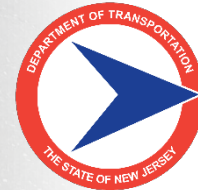




Developing a Micromobility Guide for New Jersey

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What is Micromobility?



What is Micromobility?

Class 1 E-Bike



Max. 20 mph

Electric motor is pedal-assist only

No age minimum

No license/registration needed

Helmets required under age 17

Allowed in bike lanes

Class 2 E-Bike



Max. 20 mph

Electric motor can be used exclusively

No age minimum

No license/registration needed

Helmets required under age 17

Allowed in bike lanes

Class 3 E-Bike



20 - 28 mph

Gas or electric motor

Minimum age is 15

License/registration required

Helmets always required

Allowed in bike lanes



Low-speed electric bicycle



Motorized bicycle

Why is this guide important?

- Increasing popularity and diversity of options
 - Accessibility, mobility, financial, and environmental benefits
- Confusion over vehicle types and regulations
- Safety for micromobility users



Our Existing Resources

New Jersey's E-Bike & E-Scooter Law

VEHICLE TYPES	PROPULSION METHOD	POWER SOURCE	MAX ASSISTED SPEED (MPH)	LICENSE & REGISTRATION	HELMET	PARK ON THE SIDEWALK?	TAKE ON TRANSIT?
LOW-SPEED ELECTRIC SCOOTER 	Kickstart and throttle	Electric	19mph	No	Under 17 years old	If not blocking access	Yes*
LOW-SPEED ELECTRIC BICYCLE 	Pedal and/or throttle	Electric (<750W)	20mph	No	Under 17 years old	If not blocking access	Yes*
MOTORIZED BICYCLE 	Pedal and throttle	Gas or Electric (<50cc/<1.5BHP)	28mph	Required	Required	No	No

<http://njbikeped.org/new-law-legalized-e-bikes-and-e-scooters-in-new-jersey/>

* Restrictions may vary by agency. PATH and NJT restrict non-collapsible vehicles during peak travel times. Bus racks have limited availability and may not fit all bikes.

E-mobility devices make it easier to:

- Save on gas, parking, and rideshare costs.
- Access destinations without needing to walk or drive.
- Reduce carbon emissions.
- Make "first-mile" and "last-mile" connections for bus and train trips.
- Climb hills and keep up with traffic without getting sweaty.
- Help people with limitations due to age, physical fitness levels, or disabilities.


Low-speed e-bikes and e-scooters are regulated like bicycles. Drivers of low-speed e-bikes and e-scooters:

- Must ride in the same direction as traffic and obey all traffic lights, signs, and signals.
- Are advised to wear helmets to minimize potential head injury. Helmets are required in NJ for youth under age 17.
- Must park devices without blocking pedestrian and/or wheelchair access.
- Should not ride on sidewalks. Off-road trails generally do not allow motorized bicycles, but may allow e-bikes and e-scooters. Regulations vary by municipality and county. Check all local ordinances and policies. Ride slowly in areas with pedestrians.

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NEW JERSEY Safe Routes

For more information, visit the NJ Bicycle and Pedestrian Resource Center at njbikeped.org or the NJ Safe Routes Resource Center at saferoutesnj.org. 01.13.22



Micromobility and Youth Education, Engagement & Awareness

March 2023

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NEW JERSEY Safe Routes

U.S. Department of Transportation Federal Highway Administration

njbikeped.org/micromobility

saferoutesnj.org/research-reports

Draft Micromobility Guide Outline

- **Background, Issues, and Needs**
- **Definitions**
 - Vehicle types, propulsion method, power source, max. speed, license/registration, riding/parking regulations
- **Regulations**
 - State laws
 - Municipal ordinances
 - Additional regulations (agency policies, judicial precedents, etc.)
 - Guidance/recommendations for law enforcement
- **Best Practices for Operation**
 - Safety tips
 - Securing/storing vehicles
 - Traveling with micromobility on transit
 - Riding on trails
 - Safe battery handling
 - Geofenced speed limitations

We Need Your Input!

NEW JERSEY
Safe Routes to School



www.saferoutesnj.org

Contact:

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**NJ BICYCLE & PEDESTRIAN
RESOURCE CENTER**
Educate. Encourage. Empower.

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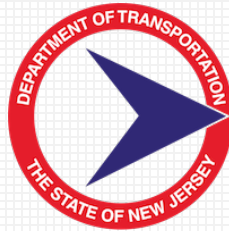
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