

# Electricity Statistics

## Provisional data for 2004

IN 2004, ELECTRICITY PRODUCTION INCREASED IN BOTH THE EU-25 AND EU-15  
BY 1.3%

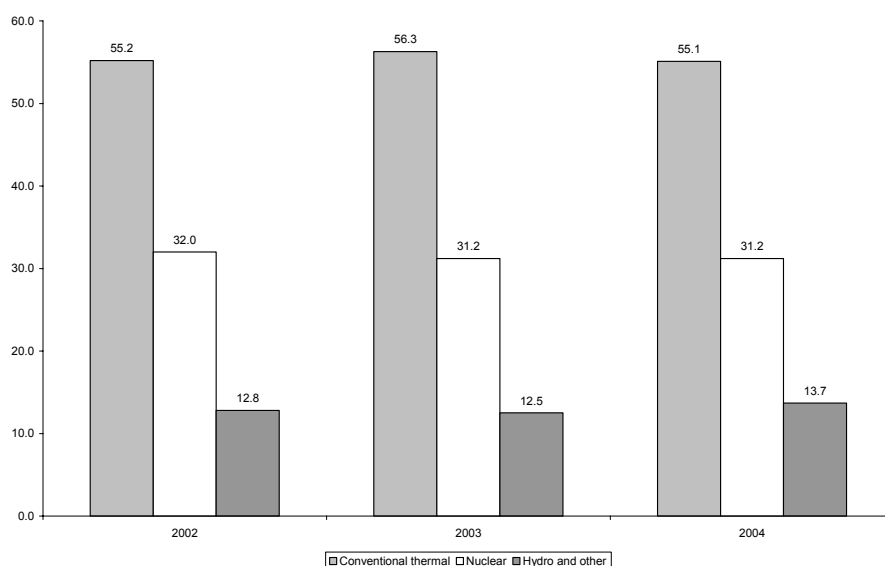


Figure 1: Contribution of sources to total production in % for EU-25

In 2004, electricity generation in the EU-25 increased (+1.3%) compared with 2003. Generation in the EU-15 also grew by 1.3%. The largest increases were recorded in Latvia (+18.4%), Luxembourg (+14.3%), Sweden (+11.8%) and Slovenia (+10.7%). Denmark (-12.3%), Portugal (-4.2%), Lithuania (-3.4%), Greece (-3.1%) and Slovakia (-2.8%), all recorded declines in generation.

As regards the structure of generation in 2004:

- The generation of conventional thermal energy declined by 0.8% in both the EU-25 and the EU-15, and accounted for 55.1% and 53% respectively of total generation;
- The generation of nuclear energy increased in both EU-25 and EU-15 (+1.3%), and accounted for 31.2% and 32.4% respectively of the total;
- The generation of hydraulic energy increased by 10.4% in the EU-25 and by 9.6% in the EU-15, and represented 13.7% and 14.6% of the total.

In 2004, the EU-25 was a net exporter (1.5 TWh), or 0.05% of generation, while total net energy imports into EU-15 amounted to 26.1 TWh, which is equivalent to 0.98% of generation.

Energy supplied in 2004 was 2953.2 TWh in the EU-25, and 2656.5 TWh in the EU-15, which represents an increase of 1% compared with 2003.

Norway recorded increases in both total generation (+3.8%) and energy supplied (+6.8%).

In Bulgaria and Romania generation fell by 2.1% in 2004 whereas in Croatia and Turkey it increased (+11.6% and +6.2% respectively). Energy supplied decreased in Bulgaria and Romania (-3.1% and -0.6%) and increased in Turkey (+5.3%) and Croatia (+3.1%).

Statistics  
in focus

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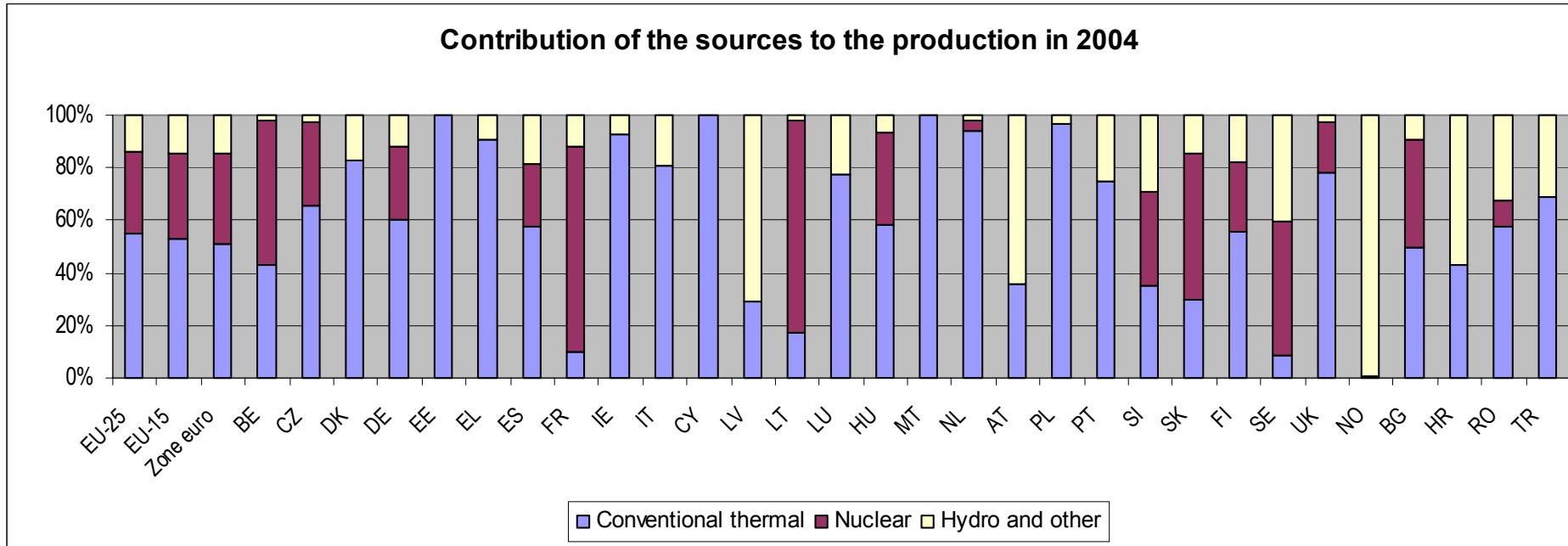
Beitrag zur Elektrizitätserzeugung nach Herkunft in %

Contribution of the sources to the production in %

Contribution des sources à la production en %

	EU-25	EU-15	Zone euro	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	NO	BG	HR	RO	TR
<b>Herkömmliche Wärmekraftwerke</b>															<b>Conventional thermal</b>															<b>Thermique classique</b>			
2002	55.2	53.1	51.5	40.5	71.0	86.6	62.7	100.0	92.1	59.2	9.9	93.3	80.4	100.0	35.9	14.3	72.2	59.7	100.0	94.6	31.5	97.0	80.6	37.0	27.7	55.2	7.9	75.8	0.5	44.3	54.2	59.4	72.9
2003	56.3	54.1	52.1	42.7	65.8	87.2	64.6	100.0	88.4	54.4	10.5	94.2	81.8	100.0	39.5	14.0	74.3	66.6	100.0	94.4	37.3	97.5	63.8	38.2	30.3	61.0	10.3	76.6	0.8	50.0	59.5	66.9	74.0
2004	55.1	53.0	51.0	42.8	65.3	82.8	60.1	100.0	90.5	57.4	10.0	92.8	80.8	100.0	28.9	16.9	77.5	58.0	100.0	94.2	35.7	97.0	74.7	35.2	29.7	55.3	8.8	78.3	0.8	49.5	43.0	57.7	68.7
<b>Kernenergie</b>															<b>Nuclear</b>															<b>Nucléaire</b>			
2002	32.0	33.3	35.2	57.6	25.0	0.0	29.2	0.0	0.0	25.9	77.9	0.0	0.0	0.0	0.0	80.1	0.0	39.7	0.0	4.0	0.0	0.0	0.0	38.4	54.3	29.9	45.7	21.9	0.0	48.7	0.0	10.0	0.0
2003	31.2	32.4	34.0	55.6	31.8	0.0	27.7	0.0	0.0	23.6	77.6	0.0	0.0	0.0	0.0	79.8	0.0	32.8	0.0	4.1	0.0	0.0	0.0	38.2	56.8	27.1	49.4	21.5	0.0	41.7	0.0	8.6	0.0
2004	31.2	32.4	34.1	55.1	32.1	0.0	27.8	0.0	0.0	23.9	78.1	0.0	0.0	0.0	0.0	80.8	0.0	35.3	0.0	3.8	0.0	0.0	0.0	35.9	55.9	26.6	50.6	19.3	0.0	41.5	0.0	9.9	0.0
<b>Wasserkraft &amp; Sonstige</b>															<b>Hydro and other</b>															<b>Hydraulique et autres</b>			
2002	12.8	13.6	13.4	1.9	4.0	13.4	8.1	0.0	7.9	14.9	12.3	6.7	19.6	0.0	64.1	5.6	27.8	0.6	0.0	1.4	68.7	3.0	19.4	24.6	18.0	14.9	46.4	2.3	99.5	7.0	45.8	30.7	27.1
2003	12.5	13.5	13.9	1.7	2.3	12.8	7.7	0.0	11.6	22.0	11.9	5.8	18.2	0.0	60.5	6.2	25.7	0.6	0.0	1.5	62.7	2.5	36.2	23.7	12.9	11.8	40.3	1.9	99.2	8.3	40.5	24.5	26.0
2004	13.7	14.6	14.9	2.1	2.6	17.2	12.1	0.0	9.5	18.7	11.9	7.2	19.2	0.0	71.1	2.3	22.5	6.6	0.0	2.0	64.3	3.0	25.3	29.0	14.3	18.1	40.6	2.5	99.2	9.0	57.0	32.4	31.3

Table 2: Contribution of sources to total production of electricity



## ***Further information:***

### **Databases**

[EUROSTAT Website/Environment and energy/Energy/Energy Statistics \(ES\) - quantities/Energy Statistics \(ES\) - supply, transformation, consumption](#)

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