

# Statistics in focus

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Author

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## Contents

Provisional data for 2005



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# Electricity Statistics Provisional data for 2005

IN 2005, ENERGY SUPPLIED INCREASED IN EU-25 BY 0.4%

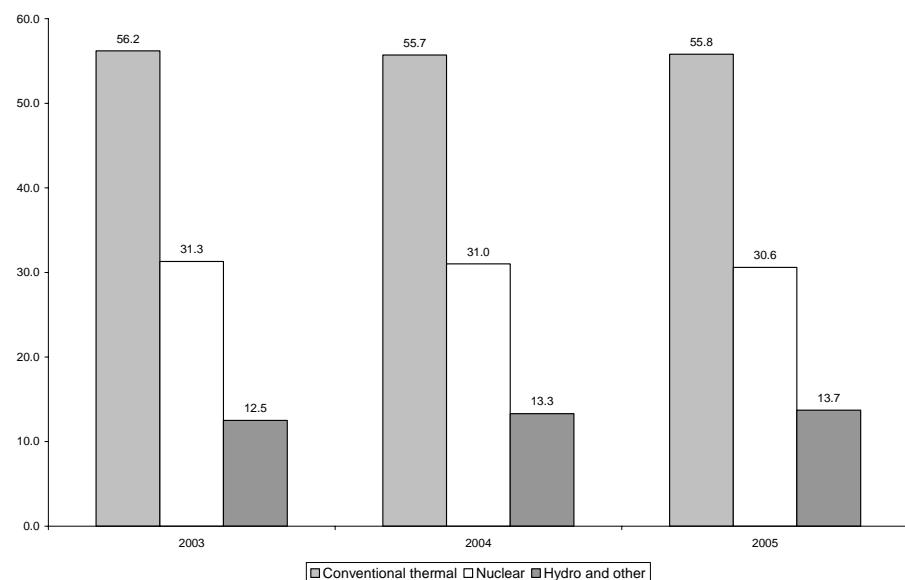


Figure 1: Contribution of sources to total production in % for EU-25

In 2005, electricity generation in the EU-25 declined (-0.2%) compared with 2004. The largest decreases were recorded in Lithuania (-25.4%), Finland (-17.3%) and Denmark (-10.7%). Latvia (+6.8%), Cyprus (+5.1%), Sweden (+4.2%), Slovakia (+3.9%) and Poland (+3.8%) are the Member States which recorded the largest increases in electricity generation.

As regards the structure of generation in 2005:

- The generation of conventional thermal energy declined by 0.1% in the EU-25 and accounted for 55.8% of total generation;
- The generation of nuclear energy also declined in the EU-25 (-1.4%) and accounted for 30.6% of the total;
- The generation of hydro and wind energy increased by 2.1% in the EU-25 and represented 13.7% of the total.

In 2005, the EU-25 was a net importer of electricity (16.3 TWh or 0.54% of generation).

Energy supplied in 2005 was 2990.3 TWh in the EU-25 which represents an increase of 0.4% compared with 2004.

Norway recorded increases in both total generation (+24.7%) and energy supplied (+2.7%).

In Turkey, Bulgaria and Romania generation increased in 2005 by 7.5%, 5.9% and 2.1% respectively, whereas in Croatia it fell by 0.8%. Energy supplied increased in Turkey, Croatia and Bulgaria (+7.1%, +4.9% and +1%) and decreased in Romania by -1.2%.

## ELEKTRIZITÄT STATISTIK

ELECTRICITY STATISTICS  
TWh

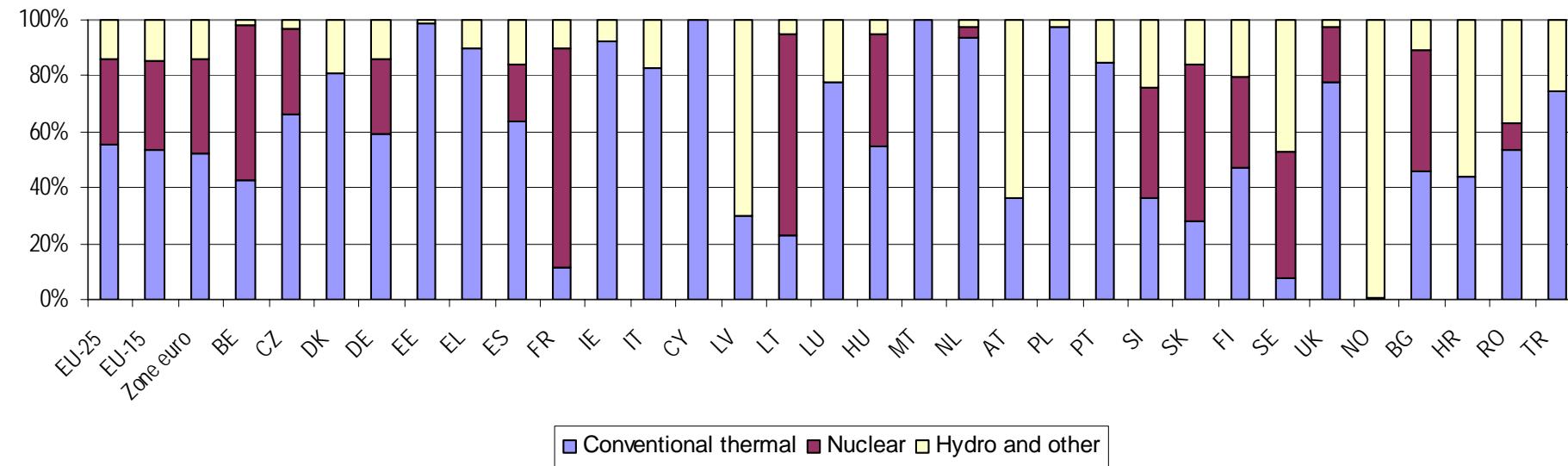
## STATISTIQUES DE L'ELECTRICITE

	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>Gesamt-Nettoerzeugung</b>																													<b>Production totale nette</b>					
2003	2958.4	2633.9	2076.7	80.8	76.7	43.7	564.7	9.1	54.3	250.1	542.3	24.1	280.2	3.8	3.8	17.8	3.5	31.4	1.9	92.9	58.0	138.4	45.4	12.9	28.7	80.4	132.6	380.9	106.9	38.5	12.1	51.3	135.2	
2004	3025.9	2694.3	2128.9	81.6	77.9	38.4	571.8	9.2	54.9	268.6	549.0	24.4	290.0	3.9	4.4	17.7	4.1	33.2	2.1	96.6	62.3	140.7	43.5	14.3	28.2	82.1	148.5	378.5	109.8	37.5	12.8	52.6	145.1	
2005	3020.3	2689.4	2118.9	82.2	75.6	34.3	579.3	9.2	52.9	265.2	549.4	23.7	289.7	4.1	4.7	13.2	4.1	32.6	2.1	96.0	63.9	146.0	44.6	14.1	29.3	67.9	154.8	381.4	136.9	39.7	12.7	53.7	156.0	
04/03	2.3%	2.3%	2.5%	1.0%	1.6%	-12.1%	1.3%	1.1%	1.1%	7.4%	1.2%	1.2%	3.5%	2.6%	15.8%	-0.6%	17.1%	5.7%	10.5%	4.0%	7.4%	1.7%	-4.2%	10.9%	-1.7%	2.1%	12.0%	-0.6%	2.7%	-2.6%	5.8%	2.5%	7.3%	
05/04	-0.2%	-0.2%	-0.5%	0.7%	-3.0%	-10.7%	1.3%	0.0%	-3.6%	-1.3%	0.1%	-2.9%	-0.1%	5.1%	6.8%	-25.4%	0.0%	-1.8%	0.0%	-0.6%	2.6%	3.8%	2.5%	-1.4%	3.9%	-17.3%	4.2%	0.8%	24.7%	5.9%	-0.8%	2.1%	7.5%	
Davon :																																		
<b>Herkömmliche Wärmekraftwerke</b>																																		
2003	1662.6	1423.7	1082.6	34.5	50.5	38.1	364.9	9.1	48.0	135.2	57.2	22.7	229.2	3.8	1.5	2.5	2.6	20.9	1.9	87.4	23.0	135.0	28.9	5.0	8.7	49.0	13.3	289.7	0.9	19.2	7.2	33.9	100.1	
2004	1685.2	1444.9	1108.2	35.0	50.5	31.8	360.5	9.2	48.6	157.9	56.0	22.8	232.8	3.9	1.4	2.7	3.2	20.0	2.1	90.8	22.8	136.9	32.7	5.1	8.5	45.1	12.9	292.0	0.9	18.6	5.8	31.4	99.2	
2005	1684.2	1441.2	1105.4	35.2	49.9	27.7	343.9	9.1	47.5	168.2	62.2	21.9	240.4	4.1	1.4	3.0	3.2	17.9	2.1	90.0	23.4	142.1	37.7	5.1	8.3	31.8	12.2	295.9	0.9	18.2	5.6	28.8	116.4	
04/03	1.4%	1.5%	2.4%	1.4%	0.0%	-16.5%	-1.2%	1.1%	1.3%	16.8%	-2.1%	0.4%	1.6%	2.6%	-6.7%	8.0%	23.1%	-4.3%	10.5%	3.9%	-0.9%	1.4%	13.1%	2.0%	-2.3%	-8.0%	-3.0%	0.8%	0.0%	-3.1%	-19.4%	-7.4%	-0.9%	
05/04	-0.1%	-0.3%	-0.6%	-1.2%	-4.6%	-1.1%	-2.3%	6.5%	11.1%	-3.9%	3.3%	5.1%	0.0%	-11.1%	-10.5%	0.0%	-0.9%	2.6%	3.8%	15.3%	0.0%	-2.4%	-29.5%	-5.4%	1.3%	0.0%	-2.2%	-3.4%	-8.3%	17.3%				
<b>Kernenergie</b>																																		
2003	924.8	854.6	707.2	44.9	24.4		156.5			59.5	420.7				14.2		10.3			3.8			5.0	18.3	21.8	65.5	81.9		16.0		4.5			
2004	936.9	866.3	717.6	44.9	24.8		158.4			61.2	427.7				13.9		11.1			3.6			5.2	15.6	21.8	75.0	73.7		15.6		5.1			
2005	923.8	856.0	711.3	45.3	23.3		155.0			54.9	430.0				9.5		13.0			3.8			5.6	16.4	22.3	69.5	75.2		17.3		5.1			
04/03	1.3%	1.4%	0.0%	1.6%	1.2%		1.2%			2.9%	1.7%				-2.1%			7.8%		-5.3%			4.0%	-4.3%	0.0%	14.5%	-10.0%		-2.5%		13.3%			
05/04	-1.4%	-1.2%	-0.9%	0.9%	-6.0%		-2.1%			-10.3%	0.5%				-31.7%			17.1%		5.6%			7.7%	5.1%	2.3%	-7.3%	2.0%		10.9%		0.0%			
<b>Wasserkraft &amp; Sonstige</b>																																		
2003	371.0	355.6	286.9	1.4	1.8	5.6	43.3	0.0	6.3	55.4	64.4	1.4	51.0	2.3	1.1	0.9	0.2	1.7	35.0	3.4	16.5	2.9	3.7	9.6	53.8	9.3	106.0	3.3	4.9	12.9	35.1			
2004	403.8	383.1	303.1	1.7	2.6	6.6	52.9	0.0	6.3	49.5	65.3	1.6	57.2	3.0	1.1	0.9	2.1	2.2	39.5	3.8	10.8	4.0	4.1	15.2	60.6	12.8	108.9	3.3	7.0	16.1	45.9			
2005	412.3	392.2	302.2	1.7	2.4	6.6	60.4	0.1	5.4	42.1	57.2	1.8	49.3	3.3	0.7	0.9	1.7	2.2	40.5	3.9	6.9	3.4	4.6	13.8	73.1	10.3	136.0	4.2	7.1	19.8	39.6			
04/03	8.8%	7.7%	5.6%	21.4%	44.4%	17.9%	22.2%	0.0%	-10.6%	1.4%	14.3%	12.2%		30.4%	0.0%			29.4%	12.9%	11.8%	-34.5%	37.9%	10.8%	58.3%	12.6%	37.6%	2.7%	0.0%	42.9%	24.8%	30.8%			
05/04	2.1%	2.4%	-0.3%	0.0%	-7.7%	0.0%	52.0%		-14.3%	-14.9%	-12.4%	12.5%	-13.8%		10.0%	-36.4%			0.0%	2.5%	2.6%	-36.1%	-15.0%	12.2%	-9.2%	20.6%	-19.5%	24.9%	27.3%	1.4%	23.0%	-13.7%		
<b>Einführen</b>																																		
2003	286.0	235.3	198.9	14.7	10.1	7.0	46.8	0.1	4.2	9.5	6.9	1.2	51.5	0.0	2.7	4.1	6.5	14.1	0.0	20.8	19.0	5.0	5.9	6.0	6.6	11.9	24.3	5.1	13.4	1.3	4.5	1.0	1.2	
2004	277.2	229.3	195.2	14.6	9.8	8.7	48.2	0.3	4.9	8.1	6.6	1.6	46.4	0.0	2.7	4.3	6.5	10.5	0.0	21.4	16.6	5.3	8.6	7.7	11.7	15.6	9.8	15.3	0.7	5.3	2.6	0.5		
2005	313.3	256.9	218.2	14.3	12.4	12.9	53.4	0.3	2.8	9.5	8.0	2.0	50.3	0.0	2.9	5.6	6.3	15.0	0.0	23.7	20.4	5.0	9.6	7.2	8.0	17.9	14.6	11.2	3.7	0.8	8.8	2.3	0.6	
04/03	-3.1%	-2.5%	-1.9%	-0.7%	-3.0%	24.3%	3.0%		16.7%	-14.7%	-4.3%	33.3%	-9.9%		0.0%	4.9%	0.0%	-25.5%		2.9%	-12.6%	6.0%	45.8%	5.0%	1.2%	-1.7%	-35.8%	92.2%	-46.2%	17.8%		-58.3%		
05/04	13.0%	12.0%	11.8%	-2.1%	26.5%	48.3%	10.8%		-42.9%	17.3%	21.2%	25.0%	8.4%		7.4%	30.2%	-3.1%	42.9%		10.7%	22.9%	-5.7%	11.6%	14.3%	-8.0%	53.0%	-6.4%	14.3%	14.3%	66.0%	20.0%			
<b>Ausführen</b>																																		
2003	278.9	200.0	169.9	8.3	26.3	15.6	47.2	2.0	2.1	8.3	73.4	0.0	0.5	0.0	0.0	11.7	2.8	7.1	0.0	3.8	13.4	15.1	3.1	5.8	10.9	7.0	11.5	3.0	5.5	6.8	0.6	3.0	0.6	
2004	277.2	202.1	170.6	6.8	25.5	11.5	50.8	2.1	2.0	11.1	68.4	0.0	0.8	0.0	0.6	11.5	3.1	3.1	0.0	5.2	13.5	14.6	2.1	7.1	10.6	6.8	17.7	2.3	3.8	6.6	1.6	3.8	1.1	
2005	297.0	216.9	180.5	8.0</td																														

	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>Thermique classique</b>					
2003   56.2 54.1 52.1 42.7 65.8 87.2 64.6 100.0 88.4 54.1 10.5 94.2 81.8 100.0 39.5 14.0 74.3 66.6 100.0 94.1 39.7 97.5 63.7 38.8 30.3 60.9 10.0 76.1   0.8   49.9 59.5 66.1 74.0																																	
2004   55.7 53.6 52.1 42.9 64.8 82.8 63.0 100.0 88.5 58.8 10.2 93.4 80.3 100.0 31.8 15.3 78.0 60.2 100.0 94.0 36.6 97.3 75.2 35.7 30.1 54.9 8.7 77.1   0.8   49.6 45.3 59.7 68.4																																	
2005   55.8 53.6 52.2 42.8 66.0 80.8 59.4 98.9 89.8 63.4 11.3 92.4 83.0 100.0 29.8 22.7 78.0 54.9 100.0 93.8 36.6 97.3 84.5 36.2 28.3 46.8 7.9 77.6   0.7   45.8 44.1 53.6 74.6																																	
<b>Kernenergie</b>																												<b>Nucléaire</b>					
2003   31.3 32.4 34.1 55.6 31.8 0.0 27.7 0.0 0.0 23.8 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 38.8 56.8 27.1 49.4 21.5   0.0   41.6 0.0 8.8 0.0																																	
2004   31.0 32.2 33.7 55.0 31.8 0.0 27.7 0.0 0.0 22.8 77.9 0.0 0.0 0.0 0.0 78.5 0.0 33.4 0.0 3.7 0.0 0.0 0.0 36.4 55.3 26.6 50.5 19.5   0.0   41.6 0.0 9.7 0.0																																	
2005   30.6 31.8 33.6 55.1 30.8 0.0 26.8 0.0 0.0 20.7 78.3 0.0 0.0 0.0 0.0 72.0 0.0 39.9 0.0 4.0 0.0 0.0 0.0 39.7 56.0 32.8 44.9 19.7   0.0   43.6 0.0 9.5 0.0																																	
<b>Wasserkraft &amp; Sonstige</b>																												<b>Hydraulique et autres</b>					
2003   12.5 13.5 13.8 1.7 2.3 12.8 7.7 0.0 11.6 22.2 11.9 5.8 18.2 0.0 60.5 6.2 25.7 0.6 0.0 1.8 60.3 2.5 36.3 22.5 12.9 11.9 40.6 2.4   99.2   8.6 40.5 25.1 26.0																																	
2004   13.3 14.2 14.2 2.1 3.3 17.2 9.3 0.0 11.5 18.4 11.9 6.6 19.7 0.0 68.2 6.2 22.0 6.3 0.0 2.3 63.4 2.7 24.8 28.0 14.5 18.5 40.8 3.4   99.2   8.8 54.7 30.6 31.6																																	
2005   13.7 14.6 14.3 2.1 3.2 19.2 13.9 1.1 10.2 15.9 10.4 7.6 17.0 0.0 70.2 5.3 22.0 5.2 0.0 2.3 63.4 2.7 15.5 24.1 15.7 20.3 47.2 2.7   99.3   10.6 55.9 36.9 25.4																																	

Table 2: Contribution of sources to total production of electricity

### Contribution of the sources to the production in 2005



## **Further information:**

### **Data:**

[EUROSTAT Website/Home page/Environment and energy/Data/Energy/Energy Statistics \(ES\) - quantities/Energy Statistics \(ES\) - supply, transformation, consumption/Supply, transformation, consumption - electricity - annual data](#)

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