

Contents

Provisional data for 2004



Statistical aspects of the natural gas economy in 2004

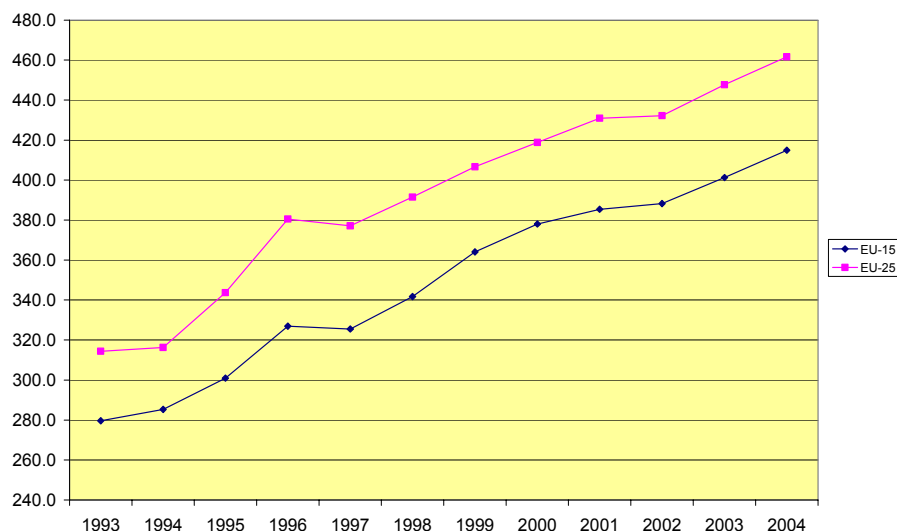


Figure 1: Gross inland consumption in EU-15 and EU-25 in million toe (gross calorific value)

Development of Consumption

In 2004, gross domestic consumption of natural gas in EU-25 increased by 3.1% in comparison with 2003 to reach 461.7 million tonnes of oil equivalent (toe). EU-15 consumption, on the other hand, increased by 3.4%, reaching 415.7 million toe.

Portugal (+25.4%), Spain (+16.8%), Luxembourg (+12.7%), France (+12.3%) and Greece (+9.0%) registered the most significant increases. Out of the new Member States, Slovenia (+8.9%) and Poland (+6.1%) experienced the biggest increases.

The most significant decreases in consumption in comparison with 2003 were recorded in Slovakia (-4.1%), Belgium (-3.3%), Finland (-3.2%) and Hungary (-2.0%).

Supply Structure

EU-25 production of natural gas rose by 0.9% in comparison with 2003 to total 210.9 million toe. For EU-15, the increase was 0.7% and production amounted to 203.6 million toe.

Of the main EU producers, the UK registered a drop in production of 6.6%, with decreases of 7.5% in Germany, 7.1% in Italy and 0.5% in Hungary. In contrast, there was an increase in natural gas production in the Netherlands, Denmark and Poland of 15.4%, 17.9% and 8.8% respectively.

Total EU-25 imports of natural gas rose by 5.5% to total 319.2 million toe. In EU-15, these imports increased by 6.3% to total 279.3 million toe.

As for natural gas, energy dependency increased by 3.8% in EU-15 to reach 51.3%. For EU-25, there was a 2.9% increase, bringing dependency to 54.7%.

		EU-25	EU-15	Euro zone	BE	CZ	DK	DE	EE	EL	ES	FR	IE	IT	CY	LV	LT	LU	HU	MT	NL	AT	PL	PT	SI	SK	FI	SE	UK
1. Primary production	2003	209.0	202.1	91.8	0.0	0.1	8.0	17.7	0.0	0.0	0.2	1.3	0.6	12.3	0.0	0.0	0.0	0.0	2.6		57.7	1.9	4.0	0.0	0.0	0.2	0.0	0.0	102.3
	2004	210.9	203.6	98.6	0.0	0.2	9.4	16.4	0.0	0.0	0.3	1.2	0.8	11.4	0.0	0.0	0.0	0.0	2.6		66.6	1.9	4.4	0.0	0.0	0.2	0.0	0.0	95.6
	2004/2003%	0.9	0.7	7.4	0.0	94.9	17.9	-7.5	0.0	-14.7	44.1	-9.3	32.4	-7.1	0.0	0.0	0.0	0.0	-0.5		15.4	-3.4	8.8	0.0	0.0	-14.7	0.0	0.0	-6.6
2. Total imports	2003	302.6	262.8	264.9	14.5	8.6	0.0	75.9	0.7	2.2	23.4	41.5	3.3	56.5	0.0	1.6	2.6	1.2	10.9		20.6	7.6	8.4	2.9	0.9	6.2	4.5	0.8	7.9
	2004	319.2	279.3	267.0	14.2	8.0	0.0	80.1	0.6	2.4	27.3	44.8	3.1	61.1	0.0	1.9	2.6	1.3	10.2		16.7	7.9	9.1	3.7	1.0	6.3	4.4	0.9	11.4
	2003/2004%	5.5	6.3	0.8	-2.3	-7.3	0.0	5.7	-0.7	9.3	16.8	8.0	-5.4	8.2	0.0	23.9	-0.5	12.7	-5.7		-18.9	4.1	9.1	25.0	8.9	2.0	-3.2	1.8	44.0
3. Resources ⁽¹⁾	2003	511.6	464.9	356.6	14.5	8.7	8.0	93.5	0.7	2.2	23.6	42.7	3.9	68.8	0.0	1.6	2.6	1.2	13.5		78.3	9.5	12.4	2.9	0.9	6.4	4.5	0.8	110.3
	2004	530.1	482.9	365.6	14.2	8.2	9.4	96.5	0.6	2.4	27.7	45.9	3.9	72.5	0.0	1.9	2.6	1.3	12.8		83.3	9.8	13.5	3.7	1.0	6.5	4.4	0.9	107.0
	2004/2003%	3.6	3.9	2.5	-2.3	-6.2	17.9	3.2	-0.7	9.0	17.1	7.5	0.4	5.5	0.0	23.9	-0.5	12.7	-4.7		6.4	2.6	9.0	25.0	8.9	1.5	-3.2	1.8	-2.9
4. Stock change ⁽²⁾	2003	0.9	1.1	0.7	0.2	0.0	0.1	1.0	0.0	0.0	0.0	-1.4	0.0	1.1	0.0	-0.1	0.0	0.0	-0.3		0.0	-0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.3
	2004	-1.6	-1.3	-0.6	0.0	0.6	-0.2	-0.9	0.0	0.0	-0.1	0.4	0.0	0.0	0.0	-0.5	0.0	0.0	0.1		0.0	-0.1	-0.2	0.0	0.0	-0.4	0.0	0.0	-0.5
	2004/2003%	-3.2	-1.8	-0.9	-0.2	0.6	-0.2	-0.9	0.0	0.0	-0.1	0.4	0.0	0.0	0.0	-0.5	0.0	0.0	0.1		0.0	-0.1	-0.2	0.0	0.0	-0.4	0.0	0.0	-0.5
5. Total exports	2003	64.7	64.7	46.6	0.0	0.0	2.9	6.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		39.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2
	2004	66.8	66.6	52.7	0.0	0.1	4.1	7.7	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0		43.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	9.8
	2004/2003%	3.2	3.0	13.1	0.0	0.0	42.3	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		12.1	26.0	1.6	0.0	0.0	-100.0	0.0	0.0	-35.3
6. Gross inland consumption ⁽³⁾	2003	447.7	401.3	299.9	14.7	8.7	5.2	88.0	0.7	2.2	23.6	41.3	3.9	69.9	0.0	1.5	2.6	1.2	13.2		39.3	8.4	12.5	2.9	0.9	6.4	4.5	0.8	95.3
	2004	461.7	415.0	312.3	14.2	8.7	5.1	87.9	0.6	2.4	27.5	46.4	3.9	72.5	0.0	1.5	2.6	1.3	12.9		39.6	8.5	13.3	3.7	1.0	6.1	4.4	0.9	96.7
	2004/2003%	3.1	3.4	4.1	-3.3	-0.4	-0.6	-0.1	-0.7	9.0	16.8	12.3	0.4	3.8	0.0	-0.9	-0.5	12.7	-2.0		0.8	0.8	6.1	25.4	8.9	-4.1	-3.2	1.8	1.4
7. Energy Dependency Natural Gas in % ⁽⁴⁾	2003	53.1	49.4	72.8	98.8	98.9	-55.7	78.7	100.0	98.5	99.2	100.4	84.6	80.8	0.0	104.3	100.0	100.0	82.4		-46.9	78.8	66.6	100.3	100.0	97.0	100.0	100.0	-7.6
	2004	54.7	51.3	68.6	99.9	91.1	-79.8	82.4	100.0	98.8	99.2	96.5	79.7	84.2	0.0	130.5	100.0	100.0	79.3		-68.3	78.9	68.5	100.0	100.0	103.2	100.0	100.0	1.7
	2004/2003%	2.9	3.8	-5.7	1.1	-7.8	-43.2	4.7	0.0	0.3	0.0	-3.8	-5.8	4.3	0.0	25.1	0.0	0.0	-3.8		-45.6	0.2	2.8	-0.3	0.0	6.4	0.0	0.0	-121.8

(1) 1+2

⁽²⁾ + Decrease in stocks

- Increase in stocks

⁽³⁾ 1 + 2 + 4 - 5⁽⁴⁾ (2 - 5) / 6

Table 1: Provisional natural gas balance sheet (January-December 2004) in million tonnes of oil equivalent (GCV)

N.B.1: All of the data used in this publication correspond to cumulative monthly values and may differ from the annual data. By way of exception, annual values for EU-25 have been used for the period 1993-2002 on Figure 1.

N.B.2: EU-25 does not include Malta since the monthly data for this country are not available.

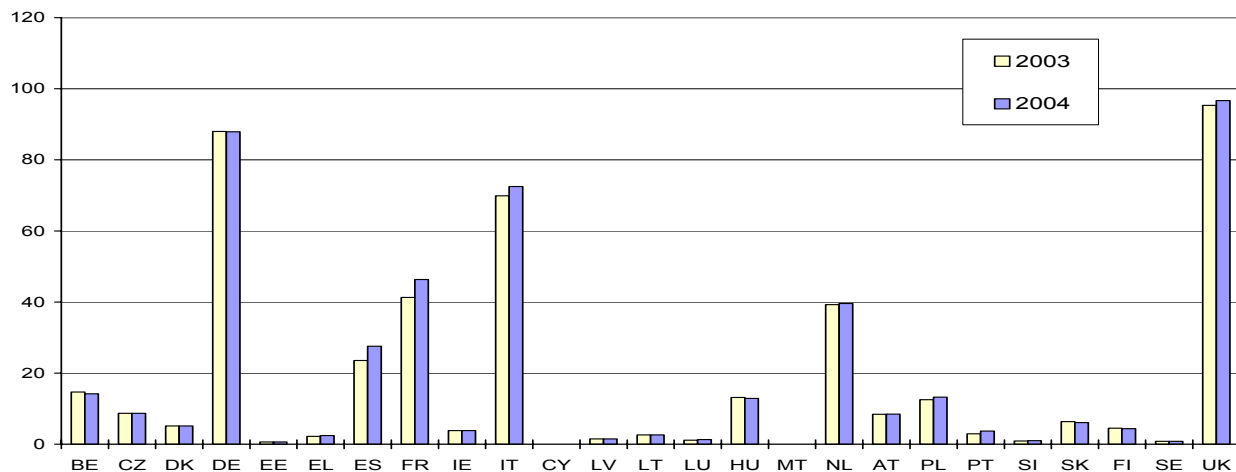


Figure 2: Gross inland consumption in million toe (GCV)

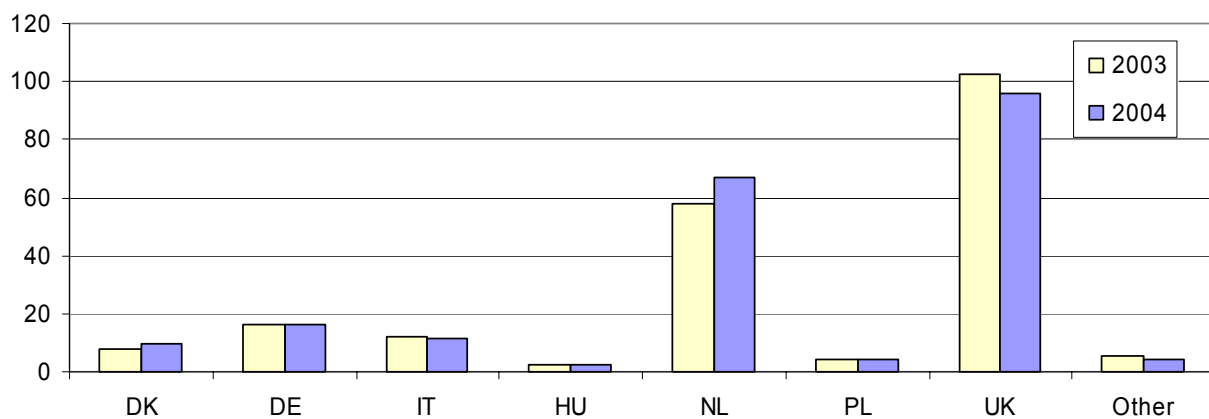


Figure 3: Primary production in million toe (GCV)

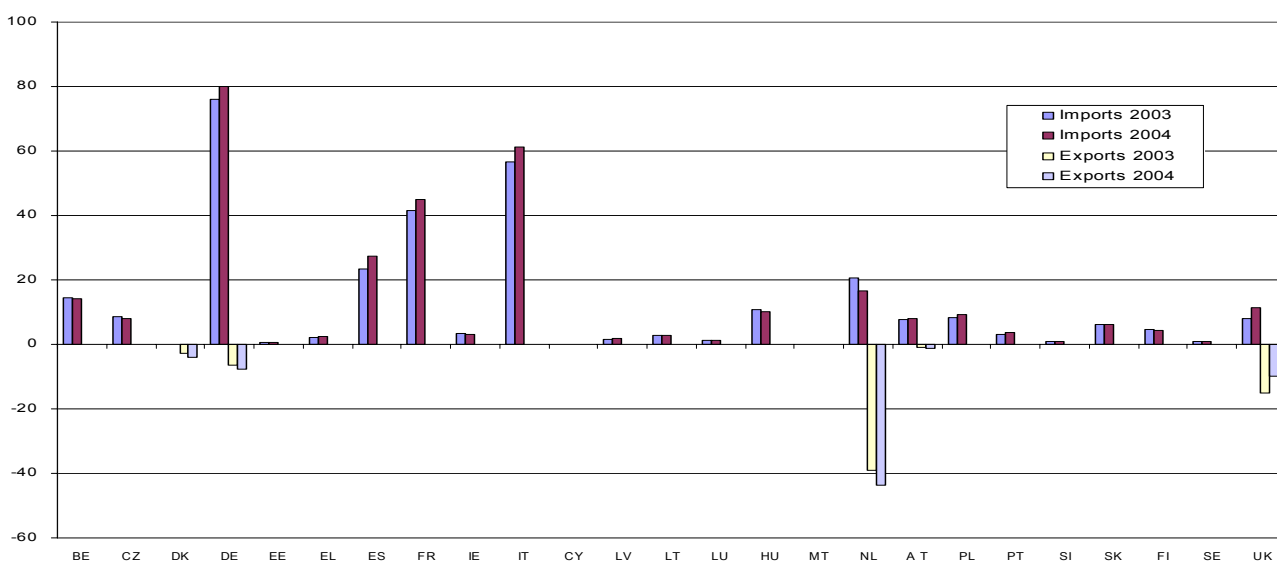


Figure 4: Total imports and exports in million toe (GCV) (+ : imports ; - : exports)

Further information:

Databases

[EUROSTAT Website/Energy/Main indicators - Energy Statistics/Energy Statistics \(ES\) - Euro-indicators in energy - monthly data/Supply of natural gas - monthly data](#)

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