



Statistics in focus

ENVIRONMENT AND ENERGY

THEME 8 – 11/2003

ENERGY

Statistical aspects of the natural gas economy in 2002

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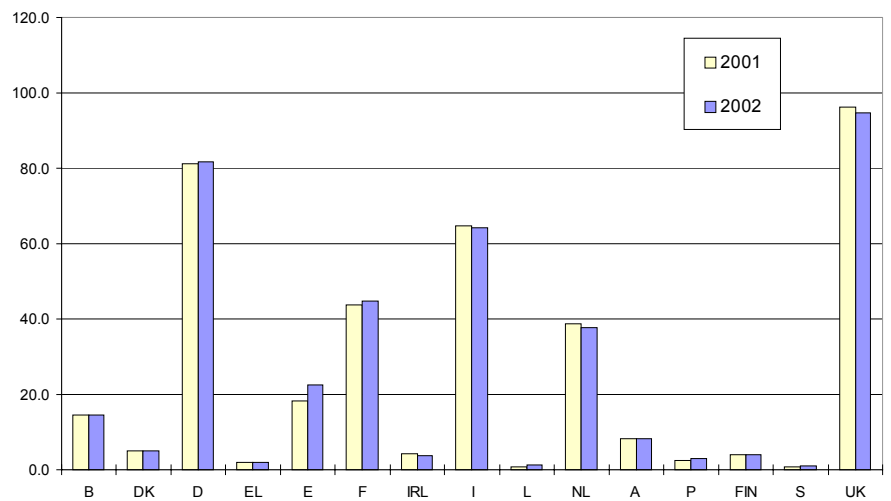


Figure 1: Gross inland consumption in million toe (gross calorific value)

Consumption trends

In 2002, gross inland consumption of natural gas rose by 0.9% to 388.8 million tonnes of oil equivalent (toe).

Increases were recorded in the following Member States: Luxembourg (+37.2%), Spain (+23.3%), Portugal (+20.9%), Sweden (+15.7%), Greece (+4.0%), France (+2.3%), Austria (+1.9%), Germany (+0.4%) and Finland (+0.2%).

Consumption was below the 2001 level in Ireland (-7.4%), the Netherlands (-2.7%), the United Kingdom (-1.6%), Italy (-0.9%), Belgium and Denmark (-0.1%).

Supply structure

Natural gas production in the European Union totalled 206.8 million toe, 1.2% down on 2001. Of the main EU producers, the United Kingdom decreased its production by 2.4%, Germany by 1.5%, Italy by 2.8% and France by 4.4%. Production was up in the Netherlands, Denmark and Austria by 0.6%, 2.0% and 8.7% respectively.

Total imports of natural gas by the EU Member States rose by 10.7% to 252.8 million toe.



		EU-15	Euro-Zone	B	DK	D	EL	E	F	IRL	I	L	NL	A	P	FIN	S	UK
1. Primary production	2001	209.3	95.4		8.3	17.0	0.0	0.5	1.6	0.7	14.1		59.8	1.6				105.6
	2002	206.8	95.2		8.4	16.8	0.0	0.5	1.5	0.7	13.7		60.2	1.8				103.1
	2002/2001%	-1.2	-0.2		2.0	-1.5	5.5	5.6	-4.4	-1.7	-2.8		0.6	8.7				-2.4
2. Total imports	2001	228.4	224.9	14.5		70.6	1.8	16.9	38.8	3.4	49.8	0.9	15.5	6.0	2.5	4.1	0.9	2.6
	2002	252.8	246.5	14.9		72.7	1.9	20.9	45.3	3.1	54.0	1.2	19.3	6.2	3.0	4.1	1.0	5.3
	2002/2001%	10.7	9.6	2.5		2.9	4.0	23.6	16.8	-8.6	8.2	37.2	24.2	3.2	21.1	0.2	15.7	104.2
3. Resources ⁽¹⁾	2001	437.7	320.3	14.5	8.3	87.7	1.9	17.4	40.3	4.2	63.9	0.9	75.3	7.6		4.1	0.9	108.3
	2002	459.6	341.7	14.9	8.4	89.4	2.0	21.5	46.8	3.8	67.7	1.2	79.5	8.0		4.1	1.0	108.4
	2002/2001%	5.0	6.7	2.5	2.0	2.0	4.0	23.0	16.0	-7.4	5.8	37.2	5.5	4.4		0.2	15.7	0.1
4. Stock change ⁽²⁾	2001	5.3	5.3	0.1	0.1	-0.5		0.8	3.5		0.9		0.0	0.5	0.0			0.0
	2002	-6.3	-5.6	-0.3	0.0	-1.4		1.1	-1.9		-3.4		0.0	0.3	0.0			-0.6
5. Total exports	2001	57.6	42.4		3.3	5.8					0.1		36.6					11.9
	2002	64.5	48.1		3.4	6.3					0.1		41.8					13.0
	2002/2001%	11.9	13.5		2.5	8.7					-0.1		14.2					9.0
6. Gross inland consumption ⁽³⁾	2001	385.4	283.2	14.6	5.0	81.3	1.9	18.3	43.8	4.2	64.8	0.9	38.8	8.1	2.5	4.1	0.9	96.3
	2002	388.8	287.9	14.6	5.0	81.7	2.0	22.5	44.8	3.8	64.2	1.2	37.7	8.3	3.0	4.1	1.0	94.8
	2002/2001%	0.9	1.7	-0.1	-0.1	0.4	4.0	23.3	2.3	-7.4	-0.9	37.2	-2.7	1.9	20.9	0.2	15.7	-1.6

(1) 1+2

⁽²⁾ + Decrease in stocks

- Increase in stocks

⁽³⁾ 1 + 2 + 4 - 5

Table 1 : Provisional natural gas balance sheet (January-December 2002)
in million tonnes of oil equivalent (GCV)

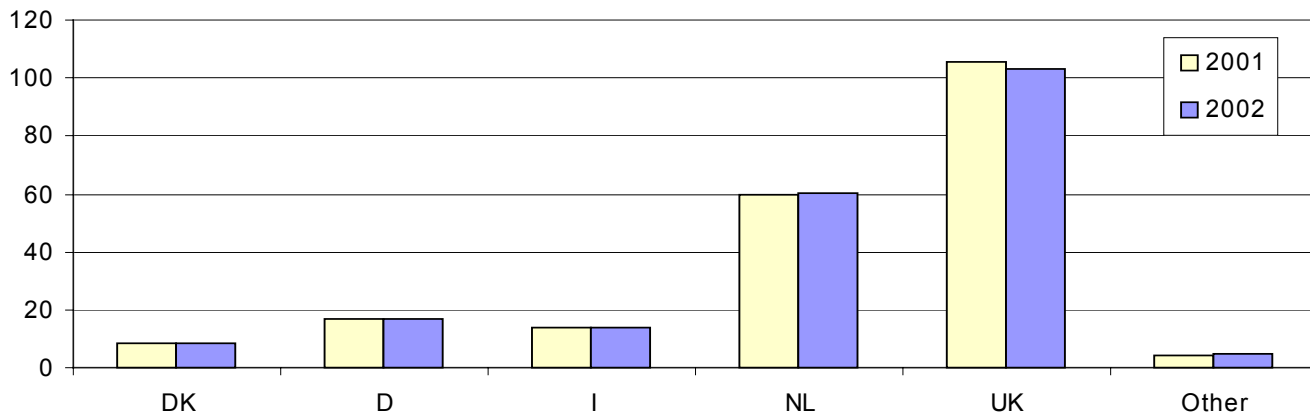


Figure 2: Primary production in million toe (GCV)

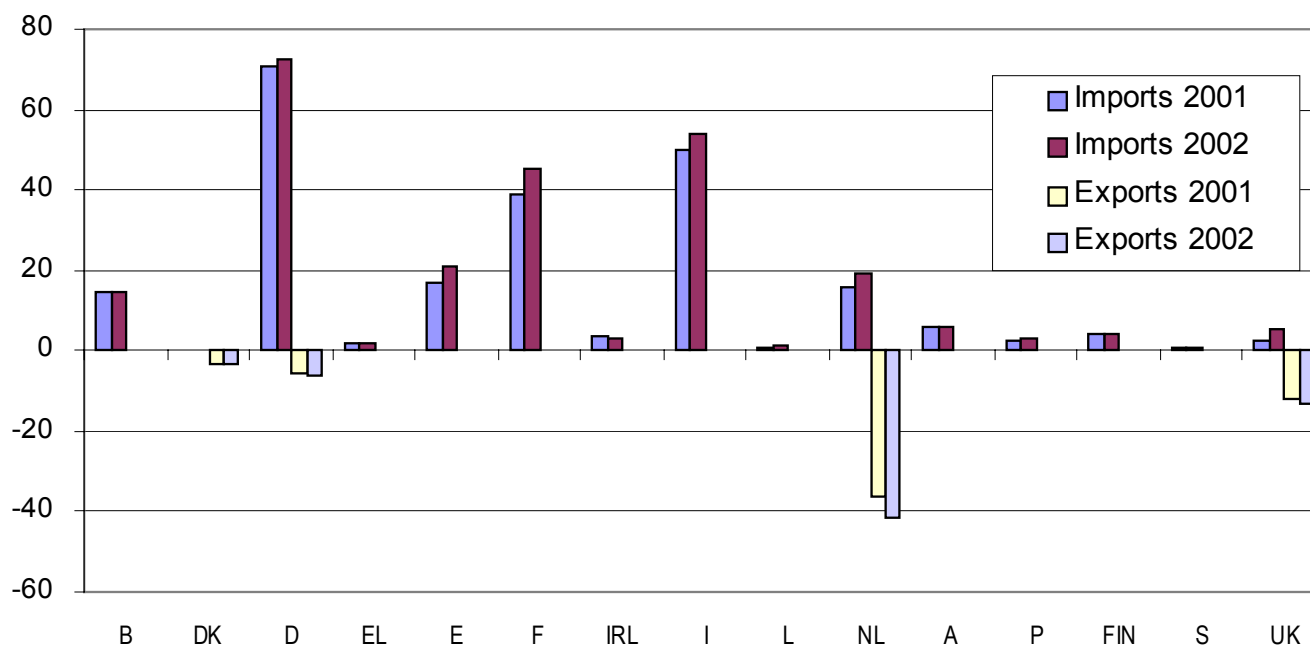


Figure 3: Total imports and exports in million toe (GCV) (+ : imports ; - : exports)

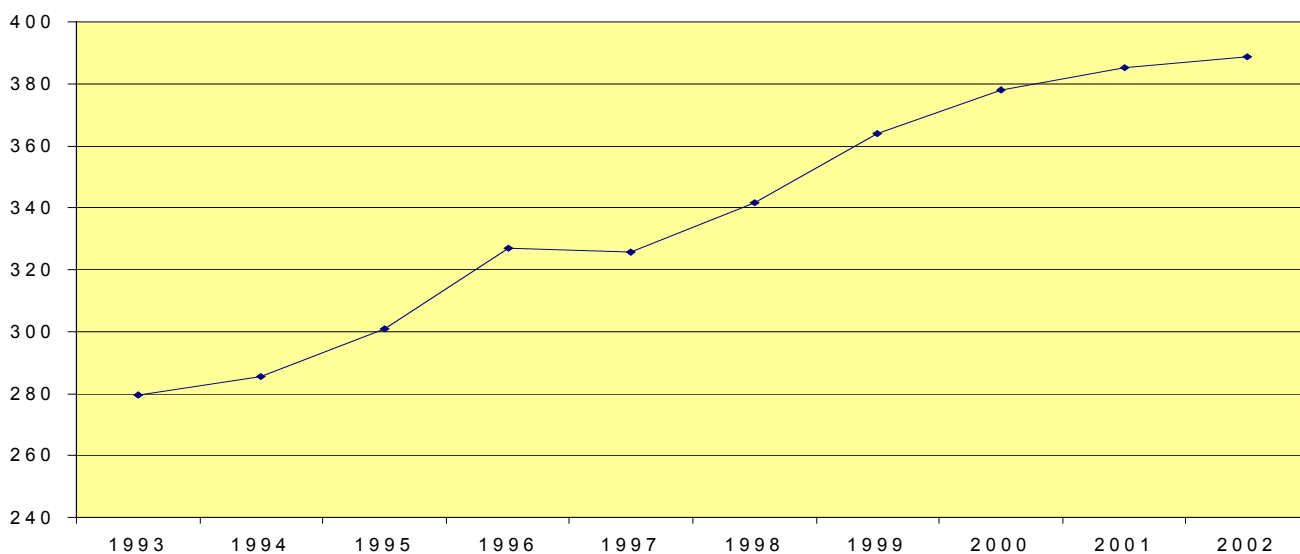


Figure 4: Gross inland consumption in the EU Member States in million toe (GCV)

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