



Statistical aspects of the natural gas economy in 2005

**EU-25 consumption of natural gas rose by 2.9% and production
fell by 5.8%**

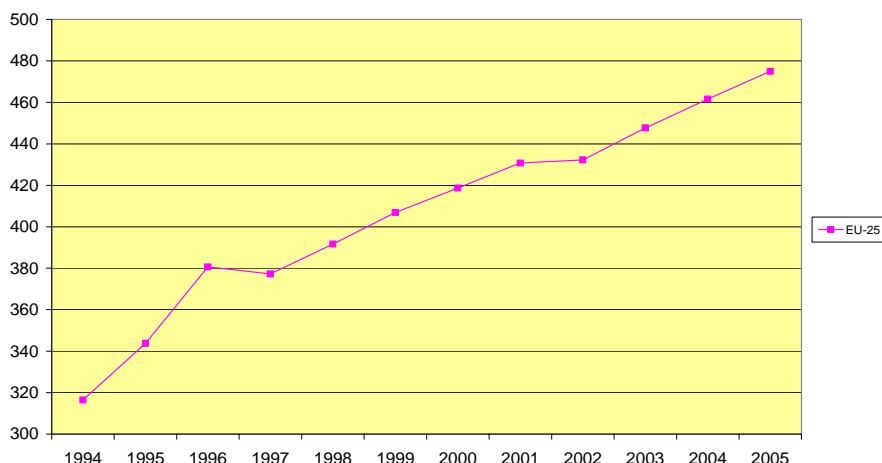


Figure 1: Gross inland consumption in EU-25 in million toe (gross calorific value)

Consumption trends

In 2005 the gross domestic consumption of natural gas in EU-25 rose by 2.9% compared with 2004 to reach 475.0 million tonnes of oil equivalent (toe).

Spain (+22.9%), Estonia (+18.2%), Portugal (+13.6%), Italy (+8.1%), Greece (+6.8%), Lithuania (+6.6%), Austria (+6.1%) and Hungary (+3.6%) were the EU-25 countries with the biggest increases.

The biggest falls in consumption compared with 2004 were in Finland (-9.3%), Luxembourg (-4.9%), Sweden (-4.7%), Denmark (-4.3%) and Belgium (-2.4%).

Structure of supply

Natural gas production in EU-25 fell by 5.8% in 2005 compared with 2004 and amounted to 198.6 million toe.

Among the major EU producers, the United Kingdom reduced production by 7.7%, the Netherlands by 5.9%, Germany by 3.4%, Italy by 4.0%, Hungary by 3.0% and Poland by 1.7%. In Denmark, on the other hand, production of natural gas increased by 10.8%.

Total imports of natural gas by EU-25 went up by 6.8% to reach 340.7 million toe, although this figure includes imports from the Member States.

The energy dependency in the case of natural gas rose by 6.2% in EU-25 to reach 58.0%.

		EU-25	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	2004	210.9	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	0.0	66.6	1.9	4.4	0.0	0.0	0.2	0.0	0.0	95.6
	2005	198.6	92.9	0.0	0.2	10.5	15.8	0.0	0.0	0.2	1.2	0.5	10.9	0.0	0.0	0.0	0.0	2.5	0.0	62.7	1.5	4.3	0.0	0.0	0.1	0.0	0.0	88.2
	2005/2004%	-5.8	-5.8	0.0	-9.5	10.8	-3.4	0.0	-30.8	-53.7	4.0	-35.8	-4.0	0.0	0.0	0.0	0.0	-3.0	0.0	-5.9	-16.7	-1.7	0.0	0.0	-11.4	0.0	0.0	-7.7
2. Total imports	2004	319.1	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	0.0	16.7	7.9	9.1	3.7	1.0	6.3	4.4	0.9	11.4
	2005	340.7	284.3	14.0	8.5	0.0	81.7	0.8	2.6	34.0	45.3	3.3	66.7	0.0	1.6	2.8	1.3	10.9	0.0	18.3	8.8	9.5	4.3	1.0	6.1	4.0	0.8	14.4
	2004/2005%	6.8	6.5	-1.7	6.3	0.0	2.0	18.2	7.3	24.3	1.2	7.4	9.1	0.0	-17.5	6.6	-4.9	6.7	0.0	10.0	11.3	4.5	17.8	3.1	-3.8	-9.3	-4.7	26.3
3. Resources ⁽¹⁾	2004	530.0	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	0.0	83.3	9.8	13.4	3.7	1.0	6.5	4.4	0.9	107.0
	2005	539.3	377.1	14.0	8.6	10.5	97.5	0.8	2.6	34.1	46.5	3.8	77.7	0.0	1.6	2.8	1.3	13.4	0.0	81.0	10.4	13.8	4.3	1.0	6.2	4.0	0.8	102.7
	2005/2004%	1.8	3.2	-1.7	5.9	10.8	1.0	18.2	6.8	23.3	1.3	-1.4	7.1	0.0	-17.5	6.6	-4.9	4.7	0.0	-2.7	6.0	2.5	17.8	3.1	-4.0	-9.3	-4.7	-4.1
4. Stock change ⁽²⁾	2004	-1.6	-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	0.0	-0.1	-0.2	0.0	0.0	-0.4	0.0	0.0	-0.5
	2005	0.8	0.8	-0.1	0.0	0.0	1.0	0.0	0.0	-0.3	-0.3	0.0	1.0	0.0	-0.1	0.0	0.0	-0.1	0.0	0.0	-0.5	-0.2	-0.2	0.0	0.0	0.0	0.0	0.2
	2005/2004%	-2.5	-2.3	0.0	-3.2	36.1	11.8	0.0	0.0	0.0	0.0	0.0	436.3	0.0	0.0	0.0	0.0	0.0	0.0	-4.6	-27.4	-5.1	0.0	0.0	0.0	0.0	0.0	-20.0
5. Total exports	2004	66.8	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	0.0	43.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	9.8
	2005	65.1	51.5	0.0	0.1	5.6	8.7	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	41.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	7.9
	2005/2004%	-2.5	-2.3	0.0	-3.2	36.1	11.8	0.0	0.0	0.0	0.0	0.0	0.0	436.3	0.0	0.0	0.0	0.0	0.0	-4.6	-27.4	-5.1	0.0	0.0	0.0	0.0	0.0	-20.0
6. Gross inland consumption ⁽³⁾	2004	461.6	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	0.0	39.6	8.5	13.2	3.7	1.0	6.1	4.4	0.9	96.7
	2005	475.0	326.4	13.9	8.6	4.9	89.8	0.8	2.6	33.9	46.3	3.8	78.4	0.0	1.5	2.8	1.3	13.4	0.0	39.3	9.0	13.5	4.2	1.0	6.2	4.0	0.8	95.0
	2005/2004%	2.9	4.5	-2.4	-1.1	-4.3	2.2	18.2	6.8	22.9	-0.2	-1.7	8.1	0.0	1.9	6.6	-4.9	3.6	0.0	-0.6	6.1	2.6	13.6	3.1	2.3	-9.3	-4.7	-1.7
7. Energy Dependency ⁽⁴⁾	2004	54.7	68.6	99.9	91.1	-79.8	82.4	100.0	98.8	99.2	96.5	79.3	84.2	0.0	130.5	100.0	100.0	79.3	0.0	-68.3	78.9	68.4	100.0	100.0	103.2	100.0	100.0	1.7
	2005	58.0	71.3	100.6	98.0	-113.5	81.3	100.0	99.2	100.3	98.0	86.6	84.7	0.0	105.6	100.0	100.0	81.7	0.0	-59.3	88.0	69.7	103.7	100.0	103.2	97.0	100.0	6.9

(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 2005) in million tonnes of oil equivalent (GCV)

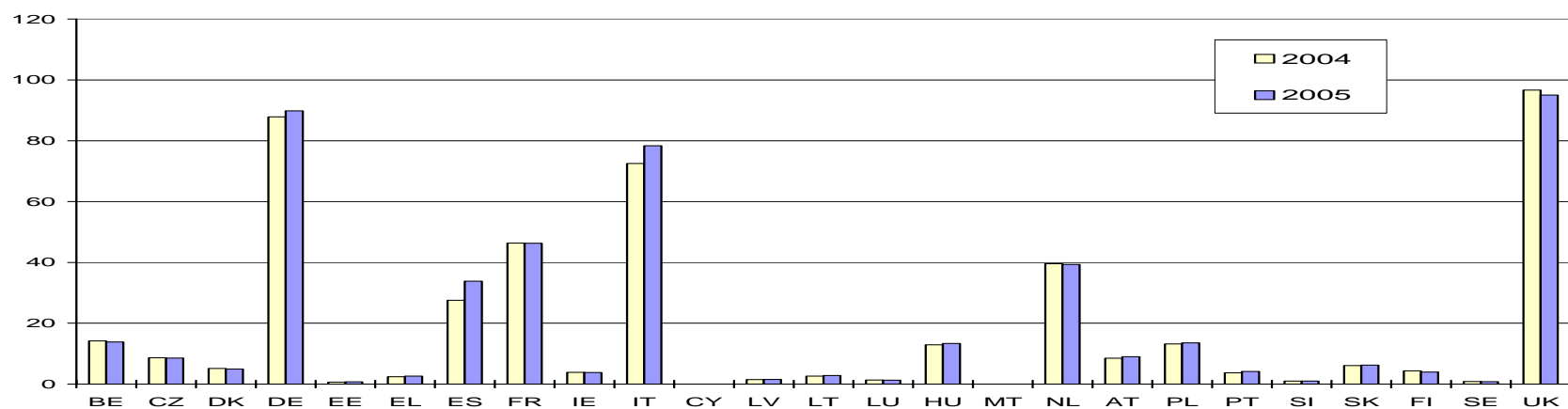


Figure 2: Gross inland consumption in million toe (GCV)

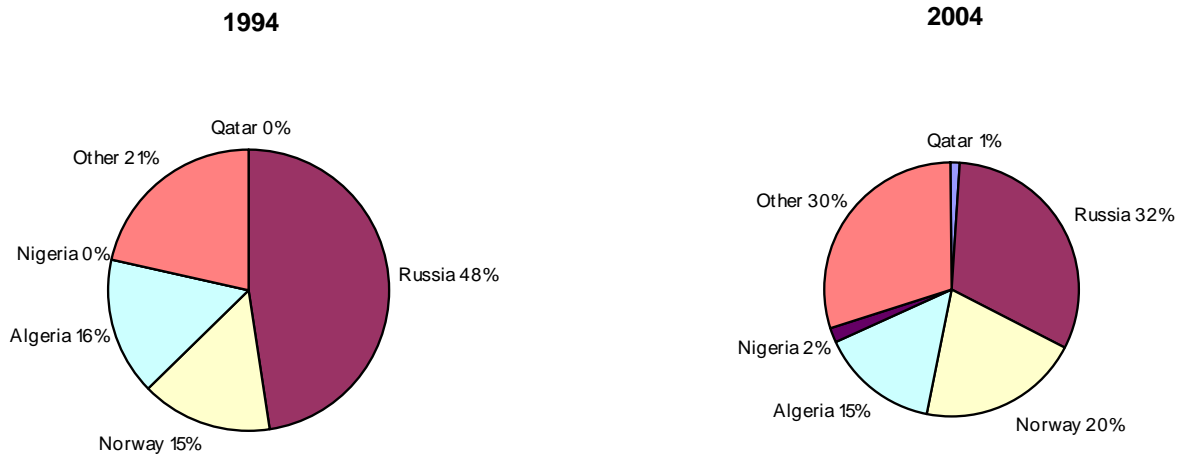


Figure 3: EU-25 gas imports by country of origin, percentage, 1994 and 2004

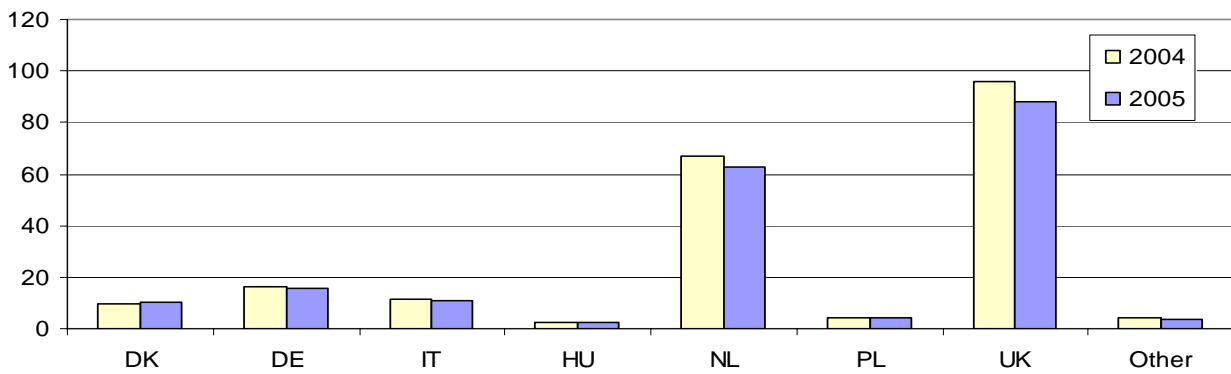


Figure 4: Primary production in million toe (GCV)

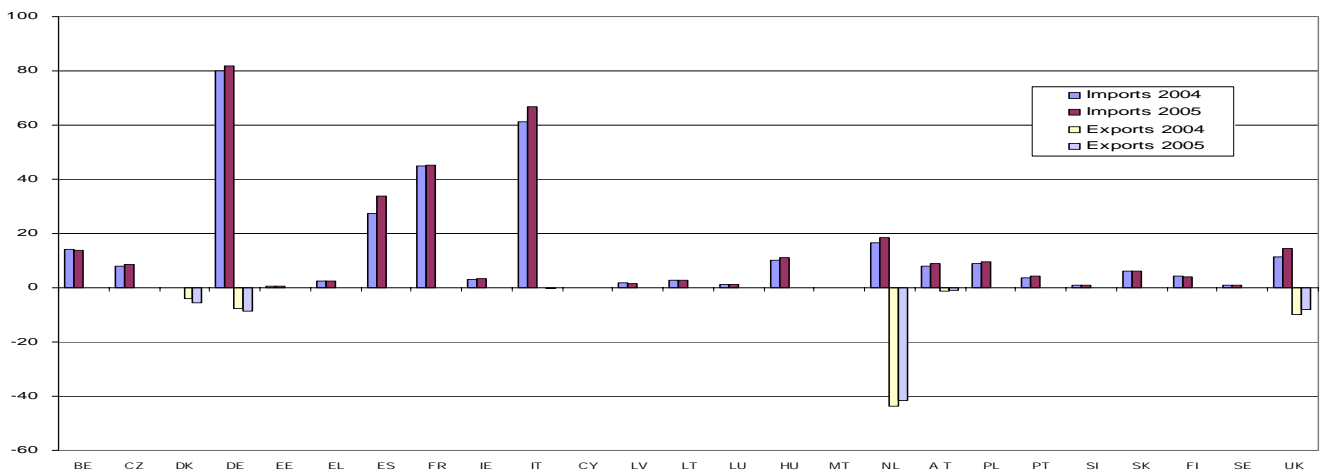


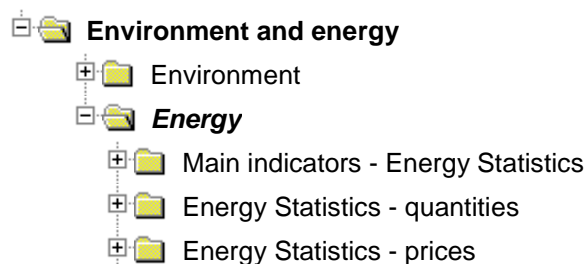
Figure 5: Total imports and exports in million toe (GCV) (+ : imports ; - : exports)

METHODOLOGICAL NOTES

N.B.: All data used in this publication correspond to cumulative monthly figures and may differ from the annual data. By way of exception, annual values for EU-25 for the period 1994-2002 have been used in Figure 1. Annual values have also been used for Figure 3.

Further information:

Data: [EUROSTAT Website/Home page/Environment and energy/Data](#)



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