

## First DOE-Auto LPG Fuel Economy Run (Final Run) - December 18, 2007

TAXI OPERATOR/ADDRESS	DRIVER'S NAME	FUEL ECONOMY RATING (KM/LTR.)	CAR MAKE /MODEL	PLATE NO.
CRC Transport	Noel G. Bernardo	18.6	TOYOTA COROLLA	TWT-209
CASHMAN TRANSPORT	Diosdado Siobal	18.18	TOYOTA COROLLA	TWY-936
CASHMAN TRANSPORT	Nomer L Carrascal	16.36	NISSAN SENTRA	TXJ-699
JTI TRANSPORT	Richard K. Celis	15.40	TOYOTA COROLLA	TXL-373
R. VILLEGAS TAXI	Rodel E. Barredo	12.73	TOYOTA COROLLA	TXG-587
R. VILLEGAS TAXI	Tito Quidangen	12.13	TOYOTA COROLLA	TXK- 244
CASHMAN TRANSPORT	Peter Garduque	12.04	NISSAN SENTRA	TXF-770
R. VILLEGAS TAXI	Romil Furog	11.92	TOYOTA COROLLA	TXG-789
CASHMAN TRANSPORT	Edwin M. Areglo	11.78	NISSAN SENTRA	TXJ-990
CASHMAN TRANSPORT	Michael B. Bobier	11.66	NISSAN SENTRA	TXJ-970
CRC Transport	Marlon Precillas	11.29	TOYOTA COROLLA	PXS-894
CASHMAN TRANSPORT	Joel T. Caloyloy	10.67	NISSAN SENTRA	TXJ-689

# DOE FUEL ECONOMY RUN RESULTS

## ASIAN UTILITY VEHICLE (November 10, 2002)

Unit/Model	Fuel	Transmission	Fuel Efficiency Rating (km/l)*
HONDA CRV, 2.0 L	Gasoline	Automatic	9.587
HONDA CRV, 2.0 L	Gasoline	Manual	13.422
ISUZU CROSSWIND XT, 2.5L	Diesel	Manual	17.122
ISUZU CROSSWIND XT, 2.5L	Diesel	Manual	19.198
MITSUBISHI ADVENTURE	Diesel	Manual	17.509
TOYOTA REVO	Diesel	Manual	16.504

## PASSENGER CAR (April 27, 2003)

Unit/Model	Engine Displacement	Transmission	Fuel Efficiency Rating (km/l)*
HONDA Civic Vti	1600	Manual	18.21
Kia Rio LS HB	1493	Manual	16.48
Kia Rio RS Sedan	1343	Manual	16.75
Mitsubishi Lancer GLS	1584	Manual	16.73
Nissan Cefiro VIP Brougham	1995	Automatic	11.86
Nissan Sentra GX	1300	Manual	18.84
Toyota Corolla Altis	1598	Manual	27.36
Toyota Prius	1497	Automatic	21.25
Volvo S40	1948	Automatic	14.43
Volvo S60	1948	Automatic	12.66

## PASSENGER JEEPNEY (July 13, 2003)

### A. Seven-Seater Category

Engine Make	Tank Capacity (l)	Fuel Efficiency Rating (km/l)
Izusu	30	19.268
FUSO-Jitney	40	16.611
Izusu	55	12.579

### B. Nine-Seater Category

Engine Make	Tank Capacity (l)	Fuel Efficiency Rating (km/l)
4BC2	-	14.286
Izusu 50	35	12.469
Izusu	40	12.063

\* kilometer per liter

# DOE FUEL ECONOMY RUN RESULTS

## PASSENGER AND LIGHT DUTY VEHICLE (February 28,2004)

### A. Gasoline-Fueled Vehicles

Make/Model	Engine Displacement (cc)**	Transmission	Fuel Efficiency Rating (km/l)*
<b>Passenger Car</b>			
Toyota Vios	1496	Automatic	22.445
HONDA City	1300	Automatic	15.143
NISSAN Sentra	1769	Automatic	14.143
VOLVO S80	1984	Automatic/Manual	13.524
Toyota Vios	1298	Manual	20.435
HONDA Civic	1600	Manual	17.327
KIA Rio	1493	Manual	16.543
HONDA City	1300	Manual	16.134
<b>SUV</b>			
Nissan X-Trail	2500	Automatic	12.012
Nissan X-Trail	2000	Automatic	11.396
VOLVO XC 70	2435	Automatic/Manual	10.796
KIA Sorento	3497	Automatic	8.294

### B. Diesel-Fueled Vehicles

Make/Model	Engine Displacement (cc)**	Transmission	Fuel Efficiency Rating (km/l)*
<b>Passenger Car</b>			
BMW 530D	2993	Automatic/Manual	21.237
<b>AUV</b>			
ISUZU Crosswind	2500	Manual	19.578
<b>SUV</b>			
BMW X5	2993	Automatic/Manual	12.201
MITSUBISHI Pajero	3200	Automatic	11.958
NISSAN Patrol	2953	Manual	11.396
<b>Pick-up</b>			
ISUZU D-Max	2999	Manual	16.647
NISSAN Frontier	2664	Manual	14.966
MITSUBISHI Endeavor	2477	Manual	14.625
MITSUBISHI Strada	2477	Manual	13.689
<b>VAN</b>			
KIA Sedona	2902	Manual	13.214

\* kilometer per liter

\*\* cubic centimeters

# DOE FUEL ECONOMY RUN RESULTS

## FUEL ECONOMY RUN IN METRO CEBU (APRIL 17, 2004)

### A. Taxi Category

Engine Make/Model	Fuel	Transmission	Fuel Efficiency Rating (km/l)
TOYOTA Corolla	Gasoline	Manual	23.191
NISSAN Sentra	Gasoline	Manual	22.338
NISSAN Sentra	Gasoline	Manual	21.772

### B. Multicab Category

Engine Make/Model	Fuel	Transmission	Fuel Efficiency Rating (km/l)
SUZUKI	Gas	Manual	19.111
SUZUKI	Gas	Manual	17.058

### C. Jeepney Category

Engine Make/Model	Fuel	Transmission	Fuel Efficiency Rating (km/l)
ISUZU	Diesel	Manual	14.957
ISUZU	Diesel	Manual	14.722
NISSAN	Diesel	Manual	13.385

## FUEL ECONOMY RUN IN SOUTHERN MINDANAO (SEPT 17, 2004)

### A. Category 1: Less than 1.5 L

Make/Model	Fuel Efficiency Rating (km/l)
TOYOTA Vios (1.3) / 2004	25.12
TOYOTA Vios (1.3)	23.42
HONDA City (1.3) / 2003	20.52
HONDA City (1.3)	19.83
KIA Pride (1.1) / CD5	18.03
KIA Rio (1.3) / 2004	17.01
HONDA City (1.3) / 2003	16.21
NISSAN Exalta (1.3) / 2000	14.61
NISSAN Sentra	14.11

# DOE FUEL ECONOMY RUN RESULTS

## B. Category 2: 1.5 L - 1.6 L

<b>Make/Model</b>	<b>Fuel Efficiency Rating (km/l)</b>
TOYOTA Vios (1.5)	20.67
TOYOTA Vios (1.5)	18.79
HONDA City (1.5)	16.54
HONDA City (1.5)	14.66
TOYOTA Altis (1.6)	14.45
KIA Rio (1.5) / 2002	14.2

## C. Category 2; 1.8L and above

<b>Make/Model</b>	<b>Fuel Efficiency Rating (km/l)</b>
TOYOTA Altis (1.8) / 2003	19.47
HYUNDAI Coupe (2.0)/2000	12.09

# DOE FUEL ECONOMY RUN RESULTS

May 13, 2006

ENTRY #	AUV MODEL/TYPE	DISPLACEMENT liter	TRANSMISSION	TYPE OF FUEL	FUEL CONSUMPTION, LITERS	STANDARD DISTANCE (KM)	FUEL EFFICIENCY
1	Mitsubishi Galant	2.4 L	Sportronic A/T	GASOLINE	12.80	163.3	12.76
2	Mitsubishi Grandis	2.4 L	Sportronic A/T	GASOLINE	14.62	163.3	11.17
3	Toyota Vios	1.3 L	M/T	GASOLINE	7.37	163.3	<b>22.16</b>
4	Toyota Altis	1.6 L	M/T	GASOLINE	9.80	163.3	16.66
5	Volvo all new S40	2.4 L	GEARTRONIC	GASOLINE	14.26	163.3	11.45
6	Volvo XC90	2.5 L	GEARTRONIC	GASOLINE	16.92	163.3	9.65
7	Honda City	1.5 L	A/T	GASOLINE	8.97	163.3	18.21
8	Honda City	1.3 L	A/T	GASOLINE	9.33	163.3	17.50
9	Honda Civic	1.8 L	A/T	GASOLINE	14.34	163.3	11.39
10	KIA Rio	1.4 L	M/T	GASOLINE	10.43	163.3	15.66
11	KIA Picanto	1.1 L	M/T	GASOLINE	7.85	163.3	<b>20.80</b>
12	TOYOTA INNOVA	2.5 L	M/T	DIESEL	9.87	163.3	16.55
13	ISUZU D-MAX	2.0 L	M/T	DIESEL	11.47	163.3	14.24
14	ISUZU CROSSWIND	2.5 L	M/T	DIESEL	10.11	163.3	16.15
15	ISUZU ALTEERRA	3.0 L	A/T	DIESEL	13.77	163.3	11.86
16	MITSUBISHI MONTERO	2.8 L	A/T	DIESEL	14.54	163.3	11.23
17	HYUNDAI ACCENT	1.5 L	M/T	DIESEL	8.59	163.3	19.01
18	HYUNDAI GETZ	1.5 L	M/T	DIESEL	8.51	163.3	19.19
19	BMW 730 Ld	2993 cc	Steptronic A/T	DIESEL	13.89	163.3	11.76
20	BMW 520 d	1995 cc	Steptronic A/T	DIESEL	7.75	163.3	<b>21.07</b>
21	BMW X3 2.0 d / SAV	1995 cc	M/T	DIESEL	11.58	163.3	14.10

# DOE FUEL ECONOMY RUN RESULTS

May 13, 2006

ENTRY #	AUV MODEL/TYPE	DISPLACEMENT liter	TRANSMISSION	TYPE OF FUEL	FUEL CONSUMPTION, LITERS	STANDARD DISTANCE (KM)	FUEL EFFICIENCY
22	BMW X5 3.0 d / SAV	2993 cc	Steptronic A/T	DIESEL	19.5	163.3	8.37
23	KIA Sorento CRDi	2.5 L	A/T	DIESEL	14.08	163.3	11.60
22	BMW X5 3.0 d / SAV	2993 cc	Steptronic A/T	DIESEL	19.5	163.3	8.37
23	KIA Sorento CRDi	2.5 L	A/T	DIESEL	14.08	163.3	11.60

**1st DOE -FLYING V BIODIESEL FUEL ECONOMY RUN - DECEMBER 9, 2006  
GOVERNMENT, PASSENGER JEEPNEY AND MEGA TAXI**

ENTRY NUMBER/AGENCY	VEHICLE TYPE	ENGINE MAKE/ DISPLACEMENT	Fuel Efficiency Rating (km/l)*
1 - MMDA - GOVT	KIA PASSENGER VAN	2.7	12.17
2 - LBP - GOVT.	FORD EVEREST	2.5	9.58
3- DILG - DISQUALIFIED			
4 - DA - GOV'T	ISUZU PICK-UP	2.8	14.61
5 - DBP - GOV'T	MITSUBISHI L-200 PICK-UP	2.5	12.46
6 - DSWD - GOV'T	FORD RANGER PICK-UP	2.7	12.05
7 - LWUA - GOV'T	ISUZU HIGHLANDER	2.5	13.63
8 - SSS - GOV'T	MITSUBISHI ADVENTURE	2.5	14.4
9 - DPWH - GOV'T	MITSUBISHI L200 4X4 PICK-UP	2.4	12.68
10 - PCA - GOV'T	MAZDA 4X4	2.5	12.65
11 - CFXAUVODAI - MEGA TX	ISUZU HIGHLANDER	2.5	18.77
12 - CFXAUVODAI - MEGA TX	TOYOTA TAMARAW	2	16.76
13 - KKPI	REVO	GUEST	8.88
14 - *SMOQCKJODA -JEEP	ISUZU	4BC2	16.28
15 - *BUHAY MANIBELA - JEEP	ISUZU	4BA1	10.59
16 - *SMBASIJODA - JEEPNEY	ISUZU	4BE1	24.49
17 - *TUBODA	ISUZU	C240	16.21
18 - *UPTOP	ISUZU	C240	13.76
19 - *GUAFTIODAI O	ISUZU	4BC2	14.54
20 - *GUAFTIODAI	ISUZU	4BC2	11.32

**STANDARD DISTANCE = 132KM**

*CFXAUVODAI	Confederation of FX/AUV Operators and Drivers Assn. Inc.
*SMOQCKJODA	SM Operators Quirino Regalado Cubao Kalayaan Jeepney Operator Driver Assn. Inc.
*SMBASIJODA	SM Bagong Silang Jeepney Operator Drivers Assn.
*TUBODA	Tulay-Boni Operator Drivers Assn.
*UPTOP	United Patriotic Transport of the Phil.
*GUAFTIODAI O	Guadalupe -FTI Operator Drivers Assn.