\% | 7\% | 9\% | 11\% | 10\% | 9\% | 7\% | 8\% | 7\% | 7\% | 8\% | 5\% | 3\% | 1\% | 0\% | 0\% | 0\% |
| Middlebury Greenway | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 4\% | 6\% | 8\% | 10\% | 10\% | 9\% | 8\% | 7\% | 6\% | 7\% | 7\% | 7\% | 6\% | 4\% | 2\% | 0\% | 0\% | 0\% |
| Naugatuck River Greenway Trail Derby | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 2\% | 3\% | 6\% | 8\% | 9\% | 9\% | 9\% | 9\% | 9\% | 8\% | 8\% | 7\% | 6\% | 4\% | 1\% | 0\% | 0\% | 0\% |
| Norwalk River Valley Trail Wilton | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 2\% | 6\% | 10\% | 11\% | 10\% | 10\% | 9\% | 9\% | 9\% | 9\% | 8\% | 4\% | 2\% | 0\% | 0\% | 0\% | 0\% |
| Riverfront Recapture Trail East Hartford | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 2\% | 2\% | 4\% | 5\% | 5\% | 8\% | 16\% | 12\% | 7\% | 6\% | 6\% | 7\% | 7\% | 6\% | 3\% | 2\% | 1\% | 0\% |
| Riverfront Recapture Trail Hartford | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 5\% | 6\% | 6\% | 8\% | 16\% | 13\% | 9\% | 7\% | 6\% | 5\% | 5\% | 4\% | 2\% | 1\% | 1\% | 1\% |
| Shoreline Greenway Trail Madison | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 5\% | 8\% | 10\% | 12\% | 10\% | 10\% | 10\% | 8\% | 9\% | 7\% | 4\% | 2\% | 1\% | 0\% | 0\% | 0\% |
| Still River Greenway Brookfield | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 3\% | 6\% | 8\% | 9\% | 8\% | 8\% | 7\% | 8\% | 9\% | 9\% | 9\% | 8\% | 5\% | 1\% | 0\% | 0\% | 0\% |
| Sue Grossman Trail Torrington | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 2\% | 4\% | 7\% | 10\% | 9\% | 9\% | 9\% | 8\% | 7\% | 7\% | 8\% | 8\% | 6\% | 3\% | 1\% | 0\% | 0\% | 0\% |

## Understanding the Data



The count data represented in this report shows the number of uses or trips, not individual visits or visitors. Infrared counters register warm bodies passing by the IR scope. Therefore, trail users who travel out and back on the same route will pass the counter twice and be counted twice. For trails with primarily out and back traffic, trail visits can be estimated at $1 / 2$ of the count total. The raw data was adjusted or "calibrated" using manual counts completed by volunteers in the beginning in 2017. The manual counts of trail use at the counter locations were compared to the counts registered by the IR counter in that location for identical time periods. Individual adjustment factors were then established for each trail location by dividing the manual count total by the IR count total. Since the count data in this report also only provides information about use at a single point on a trail where the counter is installed, the figures may not necessarily be indicative of use of an entire trail or trail network. For more information about specific locations of counters, please see the program webpage.

## Missing Data

There were some issues that resulted in missing or corrupted data, so not all counters produced complete data for the entire year. Data issues include: moisture in the IR scope, heated vegetation within view of the IR scope, nesting insects obstructing IR scope. Missing data or data during time periods when a malfunction was identified (and was removed) from the dataset. In order to account for missing data on annual use estimates, the annual totals were calculated by multiplying the average daily use for days with valid data on each trail by 365 . All other breakdowns of the data are based on the adjusted (calibrated) counts, but still reflect the missing or removed data. More detailed information can be found on our website.


[^0]:    Prepared by: Laura Brown, Aaron Budris, Ryan Faulkner and Charles Tracy. For more information contact Laura Brown, University of Connecticut - Department of Extension, 305 Skiff Street, North Haven, CT 06473 Direct: 203-407-3157, laura.brown@uconn.edu.
    To view online visit https://cttrailcensus.uconn.edu/

