

News Release



e-stats service

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Special Observances

World Environment Day

The World Environment Day is observed each year on June 5th and is one of the events instruments to raise worldwide awareness of the environment and to enhance political attention and action in the direction. The World Environment Day theme selected for 2005 is 'Green Cities' and the slogan is 'Plan for the Planet'

Solar systems

Solar heat can be converted into electricity by means of solar-heating systems. These can supply heat and hot water for various purposes. Solar systems are regularly imported into Malta. Table 1 and Chart 1 show that the importation trend from 1995 to 2000. Import values of overall solar water systems experienced a steady increase, particularly in the last three years under review. As illustrated in Table 2 and Chart 2 import values of solar storage water heaters increased steadily from 2001 till 2003, ranging from Lm13,080 to Lm179,874 respectively.

Fuel imports and consumption

In 1995, imports of leaded fuel were registered at 58,464 metric tons. Table 3 shows that in this same year imports of unleaded fuel imports amounted to 13,583 metric tons. Up to 2002 imports of leaded fuel slowly decreased, experiencing a sharp drop and an eventual phasing-out in 2003. By contrast, most marked imports of unleaded fuel kept rising as illustrated in Chart 3. The highest increase of unleaded fuel imports - more than 50 per cent - was recorded in the year 2003.

Bring-in sites

Chart 4 demonstrates an increasing trend of waste collection by means of bring-in sites. There are currently 45 bring-in sites distributed among 33 localities in Malta, and 15 sites in Gozo. Here, the public is able to deliver plastic, paper, metal and glass separately and deposit these clean, source-segregated recyclable materials into blue, white, black and brown containers respectively.

Table 4 shows that in one year the total amount of waste collected at bring-in sites increased by more than 6 times over the initial amount of 14,200 kilograms registered in July 2003. In July 2004, a total of 91,200 kilograms was collected. The largest amount of waste collected at bring-in sites throughout the year was composed of paper - 304,970 kg - followed by glass, plastic and metal. The rate of increase of plastic and metal was slow throughout the year under review. By contrast, glass and, particularly, paper registered a steady increase with few fluctuations.

Materials from these containers are collected separately and delivered to the Sant'Antnin Waste Treatment and Composting Plant, which is located in Marsascalea. Here waste is further sorted and then sent for recycling ■

Theme:
General Statistics

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The monthly calendar of NSO News Releases may be consulted on the Office's website at www.nso.gov.mt

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Table 1. Import values of solar systems

Lm

Year	Solar systems
1995	20,173
1996	72,119
1997	13,212
1998	5,809
1999	11,807
2000	65,211
2001	90,191
2002	160,276
2003	244,403

Chart 1. Total imports of solar systems

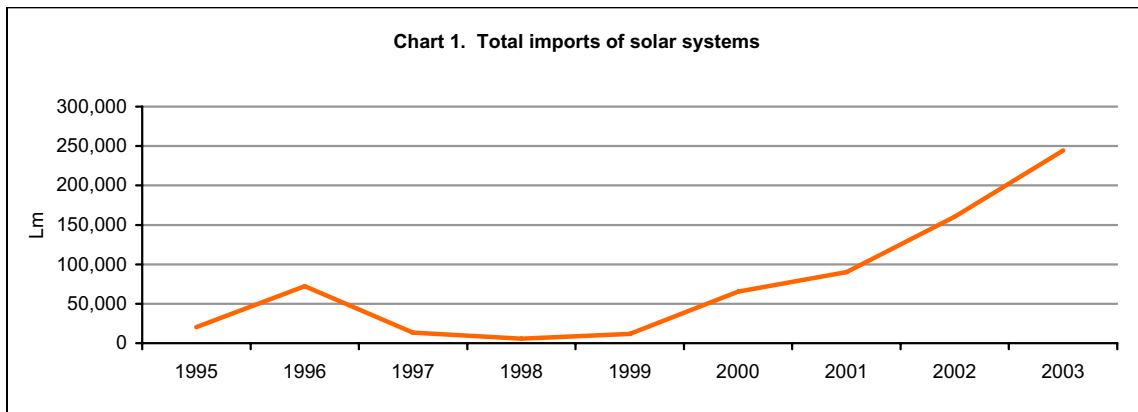


Table 2. Import values of Solar water heaters

Lm

	Solar storage water heaters	Solar Powered storage water heaters	Totals
2001	77,111	13,080	90,191
2002	118,349	41,927	160,276
2003	179,874	64,529	244,403

Chart 2. Import values of solar water heaters 2001-2003

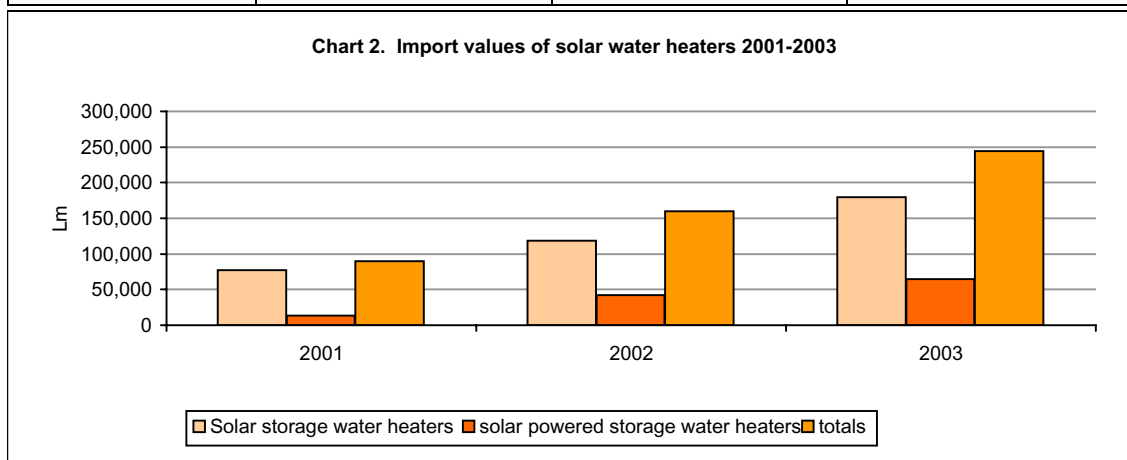


Table 3. Fuel imports

Year	metric tons	
	Unleaded	Leaded
1995	13,583	58,464
1996	15,447	62,154
1997	20,958	62,853
1998	21,267	54,119
1999	25,281	52,403
2000	27,220	42,692
2001	29,172	37,501
2002	43,577	31,113
2003	70,186	0
2004	58,012	0

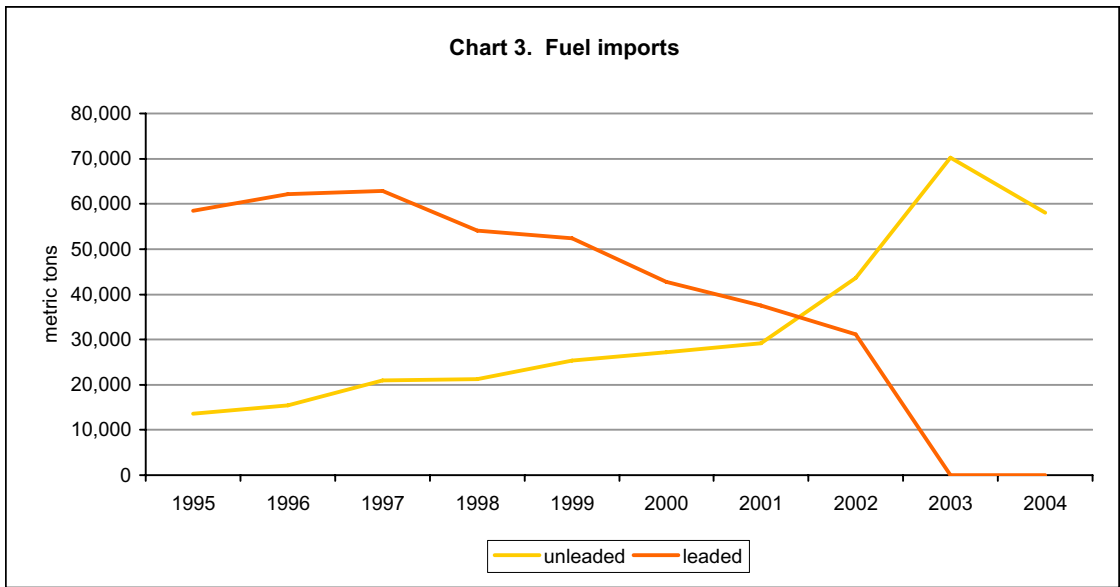
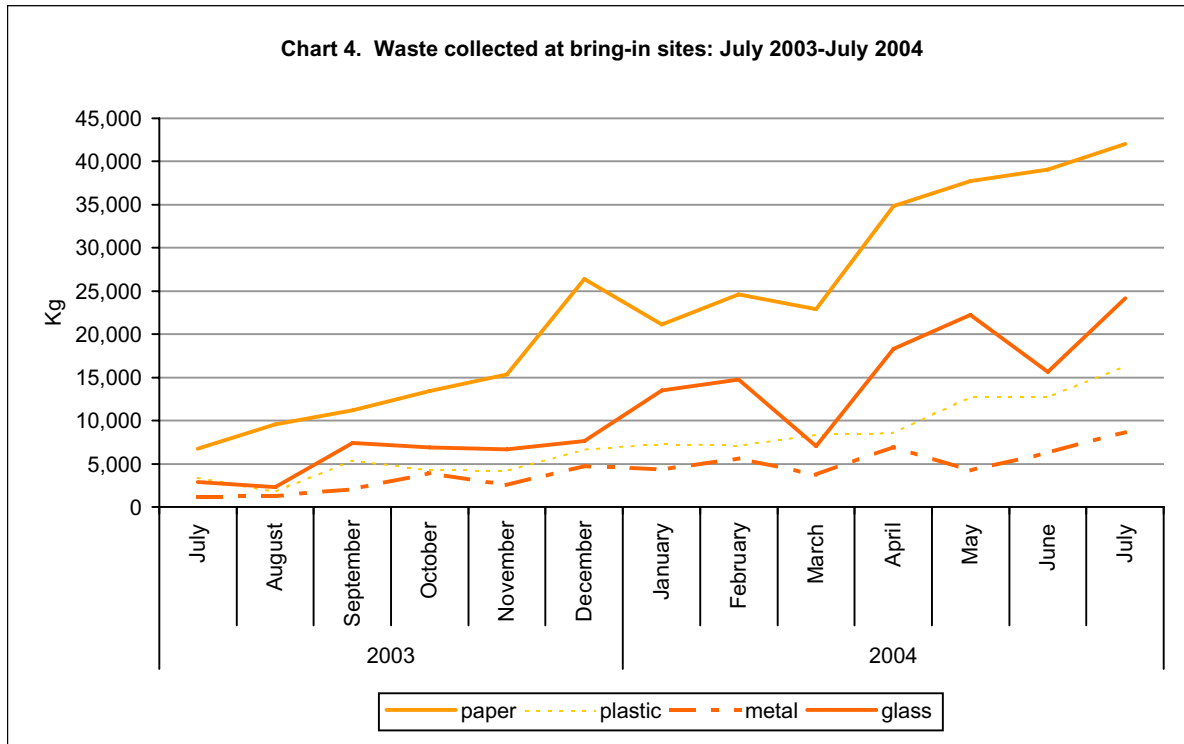


Table 4. Waste collected at bring-in sites: July 2003-July 2004 (Kg)

	Paper	Plastic	Metal	Glass	Total
July 2003	6,720	3,380	1,220	2,880	14,200
August 2003	9,560	1,800	1,280	2,300	14,940
September 2003	11,180	5,380	2,060	7,400	26,020
October 2003	13,440	4,280	3,920	6,880	28,520
November 2003	15,380	4,240	2,540	6,660	28,820
December 2003	26,360	6,680	4,740	7,600	45,380
January 2004	21,140	7,360	4,280	13,460	46,240
February 2004	24,640	7,120	5,620	14,780	52,160
March 2004	22,920	8,360	3,680	7,060	42,020
April 2004	34,870	8,620	6,940	18,300	68,730
May 2004	37,700	12,751	4,260	22,215	76,926
June 2004	39,040	12,780	6,300	15,660	73,780
July 2004	42,020	16,280	8,700	24,200	91,200
Total	304,970	99,031	55,540	149,395	608,936



Methodological Note

Solar systems refer to all mechanisms working by means of solar energy. These include solar water heaters, solar panels, solar heating systems and solar cells.