passenger TRANSPORTATION BOARD
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2013 Eco-Friendly Taxi Guide

Updated July 3, 2013

Who is this Guide for?

This Guide is for taxi licensees in British Columbia who want to know which 2013 vehicles meet the Board definition of eco-friendly taxi.

You may use the information in this guide to:

1. meet a requirement in a Passenger Transportation Licence, or
2. find a vehicle with lower fuel costs and less emissions.

CAUTION:
Get Board approval to operate a taxi before buying, leasing or renting any vehicle. Also, read this information sheet about provincial and federal vehicle safety requirements.

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2013 Eco-Friendly Taxi Guide

A. A Quick Look at Eco-Friendly Taxis

Table 1 lists the more common vehicle options for 2013 eco-friendly taxis in BC. (Energy consumption is noted in brackets.) Details about these and other eco-friendly vehicles are provided in this Guide.

Table 1: Partial List of 2013 Eco-Friendly Taxis (by vehicle category)

A **Any Vehicle** (up to 6.9 litres per 100 km)	B **SUV & Full Size** (up to 8.0 litres per 100 km)	C **Vans & Minivans** (up to 10.1 litres per 100 km)
 Chevrolet Volt (2.4- all-electric; 6.4 with gas usage)	 Hyundai Sonata (7.3)	 Mazda 5 (8.2/8.4)
 Toyota Prius (3.8)	 Honda Accord (7.5 or 7.6)	 Toyota Sienna (9.1 or 9.8)
 Toyota Camry Hyb. LE/LXE (4.7/4.9)	 Toyota RAV 4 (7.7)	 Honda Odyssey Touring (9.2) Honda Odyssey (9.7)
 Honda Civic Automatic (6.2)	 Ford Escape (7.7 – AWD = 8.0)	
 Toyota Corolla Automatic (6.9)	 Honda CRV (7.8 – AWD = 8.0)	

B. Background

The Passenger Transportation Board encourages taxi companies to use taxicabs with low carbon emissions. Eco-friendly taxis are used in many cities and towns in British Columbia because it makes good business sense. In Metro Vancouver and the Capital Regional District, the Board requires the use of eco-friendly taxis when a taxi company expands its taxi fleet. It may also apply this policy when it receives an application from another part of the province. The eco-friendly taxi policy does not apply to wheelchair accessible taxis.

The Board defines eco-friendly taxis. It uses vehicle classes and fuel consumption vehicle ratings published by Natural Resources Canada. An eco-friendly taxi includes some vehicles that are hybrid or electric, and some that are not.

C. Policy

Excerpt from Operational Policy IV.2 (updated November 2011):

> When an applicant seeks to start or expand a fleet of taxis, the Board applies the three-part test. This is set out in section 28(1) of the Passenger Transportation Act.
>
> If the Board approves an increase in the supply of taxis in ***Metro Vancouver*** or the ***Capital Regional District (CRD)***, all conventional taxis must be eco-friendly vehicles.
>
> The Board may require the use of eco-friendly taxis in ***other areas of the province*** if it approves an application for new or additional taxis. Before issuing a decision, the Board will advise an applicant of its intent to apply the policy. The applicant will have an opportunity to respond.

D. Benefits

Eco-friendly taxis are good for the environment and society. Reduced fuel costs are good for drivers, taxi owners and the taxi industry.

E. CFCR

The Board's eco-friendly taxi criteria is based on CFCRs. CFCR means "combined fuel consumption rating." To calculate a vehicle's CFCR, the Board uses data from Natural Resources Canada. The CFCR is calculated by adding 55% of the vehicle's city rating and 45% of its highway rating. Table 2 provides an example.

Table 2: Sample CFCR Calculation

	Fuel Consumption Rating	Weight	Calculations
Highway	6.5	45%	3.2
City	5.8	55%	2.9
CFCR			**6.1 litres per 100 km**

F. Vehicle Classes and Categories

Every vehicle model falls within one of ten vehicle classes identified by Natural Resources Canada ("NRC"). The Board groups these ten classes into three categories. NRC classes and Board categories are listed in Table 3.

Table 3: Board Vehicle Categories

Vehicle Category (PT Board)	A Any Vehicle	B SUV & Full Size	C Vans & Minivans
Vehicle Classes (Natural Resources Canada)	• Two-seater car (T) • Subcompact car (S) • Compact Car (C) • Mid-Size Car (M) • Station Wagon (W) • Pickup Truck	• Special Purpose Vehicle (SP or SUV) • Full-Size Car (L)	• Minivan (V) • Large Van (F)

G. Eco-Friendly Taxi Criteria

The Board sets criteria for three categories of eco-friendly taxis. That is, it sets a maximum fuel consumption rating for each category. See Table 4.

Table 4: Maximum CFCR by Vehicle Category

Vehicle Category:	A Any Vehicle	B SUV & Full Size	C Vans & Minivans
Maximum CFCR	6.9 litres per 100 km	8.0 litres per 100 km	10.1 litres per 100 km

Important Note: Some vehicle models have different editions. Each edition may have a different configuration of engine type, engine size and transmission type. These configurations affect the CFCR. For a vehicle to meet the EFT criteria, vehicle specifications must match a vehicle with the specifications that meets the EFT criteria.

Table 5 shows how one model of vehicle has multiple editions – each one with a different CFCR. It is an example that compares CFCRs for three editions of the 2013 Ford Escape. As the 2013 Ford Escape is an SUV in Category B, the CFCR must be 8.0 litres per 100 km or less to be an eco-friendly taxi.

Table 5: Example of CFCRs for Different Vehicle Configurations (2013 Ford Escape)

Ford Escape Models (2013)	CFCR (litres per 100 km)	Eco-Friendly fTaxi?
Escape – 1.6 L engine	7.7	Yes
Escape AWD – 1.6 L engine	8.0	Yes
Escape – 2.5 L engine	8.1	No
Escape – 2.0 L engine	8.5	No
Escape AWD – 2.0 L engine	8.5	No

Note: *Details for all 5 editions of the Ford Escape are shown in the document* ***Fuel Consumption Ratings for 2013 Vehicles*** *posted at http://www.th.gov.bc.ca/ptb/eco_friendly.htm. CFCR ratings for other years are also posted there.*

H. 2013 Lists of Eco-Friendly Taxis

The 2013 vehicle models that meet the Board criteria for an eco-friendly taxi (EFT) are listed in Tables 6, through 9. Two tables (6 and 7) are provided for EFTs in Category A: one for vehicles with gas powered-engines and one for electric and plug-in hybrid vehicles. Tables 8 and 9 are for category B and C vehicles. A legend is set out in Table 10.

Information in these lists originates from Natural Resources Canada (NRC), except that CFCRs are calculated by the Board based on the city and highway ratings published by NRC. ***If there is a discrepancy between NRC data and the data or calculations reprinted in a Passenger Transportation Board document, the NRC data takes precedence.***

Links to the source data and related Board policy information is posted at http://www.th.gov.bc.ca/ptb/eco_friendly.htm.

Table 6: 2013 Eco-Friendly Taxis (Category A – Any Vehicles / Gas)

Category A -- Any Vehicle (2013)
up to 6.9 litres per 100 km

T = two seater; S = subcompact; C = compact; M = mid-size;
L = full size; W = station wagon; SP = SUV; V = minivan; F = full van; PU = Pick Up

Make & Model	Class	Engine Size (litres) & Cylindars	# Gears (Transmission)	Fuel Type	Fuel $ Per Year (NRC Est.)	Litres per Year (NRC Est.)	City (Litres per 100 km)	Highway (Litres per 100 km)	CO2 Kg Per Year	CFCR
TOYOTA PRIUS c	**C**	1.5/4	AV	X	955	740	3.5	4	1702	**3.7**
TOYOTA PRIUS	**M**	1.8/4	AV	X	980	760	3.7	4	1748	**3.8**
FORD C-MAX HYBRID	**L**	2.0/4	AV	X	1058	820	4	4.1	1886	**4.0**
FORD FUSION HYBRID	**M**	2.0/4	AV	X	1058	820	4	4.1	1886	**4.0**
LINCOLN MKZ HYBRID	**M**	2.0/4	AV	X	1084	840	4.2	4.3	1932	**4.2**
HONDA CIVIC HYBRID	**C**	1.5/4	AV	X	1109	860	4.4	4.2	1978	**4.3**
VOLKSWAGEN JETTA HYBRID	**C**	1.4/4	AM7	Z	1241	880	4.5	4.2	2024	**4.4**
HONDA INSIGHT EX	**C**	1.3/4	AV7	X	1161	900	4.7	4.3	2070	**4.5**
TOYOTA PRIUS v	**W**	1.8/4	AV	X	1161	900	4.3	4.8	2070	**4.5**
HONDA INSIGHT	**C**	1.3/4	AV	X	1187	920	4.7	4.4	2116	**4.6**
LEXUS CT 200h	**C**	1.8/4	AV	X	1187	920	4.5	4.8	2116	**4.6**
TOYOTA CAMRY HYBRID LE	**M**	2.5/4	AV	X	1213	940	4.5	4.9	2162	**4.7**
LEXUS ES 300h	**M**	2.5/4	AS6	X	1238	960	4.7	5.1	2208	**4.9**
TOYOTA CAMRY HYBRID XLE	**M**	2.5/4	AV	X	1264	980	4.7	5.1	2254	**4.9**
ACURA ILX HYBRID	**C**	1.5/4	AV7	Z	1382	980	5	4.8	2254	**4.9**
SCION iQ	**S**	1.3/4	AV	X	1316	1020	5.5	4.7	2346	**5.1**
HONDA CR-Z	**T**	1.5/4	AV7	X	1342	1040	5.4	5	2392	**5.2**
SMART FORTWO CABRIOLET	**T**	1.0/3	AM5	Z	1495	1060	5.8	4.7	2438	**5.3**
SMART FORTWO COUPE	**T**	1.0/3	AM5	Z	1495	1060	5.8	4.7	2438	**5.3**
VOLKSWAGEN PASSAT TDI CLEAN DIESEL	**M**	2.0/4	M6	D	1471	1140	6.8	4.4	3078	**5.7**
FIAT 500 HATCHBACK	**S**	1.4/4	M5	X	1471	1140	6.4	4.9	2622	**5.7**
VOLKSWAGEN GOLF TDI CLEAN DIESEL	**C**	2.0/4	M6	D	1496	1160	6.7	4.6	3132	**5.8**

See the Legend & References after this Table

Source Data: Natural Resources Canada ("NRC")

VOLKSWAGEN JETTA TDI CLEAN DIESEL	**C**	2.0/4	M6	D	1496	1160	6.7	4.6	3132	**5.8**
VOLKSWAGEN GOLF WAGON TDI CLEAN DIESEL	**W**	2.0/4	M6	D	1496	1160	6.7	4.6	3132	**5.8**
CHEVROLET SPARK	**S**	1.2/4	M5	X	1496	1160	6.3	5.1	2668	**5.8**
VOLKSWAGEN GOLF TDI CLEAN DIESEL	**C**	2.0/4	AS6	D	1496	1160	6.7	4.7	3132	**5.8**
VOLKSWAGEN JETTA TDI CLEAN DIESEL	**C**	2.0/4	AS6	D	1496	1160	6.7	4.7	3132	**5.8**
AUDI A3 TDI CLEAN DIESEL	**W**	2.0/4	AS6	D	1496	1160	6.7	4.7	3132	**5.8**
HONDA CR-Z	**T**	1.5/4	M6	X	1496	1160	6.4	5.1	2668	**5.8**
TOYOTA YARIS	**C**	1.5/4	M5	X	1548	1200	6.6	5.2	2760	**6.0**
VOLKSWAGEN PASSAT TDI CLEAN DIESEL	**M**	2.0/4	AS6	D	1548	1200	6.9	4.9	3240	**6.0**
FORD FIESTA SFE	**S**	1.6/4	A6	X	1548	1200	6.9	4.9	2760	**6.0**
FIAT 500 CABRIO	**S**	1.4/4	M5	X	1548	1200	6.7	5.2	2760	**6.0**
CHEVROLET CRUZE ECO	**M**	1.4/4	M6	X	1548	1200	7.2	4.6	2760	**6.0**
VOLKSWAGEN GOLF WAGON TDI CLEAN DIESEL	**W**	2.0/4	AS6	D	1548	1200	7	4.9	3240	**6.1**
MINI COOPER	**S**	1.6/4	M6	Z	1720	1220	6.8	5.2	2806	**6.1**
MINI COOPER COUPE	**T**	1.6/4	M6	Z	1720	1220	6.8	5.2	2806	**6.1**
FORD FIESTA	**S**	1.6/4	A6	X	1574	1220	6.9	5.1	2806	**6.1**
FORD FIESTA	**S**	1.6/4	M5	X	1574	1220	6.9	5.1	2806	**6.1**
VOLKSWAGEN BEETLE TDI CLEAN DIESEL	**C**	2.0/4	AS6	D	1574	1220	7	5	3294	**6.1**
MAZDA MAZDA3 DI 4-DOOR	**C**	2.0/4	AS6	X	1574	1220	7.1	4.9	2806	**6.1**
FORD FOCUS SFE FFV	**C**	2.0/4	A6	X	1574	1220	7.2	4.8	2806	**6.1**
VOLKSWAGEN BEETLE TDI CLEAN DIESEL	**C**	2.0/4	M6	D	1574	1220	7.2	4.8	3294	**6.1**
HONDA CIVIC	**C**	1.8/4	A5	X	1600	1240	7.1	5	2852	**6.2**
MAZDA MAZDA3 DI 5-DOOR	**M**	2.0/4	AS6	X	1600	1240	7.1	5	2852	**6.2**
TOYOTA YARIS	**C**	1.5/4	A4	X	1574	1220	6.7	5.5	2806	**6.2**
DODGE DART TURBO AERO	**M**	1.4/4	AM6	X	1600	1240	7.2	4.9	2852	**6.2**
KIA RIO ECO	**C**	1.6/4	AS6	X	1600	1240	6.8	5.4	2852	**6.2**
DODGE DART TURBO AERO	**M**	1.4/4	M6	X	1574	1220	7.3	4.8	2806	**6.2**
KIA RIO	**C**	1.6/4	M6	X	1574	1220	6.9	5.3	2806	**6.2**
HYUNDAI ELANTRA	**M**	1.8/4	M6	X	1625	1260	7.1	5.2	2898	**6.2**
CHEVROLET SPARK	**S**	1.2/4	A4	X	1600	1240	7.1	5.2	2852	**6.2**
MAZDA MAZDA2	**C**	1.5/4	M5	X	1625	1260	6.8	5.6	2898	**6.3**
DODGE DART TURBO	**M**	1.4/4	M6	X	1625	1260	7.4	4.9	2898	**6.3**
HYUNDAI ACCENT	**C**	1.6/4	M6	X	1625	1260	7.1	5.3	2898	**6.3**
HYUNDAI ACCENT	**C**	1.6/4	AS6	X	1625	1260	7.2	5.2	2898	**6.3**
HYUNDAI VELOSTER	**C**	1.6/4	AM6	X	1625	1260	7.2	5.2	2898	**6.3**
HYUNDAI ELANTRA	**M**	1.8/4	AS6	X	1625	1260	7.2	5.2	2898	**6.3**
HYUNDAI ELANTRA COUPE	**M**	1.8/4	M6	X	1625	1260	7.2	5.2	2898	**6.3**
CHEVROLET SONIC	**C**	1.4/4	M6	X	1625	1260	7.3	5.1	2898	**6.3**
CHEVROLET SONIC 5	**M**	1.4/4	M6	X	1625	1260	7.3	5.1	2898	**6.3**
NISSAN ALTIMA	**M**	2.5/4	AV	X	1625	1260	7.4	5	2898	**6.3**

HONDA FIT	**W**	1.5/4	A5	X	1625	1260	7.1	5.4	2898	**6.3**
LEXUS GS 450h	**M**	3.5/6	AS6	Z	1805	1280	6.5	6.2	2944	**6.4**
KIA RIO	**C**	1.6/4	AS6	X	1651	1280	7.1	5.5	2944	**6.4**
HONDA CIVIC	**C**	1.8/4	M5	X	1651	1280	7.2	5.4	2944	**6.4**
FORD FOCUS FFV	**C**	2.0/4	A6	X	1651	1280	7.5	5.1	2944	**6.4**
FORD FOCUS FFV	**C**	2.0/4	AS6	X	1651	1280	7.5	5.1	2944	**6.4**
MINI COOPER	**S**	1.6/4	A6	Z	1805	1280	7.3	5.4	2944	**6.4**
MINI COOPER COUPE	**T**	1.6/4	A6	Z	1805	1280	7.3	5.4	2944	**6.4**
DODGE DART TURBO	**M**	1.4/4	AM6	X	1677	1300	7.4	5.3	2990	**6.5**
FIAT 500 ABARTH	**S**	1.4/4	M5	X	1677	1300	7.1	5.7	2990	**6.5**
FIAT 500 HATCHBACK TURBO	**S**	1.4/4	M5	X	1677	1300	7.1	5.7	2990	**6.5**
HONDA FIT	**W**	1.5/4	M5	X	1677	1300	7.1	5.7	2990	**6.5**
MAZDA MAZDA3 DI 5-DOOR	**M**	2.0/4	M6	X	1677	1300	7.6	5.1	2990	**6.5**
MAZDA MAZDA3 DI 4-DOOR	**C**	2.0/4	M6	X	1677	1300	7.7	5	2990	**6.5**
HYUNDAI VELOSTER	**C**	1.6/4	M6	X	1677	1300	7.5	5.3	2990	**6.5**
MAZDA MAZDA2	**C**	1.5/4	A4	X	1677	1300	7.1	5.8	2990	**6.5**
CHEVROLET CRUZE ECO	**M**	1.4/4	A6	X	1677	1300	7.8	5	2990	**6.5**
HYUNDAI ELANTRA COUPE	**M**	1.8/4	AS6	X	1677	1300	7.6	5.3	2990	**6.6**
HYUNDAI ELANTRA GT	**M**	1.8/4	AS6	X	1703	1320	7.6	5.3	3036	**6.6**
TOYOTA COROLLA	**C**	1.8/4	M5	X	1703	1320	7.4	5.6	3036	**6.6**
SUBARU IMPREZA AWD	**C**	2.0/4	AV	X	1703	1320	7.5	5.5	3036	**6.6**
SUBARU IMPREZA WAGON AWD	**W**	2.0/4	AV	X	1703	1320	7.5	5.5	3036	**6.6**
CHEVROLET CRUZE	**M**	1.4/4	AS6	X	1703	1320	7.8	5.2	3036	**6.6**
CHEVROLET CRUZE	**M**	1.4/4	M6	X	1703	1320	7.8	5.2	3036	**6.6**
MINI COOPER COUNTRYMAN	**C**	1.6/4	M6	Z	1861	1320	7.4	5.7	3036	**6.6**
FIAT 500 CABRIO	**S**	1.4/4	A6	X	1729	1340	7.4	5.7	3082	**6.6**
FIAT 500 HATCHBACK	**S**	1.4/4	A6	X	1729	1340	7.4	5.7	3082	**6.6**
MINI COOPER CLUBMAN	**S**	1.6/4	M6	Z	1861	1320	7.4	5.7	3036	**6.6**
MINI COOPER CONVERTIBLE	**S**	1.6/4	M6	Z	1861	1320	7.4	5.7	3036	**6.6**
MINI COOPER ROADSTER	**T**	1.6/4	M6	Z	1861	1320	7.4	5.7	3036	**6.6**
HYUNDAI ELANTRA GT	**M**	1.8/4	M6	X	1729	1340	7.8	5.3	3082	**6.7**
MINI COOPER CLUBMAN	**S**	1.6/4	A6	Z	1889	1340	7.6	5.6	3082	**6.7**
MINI COOPER CONVERTIBLE	**S**	1.6/4	A6	Z	1889	1340	7.6	5.6	3082	**6.7**
MINI COOPER ROADSTER	**T**	1.6/4	A6	Z	1889	1340	7.6	5.6	3082	**6.7**
CHEVROLET SONIC	**C**	1.4/4	AS6	X	1729	1340	7.7	5.5	3082	**6.7**
CHEVROLET SONIC 5	**M**	1.4/4	AS6	X	1729	1340	7.7	5.5	3082	**6.7**
SCION xD	**S**	1.8/4	M5	X	1729	1340	7.4	5.9	3082	**6.7**
CHEVROLET SONIC RS	**M**	1.4/4	M6	X	1729	1340	7.5	5.8	3082	**6.7**
CHEVROLET SONIC	**C**	1.8/4	M5	X	1754	1360	7.7	5.6	3128	**6.8**
CHEVROLET SONIC 5	**M**	1.8/4	M5	X	1754	1360	7.7	5.6	3128	**6.8**
MINI COOPER S	**S**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI COOPER S CLUBMAN	**S**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**

MINI COOPER S CONVERTIBLE	**S**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI JOHN COOPER WORKS	**S**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI JOHN COOPER WORKS CLUBMAN	**S**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI JOHN COOPER WORKS CONVERTIBLE	**S**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI COOPER S COUPE	**T**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI COOPER S ROADSTER	**T**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI JOHN COOPER WORKS COUPE	**T**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
MINI JOHN COOPER WORKS ROADSTER	**T**	1.6/4	M6	Z	1918	1360	7.7	5.6	3128	**6.8**
FORD FOCUS FFV	**C**	2.0/4	M5	X	1754	1360	7.8	5.5	3128	**6.8**
HONDA ACCORD	**M**	2.4/4	AV	X	1729	1340	7.8	5.5	3082	**6.8**
HONDA ACCORD	**M**	2.4/4	AV7	X	1729	1340	7.8	5.5	3082	**6.8**
FORD FUSION	**M**	1.6/4	M6	X	1754	1360	8	5.3	3128	**6.8**
MERCEDES-BENZ B 250	**W**	2.0/4	AS7	Z	1918	1360	7.9	5.5	3128	**6.8**
SCION xD	**S**	1.8/4	A4	X	1754	1360	7.6	5.9	3128	**6.8**
CHEVROLET MALIBU ECO	**M**	2.4/4	AS6	X	1780	1380	8.1	5.3	3174	**6.8**
TOYOTA COROLLA	**C**	1.8/4	A4	X	1754	1360	7.8	5.7	3128	**6.9**
CHEVROLET TRAX	**SP**	1.4/4	M6	X	1780	1380	7.8	5.7	3174	**6.9**
MAZDA CX-5	**SP**	2.0/4	M6	X	1754	1360	7.8	5.7	3128	**6.9**
INFINITI M35h	**M**	3.5/6	AS7	Z	1946	1380	7.5	6.1	3174	**6.9**
NISSAN JUKE	**W**	1.6/4	AV	Z	1918	1360	7.5	6.1	3128	**6.9**
KIA FORTE	**M**	2.0/4	AS6	X	1780	1380	8	5.5	3174	**6.9**
DODGE DART	**M**	2.0/4	M6	X	1780	1380	8.1	5.4	3174	**6.9**
TOYOTA HIGHLANDER HYBRID 4WD	**SP**	3.5/6	AV	X	1780	1380	6.6	7.3	3174	**6.9**
LEXUS RX 450h AWD	**SP**	3.5/6	AS6	Z	1946	1380	6.7	7.2	3174	**6.9**
CHEVROLET CRUZE	**M**	1.8/4	M6	X	1780	1380	8.2	5.4	3174	**6.9**

** CFCR is calculated by the Passenger Transportation Board with data from Natural Resources Canada*

Table 7: 2013 Eco-Friendly Taxis (Category A – Any Vehicles/ Electric & Plug-In)

E — PLUG-IN HYBRID ELECTRIC

CONSTRUCTEUR / MODEL	CLASS	FUEL TYPE	MOTOR (kW)	ENGINE SIZE (L)	CYLINDERS	TRANSMISSION No. of GEARS	CONSUMPTION COMBINED kWh/100 km	CONSUMPTION COMBINED L/100 km	CONSUMPTION COMBINED L_e/100 km	CONSUMPTION L/100 km CITY / VILLE	CONSUMPTION L/100 km HIGHWAY / ROUTE	$ PER YEAR / PAR AN	CONSUMPTION kWh FUEL / YEAR	CONSUMPTION Litres FUEL / YEAR	CO_2 EMISSIONS (kg) / YEAR	RANGE (km))	RECHARGE TIME (h)
CHEVROLET																	
VOLT *	C	B	111	–	–	AV	21.4	–	2.4	–	–	514	4280	–	0	61	4
	C	Z	–	1.4	4	AV	–	6.4	–	6.7	5.9	1805	–	1280	2944	550	–
FORD																	
C-MAX ENERGI	M	B/X	68	2.0	4	AV	16.8	0.0	1.9	–	–	403	3360	0	0	43	2.5
	M	X	–	2.0	4	AV	–	4.5	–	4.3	4.7	1161	–	900	2070	1178	–
FUSION ENERGI	M	B/X	68	2.0	4	AV	16.8	0.0	1.9	-	-	403	3360	0	0	43	2.5
	M	X	–	2.0	4	AV	–	4.5	–	4.3	4.7	1161	–	900	2070	1178	–
TOYOTA																	
PRIUS PLUG-IN	M	B/X	60	1.8	4	AV	14.4	0.4	2.0	–	–	449	2880	80	184	22	1.5
	M	X	–	1.8	4	AV	–	3.8	–	3.7	4.0	980	–	760	1748	1039	–

* 5-cycle testing values (see page 3)
L_e is gasoline litre equivalent. One litre of gasoline contains the energy equivalent of 8.9 kWh

* valeurs d'essais à cinq cycles (voir page 4)
L_e signifie litre équivalent d'essence. Un litre d'essence contient l'équivalent en énergie de 8,9 kWh

E1 E2

F — ELECTRIC

MANUFACTURER / MODEL	CLASS	MOTOR (kW)	FUEL TYPE	TRANSMISSION No. of GEARS	CONSUMPTION kWh/100 km CITY	CONSUMPTION kWh/100 km HIGHWAY	CONSUMPTION kWh/100 km COMBINED	CONSUMPTION L_e/100 km CITY	CONSUMPTION L_e/100 km HIGHWAY	CONSUMPTION L_e/100 km COMBINED	$ PER YEAR	CONSUMPTION kWh FUEL / YEAR	CO_2 EMISSIONS (kg) / YEAR	RANGE (km)	RECHARGE TIME (h)
FORD															
FOCUS ELECTRIC	C	107	B	A1	15.1	17.8	16.0	1.7	2.0	1.8	384	3200	0	153	4
MITSUBISHI															
i-MiEV *	S	49	B	A1	16.8	21.1	18.7	1.9	2.4	2.1	449	3740	0	100	7
NISSAN															
LEAF *	M	80	B	A1	19.3	23.0	21.1	2.2	2.6	2.4	506	4220	0	117	7
SMART															
FORTWO ELECTRIC DRIVE CABRIOLET	T	35	B	A1	13.4	18.5	15.7	1.5	2.1	1.8	377	3140	0	138	8
FORTWO ELECTRIC DRIVE COUPE	T	35	B	A1	13.4	18.5	15.7	1.5	2.1	1.8	377	3140	0	138	8
TESLA															
MODEL S (60 kWh battery) *	L	270	B	A1	22.2	21.7	21.9	2.5	2.4	2.5	526	4380	0	335	10
MODEL S (85 kWh battery) *	L	270	B	A1	23.9	23.2	23.6	2.7	2.6	2.6	566	4720	0	426	12
MODEL S PERFORMANCE *	L	310	B	A1	23.9	23.2	23.6	2.7	2.6	2.6	566	4720	0	426	12

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FOR CONTINUOUSLY UPDATED FIGURES VISIT OUR WEB SITE: **vehicles.nrcan.gc.ca.** ▲ ▼ POUR LES CHIFFRES LES PLUS À JOUR, VEUILLEZ CONSULTER NOTRE SITE WEB À : **vehicules.rncan.gc.ca.**

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Table 8: 2013 Eco-Friendly Taxis (Category B)

Category B -- Full Size Vehicles & SUVs (2012)
up to 8.0 litres per 100 km

SP = Sport Utility Vehicle (SUV) or Special Purpose Vehicle; L = Full Size Vehicle

Make & Model	Class	Engine Size (litres) & Cylindars	# Gears (Transmission)	Fuel Type	Fuel $ Per Year (NRC Est.)	Litres per Year (NRC Est.)	City (Litres per 100 km)	Highway (Litres per 100 km)	CO2 Kg Per Year	CFCR
See the Legend & References after this Table										
Source Data: Natural Resources Canada ("NRC")										
FORD C-MAX HYBRID	**L**	2.0/4	AV	X	1058	820	4	4.1	1886	**4.0**
CHEVROLET TRAX	**SP**	1.4/4	M6	X	1780	1380	7.8	5.7	3174	**6.9**
MAZDA CX-5	**SP**	2.0/4	M6	X	1754	1360	7.8	5.7	3128	**6.9**
TOYOTA HIGHLANDER HYBRID 4WD	**SP**	3.5/6	AV	X	1780	1380	6.6	7.3	3174	**6.9**
LEXUS RX 450h AWD	**SP**	3.5/6	AS6	Z	1946	1380	6.7	7.2	3174	**6.9**
MAZDA CX-5	**SP**	2.0/4	AS6	X	1806	1400	7.7	6.1	3220	**7.0**
CHEVROLET TRAX	**SP**	1.4/4	AS6	X	1832	1420	8.1	5.9	3266	**7.1**
MITSUBISHI RVR	**SP**	2.0/4	AV6	X	1858	1440	8.1	6.1	3312	**7.2**
BUICK ENCORE	**SP**	1.4/4	AS6	X	1858	1440	8.2	6	3312	**7.2**
SUBARU XV CROSSTREK AWD	**SP**	2.0/4	AV	X	1858	1440	8.2	6	3312	**7.2**
MAZDA CX-5 4WD	**SP**	2.0/4	AS6	X	1883	1460	8	6.4	3358	**7.3**
HYUNDAI SONATA	**L**	2.4/4	AS6	X	1883	1460	8.7	5.6	3358	**7.3**
MITSUBISHI RVR	**SP**	2.0/4	M5	X	1961	1520	8.6	6.4	3496	**7.6**
BMW X1 xDRIVE28i	**SP**	2.0/4	A8	Z	2171	1540	9	6	3542	**7.7**
SUBARU OUTBACK AWD	**SP**	2.5/4	AV	X	1987	1540	8.6	6.5	3542	**7.7**
TOYOTA RAV4	**SP**	2.5/4	AS6	X	1987	1540	8.7	6.4	3542	**7.7**
HYUNDAI SONATA	**L**	2.0/4	AS6	X	1987	1540	9.2	5.8	3542	**7.7**
MITSUBISHI RVR 4WD	**SP**	2.0/4	AV6	X	1987	1540	8.5	6.7	3542	**7.7**
FORD ESCAPE	**SP**	1.6/4	AS6	X	1987	1540	9.1	6	3542	**7.7**
CHEVROLET TRAX AWD	**SP**	1.4/4	AS6	X	1987	1540	8.7	6.5	3542	**7.7**
PORSCHE PANAMERA S HYBRID	**L**	3.0/6	A8	Z	2200	1560	8.6	6.8	3588	**7.8**
CHEVROLET EQUINOX	**SP**	2.4/4	A6	X	2012	1560	9.2	6.1	3588	**7.8**
GMC TERRAIN	**SP**	2.4/4	A6	X	2012	1560	9.2	6.1	3588	**7.8**
HONDA CR-V	**SP**	2.4/4	A5	X	2012	1560	9	6.4	3588	**7.8**
AUDI Q5 HYBRID	**SP**	2.0/4	AS8	Z	2200	1560	8.6	6.9	3588	**7.8**

FORD TAURUS	**L**	2.0/4	AS6	X	2038	1580	9.2	6.2	3634	**7.9**
JEEP COMPASS	**SP**	2.0/4	M5	X	2038	1580	8.9	6.6	3634	**7.9**
JEEP PATRIOT	**SP**	2.0/4	M5	X	2038	1580	8.9	6.6	3634	**7.9**
BUICK ENCORE AWD	**SP**	1.4/4	AS6	X	2038	1580	8.9	6.7	3634	**7.9**
SUBARU XV CROSSTREK AWD	**SP**	2.0/4	M5	X	2038	1580	8.9	6.7	3634	**7.9**
FORD ESCAPE AWD	**SP**	1.6/4	AS6	X	2064	1600	9.2	6.6	3680	**8.0**
HONDA CR-V AWD	**SP**	2.4/4	A5	X	2090	1620	9.2	6.6	3726	**8.0**

** CFCR is calculated by the Passenger Transportation Board with data from Natural Resources Canada*

Table 9: 2013 Eco-Friendly Taxis (Category C)

Category C -- Vans (2013)
up to 10.1 litres per 100 km

V = minivan; F = full van

Make & Model	Class	Engine Size (litres) & Cylindars	# Gears (Transmission)	Fuel Type	Fuel $ Per Year (NRC Est.)	Litres per Year (NRC Est.)	City (Litres per 100 km)	Highway (Litres per 100 km)	CO2 Kg Per Year	CFCR
MAZDA MAZDA5	V	2.5/4	AS5	X	2116	1640	9.5	6.7	3772	8.2
MAZDA MAZDA5	V	2.5/4	M6	X	2167	1680	9.7	6.8	3864	8.4
TOYOTA SIENNA	V	2.7/4	AS6	X	2348	1820	10.4	7.5	4186	9.1
HONDA ODYSSEY TOURING	V	3.5/6	A6	X	2374	1840	10.9	7.1	4232	9.2
HONDA ODYSSEY	V	3.5/6	A5	X	2503	1940	11.7	7.2	4462	9.7
TOYOTA SIENNA	V	3.5/6	AS6	X	2528	1960	11.4	7.9	4508	9.8

See the Legend & References after this Table

Source Data: Natural Resources Canada ("NRC")

** CFCR is calculated by the Passenger Transportation Board with data from Natural Resources Canada*

Table 10: Legend

Legend for 2013 Vehicle Lists

CLASS

C = compact
F = large van
L = full size
M = mid size
PU = pick up
S = subcompact
SP = special purpose vehicle or SUV
T = two seater
V = van
W = station wagon

FUEL TYPE

D = diesel
B = electricity
D = diesel
Z = premium unleaded gasoline
E = ethanol (E85 = 85% ethanol blended with gasoline)
X = regular unleaded gasoline

Transmission

A = automatic
(1, 4,5,6, 7, 8) = number of gears
E = electronic automatic
M = manual
S = Automatic with a manual mode
V = continuously variable
X = manual with automatic clutch
E = electronic overdrive
+ = other overdrive

More Info

Natural Resources Canada: Understanding the Tables