

Palestinian Central Bureau of Statistics Release Results of Household Energy Survey (July 2004)

99.5% of Households Connecting to Public Network, and 71.2% of Households in the Palestinian Territory are Using Solar Energy Heaters

PCBS was implemented survey about energy indicators in the households 2004. These indicators covered July in the same year. This survey collected data about energy indicators in the household (electricity, petroleum fuel) in the household activities (cooking, baking, water heating, lighting, and conditioning).

The main results of the survey indicate that 99.5% of households in the Palestinian Territory are connected to the public electricity network, where this percent was about 97.2% in 1999. And the indicators show that 71.2% of households in the Palestinian Territory are utilizing solar energy by using solar energy heaters, where this percent was 68.0% in the same period in 1999.

There is 3.4% of households in the Palestinian Territory have used electrical conditioner for the purpose of space conditioning, 55.3% of the households used fixed fan, 77.5% of the households used mobile fan, and 19.3% of Palestinian households were not conditioning their houses.

The main results of the survey indicate that 99.7% of households in the Palestinian Territory have used gas oven for cooking, where this percent was 99.1% in the same period in 1999. 33.2% of the households used electric oven, 18.5% of the households used wood burner, where this percent was 14.7% in the same period in 1999. .

The main results of the survey indicate that 99.0% of households in the Palestinian Territory depend on petroleum gas as a main fuel for cooking, where this percent was 97.7% in the same period in 1999. While 5.4% of the households depend on electricity as a secondary fuel for cooking, 5.0% households depend on wood as a secondary fuel for cooking.

There is 17.0% of households in the Palestinian Territory depend on petroleum gas as a main fuel for water heating, 69.8% of households in the Palestinian Territory depend on solar heaters as a main source for water heating. And 80.7% of the households depend on electricity as a main source of conditioning, 99.4% of the households depend on electricity as a main fuel of lighting, where this percent was 97.6% in the same period in 1999.

The main findings of the survey indicate that the average household electricity consumption in the Palestinian Territory during July 2004 was 264 KW.h, where this average was 380 KW.h in the same period in 1999. The average household gasoline consumption in the Palestinian Territory during July 2004 was 11 liters. While the average household petroleum gas consumption was 20 kg. And the average household kerosene consumption was 3 liters during July 2004.

Comparing Table for Energy Households Indicators, July 1999, 2001, 2003, 2004

Indicator	July 1999	July 2001	July 2003	July 2003
Percent of Households Connected to the Electricity Public Network	97.2	99.1	99.4	99.5
Percent of Households Using Solar Heater	68.0	72.5	71.2	71.2
Percent of Households Using Gas Burner for Cooking	99.1	99.4	99.6	99.7
Percent of Households Using Wood Burner for Cooking	14.7	24.3	23.1	18.5
Percent of Households Using LPG as main fuel for Cooking	97.7	98.5	97.6	99.0
Percent of Households Using Electricity as main fuel for Lighting	97.6	98.7	98.9	99.4
Average Household Consumption of Electricity (KW.h)	380.1	272.0	274.3	264.0