

Water Surveys 2005

Average household water consumption decreased 2.9% during the year 2005, standing at 166 litres per inhabitant per day

The unit value of water increased 2.1%

During the year 2005 in Spain, 4,873 Hm³ of water were distributed via the public urban supply networks, according to the *Survey on the Supply and Treatment of Water*. Of this quantity, 82.1% (4,002 Hm³) was distributed for consumption by families, companies, municipal consumption, Apparent losses of water (leaks, breaks, breakdowns, measurement errors, frauds, ...) were estimated at 17.9% of the total water distributed via said networks.

Consumption of drinking water by Spanish families rose to 2,673 Hm³, representing 66.8% of total consumption. Average consumption stood at 166 litres per inhabitant per day, 2.9% less than the 171 litres recorded in the year 2004. By Community, Andalucía registered the highest average consumption (195) and Navarra registered the lowest (134).

Average household water consumption

Unit: litres/inhabitant/day

	2004	2005	Variation %
Andalucía	189	195	3.2
Aragón	162	153	-5.5
Asturias (Principado de)	172	180	4.6
Balears, Illes	142	139	-2.1
Canarias	147	145	-1.4
Cantabria	187	191	2.1
Castilla y León	172	160	-7.0
Castilla-La Mancha	179	174	-2.8
Cataluña	174	162	-6.9
Comunitat Valenciana	178	171	-3.9
Extremadura	178	173	-2.8
Galicia	155	152	-1.9
Madrid (Comunidad de)	171	159	-7.0
Murcia (Región de)	161	162	0.6
Navarra (Comunidad Foral de)	144	134	-6.9
País Vasco	150	140	-6.7
Rioja (La)	141	145	2.8
Ceuta y Melilla	142	139	-2.1
Spain	171	166	-2.9

The unit value of water increased 2.1% in the year 2005

The unit value of water (quotient between the value of the water supply rates plus the sewage rates/cannons for waste water and the volume of water distributed for consumption) increased 2.1% in the year 2005, reaching 0.98 euros/m³.

The unit value of the water supply reached 0.67 euros/m³, whereas the unit value of the sewage of waste water (sewerage network and water treatment) was 0.31 euros/m³.

By Autonomous Community, the highest values corresponded to Canarias (1.65 euros/m³), Illes Balears (1.58) and Region de Murcia (1.52). In contrast, Castilla y León (0.66), Cantabria (0.68), Castilla-La Mancha (0.74) and Asturias (0.74) recorded the lowest unit values.

Total unit value of water

Unit: euros/m³

	2005
Andalucía	0.92
Aragón	0.87
Asturias (Principado de)	0.74
Balears, Illes	1.58
Canarias	1.65
Cantabria	0.68
Castilla y León	0.66
Castilla-La Mancha	0.74
Cataluña	1.04
Comunitat Valenciana	1.36
Extremadura	0.81
Galicia	0.75
Madrid (Comunidad de)	1.09
Murcia (Región de)	1.52
Navarra (Comunidad Foral de)	1.12
País Vasco	0.91
Rioja (La)	0.98
Ceuta y Melilla	0.98
Spain	0.98

Water consumption in the agrarian sector decreased 7.3%

According to the *Survey on the Use of Water in the Agrarian Sector*, farm consumption rose to 16,505 Hm³ in 2005, indicating a 7.3% drop as compared with the year 2004. Contributing to this drop was the decrease in the availability of irrigation water as a result of the drought.

By type of crop, herbaceous crops accounted for 46.3% of the total consumption.

By irrigation technique, the sprinkler and trickle techniques accounted for 52.9% of the total expenditure on water.

Water consumption by type of crop and irrigation technique

Unit: thousand m³

	2005	%
By type of crop		
Herbaceous	7,642,531	46.3
Fruit trees	3,150,152	19.1
Olive grove and Vineyard	2,304,153	14.0
Potatoes and vegetables	1,476,962	8.9
Other types of crops	1,931,044	11.7
Total	16,504,842	100.0
By irrigation technique		
Sprinkler	3,871,747	23.5
Trickle	4,858,928	29.4
Gravity and others	7,774,167	47.1
Total	16,504,842	100.0

By **Community**, Andalucía consumed the most water (24.7% of the total). In comparison with the year 2004, consumption increased 3.5% in Navarra and 0.7% in Extremadura. In the remaining Communities, there were decreases, most notably in Madrid (-15.1%), Castilla-La Mancha (-12.1%) and Aragón (-11.5%).

Water consumption by Autonomous Community

Unit: thousand m³

	2004	2005	Rate %
Andalucía	4,475,395	4,074,000	-9.0
Aragón	2,522,861	2,233,005	-11.5
Castilla y León	2,330,518	2,292,676	-1.6
Castilla-La Mancha	2,056,215	1,806,982	-12.1
Cataluña	1,504,602	1,423,362	-5.4
Comunitat Valenciana	1,746,408	1,602,224	-8.3
Extremadura	1,417,262	1,427,013	0.7
Madrid (Comunidad de)	155,601	132,086	-15.1
Murcia (Región de)	619,956	563,066	-9.2
Navarra (Comunidad Foral de)	442,821	458,363	3.5
Rioja (La)	207,202	192,187	-7.3
Rest of Autonomous Communities	328,825	299,978	-8.8
Spain	17,807,665	16,504,842	-7.3

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