



ESSEX JUNCTION, VT

TOTAL POPULATION

10691

POPULATION DENSITY

2274.7

TOTAL AREA (sq. miles)

4.7

OF LOCAL BICYCLE FRIENDLY BUSINESSES

0

OF LOCAL BICYCLE FRIENDLY UNIVERSITIES

0

10 BUILDING BLOCKS OF A BICYCLE FRIENDLY COMMUNITY

	Average Silver	Essex Junction
High Speed Roads with Bike Facilities	35%	N/A
Total Bicycle Network Mileage to Total Road Network Mileage	48%	16%
Bicycle Education in Schools	GOOD	NEEDS IMPROVEMENT
Share of Transportation Budget Spent on Bicycling	11%	4%
Bike Month and Bike to Work Events	GOOD	VERY GOOD
Active Bicycle Advocacy Group	YES	YES
Active Bicycle Advisory Committee	MEETS EVERY TWO MONTHS	MEETS AT LEAST MONTHLY
Bicycle-Friendly Laws & Ordinances	GOOD	VERY GOOD
Bike Plan is Current and is Being Implemented	YES	YES
Bike Program Staff to Population	1 PER 78K	1 PER 43K

CATEGORY SCORES

ENGINEERING <i>Bicycle network and connectivity</i>	3 / 10
EDUCATION <i>Motorist awareness and bicycling skills</i>	2 / 10
ENCOURAGEMENT <i>Mainstreaming bicycling culture</i>	4 / 10
ENFORCEMENT <i>Promoting safety and protecting bicyclists' rights</i>	5 / 10
EVALUATION & PLANNING <i>Setting targets and having a plan</i>	3 / 10

KEY OUTCOMES

	Average Silver	Essex Junction
RIDERSHIP <i>Percentage of Commuters who bike</i>	2.7%	0.3%
SAFETY MEASURES CRASHES <i>Crashes per 10k bicycle commuters</i>	537	2125
SAFETY MEASURES FATALITIES <i>Fatalities per 10k bicycle commuters</i>	6.3	0



KEY STEPS TO SILVER



- » Develop a design manual for bike facilities that meets current national standards or adopt the FHWA's Small Town and Rural Multimodal Network Guide or the NACTO Urban Bikeway Design Guide. This will make it easier for Village staff to propose and implement bicycle facility designs that have been shown to improve conditions for people who bike in similar communities throughout the United States.
- » Invest in more on-street facilities that will provide low-stress routes to everyday destinations for people biking. Expand the bike network and increase connectivity through the use of different types of bicycle facilities appropriate for the speed and volume of motor vehicle traffic on each road.
- » Work with local businesses to increase the amount of high quality, APBP-compliant, bicycle parking throughout the community.
- » Consider launching a bike share system that is open to the public. Bike sharing is a convenient, cost effective, and healthy way of encouraging locals and visitors to make short trips by bike, make

bicycling more accessible to all, and to bridge the 'last mile' between public transit and destinations.

- » Work with local bicycle groups and interested parents to expand and improve the Safe Routes to School program to all K-12 schools. In particular, middle and high school education efforts could be improved. These efforts are particularly important as older students learn to drive and share the road.
- » Expand bicycle education opportunities for adults. Consider ways to target demographics who currently do not feel safe riding with classes or events that address their concerns. Visit bikeleague.org/ridesmart for more information.
- » Appoint a staff member Bicycle & Pedestrian Coordinator or create a new position.
- » Create a bicycle count program that utilizes several methods of data collection to create an understanding of current bicyclists and the effects of new facilities on bicycling in Essex Junction.