

The Relative Cost of a Toyota Camry in Malaysia

Country	Gross National Income (GNI) per capita, (current US\$) 2010 (1)	Cost of Toyota Camry (2, 3)			Cost of Toyota Camry as Multiple of GNI per capita	Relative multiple
		RM	Exchange rate (4)	US \$		
Malaysia	7,760	174,990	3.10	56,448	7.27	13.90
United States	47,240	-	-	24,725	0.52	-

Interpretation:

A Toyota Camry costs 7.27 times the average annual income in Malaysia.
 The same car costs 0.52 times the average annual income in the United States.
 If the Camry sold at 7.27 times average annual income in the U.S., it would cost \$343,636!
 At \$56,448 in Malaysia versus \$24,725 in the U.S., the Camry is already 2.3 times more expensive in Malaysia in absolute terms.
 However, in proportion to what people earn, the car is almost 14 times more expensive in Malaysia.
 Not to mention that cars are usually bought at a discount off MSRP in the U.S. Only Al Bundy pays list price. Go figure.

Definitions:

GNI per capita Investorwords.com defines GNI as the total income for a country computed by taking the value of goods and services and adding that to all other monies received excluding net taxes.
 The World Bank's definition of GNI per capita (formerly GNP per capita) is the gross national income, converted to U.S. dollars using the World Bank Atlas method, divided by the midyear population.
 Colloquially known as "per capita income" ~ average annual income per person

Multiple of GNI per capita How many times the per capita income does a Toyota Camry cost in each country?

Relative multiple In proportion the the per capita income, how many times more expensive is a Toyota Camry in Malaysia than in the U.S.?

Notes:

- Data Sources, all accessed via the www on October 28, 2011:
- 1 GNI Statistics: The World Bank, <http://data.worldbank.org/country/malaysia>; <http://data.worldbank.org/country/united-states>
 - 2 Camry 2.4V model, 2.4 L engine, automatic, 2011 year
 Cost of car in Malaysia: Malaysia Best Car Price List, last updated on 04-06-2011, <http://www.cardirect.com.my/New-Car-Price-P-V.html>
 - 3 Camry XLE model (highest trim level), 2.5 L engine, automatic, 2012 year
 Cost of car in USA: Toyota Motor Sales, U.S.A. web site, manufacturer's suggested retail price (MSRP), <http://www.toyota.com/camry/trims-prices.html>
 - 4 Exchange rate: <http://www.oanda.com/currency/converter/>