

Class 1

- Pedal Assist Only
- 20mph Max
- 750W Max



Class 2

- Pedal Assist or Throttle
- Max 20mph
- 750W Max



Class 3

- Pedal Assist
- 28mph Max
- May have throttle with 20mph Max
- 750W Max
- Speedometer



Amazon "E-Bike"

- 1500W Motor

- 32mph Max

- No adjustable seat



E-moto

- 3000W Motor
- 40mph max
- Has pedals so it can sneak by as an "e-bike"



WHAT'S LEGAL AND WHAT'S NOT: ELECTRIC BICYCLE VS. E-MOTO

FEATURE	CLASS 1 / 2 / 3 ELECTRIC BICYCLE	E-MOTO
Operable Pedals	Required	Not required (often fake)
Motor Power	≤ 750W	Often 1,000W–6,000W+
Top Speed	≤ 20–28 mph	30–65+ mph
Throttle	Class 2 only (≤ 20 mph)	Usually throttle-only
Licensing / Registration	No	Required (in most states)
Product Category	Consumer product	Motor vehicle
Street Legal for Minors?	Yes, in many states, depending on age	No, unless registered and licensed

Dayton Children's ER Data

2024	Q1	Q2	Q3	Q4	TOTAL	Increase From Previous Year
Bike Injuries	16	57	65	19	376	-1.05%
Bike vs. Auto Injuries	3	9	16	7	35	133.33%
E-Bike Injuries	2	6	9	1	18	500.00%
E-Scooter Injuries	3	14	22	10	49	250.00%
2025	Q1	Q2	Q3	Q4	TOTAL	Increase From Previous Year
Bike Injuries	40	125	135	53	353	-6%
Bike vs. Auto Injuries	0	11	13	4	28	-20%
E-Bike Injuries	4	3	27	15	49	172%
E-Scooter Injuries	7	38	29	12	86	75%

Central Ohio Code Comparison

City	Where Devices May Be Operated	Helmet Rules	Parental Responsibility	Parking Rules	Mini-Motorcycle Rules	Key Distinctions
Dublin (Proposed)	Streets with speed limits of 25 mph or less, sidewalks, and shared use paths; City may restrict use in specific areas as needed	Helmets required for riders under 18; required for Class 3 e-bikes	Parents may not authorize or knowingly permit a child to violate the code	Clear parking rules to prevent blocking sidewalks, paths, and rights-of-way	Not allowed on streets, sidewalks, or shared use paths	More detailed and flexible than most peers; balances safety, clarity, and local control
New Albany	Streets, sidewalks, and shared use paths; e-bikes and scooters on sidewalks only if motor is not engaged	Helmets required for riders under 18	Parents may be held responsible if they authorize or knowingly allow violations	No detailed micromobility parking standards	Not allowed on streets, sidewalks, or shared use paths	Sets a 10 mph speed limit on sidewalks and shared use paths, with authority to adjust limits
Upper Arlington	Streets; sidewalk use restricted in some areas; not allowed in parks	Helmets recommended (not required) for riders under 18	Parents may be held responsible	No specific micromobility parking rules	Not allowed on sidewalks, public park paths, or school grounds	Code is shorter and less detailed; devices banned in parks and business district sidewalks
Columbus	Streets with speed limits up to 35 mph; sidewalks not allowed	Helmets required for riders under 18	Parents may be held responsible if they knowingly allow violations	Detailed parking rules for shared micromobility programs	Generally not allowed on sidewalks; addressed separately	Riders must be at least 16 years old to ride on streets
Bexley	Streets, shared use paths, and sidewalks	Helmets required for riders under 18	Parents may be held responsible	No special micromobility parking rules beyond general right-of-way laws	Not allowed on sidewalks, in public parks, or on school grounds	Code closely follows Ohio Revised Code
Worthington	Streets, sidewalks, and shared use paths under state law	Helmets required only for Class 3 e-bikes	No parental responsibility provisions	No specific micromobility parking rules	Governed by state law only	Relies more on state law; fewer local rules
Westerville	Streets, shared use paths, and trails, with added limits	Helmets required for all e-scooter and e-bike riders	Not specifically addressed	General parking rules for bicycles; no codified ordinances for other micromobility parking.	Limited under general vehicle and path rules	Sets a 15 mph speed limit on city trails; no bicycles on sidewalk within business district or shopping center