

New and Emerging Vehicles

E-bikes, Mopeds and Motor Scooters



This document is intended for information purposes only. While the Ministry of Transportation does its best to ensure that the information provided is current, the Ontario Highway Traffic Act (HTA), as the official version of the law, should be relied on to ensure accuracy.

Link to the HTA: e-laws.gov.on.ca/html/statutes/english/elaws_statutes_90h08_e.htm

Common name	E-bike and E-scooter	Moped	Motor Scooter
HTA classification	Power-assisted bicycle, Bicycle	Motor-assisted bicycle	Limited-speed motorcycle (LSM)
Where on the roadway do I drive this vehicle?	As close to the right edge of the roadway as is practicable (similar to a bicycle).	Within a lane marked for motor vehicle traffic. If travelling slower than the normal speed of traffic at that time and place, then must travel as close to the right edge of the roadway as is practicable.	
Roads where operation is prohibited	Controlled access highways* (e.g. 400-series highways), and where municipalities prohibit		
Is this a motor vehicle under the HTA?	No	Yes	Yes
Is this a motor vehicle under the Criminal Code of Canada?	Yes	Yes	Yes
Required to be equipped with pedals?	Yes	Yes	No, not applicable - not manufactured with pedals
Key characteristics	<ul style="list-style-type: none"> • Electric-powered • Maximum power output: 500 W • Maximum speed: 32 km/h • Maximum weight: 120 kg 	<ul style="list-style-type: none"> • Gas-powered • Maximum engine size: 50 cc • Does not attain a speed greater than 50 km/h within 2 km from start • Maximum weight: 55 kg 	<ul style="list-style-type: none"> • Electric- or gas-powered • Maximum engine size: 50 cc • Maximum speed: 70 km/h • Can attain speed of 32 km/h within 1.6 km
Additional characteristics	<ul style="list-style-type: none"> • Independent front and rear wheel braking • May have 2 or 3 wheels • Steering handlebars • Minimum wheel diameter: 350 mm • Minimum tire width: 35 mm • No modifications allowed to increase speed or power • Must have bell, white front light and red rear light 	<ul style="list-style-type: none"> • Independent front and rear wheel braking • Pedals must be operable at all times • Does not have hand or foot-operated clutch <p>Note: regular bicycles with attached gas engines (i.e. moped conversions) are not eligible for registration by the Ministry of Transportation, and therefore cannot be used on public roads.</p>	<ul style="list-style-type: none"> • Independent front and rear wheel braking • Minimum seat height: 650 mm • Minimum wheelbase: 1016 mm • Minimum wheel rim diameter: 250 mm • "Step through" scooter design, and handlebar steering



New and Emerging Vehicles

Personal mobility devices and Segways



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Link to the HTA: e-laws.gov.on.ca/html/statutes/english/elaws_statutes_90h08_e.htm

Common name	Wheelchair, Mobility Scooter, Motorized Personal Mobility Device 	Segway 
HTA definition/classification	Wheelchair	Segway. Temporarily allowed under provincial pilot that expires Oct. 19, 2013
Who can use this device?	Persons with mobility disabilities	Persons 14 and over with mobility disabilities, police officers, Canada Post mail carriers
Minimum operator age	None	14
Helmet required?	No	Yes, bicycle (under 18 only)
Driver's license, registration, and insurance required?	No	No
Where on the roadway do I operate this device?	Sidewalks, if municipalities allow. Otherwise, must travel along the left shoulder of the roadway facing oncoming traffic, like pedestrians.	Sidewalks, if municipalities allow, otherwise as close to the right edge of the roadway as possible.
Roads where operation is prohibited	Controlled access highways* (e.g. 400-series highways), and where municipalities prohibit	
Passengers allowed?	No	No
Key characteristics	<ul style="list-style-type: none"> Designed and intended to be used by persons with mobility disabilities. 	<ul style="list-style-type: none"> Device known as the Segway Personal Transporter or Segway Human Transporter manufactured by Segway Inc. Must have bell, white front light and red rear light. Basket and bags are allowed to be attached to the Segway. No other modifications allowed after manufacture.
Is this a motor vehicle under the HTA?	No	No. However, it is defined as a motor vehicle for municipal by-laws concerning the use of motor vehicles on sidewalks.

*Controlled-access highways include the 400-series highways, provincial highways 69, 6, 24, 35, 58, and specific parts of certain provincial highways. For more details, please see Schedule 1 in Ontario Regulation 630: Vehicles on Controlled-Access Highways.

Link: http://www.e-laws.gov.on.ca/html/regs/english/elaws_regs_900630_e.htm

For more information about these and other new and emerging vehicles, please see the MTO website: <http://www.mto.gov.on.ca/english/dandv/vehicle/emerging/index.shtml>



New and Emerging Vehicles

Motor tricycles and Low-speed vehicles



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Link to the HTA: e-laws.gov.on.ca/html/statutes/english/elaws_statutes_90h08_e.htm

Common name	Motor Tricycle	Low-Speed Vehicle
		
HTA classification	Motor Tricycle, Motorcycle	Low-speed vehicle. Temporarily allowed under provincial pilot that expires Dec. 31, 2014.
Where on the roadway do I drive this vehicle?	Within a lane marked for motor vehicle traffic. If travelling slower than the normal speed of traffic at the time and place, then must travel as close to the right edge of the roadway as is practicable.	
Roads where operation is prohibited	No restrictions	See chart below: Operating Requirements for LSVs in Different Environments
Key characteristics	<ul style="list-style-type: none"> • Has three wheels in contact with the ground (includes two-wheeled motorcycle with side car): can have one wheel in front and two in back; or two wheels in front and one in back • Straddle-type seating • Maximum weight: 1000 kg • Minimum wheel rim diameter: 250 mm • Minimum wheel base: 1016 mm 	<ul style="list-style-type: none"> • Some models resemble passenger cars • Designed for use on streets with low speed limits and in controlled environments • Powered by an electric motor • Can attain speed of 32 km/h within 1.6 km • Maximum speed: 40 km/h • Meets the Canada Motor Vehicle Safety Standards 500 for LSVs (required to have headlamps, turn signals, mirrors, parking brake, Vehicle Identification Number, windshield, seat belt assembly) • Does not produce emissions • Travels on four wheels • Does not use fuel as an on-board source of energy • Maximum weight: 1,361 kg
Is this a motor vehicle under the HTA?	Yes	Yes
Minimum Operator Age	16	16
Helmet required?	Motorcycle	No
Driver's license required?	Yes: M1, M2 or M, or Restricted M2 or M with "M" endorsement	Yes: A, B, C, D, E, F or G
Registration and insurance required?	Yes	Yes
Passengers allowed?	Yes, if passenger seat available	Yes
Passenger minimum age	None, but passenger must be able to reach foot pegs	8
Passenger helmet required?	Motorcycle	No

New and Emerging Vehicles

Prohibited vehicles in Ontario






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What makes a vehicle illegal to operate on Ontario's public roads?

- The HTA requires a motor vehicle to be registered for use on Ontario's public roads.
- The following five types of motor vehicles are illegal for on-road use in Ontario because they do not meet provincial equipment requirements and therefore cannot be registered.
- If you choose to drive an unregistered motor vehicle on public roads, you can be charged with driving a motor vehicle without registration and insurance.

Common Name	Additional Notes
Pocket Bike 	Can only be used where HTA does not apply, such as private property. <ul style="list-style-type: none"> • Under federal law, this is classified as a restricted-use motorcycle. • Must have a Vehicle Identification Number, reflectors, and a warning label that restricts use to off-road use only. • Intended for closed circuit use only, not roadways.
Electric and Motorized Scooter (Go-ped) 	Can only be used where the HTA does not apply, such as private property. <ul style="list-style-type: none"> • Contact your local municipality for by-laws pertaining to use on sidewalks or bike paths.
Golf Cart 	Can only be used where the HTA does not apply, such as private property.
T-Rex This is an enclosed three-wheeled motorcycle with bucket seating and a steering wheel.	Can only be used where the HTA does not apply, such as private property. <ul style="list-style-type: none"> • This vehicle is classified as a three-wheeled vehicle under federal law. • In Ontario, it is classified as a motor vehicle, and therefore does not meet the provincial requirements for operating on-road.
Quadricycle This is a four-wheeled motorcycle designed and intended for on-road use.	Not currently allowed for importation into Canada.

For more information about these and other new and emerging vehicles, please see the MTO website: <http://www.mto.gov.on.ca/english/dandv/vehicle/emerging/index.shtml>



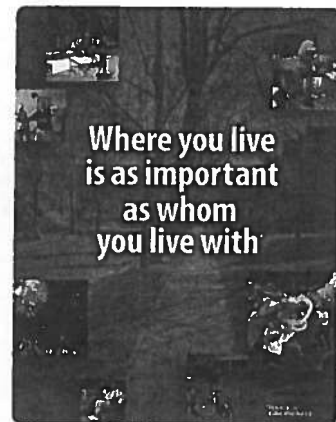
Presentation to the Community
Safety and Crime Prevention Advisory
Committee

Outline

- Background
- METRAC
- Leadership Table
- Definition of a Safe Neighbourhood
- Where we're at and Next Steps

Background

- LSNS
- 12 elements of a Strong Neighbourhood
- Safety: “Explore development of a neighbourhood safety index”



METRAC

- Metropolitan Action Committee on Violence Against Women and Children
- Community Safety Audit as a model



Leadership Table

- Will meet biannually to review audits and explore potential alignment
- Members include:
 - London Police Services
 - London Fire Services
 - Neighbourhood Watch
 - London Block Parent
 - Transportation Division, City of London
 - Community Development & Funding, City of London
 - Security and Emergency Management, City of London
 - Healthy Communities and Injury Prevention, Middlesex-London Health Unit
 - Environmental and Parks Planning, City of London
 - Community Safety and Crime Prevention Advisory Committee, City of London
 - London Strengthening Neighbourhoods Strategy
 - Canada Post

Definition: A Safe Neighbourhood

- “A place where anyone may live, work, play or visit without fear or risk of harm or injury”



Where We're At and Next Steps

- Completed drafts of all documents for audit process
- Piloted Audit in Argyle
- Reviewing results and generating Report and Action Plan
- Looking for more pilot neighbourhoods
- Developing a sustainable model

LONDON FIRE SERVICE

YEAR TO DATE CRIME STATISTICS
Period Ending October 31, 2013

	Current Month		YTD	Previous Year		% Change	
	Month	YTD		Month	YTD	Month	YTD
Homicide	0	5	5	0	7		-29%
Attempted Murder	0	4	4	0	10		-60%
Sexual Assault	34	247	247	30	200	13%	24%
Assault	176	1644	1644	182	1754	-3%	-6%
Abduction	3	49	49	6	39	-50%	26%
Robbery	15	143	143	13	218	15%	-34%
B & E	194	1699	1699	182	2118	7%	-20%
Theft - Auto	88	711	711	68	720	29%	-1%
Theft	865	6722	6722	570	7278	52%	-8%
Possession - Stolen	31	185	185	14	153	121%	21%
Fraud	99	1054	1054	99	836	0%	26%
Counterfeit	8	50	50	3	80	167%	-38%
Prostitution	7	53	53	8	68	-13%	-22%
Gaming & Betting	0	0	0	0	0		
Weapons	16	244	244	24	219	-33%	11%
Criminal Code Other	790	7272	7272	808	7954	-2%	-9%
TOTAL	2326	20082	20082	2007	21654	16%	-7%

LONDON POLICE SERVICE
 YEAR TO DATE TRAFFIC RELATED STATISTICS
 Period Ending October 31, 2013

	Current Month	YTD	Previous Year		% Change	
			Month	YTD	Month	YTD
Impaired	23	248	30	222	-23%	12%
Hit and Run	133	1151	131	1157	2%	-1%
Dangerous Operation	2	38	10	41	-80%	-7%
Careless	53	344	48	328	10%	5%
Suspended/Prohibited	50	385	30	299	67%	29%
Roadside Suspensions	2	47	4	33	-50%	42%
Total Collisions	941	7910	944	7740	0%	2%

PERSONS CHARGED
 Period Ending October 31, 2013

	Current Month	YTD	Previous Year		% Change	
			Month	YTD	Month	YTD
Provincial Statutes	4556	46992	3347	40392	36%	16%
By-law	275	2536	118	1963	133%	29%

PERSONS CHARGED
 Period Ending October 31, 2013

	Total		Adult Male		Adult Female		Y.O. Male		Y.O. Female	
	Current YTD	Prev. YTD	Curr. YTD	Prev. YTD	Curr. YTD	Prev. YTD	Curr. YTD	Prev. YTD	Curr. YTD	Prev. YTD
Controlled Drugs & Substances	625	538	468	399	121	105	31	28	5	6
Other Federal Statutes	6857	7361	4845	5018	1519	1724	346	429	147	190