



**State of Palestine
Palestinian Central Bureau of Statistics**

**Energy Consumption in Transport Survey 2014
Main Results**

October, 2015

PAGE NUMBERS OF ENGLISH TEXT ARE PRINTED IN SQUARE BRACKETS.
TABLES ARE PRINTED IN THE ARABIC ORDER (FROM RIGHT TO LEFT)

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Citation:

Palestinian Central Bureau of Statistics, 2015. *Energy Consumption in Transport Survey 2014: Main Results.* Ramallah - Palestine.

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Acknowledgments

The Palestinian Central Bureau of Statistics (PCBS) extends its deep appreciation to all Palestinian drivers who contributed to the success of collecting the survey data and to all workers in the survey for their dedication and commitment.

The survey of Energy Consumption in Transport Survey in Palestine 2014 was planned and conducted by a technical team from PCBS And technical assistance from ESCWA with joint funding from the State of Palestine and the Islamic Development Bank under the supervision of ESCWA.

Moreover, PCBS very much appreciates the distinctive efforts of ESCWA and the Islamic Development Bank for their valuable contribution to technical assistance and funding this survey.

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Introduction

Most countries collect official statistics on energy use due to its vital role in the infrastructure, economy and living standards.

In Palestine, additional attention is warranted for energy statistics due to a scarcity of natural resources, the high cost of energy and high population density. These factors demand comprehensive and high quality statistics.

In this contest PCBS decided to conduct a special Energy Consumption in Transport Survey to provide high quality data about energy consumption by type, expenditure on maintenance and insurance for vehicles, and questions on vehicles motor capacity and year of production.

The survey aimed to provide data on energy consumption by transport sector and also on the energy consumption by the type of vehicles and its motor capacity and year of production.

The report of the Energy Consumption in Transport Survey 2014 comprises three chapters: the first chapter briefly describes the main findings; the second chapter presents the methodology used in the survey, including the questionnaire design, sampling design, field work operations, data processing, data quality and technical notes; while the third chapter describes the concepts and definitions.

PCBS hopes that the results of this survey will contribute towards providing the data required to develop the energy transport sector and to save and raise the efficiency of energy consumption in this sector as well as filling gaps in energy statistics and providing useful data for decision makers, researchers and other users.

October 2015

**Ola Awad
President of PCBS**

Chapter One

Main Findings

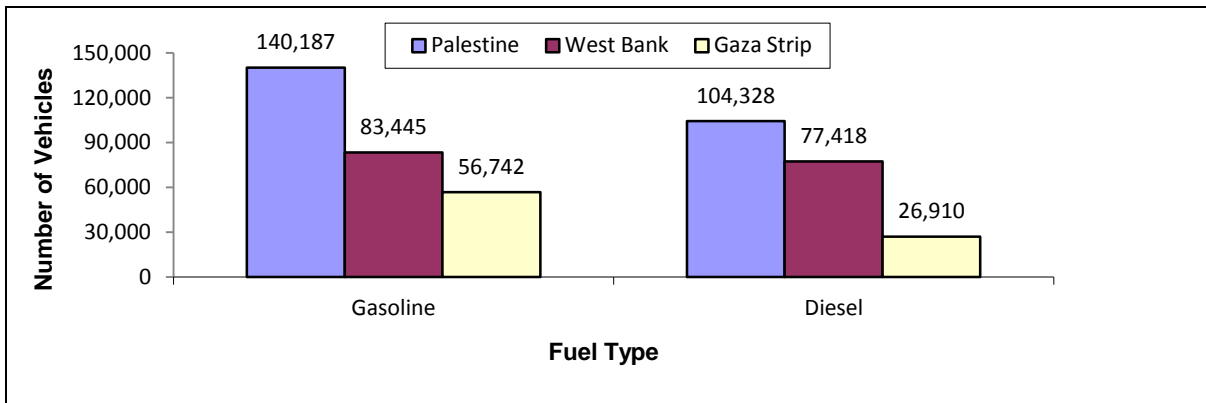
This chapter presents the main findings of the Energy Consumption in the Transport Survey, 2014. These results are divided into four sections: the first section introduces the number of Vehicles; the second section covers results related to the energy consumption in this sector; the third section presents the energy efficiency in transport sector and finally; the fourth section presents Insurance and Maintenance on vehicles.

1.1 Number of Vehicles

The results of the survey indicated that the number of vehicles in Palestine reached 244,515 vehicles, of which 160,863 vehicles in West Bank and 83,652 vehicles in Gaza Strip.

The results of the survey indicated that the number of vehicles that used gasoline in Palestine reached 140,187 compared to 104,328 vehicles used diesel fuel in 2014.

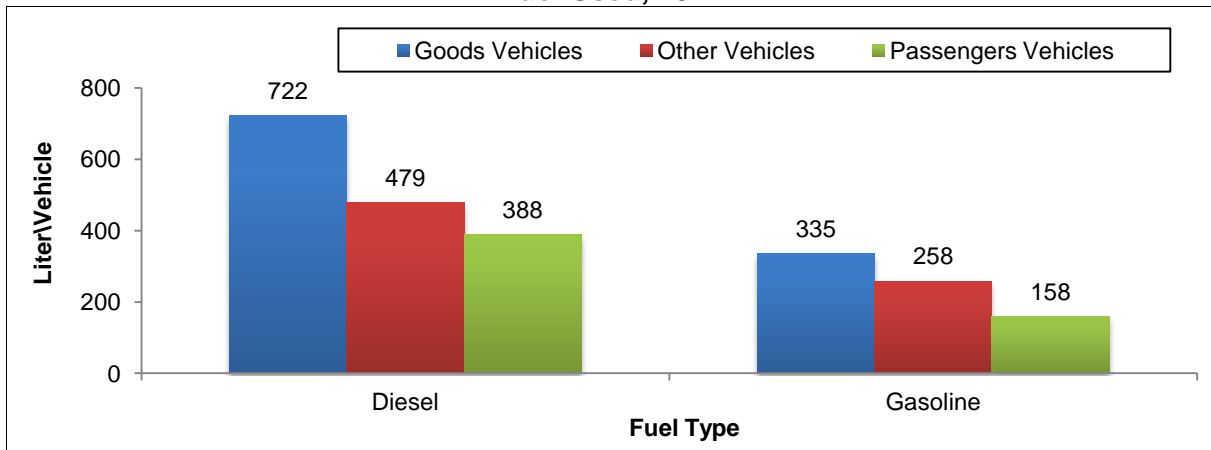
The Number of Registered Vehicles by the Type Used of Fuel and Region, 2014



1.2 Energy Consumption in Transport Sector

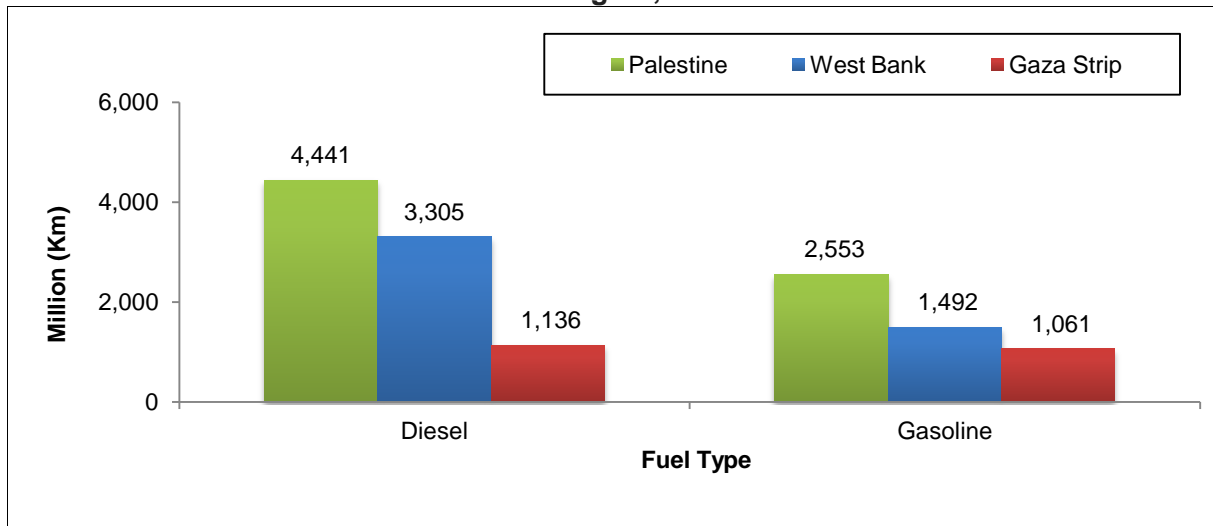
The main results of the survey indicated that the monthly average consumption of the passenger vehicles that use gasoline reached 158 liters, while it reached 335 liters for the goods vehicles, and 258 liters for the other vehicles, and it reached 388 liters for the passenger vehicles that use diesel, 722 liters for the goods vehicles, and 479 liters of diesel for the other vehicles.

The Average Monthly Quantity of Consumed Fuel in Liters by the Type of Vehicle and Fuel Used, 2014



The results of the survey showed that the total number of km traveled in Palestine in 2014 for all transport vehicles about 6,995 million km, were distributed to 4,797 million km in the West Bank, and 2,198 million km in Gaza Strip. And the distribution of the number of kilometers traveled by type of fuel used, the gasoline vehicles traveled about 2,553 million km, compared with 4,441 million km for diesel vehicles.

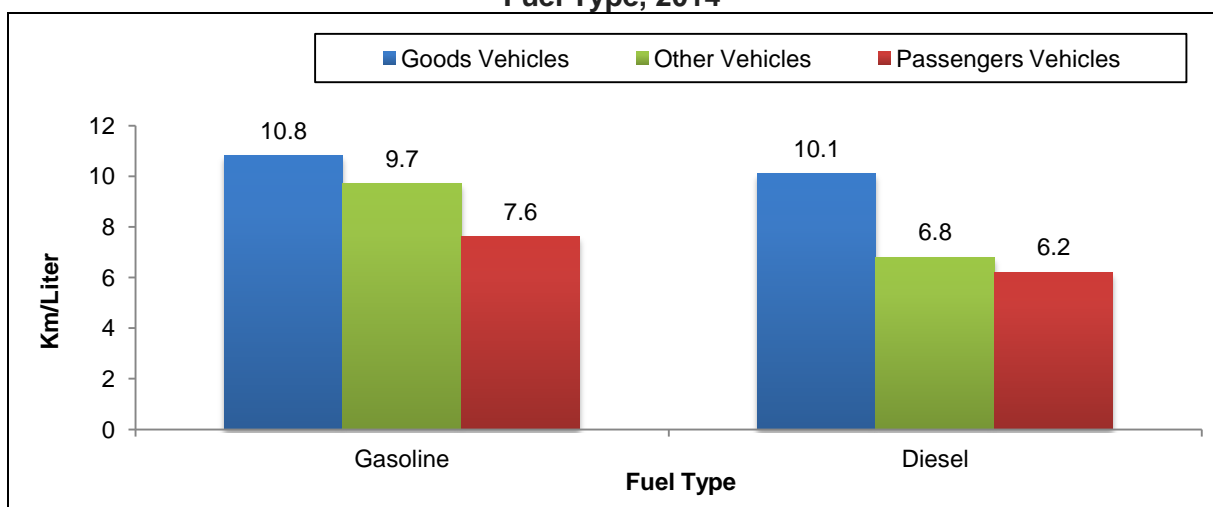
Total Number of Kilometers Traveled (Million Km) in Palestine by Fuel Type and Region, 2014



1.3 Energy Efficiency in Transport Sector

The results of this survey indicated that the average number of kilometers travelled in Palestine by the passenger gasoline vehicles reached 10.8 Km/Liter, 7.6 Km/Liter for the goods gasoline vehicles, and 9.7 Km/Liter for the other gasoline vehicles, while for diesel vehicles it reached 10.1 Km/Liter for passenger vehicles, 6.2 Km/Liter for the Goods vehicles and 6.8 Km/Liter for the other diesel vehicles.

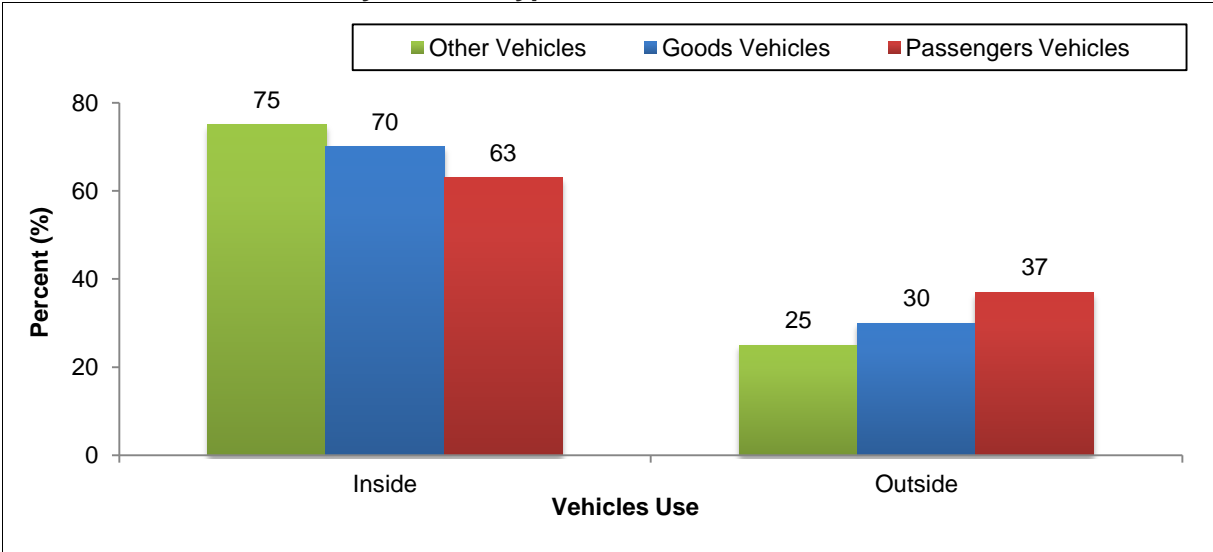
The Average Number of Kilometers Traveled Per Liter by the Type of Vehicle and Fuel Type, 2014



The results of the survey indicated that the passenger vehicles were used 70% inside the locality and 30% outside the locality. The results also showed also that the goods vehicles

were used 63% inside the locality and 37% outside the locality. The results also indicated that the other vehicles were used 75% inside the locality and 25% outside the locality.

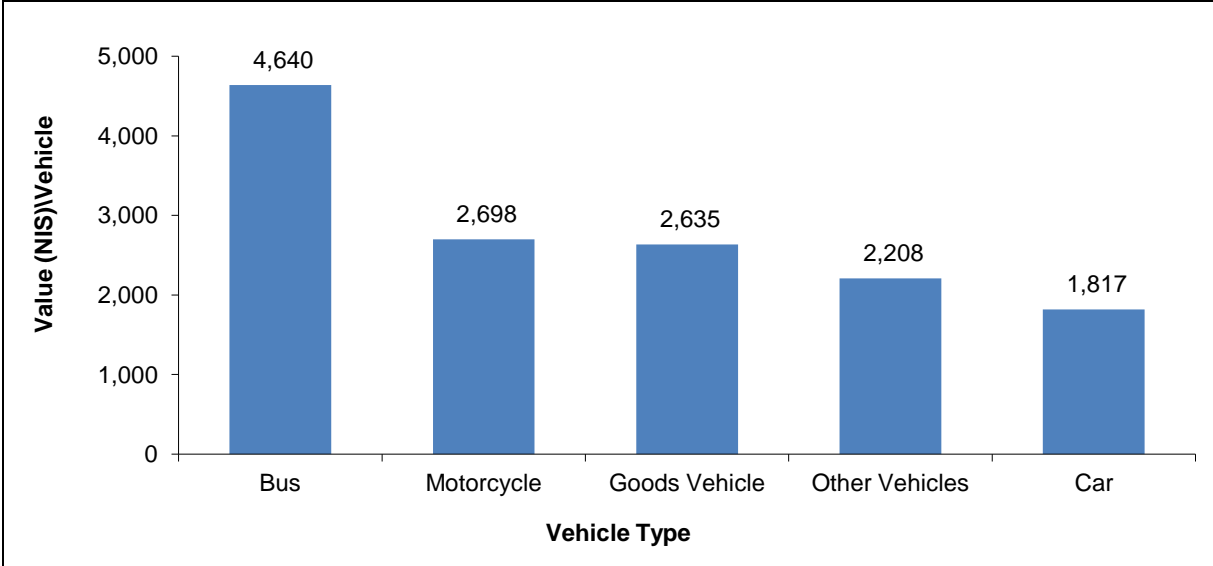
The Percentage of the Use of the Vehicle Inside and Outside the Locality by Vehicle Type and Vehicle Use, 2014



1.4 Insurance and Maintenance on Vehicles

The results of the survey indicated that the average annual insurance of the vehicles in Palestine in year 2014 reached 4,640 (NIS) for buses, 2,698 (NIS) for motorcycles (1,283 (NIS) in the West Bank compared to 2,758 (NIS) in Gaza Strip), 2,635 (NIS) for goods vehicles, 2,208 (NIS) for other vehicles and 1,817 (NIS) for cars (2,043 (NIS) in the West Bank compared to 1,225 (NIS) in Gaza Strip).

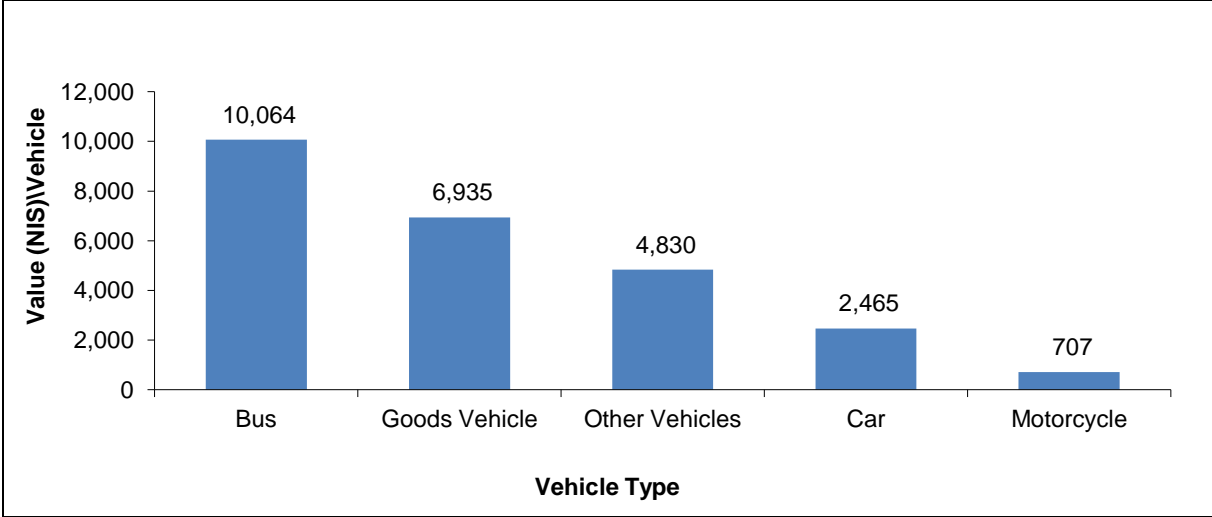
Average Annual Insurance Value (NIS) of Vehicles by the Vehicle Type, 2014



The results of the survey showed that 167,959 cars conducted maintenance in Palestine and that the average annual maintenance value of the car was 2,465 (NIS), 21,267 motorcycle conducted maintenance, and the average annual maintenance value of the motorcycle was 707 (NIS), 1,989 buses conducted maintenance, and the average annual maintenance value of the

bus was 10,064 (NIS), 37,503 goods vehicles conducted maintenance and the average annual maintenance value of the goods vehicle was 6,935 (NIS), and 2,757 from other vehicles conducted maintenance, and the average annual maintenance value of the other vehicle was 4,830 (NIS) during the year 2014.

Average Annual Maintenance Value (NIS) of Vehicles which Conducted the Maintenance Process by the Vehicle Type, 2014



Chapter Two

Methodology and Data Quality

This section documents the methodology used to conduct the survey on energy consumption in transport sector, including the design of the survey's instruments, data collection, data processing and data tabulation. It also describes data quality procedures from the start of preparations to the launch of the survey and data dissemination.

2.1 Questionnaire

The design of the questionnaire was based on the experiences of other similar countries in energy statistics subject to cover the most important indicators for energy statistics in transport sector, taking into account Palestine's particular situation.

Target Population:

All the operating vehicles in Palestine in 2014.

2.2 Sample Frame

A list of the number of the operating vehicles in Palestine in 2014, they are broken down by governorates and vehicle types, this list was obtained from Ministry of transport.

2.2.1 Sample size

The sample size is 6,974 vehicles.

2.2.2 Sampling Design

it is stratified random sample, and in some of the small size strata the quota sample was used to cover them.

The method of reaching the vehicles sample was through :

- 1- reaching to all the dynamometers (the centers for testing the vehicles)
- 2- selecting a random sample of vehicles by type of vehicle, model, fuel type and engine capacity

2.2.3 Strata design

The target population was divided by:

1. Region: 11 governorates in West Bank and Gaza Strip.
2. Vehicle type: private, public passenger transport, motorcycles, public buses, private buses, trucks, tractors, ... Etc.
3. Type of engine fuels (gasoline, diesel).
4. Model (2004 and less, 2005 and more).
5. Engine capacity (2500 and less, more than 2500).

2.2.4 Sample allocation

It is basically proportional allocation, the volume of some categories (domains) was increased to make more accurate estimates.

The sample was distributed in Palestine by vehicle type, as in the following table:

Region	Cars	Motorcycles	Buses	Goods Vehicles	Other Vehicles	Total
Palestine	2,403	1,479	478	1,794	820	6,974
West Bank	1,974	183	438	1,261	646	4,502
North of West Bank	1,007	92	200	602	303	2,204
Middle of West Bank	458	51	122	344	156	1,131
South of West Bank	509	40	116	315	187	1,167
Gaza Strip	429	1,296	40	533	174	2,472

2.2.5 Suggested Publication levels

1. Region and vehicle type.
2. Region and engine capacity.
3. Region and fuel used type.
4. Region and model (industry year)

Note:

Vehicle data is met from the parking and fuel stations in the absence in the dynamometers.

2.3 Fieldwork

2.3.1 Training Fieldworkers

Field workers were trained on the main survey skills before the start of data collection. Instructions on completing the questionnaire were made available to the interviewers. The training provided field workers with the aims and definitions of the different indicators of the survey.

2.3.2 Data Collection

Field work activities started on 01/06/2015 and ended on 30/06/2015. This survey covered the year of 2014. Field workers were distributed to all governorates according to the sample size of each governorate. The field work team consisted of 35 members, including 21 interviewers, field work coordinators, supervisors, and editors.

During field work, 5,631 questionnaires were completed, with percentage around 81% from the main sample.

2.4 Data Processing

The data processing stage consisted of the following operations:

1. Editing and coding prior to data entry: all questionnaires were edited and coded in the office using the same instructions adopted for editing in the field.

2. Data entry:

The survey questionnaire was uploaded on office computers. At this stage, data were entered into the computer using a data entry template developed in Access Database. The data entry program was prepared to satisfy a number of requirements:

- To prevent the duplication of questionnaires during data entry.
- To apply checks on the integrity and consistency of entered data.
- To handle errors in a user friendly manner.
- The ability to transfer captured data to another format for data analysis using statistical analysis software such as SPSS.

3. Audit after data entered at this stage is data entered scrutiny by pulling the data entered file periodically and review the data and examination of abnormal values and check consistency between the different questions in the questionnaire, and if there are any errors in the data entered to be the withdrawal of the questionnaire and make sure this data and adjusted, even been getting the final data file that is the final extract data from it.
4. Extraction Results: The extract final results of the report by using the SPSS program, and then display the results through tables to Excel format.

2.5 Weight Calculation

The sampling weight for the vehicle is the mathematical inverse of the selection probability for that vehicle. But, weights were modified after data collection to account for the non-response rate. Weight adjustment will be summarized by merging some strata sample design to become with higher levels after survey conducted.

2.6 Data Quality

The concept of data quality covers many aspects, starting from the initial planning of the survey to the dissemination of the results and how well users understand and use the data. There are seven dimensions of statistical quality: relevance, accuracy, timeliness, accessibility, comparability, coherence and completeness.

2.6.1 Data Accuracy

1. Sampling Errors

Data of this survey may be affected by sampling errors due to use of a sample and not a complete enumeration. Therefore, certain differences are anticipated in comparison with the real values obtained through censuses. The variance was calculated for the most important indicators: the variance table is attached with the final report. There is no problem in the dissemination of results at national and regional level (North, Middle, South of West Bank, Gaza Strip). However, some indicators show a high variance, as explained in the statistical tables in the main report.

Summary for Variance Calculation for Main Indicators

Indicator	Estimate	Standard Error	C.V% *	95% confidence Interval		Number of observations
				Lower	Upper	
Total Value of the Diesel Consumed (1000 NIS)	4,054,609	99,754.0	2.5	3,859,015.4	4,250,199.7	3,249
Total Diesel Consumed (1000 liters)	631,560	15,538.0	2.5	601,092.7	662,024.9	3,249
Average Number of Kilometers Traveled Per Liter by the Passenger Diesel Vehicles	10.1	0.1	1.2	9.8	10.2	2,223
Average Monthly Consumed Fuel in Liters by the Goods Gasoline Vehicles.	335	24.2	7.2	287.7	383.1	198
Average Value of the Monthly Consumed Fuel by the Goods Gasoline Vehicles (NIS)	2,368	170.6	7.2	2,031.0	2,704.4	198

*C.V: coefficient of variation

2. Non Sampling Errors

The survey sample consisted of around 6,974 vehicles, of which 5,631 vehicles completed the questionnaire, 3,652 vehicles from the West Bank and 1,979 vehicles in Gaza Strip.

The Sample Distribution According to the Result of the Interview

Result of the Interview	No. of Cases
Completed	5,631
Others	1,343
Total sample size	6,974

Response and non-response formulas:

$$\text{Non response rate} = \frac{\text{Total cases of non response} \times 100\%}{\text{Net Sample size}}$$

$$= 19.3\%$$

Net sample = Original sample – cases of over coverage
there are no cases of over coverage

$$\text{Response rate} = 100\% - \text{non-response rate}$$

$$= 80.7\%$$

2.6.2 Comparability

The survey carried out for the first time in Palestine and therefore we didn't have the same previous data. However, it is possible to compare the data obtained from this survey with data from other surveys such as the Household Energy Survey, the Survey of Transport of the informal sector, and Transportation and Communication Statistics in Palestine, It was found that there is little difference in the results according to the methodological differences and the goal of survey.

2.6.3 Data quality assurance procedures

Several procedures were applied to ensure appropriate quality control in the survey. Where the implementation of primary test of the questionnaire, where field workers were trained on the questionnaire and then go to the vehicle inspection centers in Nablus governorate, and Ramallah and Albireh governorate, it has been out with a report on this experience and benefit from it in the implementation of the main survey. As for the main survey field workers were trained on the main skills prior to data collection, field visits were conducted to field workers to ensure the integrity of data collection, editing of questionnaires took place prior to data entry, then the data were reviewed. This was done to ensure that data were error free, while cleaning and inspection of anomalous values were carried out to harmonize the different questions on the questionnaire.

2.7 Technical notes

The following are important technical notes on the indicators presented in the results of the survey:

- Inability to access all the vehicles in the sample because of the shortness of the field work time, and not the influx of all types of vehicles to testing centers during the fieldwork period.
- Some Drivers did not provide accurate answers in the questionnaire.
- Answering questions related to consumption based on estimations.

- In all calculations relating to gasoline, it has been dealing with gasoline as a kind of one gasoline type 95 because of the lack of use of the gasoline type 98.
- The average monthly consumed quantity in liters was calculated by dividing the value of the monthly consumed fuel by the price of the fuel

Quantity of Fuel = Value of Fuel/Liter Price

- The average annual price of gasoline in the West Bank and Gaza Strip 7.06 NIS/Liter
- The average annual price of diesel in the West Bank and Gaza Strip 6.42 NIS/Liter
- The average USD exchange rate against the NIS for 2014 is 3.577

Chapter Three

Concepts and Definitions

This section presents the main concepts and definitions used to derive the main indicators of energy consumption from different sources. These concepts and definitions are based on international recommendations in the field of energy statistics, and they are the same in all subjects in Palestinian Central Bureau of Statistics. The main concepts and expressions mentioned in this report were as follows:

Vehicle:

A vehicle running on wheels and intended for use on roads.

Motor Vehicle:

A vehicle fitted with auto propulsive engine, it is normally used for carrying persons or goods, and drawing vehicles.

Passengers Vehicle:

Include Private Cars, Taxis, Motorcycles, and Buses.

Private Car:

A motor vehicle, other than motorcycle intended for the carriage of passengers and designed to seat no more than 9 persons (including the driver).

Taxi:

A motor vehicle intended for the carriage of passengers (in return for payment), and designed to seat no more than 9 persons (including the driver), and described in its license as a taxi.

Motorcycle:

Two wheeled motor vehicles with or without sidecar.

This category includes scooter, three-wheeled vehicles not exceeding 400 kg.

Motorcycles are classified according to the engine capacity as: less than 50 cm³, 50-100 cm³, 100-250 cm³, and greater than 250 cm³.

Bus:

A motor vehicle designed to carry more than 9 passengers (including the driver).

Trailer:

Goods road vehicles designed to be hauled by a road motor vehicle. Excluding agricultural trailers and caravans.

Semi-Trailer:

Goods road vehicle with no front axle designed in such a way as to be hauled by road tractor.

Road Tractor:

A motor vehicle designed exclusively or primarily to haul other vehicles, which are not power-driven. Agricultural tractors are excluded.

Goods Vehicles:

Include Trucks and Commercial Cars.

Truck:

A motor vehicle designed for another purpose than passenger transport, its height is more than 250 cm, and described in its license as a truck.

Commercial Car:

A motor vehicle designed for another purpose than passenger transport, weights more than 2,200 kg, its height is more than 175 cm and less than or equal to 250 cm, and described in its license as a commercial vehicle.

Other Vehicle:

A vehicle designed for purposes other than the carriage of passengers or goods. This category includes: ambulances, mobile cranes, self-propelled rollers, bulldozers with metallic wheels or tracks, vehicles for recording film, radio, and TV programs, mobile library vehicles, towing vehicles for vehicles in need of repair.

Fuel:

It refers to any matter used for producing energy via thermal, chemical or nuclear interaction.

Gasoline:

Gasoline is a hydrocarbon fuel used mainly in internal- combustion engines. This fuel is obtained via filtration of crude oil. The quality of this type of fuel is measured by the octane number (from 0 to 100), which points to its resistance of early burning. This number is obtained by comparing the performance of its resistance of early burning with a mixture of C^7H^{16} and C^8H^{18} . For instance, the performance of "Gasoline 95" equals the performance of a mixture of 95% C^8H^{18} and 5% C^7H^{16} .

Diesel:

It is a liquid hydrocarbon fuel obtained by the distillation of crude petroleum. It is heavy oil distilled between 200°C and 380°C. Its point is always above 50°C, and its specific gravity is higher than 0.82.

References

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2. United Nations, 1991, Energy Statistics, A manual for Developing Countries. New York.
3. Statistics Canada's 2010, annual survey of vehicles in Canada in 2009.
4. Eurostat and the Organization for Economic Co-operation for Development and the International Energy Agency, 2005, Energy Statistics Guide.

جدول 1: عدد المركبات المسجلة حسب نوع المركبة والمنطقة، 2014

Table 1: The Number of Registered Vehicles by Vehicle Type and Region, 2014

Region	Vehicle Type						المنطقة
	المجموع Total	مركبات أخرى Other Vehicles	مركبة نقل بضائع Goods Vehicle	حافلة (باص) Bus	دراجة نارية Motorcycle	سيارة Car	
Palestine	244,515	2,839	38,006	2,010	21,446	180,214	فلسطين
West Bank	160,863	1,629	26,232	1,667	869	130,466	الضفة الغربية
North of West Bank	58,541	624	8,609	744	246	48,318	شمال الضفة الغربية
Middle of West Bank	59,116	509	10,501	506	556	47,044	وسط الضفة الغربية
South of West Bank	43,206	496	7,122	417	67	35,104	جنوب الضفة الغربية
Gaza Strip	83,652	1,210	11,774	343	20,577	49,748	قطاع غزة

جدول 2: عدد المركبات المسجلة حسب نوع الوقود المستخدم والمنطقة، 2014

Table 2: The Number of Registered Vehicles by the Use Type of Fuel and Region, 2014

Region	Type of Fuel			المنطقة
	المجموع Total	سولار (ديزل) Diesel	بنزين Gasoline	
Palestine	244,515	104,328	140,187	فلسطين
West Bank	160,863	77,418	83,445	الضفة الغربية
North of West Bank	58,541	28,632	29,909	شمال الضفة الغربية
Middle of West Bank	59,116	26,291	32,825	وسط الضفة الغربية
South of West Bank	43,206	22,495	20,711	جنوب الضفة الغربية
Gaza Strip	83,652	26,910	56,742	قطاع غزة

جدول 3: إجمالي استهلاك الوقود بالآلاف لتر حسب نوع الوقود ونوع المركبة والمنطقة، 2014
Table 3: Total Fuel Consumed (1000 liters) by Fuel Type, Vehicle Type and Region, 2014

Region	Fuel Type and Vehicle Type				نوع الوقود ونوع المركبة				المنطقة
	Diesel		سولار		Gasoline		بنزين		
	المجموع	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	المجموع	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	
Total	Other Vehicles	Goods Vehicles	Passengers Vehicles	Total	Other Vehicles	Goods Vehicles	Passengers Vehicles		
Palestine	631,560	14,647	309,778	307,135	270,887	883	9,015	260,989	فلسطين
West Bank	452,615	8,374	207,101	237,140	162,743	433	1,592	160,718	الضفة الغربية
North of West Bank	152,201	4,461	53,997	93,743	57,172	202	854	56,116	شمال الضفة الغربية
Middle of West Bank	167,642	1,715	90,811	75,116	62,146	77	-	62,069	وسط الضفة الغربية
South of West Bank	132,772	2,198	* 62,293	68,281	43,425	154	738	42,533	جنوب الضفة الغربية
Gaza Strip	178,945	6,273	102,677	69,995	108,144	450	7,423	100,271	قطاع غزة

* Variation is little high for these values

* التباين مرتفع قليلا لهذه القيم

جدول 4: إجمالي قيمة الوقود المستهلك بالآلاف شيقل حسب نوع الوقود ونوع المركبة والمنطقة، 2014
Table 4: Total Value of the Fuel Consumed (1000 NIS) by Fuel Type, Vehicle Type and Region, 2014

Region	Fuel Type and Vehicle Type				نوع الوقود ونوع المركبة				المنطقة
	Diesel		سولار		Gasoline		بنزين		
	المجموع	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	المجموع	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	
Total	Other Vehicles	Goods Vehicles	Passengers Vehicles	Total	Other Vehicles	Goods Vehicles	Passengers Vehicles		
Palestine	4,054,609	94,031	1,988,771	1,971,807	1,912,466	6,233	63,644	1,842,589	فلسطين
West Bank	2,905,786	53,759	1,329,587	1,522,440	1,148,969	3,056	11,240	1,134,673	الضفة الغربية
North of West Bank	977,126	28,638	346,658	601,830	403,633	1,426	6,027	396,180	شمال الضفة الغربية
Middle of West Bank	1,076,259	11,010	583,006	482,243	438,752	541	-	438,211	وسط الضفة الغربية
South of West Bank	852,401	14,111	*399,923	438,367	306,584	1,089	5,213	300,282	جنوب الضفة الغربية
Gaza Strip	1,148,823	40,272	659,184	449,367	763,497	3,177	52,404	707,916	قطاع غزة

* Variation is little high for these values

* التباين مرتفع قليلا لهذه القيم

جدول 5: إجمالي عدد الكيلومترات المقطوعة بالآلاف كيلومتر حسب نوع الوقود ونوع المركبة والمنطقة، 2014

Table 5: The Total Number of Kilometers Traveled (1000 Km) by Fuel Type, Vehicle Type and Region, 2014

Region	نوع الوقود ونوع المركبة								المنطقة
	Fuel Type and Vehicle Type				نوع الوقود ونوع المركبة				
	Diesel	سولار			Gasoline	بنزين			
المجموع	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	المجموع	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب		
Total	Other Vehicles	Goods Vehicles	Passengers Vehicles	Total	Other Vehicles	Goods Vehicles	Passengers Vehicles		
Palestine	4,441,067	88,166	1,525,690	2,827,211	2,553,507	7,606	65,339	2,480,562	فلسطين
West Bank	3,304,571	53,535	1,079,115	2,171,921	1,492,309	3,971	9,573	1,478,765	الضفة الغربية
North of West Bank	1,249,399	31,615	313,326	904,458	561,792	1,978	5,717	554,097	شمال الضفة الغربية
Middle of West Bank	1,154,557	11,050	497,947	645,560	549,584	714	-	548,870	وسط الضفة الغربية
South of West Bank	900,615	10,870	267,842	621,903	380,933	1,279	3,856	375,798	جنوب الضفة الغربية
Gaza Strip	1,136,496	34,631	446,575	655,290	1,061,198	3,635	55,766	1,001,797	قطاع غزة

جدول 6: التوزيع النسبي لإستخدام المركبات داخل وخارج التجمع حسب نوع المركبة والمنطقة، 2014

Table 6: Percentage Distribution of the Use of the Vehicles Inside and Outside the Localities by Vehicle Type and Region, 2014

Region	مركبات أخرى			مركبات نقل بضائع			مركبات نقل ركاب			المنطقة
	Other Vehicles			Goods Vehicles			Passengers Vehicles			
	المجموع	خارج التجمع	داخل التجمع	المجموع	خارج التجمع	داخل التجمع	المجموع	خارج التجمع	داخل التجمع	
Total	Outside Locality	Inside Locality	Total	Outside Locality	Inside Locality	Total	Outside Locality	Inside Locality		
Palestine	100	25	75	100	37	63	100	30	70	فلسطين
West Bank	100	19	81	100	34	66	100	29	71	الضفة الغربية
North of West Bank	100	20	80	100	39	61	100	32	68	شمال الضفة الغربية
Middle of West Bank	100	21	79	100	36	64	100	34	66	وسط الضفة الغربية
South of West Bank	100	17	83	100	24	76	100	19	81	جنوب الضفة الغربية
Gaza Strip	100	33	67	100	45	55	100	31	69	قطاع غزة

* Variation is little high for these values

* التباين مرتفع قليلا لهذه القيم

جدول 7: معدل كمية استهلاك الوقود الشهري باللتر حسب نوع المركبة والوقود المستخدم والمنطقة، 2014

Table 7: The Average Quantity of Monthly Consumed Fuel in Liters by Vehicle Type, Fuel Used and Region, 2014

Region	نوع المركبة والوقود المستخدم								المنطقة
	Diesel				Gasoline				
	المعدل العام	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	المعدل العام	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	
General Average	Other Vehicles	Goods Vehicles	Passengers Vehicles	General Average	Other Vehicles	Goods Vehicles	Passengers Vehicles		
Palestine	504	479	722	388	161	258	335	158	فلسطين
West Bank	487	481	670	394	163	210	287	162	الضفة الغربية
North of West Bank	443	669	537	397	159	248	313	158	شمال الضفة الغربية
Middle of West Bank	531	303	721	409	158	201	-	158	وسط الضفة الغربية
South of West Bank	492	432	754	375	175	179	262	174	جنوب الضفة الغربية
Gaza Strip	554	477	856	369	159	332	348	152	قطاع غزة

* Variation is little high for these values

* التباين مرتفع قليلا لهذه القيم

جدول 8: معدل كمية استهلاك الوقود الشهري باللتر حسب سعة المحرك والوقود المستخدم والمنطقة، 2014

Table 8: The Average Quantity of Monthly Consumed Fuel in Liters by the Engine Capacity, Fuel Used and Region, 2014

Region	سعة المحرك والوقود المستخدم				المنطقة
	Diesel		Gasoline		
	أعلى من 2500 Higher Than 2500	2500 فأقل 2500 or Less	أعلى من 2500 Higher Than 2500	2500 فأقل 2500 or Less	
Palestine	841	389	270	159	فلسطين
West Bank	780	389	247	160	الضفة الغربية
North of West Bank	672	373	272	158	شمال الضفة الغربية
Middle of West Bank	807	446	221	155	وسط الضفة الغربية
South of West Bank	866	340	310	172	جنوب الضفة الغربية
Gaza Strip	1,009	389	326	156	قطاع غزة

جدول 9: معدل كمية استهلاك الوقود الشهري باللتر حسب سنة صنع المركبة والوقود المستخدم والمنطقة، 2014

Table 9: The Average Quantity of Monthly Consumed Fuel in Liters by the Production Year of the Vehicle, Fuel Used and Region, 2014

Region	سنة الصنع والوقود المستخدم				المنطقة
	Diesel		Gasoline		
	2005 فأعلى 2005 or Higher	2004 فأقل 2004 or Less	2005 فأعلى 2005 or Higher	2004 فأقل 2004 or Less	
Palestine	559	452	160	162	فلسطين
West Bank	570	431	154	169	الضفة الغربية
North of West Bank	489	402	151	167	شمال الضفة الغربية
Middle of West Bank	638	479	156	159	وسط الضفة الغربية
South of West Bank	623	401	157	190	جنوب الضفة الغربية
Gaza Strip	541	593	165	140	قطاع غزة

جدول 10: معدل قيمة استهلاك الوقود الشهري بالشيقل حسب نوع المركبة والوقود المستخدم والمنطقة، 2014

Table 10: The Average Value of the Monthly Consumed Fuel (NIS) by Vehicle Type, Fuel Used and Region, 2014

Region	نوع المركبة والوقود المستخدم								المنطقة
	Diesel				Gasoline				
	المعدل العام	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	المعدل العام	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	
General Average	Other Vehicles	Goods Vehicles	Passengers Vehicles	General Average	Other Vehicles	Goods Vehicles	Passengers Vehicles		
Palestine	3,239	3,074	4,634	2,489	1,137	1,825	2,368	1,115	فلسطين
West Bank	3,128	3,085	4,300	2,528	1,147	1,484	2,027	1,142	الضفة الغربية
North of West Bank	2,844	4,292	3,446	2,547	1,125	1,749	2,212	1,115	شمال الضفة الغربية
Middle of West Bank	3,411	1,944	4,627	2,624	1,114	1,421	-	1,114	وسط الضفة الغربية
South of West Bank	3,158	2,773	*4,839	2,406	1,234	1,261	1,849	1,226	جنوب الضفة الغربية
Gaza Strip	3,558	3,059	5,495	2,368	1,121	2,343	2,456	1,076	قطاع غزة

* Variation is little high for these values

* التباين مرتفع قليلا لهذه القيم

جدول 11: معدل قيمة استهلاك الوقود الشهري بالشيقل حسب سعة المحرك والوقود المستخدم والمنطقة، 2014

Table 11: The Average Value of the Monthly Consumed Fuel (NIS) by the Engine Capacity, Fuel Used and Region, 2014

Region	سعة المحرك والوقود المستخدم				المنطقة
	Diesel سولار		Gasoline بنزين		
	أعلى من 2500 Higher Than 2500	2500 فأقل 2500 or Less	أعلى من 2500 Higher Than 2500	2500 فأقل 2500 or Less	
Palestine	5,401	2,497	1,905	1,120	فلسطين
West Bank	5,005	2,498	1,741	1,132	الضفة الغربية
North of West Bank	4,311	2,392	1,921	1,114	شمال الضفة الغربية
Middle of West Bank	5,181	2,863	1,562	1,095	وسط الضفة الغربية
South of West Bank	5,557	2,184	2,186	1,216	جنوب الضفة الغربية
Gaza Strip	6,476	2,496	2,300	1,102	قطاع غزة

جدول 12: معدل قيمة استهلاك الوقود الشهري بالشيقل حسب سنة صنع المركبة والوقود المستخدم والمنطقة، 2014

Table 12: The Average Value of the Monthly Consumed Fuel (NIS) by the Production Year of the Vehicle, Fuel Used and Region, 2014

Region	سنة الصنع والوقود المستخدم				المنطقة
	Diesel سولار		Gasoline بنزين		
	2005 فأعلى 2005 or Higher	2004 فأقل 2004 or Less	2005 فأعلى 2005 or Higher	2004 فأقل 2004 or Less	
Palestine	3,586	2,902	1,130	1,146	فلسطين
West Bank	3,659	2,770	1,087	1,191	الضفة الغربية
North of West Bank	3,142	2,583	1,064	1,182	شمال الضفة الغربية
Middle of West Bank	4,097	3,078	1,100	1,121	وسط الضفة الغربية
South of West Bank	4,002	2,575	1,106	1,341	جنوب الضفة الغربية
Gaza Strip	3,473	3,809	1,165	991	قطاع غزة

جدول 13: متوسط عدد الكيلومترات المقطوعة للتر حسب نوع المركبة والوقود المستخدم والمنطقة، 2014

Table 13: The Average Number of Kilometers Traveled Per Liter by Vehicle Type, Fuel Used and Region, 2014

Region	نوع المركبة والوقود المستخدم								المنطقة
	Diesel				Gasoline				
	المعدل العام	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	المعدل العام	مركبات أخرى	مركبات نقل بضائع	مركبات نقل ركاب	
General Average	Other Vehicles	Goods Vehicles	Passengers Vehicles	General Average	Other Vehicles	Goods Vehicles	Passengers Vehicles		
Palestine	8.7	6.8	6.2	10.1	10.7	9.7	7.6	10.8	فلسطين
West Bank	9.0	7.1	6.5	10.4	9.5	10.0	6.5	9.5	الضفة الغربية
North of West Bank	9.7	8.4	7.2	10.8	10.3	10.1	7.1	10.4	شمال الضفة الغربية
Middle of West Bank	8.4	6.5	6.4	9.9	9.1	9.3	-	9.1	وسط الضفة الغربية
South of West Bank	8.8	6.2	5.6	10.3	8.9	10.3	5.9	8.9	جنوب الضفة الغربية
Gaza Strip	7.8	6.3	5.4	9.3	12.5	9.2	7.8	12.7	قطاع غزة

جدول 14: متوسط عدد الكيلومترات المقطوعة للتر حسب سعة المحرك والوقود المستخدم والمنطقة، 2014

Table 14: The Average Number of Kilometers Traveled Per Liter by the Engine Capacity, Fuel Used and Region, 2014

Region	سعة المحرك والوقود المستخدم				المنطقة
	Diesel سولار		Gasoline بنزين		
	أعلى من 2500 Higher Than 2500	أقل 2500 2500 or Less	أعلى من 2500 Higher Than 2500	أقل 2500 2500 or Less	
Palestine	5.6	9.7	7.7	10.8	فلسطين
West Bank	5.8	10.1	7.8	9.5	الضفة الغربية
North of West Bank	6.3	10.7	7.5	10.4	شمال الضفة الغربية
Middle of West Bank	6.0	9.2	8.0	9.2	وسط الضفة الغربية
South of West Bank	5.2	10.3	7.5	8.9	جنوب الضفة الغربية
Gaza Strip	5.2	8.7	7.4	12.6	قطاع غزة

جدول 15: متوسط عدد الكيلومترات المقطوعة للتر حسب سنة صنع المركبة والوقود المستخدم والمنطقة، 2014

Table 15: The Average Number of Kilometers Traveled Per Liter by Production Year of the Vehicle, Fuel Used and Region, 2014

Region	سنة الصنع والوقود المستخدم				المنطقة
	Diesel سولار		Gasoline بنزين		
	2005 فأعلى 2005 or Higher	2004 فأقل 2004 or Less	2005 فأعلى 2005 or Higher	2004 فأقل 2004 or Less	
Palestine	7.4	9.9	10.6	10.9	فلسطين
West Bank	7.2	10.2	8.7	10.1	الضفة الغربية
North of West Bank	8.2	11.0	9.5	11.2	شمال الضفة الغربية
Middle of West Bank	6.6	9.3	8.0	9.7	وسط الضفة الغربية
South of West Bank	6.4	10.5	8.2	9.5	جنوب الضفة الغربية
Gaza Strip	7.7	7.9	12.2	13.5	قطاع غزة

جدول 16: معدل قيمة التأمين السنوي بالثبيل للمركبات حسب نوع المركبة والمنطقة، 2014
Table 16: Average Annual Insurance Value (NIS) of Vehicles by Vehicle Type and Region, 2014

Region	نوع المركبة					المنطقة
	مركبات أخرى Other Vehicles	مركبة نقل بضائع Goods Vehicle	حافلة (باص) Bus	دراجة نارية Motorcycle	سيارة Car	
Palestine	2,208	2,635	4,640	2,698	1,817	فلسطين
West Bank	2,428	2,840	5,035	1,283	2,043	الضفة الغربية
North of West Bank	2,173	2,507	5,379	1,383	1,775	شمال الضفة الغربية
Middle of West Bank	2,826	3,096	4,367	1,207	2,222	وسط الضفة الغربية
South of West Bank	2,337	2,864	5,233	1,537	2,170	جنوب الضفة الغربية
Gaza Strip	1,914	2,178	2,721	2,758	1,225	قطاع غزة

جدول 17: عدد المركبات التي أجرت عملية صيانة حسب نوع المركبة والمنطقة، 2014

Table 17: Number of Vehicles which Conducted Maintenance by Vehicle Type and Region, 2014

Region	نوع المركبة					المنطقة
	مركبات أخرى Other Vehicles	مركبة نقل بضائع Goods Vehicle	حافلة (باص) Bus	دراجة نارية Motorcycle	سيارة Car	
Palestine	2,757	37,503	1,989	21,267	167,959	فلسطين
West Bank	1,554	25,798	1,646	773	120,088	الضفة الغربية
North of West Bank	593	8,501	741	214	42,767	شمال الضفة الغربية
Middle of West Bank	482	10,365	495	504	45,417	وسط الضفة الغربية
South of West Bank	479	6,932	410	55	31,904	جنوب الضفة الغربية
Gaza Strip	1,203	11,705	343	20,494	47,871	قطاع غزة

جدول 18: معدل قيمة الصيانة السنوية بالثبيل لكل مركبة أجرت عملية صيانة حسب نوع المركبة والمنطقة، 2014

Table 18: Average Annual Maintenance Value (NIS) of each Vehicles which Conducted the Maintenance Process by Vehicle Type and Region, 2014

Region	نوع المركبة					المنطقة
	مركبات أخرى Other Vehicles	مركبة نقل بضائع Goods Vehicle	حافلة (باص) Bus	دراجة نارية Motorcycle	سيارة Car	
Palestine	4,830	6,935	10,064	707	2,465	فلسطين
West Bank	4,316	6,589	10,598	637	2,277	الضفة الغربية
North of West Bank	4,153	5,796	10,356	609	1,995	شمال الضفة الغربية
Middle of West Bank	3,957	5,777	8,916	632	2,046	وسط الضفة الغربية
South of West Bank	4,880	8,776	13,068	788	2,983	جنوب الضفة الغربية
Gaza Strip	5,494	7,697	7,497	710	2,937	قطاع غزة

جدول 19: كمية ثاني أكسيد الكربون الناتجة بالطن حسب نوع الوقود ونوع المركبة والمنطقة، 2014

Table 19 : Total CO2 produced (Ton) by Fuel Type, Vehicle Type and Region, 2014

Region	نوع الوقود ونوع المركبة								المنطقة
	Diesel				Gasoline				
	المجموع Total	مركبات أخرى Other Vehicles	مركبات نقل بضائع Goods Vehicles	مركبات نقل ركاب Passengers Vehicles	المجموع Total	مركبات أخرى Other Vehicles	مركبات نقل بضائع Goods Vehicles	مركبات نقل ركاب Passengers Vehicles	
Palestine	2,012,340	46,670	987,046	978,624	831,621	2,711	27,676	801,234	فلسطين
West Bank	1,442,167	26,682	659,886	755,599	499,619	1,329	4,887	493,403	الضفة الغربية
North of West Bank	484,958	14,214	172,051	298,693	175,518	620	2,622	172,276	شمال الضفة الغربية
Middle of West Bank	534,158	5,465	289,351	239,342	190,787	236	-	190,551	وسط الضفة الغربية
South of West Bank	423,051	7,003	198,484	217,564	133,314	473	2,265	130,576	جنوب الضفة الغربية
Gaza Strip	570,173	19,988	327,160	223,025	332,002	1,382	22,789	307,831	قطاع غزة