

Energy

Yearly statistics 2005



2007 edition



EUROPEAN COMMISSION

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CONVERSION COEFFICIENTS

used in the 'Energy supplied' balance-sheet

			
		kJ(NCV/PCI)	kgoe (NCV)/kgcp (PCI)
Hard coal	1 kg	17200 - 30700	0.411 - 0.733
Recoverd hard coal	"	13800 - 28300	0.330 - 0.676
Patent fuels	"	26800 - 31400	0.640 - 0.750
Hard coke	"	28500	0.681
Brown coal	"	5600 - 10500	0.134 - 0.251
Black lignite	"	10500 - 21000	0.251 - 0.502
Peat	"	7800 - 13800	0.186 - 0.330
Brown coal briquettes	"	20000	0.478
Tar	"	37700	0.900
Benzol	"	39500	0.943
Oil equivalent ⁽¹⁾	1 kg	41868	1
Crude oil	"	41600 - 42800	0.994 - 1.022
Feedstocks	"	42500	1.015
Refinery gas	"	50000	1.194
LPG	"	46000	1.099
Motor spirit	"	44000	1.051
Kerosenes, jet fuels	"	43000	1.027
Naphtha	"	44000	1.051
Gas diesel oil	"	42300	1.010
Residual fuel oil	"	40000	0.955
White spirit, industrial spirit	"	44000	1.051
Lubricants	"	42300	1.010
Bitumen	"	37700	0.900
Petroleum cokes	"	31400	0.750
Others petroleum products (paraffins, waxes, etc.)	"	30000	0.717
Natural gas	1 MJ (GCV)	900	0.0215
Coke-oven gas	"	900	0.0215
Blast-furnace gas	"	1000	0.0239
Works gas	"	900	0.0215
Nuclear energy	1 MJ(GCV)	1000	0.024
Biomass	1 MJ (GCV)	1000	0.024
Solar energy	"	1000	0.024
Geothermal energy	"	1000	0.024
Hydro energy	1 kWh	3600	0.086
Wind energy	1 kWh	3600	0.086
Derived heat	1 MJ (GCV)	1000	0.024
Electrical energy	1 kWh	3600	0.086

⁽¹⁾ The tonne of oil equivalent is a conventional standardized unit defined on the basis of a tonne of oil with a net calorific value of 41868 kilojoules/kg. The conversion coefficients from the specific units to kgoe (kilogramme of oil equivalent) are thus computed by dividing the conversion coefficients to the kilojoules by 41868.

Note: p = Provisional data

BREAKDOWN OF ENERGY CONSUMPTION BY INDUSTRY (except the 'Energy' branch)

of which :

1. **Iron and steel** (NACE¹ 27.1 + 27.2 + 27.3 + 27.51 + 27.52)
2. **Non-ferrous metals** (NACE 27.4 + 27.53 + 27.54)
3. **Chemical industry** (NACE 24)
4. **Non-metallic mineral products** (NACE 26)
5. **Ore-extraction (except fuels)** (NACE 13 + 14)
6. **Food, drink and tobacco** (NACE 15 + 16)
7. **Textile, leather and clothing** (NACE 17 + 18 + 19)
8. **Paper and printing** (NACE 21 + 22)
9. **Engineering and other metal** (NACE 28 + 29 + 30 + 31 + 32+ 34 + 35)
10. **Other non-classified** (NACE 20 + 25 + 33 + 36 + 37 + 45)

¹ NACE Rev.1 General Classification of Industrial Activities in the European Community

Abbreviations and symbols

p	provisional data	kWh	kilowatt hour
:	no data available	MW	megawatt = 10^3 kW
¾	nil*	GWh	gigawatt hour = 10^6 kWh
0	figure less than half the unit used	J	joule
kgoe	kilogram of oil equivalent (41868 kjoules NCV/kg)	kJ	kilojoule
Mio	million	TJ	terajoule = 10^9 kJ
Mrd	1 000 million	NCV	net calorific value
t	tonne (metric ton)	GCV	gross calorific value
t = t	tonne for tonne	EUR	European currency unit
toe	tonne of oil equivalent (41868 kjoules NCV/kg)	of which	the words 'of which' indicate the presence of all the subdivisions of the total
		among which	the words 'among which' indicate the presence of certain subdivisions only

*Some external trade data by country of origin are not yet available for the 10 new Member States


1. Energy economy

Key figures and energy indicators

eurostat		EU-27					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	931 166	932 308	932 798	924 604	921 020	890 026
Net energy imports		818 914	849 357	848 135	894 018	929 753p	974 699p
Net oil imports		525 661	548 712	533 502	554 728	568 748	588 987
Net gas imports		192 531	191 200	207 213	223 512	235 303	256 828
Gross inland energy consumption		1 711 983	1 751 859p	1 745 070p	1 787 092	1 808 035p	1 811 317p
Final energy consumption		1 108 274p	1 134 822p	1 122 837p	1 155 628p	1 171 589p	1 168 576p
Industry		323 055p	326 158p	322 576p	328 432p	332 581p	326 377p
Transport		339 111	342 607	345 830p	351 112	359 274	361 707p
Services and households etc.		446 107	466 058	454 431p	476 083	479 735p	480 492p
Gross electricity generation	GWh	3 021 679	3 108 443	3 117 186	3 216 041	3 288 546	3 310 401
Final electricity consumption		2 515 834	2 591 005	2 599 353	2 665 967	2 717 455	2 755 978p
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	8 033 197	8 186 127	8 274 912	8 369 073	8 568 726	8 717 382
Population	1000 per.	482 189	482 958	484 541	486 521	488 632	490 898
Industry added value	Mio EUR	2 099 697	2 120 881	2 119 128	2 132 403	2 182 870	2 211 714
Total imports (current prices)	Mio EUR	2 983 822	3 054 061	3 094 436	3 198 779	3 437 141	3 637 994
among which:							
All energy commodities		:	:	:	:	264 216	384 142
Oil products		:	:	:	:	202 689	290 993
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	213.1	214.0	210.9	213.5	211.0	207.8
Final energy consumption / GDP(95)		138.0	138.6	135.7	138.1	136.7	134.1
Energy intensity of industry:							
Final consumption / gross value-added mp		153.9	153.8	152.2	154.0	152.4	147.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		25.8	26.5	:	:	:	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 550	3 627	3 601	3 673	3 700	3 690
Final energy consumption / capita		2 298	2 350	2 317	2 375	2 398	2 380
Household consumption / capita		600	627	609	632	632	632
Final electricity consumption / capita	kWh/cap.	5 218	5 365	5 365	5 480	5 561	5 614
Energy dependency							
Net energy imports / Gross consumption	in %	46.7	47.3	47.4	48.8	50.1	52.3
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.7	64.8	64.3	64.7	64.8	64.5
Efficiency of thermal power stations		46.0	46.2	45.7	46.1	46.4	46.9


2. Energy balance

Principal aggregates by product


 eurostat	EU-27					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	931 166	932 308	932 798	924 604	921 020	890 026
among which:						
Hard coal	134 495	129 926	125 808	123 684	118 627	114 195
Lignite and peat	77 629	80 823	84 469	84 253	82 747	80 937
Crude oil	168 691	157 720	160 572	150 541	140 033	127 483
Natural Gas	207 559	208 169	204 288	199 809	202 878	188 021
Nuclear heat	243 761	252 533	255 425	256 886	260 130	257 360
Hydro-electricity	30 374	32 046	27 120	26 332	27 830	26 394
Biomass	62 143	63 240	65 642	71 004	75 305	80 780
Imports						
Total	1 256 060	1 286 960	1 294 032	1 334 683	1 393 552	1 442 232
among which:						
Hard coal	121 024	134 459	127 758	133 360	146 447	145 111
Crude oil and feedstocks	625 692	625 930	614 504	629 565	651 516	652 080
Petroleum products	233 639	244 701	248 971	251 474	263 087	288 456
Natural Gas	241 461	246 929	267 027	282 509	296 123	316 936
Electricity	22 494	22 259	24 498	24 969	24 124	27 881
Exports						
Total	437 146	437 603	445 897	440 665	463 799p	467 533p
among which:						
Crude oil and feedstocks	118 374	106 177	109 673	98 055	89 619	78 116
Petroleum products	215 295	215 742	220 299	228 256	256 237	273 433
Natural gas	48 929	55 729	59 813	58 997	60 819	60 108
Electricity	20 808	21 843	23 427	25 116	24 748	26 908
Gross inland consumption						
Total	1 711 983	1 751 859p	1 745 070p	1 787 092	1 808 035p	1 811 317p
among which:						
Solid fuels	321 240	322 098	320 724	330 626	329 452	319 983
Crude oil and petrol. prod.	650 398	665 981	657 866	662 710	664 784	665 513
Natural gas	393 417	404 084	405 487	425 918	435 358	444 804
Nuclear Energy	243 761	252 533	255 425	256 886	260 130	257 360
Renewables	98 667	102 199	100 684	107 340	115 072	120 565
Transformation input						
Total	1 444 268	1 457 010p	1 461 360p	1 497 733	1 516 311	1 511 102
among which:						
Crude oil and feedstocks	727 486	727 288	723 096	735 052	749 992	749 312
Petroleum products	42 434	41 351	40 603p	37 265	31 337	31 209
Hard coal	204 413	202 225	200 384	210 089	209 491	201 730
Lignite and peat	78 616	82 590	83 150	84 913	83 241	80 725
Renewables	18 521	19 509	21 523	26 129	29 620	33 678
Transformation output						
Total	1 052 767p	1 058 798p	1 054 858p	1 081 284p	1 097 763p	1 098 632p
among which:						
Electricity	225 055	230 368	235 018	243 584	246 931	249 100
Heat	47 057p	49 555p	47 400p	50 273p	48 094p	48 555p

eurostat	EU-27					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	1 108 274p	1 134 822p	1 122 837p	1 155 628p	1 171 589p	1 168 576p
among which:						
Solid fuels	60 436	58 176	56 459	55 562	55 947	53 507
Petroleum products	477 084	489 265	483 706p	492 201	498 212	494 616
Natural Gas	254 817	263 129	259 446	274 677	279 821	278 340p
Renewables	47 749	48 283	48 950	50 597	52 414	54 147
Electricity	216 323	222 786	223 504	229 232	233 659	236 971p
Final energy consumption by sector						
Industry						
Total	323 055p	326 158p	322 576p	328 432p	332 581p	326 377p
among which:						
Solid fuels	47 092	45 005	43 811	43 853	44 483	42 487
Petroleum Products	47 813	51 268	48 450p	49 405	51 855	48 318
Natural Gas	101 011	101 528	101 293	104 297	103 073	103 071p
Renewables	15 073	15 109	15 864	15 376	15 582	15 610
Electricity	91 893	93 599	93 894	94 804	96 934	96 940p
Transport						
Total	339 111	342 607	345 830p	351 112	359 274	361 707p
among which:						
Motor spirit	131 798	129 400	127 795p	123 822	120 566	114 302
Diesel oil	150 420	156 742	161 835p	168 925	176 846	182 049
Jet fuel	45 368	44 313	43 597p	44 977	47 597	49 744
Electricity	6 111	6 128	6 161	6 219	6 287	6 372p
Services&households						
Total	446 107	466 058	454 431p	476 083	479 735p	480 492p
among which:						
Solid fuels	13 331	13 137	12 617	11 703	11 459	11 016
Gas oil	78 389	83 601	78 359p	79 915	76 859	75 692
Natural Gas	153 445	161 097	157 699	169 924	176 282	174 761p
Renewables	32 071	32 405	32 067	33 827	34 827	35 331
Electricity	118 318	123 059	123 449	128 209	130 438	133 659p
Heat	31 423	33 391	31 394	32 543	30 755p	30 908p


3.1 Electricity balance

 eurostat	in GWh	EU-27					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		3 021 679	3 108 443	3 117 186	3 216 041	3 288 546	3 310 401
<i>among which:</i>							
Hydro		381 936	402 050	347 929	338 307	357 175	341 375
Wind		22 250	26 977	35 710	44 370	58 814	70 482
Geothermal		4 785	4 612	4 758	5 431	5 521	5 395
Nuclear		944 993	978 985	990 196	995 860	1 008 437	997 699
Conventional thermal		1 667 598	1 695 628	1 738 314	1 831 613	1 857 876	1 893 961
<i>of which:</i>							
Hard coal		618 453	617 319	623 019	666 839	657 241	632 686
Lignite and peat		306 635	319 292	312 222	335 695	324 527	307 046
Petroleum products		180 252	172 669	184 485	162 870	146 407	138 558
Natural gas		481 384	489 803	526 032	567 435	616 539	662 498
Derived gases		31 421	31 750	29 907	30 326	31 087	31 921
Biomass		40 462	42 446	48 375	57 711	68 828	80 244
Industrial wastes		8 991	22 349	14 274	10 737	13 247	41 008
Total net generation		2 860 584	2 946 253	2 954 153	3 049 205	3 117 426	3 135 445
Imports and exports							
Total imports		261 610	258 875	284 907	290 384	280 567	324 258
Total exports		241 996	254 033	272 455	292 104	287 820	312 942
Consumption and losses							
Consumption of the energy branch		283 400	281 522	289 047	299 887	305 912	311 661p
<i>of which:</i>							
Consumption for pumped-storage		13 926	10 469	14 080	13 533	13 284	13 595p
Network losses		214 448	211 003	208 446	215 375	224 168	220 728p
Final energy consumption		2 515 834	2 591 005	2 599 353	2 665 967	2 717 455	2 755 978p
<i>of which:</i>							
Industry		1 068 719	1 088 562	1 091 990	1 102 576	1 127 339	1 127 410p
<i>among which:</i>							
Iron&steel industry		129 708	129 837	126 863	129 789	134 492	135 649p
Non-ferrous metals		73 957	78 368	78 011	79 512	82 591	80 738p
Chemical industry		200 558	197 156	197 541	195 075	195 290	204 379p
Non-met. mineral prod.		78 898	80 426	80 551	82 249	84 780	83 105p
Food, drink, tobacco		98 790	100 891	102 762	105 490	107 605	111 115p
Pulp, paper and print		131 573	133 793	135 345	136 515	140 247	141 297p
Engineering & metal		148 446	148 739	149 739	149 882	153 220	156 669p
Other industries		151 189	163 378	165 264	169 998	175 681	165 396p
Transport		71 076	71 269	71 650	72 325	73 123	74 108p
Services & households etc.		1 376 039	1 431 174	1 435 713	1 491 066	1 516 993	1 554 460p
<i>among which:</i>							
Households		710 652	735 267	738 877	768 569	783 983	799 401p


3.2 Electrical capacity, fuel inputs and heat


		EU-27					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	695 262	703 963	714 884	727 629	736 771	743 375p
<i>by source:</i>							
Conventional thermal		407 144	410 351	412 350	424 000	427 450	430 006p
<i>of which:</i>							
Steam		318 489	315 366	:	:	:	:
Gas turbine		27 193	27 521	:	:	:	:
Combined cycle		48 728	53 011	:	:	:	:
Internal combustion		9 610	9 479	:	:	:	:
Nuclear		137 292	137 375	137 968	137 276	136 414	135 097p
Hydro		137 428	138 506	140 834	137 116	137 984	138 772
<i>among which:</i>							
Pumped storage		35 713	35 753	32 877	35 398	32 379	32 388
Wind		12 794	17 144	23 052	28 516	34 267	38 815
Geothermal		604	587	680	721	656	685
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		651 306	658 752	670 228	681 524	684 903p	691 846p
Autoproducers		43 518	44 424	45 338	46 904	52 268p	53 391p
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	382 714	391 074p	400 791p	422 325	421 743	423 180
<i>among which:</i>							
Hard coal		147 561	148 743	149 411	158 173	156 706	151 922
Lignite and peat		74 811	78 263	79 660	81 121	78 762	76 294
Petroleum products		39 176	38 273	38 130p	35 134	29 439	29 499
Natural gas		94 023	96 774	103 161	113 274	118 496	124 686
Renewables		15 972	16 832	18 704	22 929	26 171	30 210
Heating plants		18 571	18 801	17 587	17 176	16 225	15 771
<i>among which:</i>							
Hard coal		4 702	4 894	4 492	4 382	4 209	3 792
Lignite and peat		258	313	394	437	368	234
Petroleum products		2 456	2 452	1 809	1 416	1 347	1 171
Natural gas		8 100	7 947	7 618	7 312	6 592	6 922
Renewables		2 549	2 677	2 820	3 200	3 449	3 467
Heat production and consumption							
Total heat production	TJ	47 057p	49 555p	47 400p	50 273p	48 094p	48 555p
<i>among which: in heating plants</i>							
		14 700	15 039	13 922	13 555	12 293p	13 405p
Heat consumption		40 358p	42 476p	40 697p	42 830p	41 097p	41 126p
<i>of which: in industry</i>							
		8 936p	9 085p	9 303p	10 287p	10 341p	10 217p
<i>in households and services</i>							
		31 423	33 391	31 394	32 543	30 755p	30 908p
<i>among which: in households</i>							
		23 047	25 039	23 559	24 706	23 354p	23 873p

4.1 Crude oil and feedstocks


 eurostat	EU-27					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	166 553	155 664	158 145	148 457	138 079	125 838
Total imports	623 263	623 844	613 816	628 329	649 884	649 729
Total exports	116 754	104 686	107 887	96 585	88 234	77 002
Stock changes	1 055	-1 651	227	-806	-2 932	-110
Refinery intake	723 699	723 863	720 905	732 387	747 066	745 697
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	238 231	204 882	186 217	204 135	210 556	216 314
Near and Middle East	155 379	137 164	122 298	123 857	122 432	118 736
Africa	107 633	110 872	99 011	106 451	103 779	112 628
<i>by country of origin:</i>						
Algeria	21 419	19 331	17 967	18 639	21 609	22 776
Irak	31 250	20 392	15 963	8 475	12 553	12 290
Iran	35 475	31 412	25 928	34 674	35 945	35 385
Kazakhstan	9 915	9 067	13 368	15 948	22 154	26 386
Kuwait	9 768	7 990	6 384	6 243	6 605	7 621
Libya	45 542	43 780	39 157	45 949	49 988	50 601
Mexico	9 770	9 291	9 668	8 671	8 808	10 647
Nigeria	22 407	25 723	18 440	23 224	14 858	18 618
Norway	114 904	108 121	103 078	106 404	108 627	97 470
Russia	117 700p	136 821	154 698	170 828	188 898	188 000
Saudi Arabia	65 143	57 496	53 144	61 535	64 460	60 748
Syria	13 259	19 396	20 587	12 945	9 081	9 027
United Arab Emirates	147	354	-	68	84	1 060

4.2 Petroleum products


 eurostat	EU-27					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	710 873	713 690	710 526	723 197	737 112	736 388
<i>among which:</i>						
Motor spirit	146 944	149 323	151 337	151 604	155 420	152 496
Kerosene and jet fuel	45 165	43 028	41 530	43 415	46 763	45 092
Naphtha	45 066	44 051	40 228	43 261	41 983	43 388
Gas/diesel oil	251 350	255 073	254 631	259 659	261 006	267 765
Residual fuel oil	120 029	116 643	112 215	112 429	115 813	113 846
Total imports	235 030	245 910	250 625	253 409	265 280	290 844
Total exports	214 758	215 185	219 803	227 818	255 971	273 028
Bunkers	44 428	45 982	46 910	47 297	50 355	52 771
Stock changes	-5 465	1 847	2 835	-2 520	2 231	-6 111
Gross inland consumption	-28 071	-11 151	-10 429	-20 578	-35 737	-37 417
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	40 613	37 438	34 592	34 319	38 182	42 817
United Kingdom	21 907	20 931	22 141	20 918	20 565	21 021
Norway	6 527	4 728	7 050	7 739	7 871	9 195
OPEC	27 912	24 013	25 460	23 157	24 997	25 265
Imports by product						
<i>among which:</i>						
Motor spirit	34 029	31 815	29 258	28 854	27 605	29 999
Kerosene and jet fuel	16 830	20 097	19 774	20 961	23 787	28 230
Gas/diesel oil	72 080	83 746	86 410	88 609	94 277	103 395
Residual fuel oil	47 454	46 218	51 047	46 873	45 225	53 449
Exports by product						
<i>among which:</i>						
Motor spirit	50 165	49 352	52 260	54 347	64 047	68 211
Kerosene and jet fuel	11 151	11 228	10 551	11 326	12 326	13 739
Gas/diesel oil	64 395	68 171	70 071	68 625	72 633	79 047
Residual fuel oil	45 321	43 378	42 452	46 328	55 756	62 186
Consumption						
Inputs to electricity plants	40 706	39 890	39 813p	36 766	30 783	30 877
Inputs to heating plants	2 539	2 541	1 888	1 483	1 410	1 226
Non-energy use	94 522	92 207	91 289p	91 401	91 699	96 338
Final energy consumption	468 215	480 650	475 265p	483 748	489 698	486 327
Industry						
<i>among which by product:</i>						
Gas/diesel oil	13 257	14 283	13 619p	13 638	14 488	14 510
Residual fuel oil	18 293	18 457	17 241p	17 007	16 443	14 288

 eurostat	EU-27					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	3 569p	3 193	3 040p	2 950	3 127	2 870
Non-ferrous metals	1 660p	1 181	1 138p	1 087	1 061	1 114
Chemical industry	6 954p	9 895	8 146p	8 373	10 558	8 316
Non-met. mineral prod.	12 794p	13 193	13 099p	14 027	14 414	14 181
Food, drink, tobacco	5 083p	5 219	5 221p	5 036	4 850	4 236
Pulp, paper and print	2 382p	2 366	2 357p	2 355	2 175	2 049
Engineering & metal	3 600p	3 670	3 620p	3 592	3 399	3 292
Other industries	10 941p	11 951	10 682p	12 068	12 370	12 525
Transport	322 614	325 826	328 850p	333 788	341 253	342 546
<i>among which:</i>						
Motor spirit	125 412	123 130	121 603p	117 822	114 724	108 764
Jet fuel	44 174	43 146	42 449p	43 793	46 344	48 434
Diesel oil	148 884	155 141	160 182p	167 200	175 040	180 190
Services & households etc.	95 491	101 007	95 332p	97 998	94 024	92 937
<i>among which:</i>						
Gas oil	77 588	82 747	77 559p	79 099	76 074	74 919
Residual fuel oil	3 432	3 298	3 104p	3 931	2 585	2 777
Stocks at end of period						
Crude oil and feedstocks	60 134	57 289	62 008	62 677	65 818	66 071
Petroleum products	103 285	101 906	98 593	100 334	97 934	104 659


5. Natural gas

 eurostat	EU-27					
	in TJ (GCV)					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	9 655 622	9 684 044	9 503 470	9 295 119	9 437 894	8 746 749
Total imports	11 232 751	11 487 136	12 422 080	13 142 336	13 775 622	14 743 856
Total exports	2 276 195	2 592 501	2 782 522	2 744 554	2 829 312	2 796 238
Stock changes	-310 434	219 286	-279 783	120 807	-131 369	-2 074
Gross inland consumption	18 301 744	18 797 965	18 863 245	19 813 708	20 252 835	20 692 293
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	2 203 075	1 957 181	2 132 477	2 158 803	2 042 137	2 256 826
Egypt	-	-	-	-	-	202 419
Libya	33 442	33 216	25 536	30 390	47 809	209 499
Nigeria	172 020	216 120	217 882	335 929	410 260	436 319
Norway	1 985 231	2 136 379	2 601 569	2 699 473	2 801 723	2 642 633
Oman	-	40 509	45 336	23 221	53 316	71 379
Qatar	12 443	27 463	87 952	80 414	160 170	195 713
Russia	4 539 709	4 421 515	4 554 744	4 895 252	4 951 044	4 952 879
Consumption						
Inputs to electricity plants	4 373 933	4 501 914	4 799 067	5 269 523	5 512 426	5 800 384
Inputs to heat plants	376 794	369 678	354 373	340 133	306 652	322 033
Consumption of energy branch	641 616	704 027	706 224	654 586	658 071	679 234
Distribution losses	194 570	156 540	129 998	144 138	164 304	177 259
Non-energy use	715 251	694 858	624 500	638 211	652 888	707 017p
Industry	4 699 043	4 723 086	4 712 145	4 851 898	4 794 939	4 794 885p
<i>among which:</i>						
Iron&steel industry	543 762	494 505	486 373	495 368	517 005	490 562p
Non-ferrous metals	128 636	135 349	141 131	135 330	135 394	123 727p
Chemical industry	1 068 905	1 052 543	1 049 412	1 118 940	1 094 371	1 120 827p
Non-met. mineral prod.	788 746	822 848	789 648	835 240	811 285	832 309p
Food, drink, tobacco	616 683	640 631	666 535	696 363	686 750	666 510p
Pulp, paper and print	437 691	419 594	431 391	462 054	429 839	435 082p
Engineering & metal	529 185	555 390	533 131	551 892	550 366	529 883p
Other industries	321 416	338 259	345 795	280 463	310 560	342 732p
Transport	16 777	23 428	21 134	21 249	21 723	23 611
Services & households etc.	7 138 269	7 494 224	7 336 158	7 904 843	8 200 624	8 129 866p
<i>among which:</i>						
Households	5 015 403	5 239 722	5 208 852	5 526 108	5 720 368	5 724 701p
Services	1 911 042	2 039 616	1 912 846	2 165 917	2 246 962	2 181 419


6.1 Hard coal

 eurostat	EU-27					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	253 416	247 363	239 387	236 231	228 199	218 725
Total imports	189 064	212 490	201 534	210 048	229 597	227 328
Total exports	43 663	51 356	41 929	36 174	38 108	35 428
Stock changes	14 363	1 703	2 333	8 554	-2 271	-3 454
Gross inland consumption	415 903	411 922	403 367	421 027	421 860	409 181
Imports						
Imports by origin						
<i>among which:</i>						
Australia	28 600	29 450	29 337	31 004	30 838	27 013
Colombia	23 132	22 633	21 398	22 908	24 224	24 147
Russia	14 976	20 875	22 999	26 449	37 984	48 036
South Africa	40 177	49 273	53 961	56 932	54 190	51 698
USA	20 447	20 119	14 082	12 619	15 101	15 673
Consumption						
Inputs to electricity plants	275 406	276 987	277 723	291 960	289 083	281 369
Inputs to heat plants	8 709	9 552	8 751	8 558	8 073	7 043
Consumption of energy branch	1 855	1 856	1 207	1 320	1 178	1 215
Industry						
<i>among which:</i>						
Iron&steel industry	12 625	12 776	11 913	12 895	14 349	14 932
Non-ferrous metals	349	428	406	362	286	554
Chemical industry	5 399	5 048	5 305	5 200	5 495	5 509
Non-met. mineral prod.	9 870	8 908	7 802	7 302	7 287	6 809
Food, drink, tobacco	3 168	2 868	2 891	2 830	2 689	2 532
Pulp, paper and print	2 073	1 881	1 931	1 846	1 701	1 832
Engineering & metal	1 312	1 070	944	1 102	663	517
Other industries	2 150	966	848	918	879	874
Services & households etc.	17 314	17 577	16 502	16 055	16 221	15 892

6.2 Coal derivatives and peat

 eurostat	EU-27					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	54 303	51 385	48 658	50 604	51 849	50 179
Patent Fuel	857	768	691	609	520	443
Lignite and peat	402 329	417 036	425 759	429 061	423 307	418 262
Brown coal briquettes	7 239	7 084	7 124	7 112	7 164	7 551
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	432 252	392 144	375 332	380 655	379 834	363 825
Blast-furnace gas	627 489	584 397	591 560	609 773	623 903	611 297
Gasworks gas	28 035	23 620	23 453	25 456	23 904	24 700
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	35 093	34 312	34 951	34 950	33 729	30 665
<i>among which:</i>						
Iron & steel industry	29 613	29 140	30 540	31 029	30 449	28 206
Services & households	1 926	1 687	1 483	1 315	1 017	565
Patent Fuel	888	772	720	573	511	439
<i>among which:</i>						
Services & households	861	734	694	555	499	439
Lignite and peat	6 575	6 015	6 417	5 005	5 442	5 041
<i>among which:</i>						
Industry	3 998	3 683	3 526	2 990	3 068	3 147
Services & households	2 565	2 318	2 891	2 006	2 374	1 894
Brown coal briquettes	5 230	4 704	4 614	4 615	4 680	4 101
<i>among which:</i>						
Industry	2 508	2 313	2 137	2 152	2 628	2 644
Services & households	2 719	2 384	2 471	2 457	2 046	1 452
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	178 458	163 016	152 508	149 597	151 358	142 489
Blast-furnace gas	279 557	261 186	251 592	261 997	255 381	238 042
Gasworks gas	9 782	5 305	4 915	5 905	5 128	5 081
Inputs to electricity plants	369 161	344 889	345 420	358 389	369 517	368 454
Inputs to heat plants	13 577	13 775	11 281	10 213	9 004	6 012
Consumption of energy branch	199 409	185 387	202 312	204 267	209 140	207 502
Consumption in industry	458 743	424 786	404 728	413 220	407 371	380 954


7. Renewable energy sources

	EU-27						
	2000	2001	2002	2003	2004	2005	
Primary production							
Total primary production	<i>in 1000 toe</i>	98 260	101 709	100 303	107 069	114 347	119 445
Hydro (excl. pumping)		30 374	32 046	27 120	26 332	27 830	26 394
Wind		1 913	2 320	3 071	3 815	5 057	6 060
Solar		418	482	528	613	691	816
Geothermal		3 412	3 622	3 942	5 305	5 464	5 395
Biomass		62 143	63 240	65 642	71 004	75 305	80 780
	<i>among which:</i>						
Wood, wood-waste		51 961	52 071	53 304	57 636	60 222	62 099
Municipal solid waste		7 391	7 835	7 949	8 590	9 090	9 828
Biogas		2 177	2 710	3 313	3 296	3 777	4 347
Gross inland consumption		98 667	102 199	100 684	107 340	115 072	120 565
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		2 956	3 063	3 369	4 713	4 811	4 702
Biomass		15 565	16 446	18 154	21 416	24 809	28 976
	<i>among which:</i>						
Wood, wood-waste		6 952	7 314	8 360	10 503	12 771	14 459
Municipal waste		6 821	7 164	7 195	8 012	8 563	9 305
Biogas		1 791	2 140	2 593	2 882	3 339	3 917
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	47 749	48 283	48 950	50 597	52 414	54 147
	<i>by sector:</i>						
Industry		15 073	15 109	15 864	15 376	15 582	15 610
Services & households etc.		32 071	32 405	32 067	33 827	34 827	35 331
Transport		604	769	1 019	1 394	2 005	3 206
	<i>by source:</i>						
Biomass		46 886	47 259	47 872	49 432	51 131	52 766
	<i>among which:</i>						
Wood, wood-waste		45 321	45 242	45 375	47 483	48 240	48 684
Municipal waste		570	671	753	577	526	522
Biogas		382	568	716	326	350	342
Geothermal		455	559	573	592	653	693
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		117	191	279	460	723	1 489
Hydro with installed capacity < 1 MW		8 775	9 027	9 335	9 429	9 508	9 052
Hydro with installed capacity > 1 & <10 MW		31 959	32 081	30 888	27 700	33 030	30 323
Hydro with installed capacity > 10 MW		311 612	332 126	271 654	262 399	276 273	267 566
Wood, Wood-waste		:	20 568	24 618	29 567	37 391	41 630
Municipal waste		13 906	14 700	16 163	18 479	19 761	22 596
Biogas		:	7 412	9 285	10 085	11 577	13 349

eurostat		EU-27					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		179	276	344	528	877	1 686
Hydro with installed capacity < 1 MW		:	:	2 764	2 713	2 432	2 594
Hydro with installed capacity > 1 & <10 MW		:	:	9 297	8 723	9 128	9 187
Hydro with installed capacity > 10 MW		:	:	94 140	90 473	95 554	94 472
Wood, Wood-waste		6 304p	5 870p	6 044p	6 753p	7 838p	9 581p
Municipal waste		2 284	2 399	2 483p	3 422p	3 808p	4 758p
Biogas		1 167	1 460	1 585	1 846	2 073	2 652
Liquid biofuels							
Production	<i>1000 t</i>	748	941	1 275	1 748	2 652	5 241
Solar Panels							
Solar panel surface	<i>1000 m²</i>	10 561	12 166	13 181	15 240	16 640	18 330


1. Energy economy

Key figures and energy indicators

		EU-25					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	892 702	894 441	894 284	886 285	882 438	852 022
Net energy imports		802 134	830 926	830 119	874 685	908 659p	954 564p
Net oil imports		518 039	539 481	525 571	546 707	559 613	580 027
Net gas imports		187 077	186 161	201 585	216 919	228 803	250 179
Gross inland energy consumption		1 656 306	1 695 706p	1 687 688p	1 727 583	1 749 580p	1 752 287p
Final energy consumption		1 077 245p	1 103 239p	1 091 145p	1 122 108p	1 136 339p	1 134 568p
Industry		310 364p	312 892p	308 824p	314 354p	318 167p	312 953p
Transport		333 910	336 615	339 469p	344 485	351 730	354 942p
Services and households etc.		432 971	453 732	442 851p	463 269	466 442p	466 673p
Gross electricity generation	GWh	2 928 821	3 010 609	3 019 572	3 116 796	3 190 443	3 206 622
Final electricity consumption		2 457 790	2 530 210	2 539 737	2 603 392	2 653 837	2 691 254p
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	7 998 150	8 149 228	8 236 077	8 328 232	8 524 633	8 671 212
Population	1000 per.	452 090	453 153	454 815	456 902	459 119	461 479
Industry added value	Mio EUR	2 086 980	2 107 517	2 105 128	2 117 707	2 167 255	2 195 517
Total imports (current prices)	Mio EUR	2 961 838	3 028 295	3 066 104	3 165 881	3 397 764	3 592 503
among which:							
All energy commodities		:	:	:	:	264 216	384 142
Oil products		:	:	:	:	202 689	290 993
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	207.1	208.1	204.9	207.4	205.2	202.1
Final energy consumption / GDP(95)		134.7	135.4	132.5	134.7	133.3	130.8
Energy intensity of industry:							
Final consumption / gross value-added mp		148.7	148.5	146.7	148.4	146.8	142.5
Energy intensity of service sector:							
Final consumption / gross value-added mp		25.5	26.1	25.1	26.5	26.1	25.3
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 664	3 742	3 711	3 781	3 811	3 797
Final energy consumption / capita		2 383	2 435	2 399	2 456	2 475	2 459
Household consumption / capita		616	647	629	650	650	650
Final electricity consumption / capita	kWh/cap.	5 437	5 584	5 584	5 698	5 780	5 832
Energy dependency							
Net energy imports / Gross consumption	in %	47.2	47.8	47.9	49.3	50.5	52.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.0	65.1	64.7	65.0	64.9	64.7
Efficiency of thermal power stations		45.8	46.1	45.6	46.0	46.4	46.8


2. Energy balance

Principal aggregates by product


 eurostat	EU-25					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	892 702	894 441	894 284	886 285	882 438	852 022
among which:						
Hard coal	134 273	129 817	125 762	123 656	118 602	114 175
Lignite and peat	67 664	70 732	73 985	73 098	72 041	70 986
Crude oil	162 311	151 413	154 421	144 582	134 265	121 977
Natural Gas	196 578	197 371	193 673	189 368	192 234	177 936
Nuclear heat	237 664	246 084	248 786	251 163	254 361	251 115
Hydro-electricity	28 873	30 613	25 551	24 932	26 138	24 283
Biomass	58 830	60 563	62 648	67 410	71 408	76 808
Imports						
Total	1 233 756	1 262 463	1 268 715	1 309 367	1 364 798	1 412 371
among which:						
Hard coal	117 129	130 239	122 945	129 288	141 233	140 202
Crude oil and feedstocks	615 509	614 705	602 806	619 123	638 453	637 001
Petroleum products	231 420	241 505	246 466	248 622	260 325	286 081
Natural Gas	236 007	241 890	261 398	275 917	289 622	310 288
Electricity	22 345	22 099	24 285	24 783	23 839	27 613
Exports						
Total	431 622	431 537	438 596	434 682	456 139p	457 808p
among which:						
Crude oil and feedstocks	118 374	106 177	109 673	98 055	89 619	78 116
Petroleum products	210 517	210 553	214 028	222 983	249 547	264 939
Natural gas	48 929	55 729	59 813	58 997	60 819	60 108
Electricity	20 201	20 975	22 427	24 414	23 855	25 738
Gross inland consumption						
Total	1 656 306	1 695 706p	1 687 688p	1 727 583	1 749 580p	1 752 287p
among which:						
Solid fuels	307 068	307 239	305 273	313 968	312 928	304 321
Crude oil and petrol. prod.	636 068	650 688	642 516	647 353	650 180	650 505
Natural gas	376 805	388 165	389 454	408 688	418 928	428 058
Nuclear Energy	237 664	246 084	248 786	251 163	254 361	251 115
Renewables	93 850	98 083	96 107	102 396	109 458	114 437
Transformation input						
Total	1 398 725	1 408 238p	1 412 625p	1 449 829	1 469 051	1 461 447
among which:						
Crude oil and feedstocks	710 763	709 092	704 012	717 317	730 983	727 748
Petroleum products	40 276	38 541	38 550p	35 447	30 128	30 181
Hard coal	200 644	198 163	196 259	206 415	205 580	197 686
Lignite and peat	68 861	71 668	72 699	72 951	72 460	70 236
Renewables	18 500	19 499	21 438	26 113	29 554	33 653
Transformation output						
Total	1 021 014p	1 025 373p	1 021 044p	1 048 526p	1 064 352p	1 062 791p
among which:						
Electricity	218 595	223 425	228 237	236 474	240 204	242 321
Heat	41 291p	43 733p	42 489p	45 371p	43 648p	44 228p

eurostat	EU-25					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	1 077 245p	1 103 239p	1 091 145p	1 122 108p	1 136 339p	1 134 568p
among which:						
Solid fuels	58 597	56 258	54 282	52 923	53 452	51 143
Petroleum products	468 806	480 026	474 201p	482 819	487 445	484 471
Natural Gas	247 429	255 523	251 779	266 256	271 032	270 255p
Renewables	44 460	45 621	46 039	47 080	48 578	50 154
Electricity	211 332	217 559	218 378	223 851	228 189	231 406p
Final energy consumption by sector						
Industry						
Total	310 364p	312 892p	308 824p	314 354p	318 167p	312 953p
among which:						
Solid fuels	45 594	43 292	41 999	41 602	42 310	40 410
Petroleum Products	45 758	48 979	46 214p	47 638	50 054	46 525
Natural Gas	96 123	96 551	96 159	98 969	97 599	98 207p
Renewables	14 791	14 835	15 495	14 841	15 255	15 270
Electricity	89 443	91 038	91 213	92 093	93 927	94 057p
Transport						
Total	333 910	336 615	339 469p	344 485	351 730	354 942p
among which:						
Motor spirit	129 805	127 142	125 322p	121 559	117 602	112 102
Diesel oil	147 921	153 900	158 830p	165 473	173 197	178 390
Jet fuel	45 139	44 051	43 346p	44 672	47 285	49 430
Electricity	5 915	5 939	5 956	6 027	6 116	6 202p
Services&households						
Total	432 971	453 732	442 851p	463 269	466 442p	466 673p
among which:						
Solid fuels	12 990	12 933	12 252	11 315	11 138	10 728
Gas oil	77 602	82 880	77 632p	79 269	76 033	75 115
Natural Gas	150 947	158 536	155 188	166 830	172 972	171 560p
Renewables	29 065	30 017	29 525	30 845	31 318	31 678
Electricity	115 974	120 581	121 210	125 731	128 147	131 146p
Heat	27 717	29 925	28 615	29 855	28 499p	28 524p


3.1 Electricity balance

 eurostat	EU-25					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	2 928 821	3 010 609	3 019 572	3 116 796	3 190 443	3 206 622
<i>among which:</i>						
Hydro	364 207	384 956	329 179	321 747	337 299	316 438
Wind	22 250	26 977	35 710	44 370	58 813	70 480
Geothermal	4 785	4 612	4 758	5 431	5 521	5 395
Nuclear	921 359	953 986	964 461	973 674	986 074	973 491
Conventional thermal	1 616 103	1 639 887	1 685 185	1 771 114	1 802 013	1 839 329
<i>of which:</i>						
Hard coal	615 098	611 947	618 756	662 314	652 557	627 366
Lignite and peat	274 123	285 473	278 991	297 639	288 843	272 455
Petroleum products	176 192	166 685	180 077	158 448	143 386	135 993
Natural gas	470 471	479 822	515 327	554 472	604 583	650 756
Derived gases	30 781	31 165	29 399	29 802	30 592	31 531
Biomass	40 447	42 446	48 372	57 708	68 824	80 238
Industrial wastes	8 991	22 349	14 263	10 731	13 228	40 990
Total net generation	2 775 075	2 856 213	2 864 299	2 958 109	3 027 206	3 039 664
Imports and exports						
Total imports	259 872	257 016	282 431	288 228	277 242	321 138
Total exports	234 942	243 939	260 830	283 933	277 434	299 338
Consumption and losses						
Consumption of the energy branch	267 152	266 100	273 775	283 169	289 876	294 210p
<i>of which:</i>						
Consumption for pumped-storage	13 721	10 255	13 875	13 324	13 192	13 444p
Network losses	201 529	198 063	195 382	203 270	213 020	210 001p
Final energy consumption	2 457 790	2 530 210	2 539 737	2 603 392	2 653 837	2 691 254p
<i>of which:</i>						
Industry	1 040 226	1 058 773	1 060 805	1 071 042	1 092 368	1 093 888p
<i>among which:</i>						
Iron&steel industry	122 113	120 704	118 253	120 610	124 080	125 446p
Non-ferrous metals	73 204	77 586	77 403	78 759	81 771	79 922p
Chemical industry	195 248	191 891	192 099	189 843	190 184	199 285p
Non-met. mineral prod.	76 503	78 201	78 230	80 573	82 026	80 227p
Food, drink, tobacco	96 673	98 628	100 372	102 051	103 145	106 970p
Pulp, paper and print	130 614	132 835	134 259	135 239	138 889	140 265p
Engineering & metal	144 736	145 181	145 662	146 152	149 749	153 404p
Other industries	148 165	160 605	161 775	166 716	171 973	161 878p
Transport	68 791	69 076	69 265	70 096	71 124	72 133p
Services & households etc.	1 348 773	1 402 361	1 409 667	1 462 254	1 490 345	1 525 233p
<i>among which:</i>						
Households	693 142	717 792	721 800	751 015	767 170	781 121p


3.2 Electrical capacity, fuel inputs and heat


		EU-25					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	661 341	669 245	684 324	696 263	705 169	712 453p
<i>by source:</i>							
Conventional thermal		386 394	388 858	392 833	404 827	408 123	411 370p
<i>of which:</i>							
Steam		297 915	294 025	:	:	:	:
Gas turbine		27 193	27 521	:	:	:	:
Combined cycle		48 728	53 011	:	:	:	:
Internal combustion		9 434	9 327	:	:	:	:
Nuclear		133 105	133 136	135 115	133 846	132 985	131 668p
Hydro		128 444	129 520	132 644	128 353	129 138	129 916
<i>among which:</i>							
Pumped storage		34 849	34 889	32 013	34 534	31 515	31 524
Wind		12 794	17 144	23 052	28 516	34 267	38 814
Geothermal		604	587	680	721	656	685
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		619 801	626 389	640 822	651 073	654 180p	661 814p
Autoproducers		42 086	43 228	44 184	45 989	51 388p	52 501p
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	365 784	372 528p	383 617p	403 391	404 467	406 555
<i>among which:</i>							
Hard coal		146 315	147 027	147 955	156 733	155 092	150 195
Lignite and peat		65 653	68 123	70 036	70 251	68 834	66 807
Petroleum products		37 332	35 691	36 312p	33 531	28 406	28 575
Natural gas		89 806	93 164	99 378	108 732	114 277	120 735
Renewables		15 970	16 831	18 693	22 927	26 169	30 209
Heating plants		16 509	16 989	15 947	15 769	14 921	14 577
<i>among which:</i>							
Hard coal		4 687	4 881	4 486	4 382	4 203	3 789
Lignite and peat		237	290	371	406	349	224
Petroleum products		2 142	2 224	1 575	1 201	1 171	1 067
Natural gas		6 412	6 427	6 321	6 165	5 555	5 872
Renewables		2 530	2 668	2 745	3 186	3 384	3 445
Heat production and consumption							
Total heat production	TJ	41 291p	43 733p	42 489p	45 371p	43 648p	44 228p
<i>among which: in heating plants</i>							
		12 914	13 449	12 585	12 327	11 181p	12 401p
Heat consumption		35 912p	38 253p	37 172p	39 497p	38 044p	38 051p
<i>of which: in industry</i>							
		8 195p	8 328p	8 557p	9 642p	9 544p	9 527p
<i>in households and services</i>							
		27 717	29 925	28 615	29 855	28 499p	28 524p
<i>among which: in households</i>							
		19 939	22 046	21 050	22 335	21 338p	21 993p

4.1 Crude oil and feedstocks


 eurostat	EU-25					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	160 223	149 392	152 036	142 537	132 344	120 371
Total imports	613 159	612 672	602 174	617 875	636 848	634 702
Total exports	116 754	104 686	107 887	96 585	88 234	77 002
Stock changes	1 138	-1 614	283	-868	-2 659	-190
Refinery intake	707 107	705 764	701 938	714 700	728 124	724 236
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	238 231	204 616	186 217	204 067	210 486	216 088
Near and Middle East	155 379	136 810	121 897	123 789	122 362	118 510
Africa	107 633	110 797	99 011	106 451	103 779	112 578
<i>by country of origin:</i>						
Algeria	21 419	19 331	17 967	18 639	21 609	22 776
Irak	31 250	20 126	15 963	8 475	12 553	12 290
Iran	35 475	31 412	25 928	34 674	35 945	35 385
Kazakhstan	8 438	8 353	11 711	14 461	19 672	22 752
Kuwait	9 768	7 990	6 384	6 243	6 605	7 621
Libya	45 542	43 780	39 157	45 949	49 988	50 601
Mexico	9 770	9 291	9 668	8 671	8 808	10 647
Nigeria	22 407	25 723	18 440	23 224	14 858	18 618
Norway	114 904	108 121	103 078	106 404	108 627	97 470
Russia	109 303p	128 574	146 286	162 817	179 595	177 740
Saudi Arabia	65 143	57 496	53 144	61 535	64 460	60 748
Syria	13 259	19 308	20 186	12 945	9 081	9 027
United Arab Emirates	147	354	-	-	14	1 060

4.2 Petroleum products


 eurostat	EU-25					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	694 702	696 127	692 041	705 982	718 266	715 242
<i>among which:</i>						
Motor spirit	143 298	145 438	146 735	147 340	150 597	146 877
Kerosene and jet fuel	44 824	42 569	41 234	43 079	46 399	44 701
Naphtha	44 020	42 943	39 126	42 138	40 798	42 360
Gas/diesel oil	245 577	248 896	248 125	253 793	254 924	260 791
Residual fuel oil	117 469	113 751	108 962	110 149	113 296	110 922
Total imports	232 727	242 554	247 982	250 450	262 374	288 334
Total exports	210 027	210 034	213 619	222 645	249 391	264 665
Bunkers	44 364	45 886	46 805	47 160	50 240	52 661
Stock changes	-5 901	1 999	2 800	-2 701	2 375	-6 031
Gross inland consumption	-26 015	-9 108	-6 818	-18 408	-31 804	-31 374
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	40 611	37 436	34 591	34 304	38 177	42 815
United Kingdom	21 906	20 929	22 138	20 909	20 560	21 010
Norway	6 527	4 728	7 045	7 720	7 845	9 174
OPEC	27 912	23 974	25 375	23 001	24 780	24 948
Imports by product						
<i>among which:</i>						
Motor spirit	33 824	31 685	29 204	28 717	27 447	29 796
Kerosene and jet fuel	16 762	20 023	19 705	20 871	23 696	28 158
Gas/diesel oil	71 881	83 578	86 074	87 926	93 664	102 842
Residual fuel oil	46 128	43 975	49 764	45 795	44 418	53 021
Exports by product						
<i>among which:</i>						
Motor spirit	48 493	47 626	49 833	52 178	61 177	64 563
Kerosene and jet fuel	11 019	11 088	10 475	11 222	12 210	13 627
Gas/diesel oil	62 368	65 950	67 427	66 763	70 575	76 482
Residual fuel oil	44 790	42 638	41 691	45 606	54 494	60 540
Consumption						
Inputs to electricity plants	38 774	37 189	37 907p	35 043	29 664	29 882
Inputs to heating plants	2 219	2 309	1 646	1 263	1 227	1 119
Non-energy use	92 548	90 080	89 330p	89 417	89 473	94 232
Final energy consumption	460 051	471 571	465 920p	474 511	479 151	476 328
Industry						
<i>among which by product:</i>						
Gas/diesel oil	12 758	13 662	13 044p	13 175	14 076	14 070
Residual fuel oil	17 054	17 260	16 439p	16 507	15 884	13 789

 eurostat	EU-25					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	3 335p	3 003	2 891p	2 825	2 969	2 656
Non-ferrous metals	1 618p	1 137	1 098p	1 050	1 027	1 075
Chemical industry	6 443p	9 155	7 447p	7 768	9 927	7 782
Non-met. mineral prod.	12 393p	12 780	12 735p	13 727	14 105	13 819
Food, drink, tobacco	4 796p	4 959	4 954p	4 860	4 680	4 114
Pulp, paper and print	2 313p	2 311	2 300p	2 300	2 121	2 006
Engineering & metal	3 477p	3 524	3 482p	3 457	3 338	3 228
Other industries	10 657p	11 633	10 349p	11 757	12 060	12 117
Transport	317 756	320 257	322 900p	327 535	334 114	336 157
<i>among which:</i>						
Motor spirit	123 515	120 981	119 250p	115 669	111 903	106 670
Jet fuel	43 951	42 891	42 205p	43 496	46 040	48 129
Diesel oil	146 410	152 328	157 208p	163 783	171 428	176 568
Services & households etc.	94 308	99 836	94 235p	96 864	92 483	91 193
<i>among which:</i>						
Gas oil	76 809	82 034	76 839p	78 459	75 256	74 348
Residual fuel oil	3 394	3 268	3 075p	3 887	2 461	2 529
Stocks at end of period						
Crude oil and feedstocks	59 300	56 590	61 114	61 845	64 717	65 050
Petroleum products	101 562	99 969	96 707	98 629	96 083	102 728


5. Natural gas

 eurostat	EU-25					
	in TJ (GCV)					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	9 144 812	9 181 695	9 009 654	8 809 387	8 942 703	8 277 560
Total imports	10 979 037	11 252 705	12 160 257	12 835 643	13 473 224	14 434 581
Total exports	2 276 195	2 592 501	2 782 522	2 744 554	2 829 312	2 796 238
Stock changes	-318 701	215 526	-269 995	111 697	-98 103	-2 642
Gross inland consumption	17 528 953	18 057 425	18 117 394	19 012 173	19 488 512	19 913 261
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	2 203 075	1 957 181	2 132 477	2 158 803	2 042 137	2 256 826
Egypt	-	-	-	-	-	202 419
Libya	33 442	33 216	25 536	30 390	47 809	209 499
Nigeria	172 020	216 120	217 882	335 929	410 260	436 319
Norway	1 985 231	2 136 379	2 601 569	2 699 473	2 801 723	2 642 633
Oman	-	40 509	45 336	23 221	53 316	71 379
Qatar	12 443	27 463	87 952	80 414	160 170	195 713
Russia	4 285 995	4 187 084	4 292 921	4 608 376	4 648 646	4 643 604
Consumption						
Inputs to electricity plants	4 177 768	4 334 009	4 623 084	5 058 194	5 316 159	5 616 586
Inputs to heat plants	298 278	298 967	294 032	286 818	258 413	273 183
Consumption of energy branch	568 888	641 221	623 554	582 969	596 191	616 372
Distribution losses	178 682	135 048	107 661	116 641	140 727	148 438
Non-energy use	649 585	631 600	577 955	592 886	599 956	632 521p
Industry	4 471 646	4 491 535	4 473 306	4 604 050	4 540 295	4 568 591p
<i>among which:</i>						
Iron&steel industry	490 797	446 570	443 658	450 266	471 107	448 349p
Non-ferrous metals	128 219	134 941	140 821	134 981	134 925	122 986p
Chemical industry	996 253	974 609	963 197	1 012 350	986 214	1 040 503p
Non-met. mineral prod.	752 249	788 529	746 338	806 558	779 945	800 622p
Food, drink, tobacco	601 125	617 375	650 617	678 133	667 409	635 349p
Pulp, paper and print	430 107	412 939	424 587	453 286	423 171	427 557p
Engineering & metal	507 302	530 731	509 521	534 164	531 965	513 892p
Other industries	309 323	330 859	338 046	270 174	296 309	333 021p
Transport	16 689	20 308	20 114	21 249	21 453	22 723
Services & households etc.	7 022 056	7 375 108	7 219 330	7 760 919	8 046 655	7 980 958p
<i>among which:</i>						
Households	4 912 265	5 146 886	5 099 386	5 406 818	5 601 776	5 617 019p
Services	1 899 558	2 014 709	1 907 705	2 143 111	2 214 186	2 143 115


6.1 Hard coal

 eurostat	EU-25					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	253 017	247 132	239 280	236 170	228 146	218 684
Total imports	183 109	205 926	194 007	203 656	221 260	219 486
Total exports	43 663	51 356	41 929	36 174	38 108	35 428
Stock changes	14 689	1 562	2 897	8 229	-1 741	-3 610
Gross inland consumption	409 875	404 986	396 297	414 249	414 000	401 142
Imports						
Imports by origin						
<i>among which:</i>						
Australia	28 372	29 124	28 864	30 381	30 262	26 746
Colombia	23 074	22 489	21 398	22 908	24 224	24 147
Russia	12 702	19 249	19 947	23 856	36 865	45 052
South Africa	40 177	48 864	53 655	56 932	54 190	51 698
USA	19 668	19 701	13 850	11 949	14 635	14 346
Consumption						
Inputs to electricity plants	273 338	274 067	275 284	289 516	286 293	278 424
Inputs to heat plants	8 684	9 529	8 741	8 558	8 064	7 038
Consumption of energy branch	1 842	1 835	1 196	1 317	1 173	1 210
Industry						
<i>among which:</i>						
Iron&steel industry	12 620	12 725	11 882	12 511	14 075	14 588
Non-ferrous metals	349	428	406	362	286	554
Chemical industry	5 292	4 937	5 276	5 156	5 332	5 337
Non-met. mineral prod.	9 706	8 641	7 621	7 049	7 030	6 605
Food, drink, tobacco	3 127	2 831	2 846	2 799	2 650	2 497
Pulp, paper and print	2 073	1 880	1 848	1 814	1 701	1 832
Engineering & metal	1 310	1 070	944	1 102	662	515
Other industries	2 149	963	843	917	824	812
Services & households etc.	17 268	17 573	16 454	15 883	16 005	15 641

6.2 Coal derivatives and peat

	EU-25					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	51 792	49 175	46 031	48 120	49 342	47 545
Patent Fuel	857	768	691	609	520	443
Lignite and peat	346 993	357 353	369 406	368 760	365 116	362 502
Brown coal briquettes	6 115	6 039	5 839	5 809	6 086	6 060
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	414 981	376 620	356 591	363 917	362 289	345 735
Blast-furnace gas	599 207	554 840	559 202	575 165	589 094	578 904
Gasworks gas	28 035	23 620	23 453	25 456	23 904	24 700
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	33 234	32 330	32 718	32 464	31 321	28 423
<i>among which:</i>						
Iron & steel industry	28 011	27 418	28 561	28 772	28 214	26 049
Services & households	1 926	1 687	1 483	1 315	1 017	565
Patent Fuel	888	772	720	573	511	439
<i>among which:</i>						
Services & households	861	734	694	555	499	439
Lignite and peat	5 687	5 060	5 373	4 094	4 415	4 103
<i>among which:</i>						
Industry	3 426	2 965	2 850	2 379	2 400	2 412
Services & households	2 249	2 081	2 523	1 707	2 015	1 691
Brown coal briquettes	4 680	4 359	4 025	4 054	4 334	3 858
<i>among which:</i>						
Industry	2 502	2 306	2 129	2 145	2 622	2 639
Services & households	2 175	2 046	1 890	1 903	1 707	1 214
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	168 058	156 405	144 099	142 683	144 583	135 333
Blast-furnace gas	258 442	240 953	230 706	236 755	230 717	216 785
Gasworks gas	9 782	5 305	4 915	5 905	5 128	5 081
Inputs to electricity plants	361 605	337 789	338 907	352 134	363 694	364 672
Inputs to heat plants	13 577	13 775	11 281	10 213	9 004	6 012
Consumption of energy branch	193 399	175 119	187 946	192 215	195 607	190 804
Consumption in industry	427 228	397 942	375 433	381 064	375 932	352 541

7. Renewable energy sources

	EU-25						
	2000	2001	2002	2003	2004	2005	
Primary production							
Total primary production	<i>in 1000 toe</i>	93 439	97 594	95 723	102 056	108 677	113 248
Hydro (excl. pumping)		28 873	30 613	25 551	24 932	26 138	24 283
Wind		1 913	2 320	3 071	3 815	5 057	6 060
Solar		418	482	528	613	691	816
Geothermal		3 405	3 616	3 925	5 287	5 383	5 280
Biomass		58 830	60 563	62 648	67 410	71 408	76 808
	<i>among which:</i>						
Wood, wood-waste		48 648	49 394	50 310	54 041	56 325	58 128
Municipal solid waste		7 391	7 835	7 949	8 590	9 090	9 828
Biogas		2 177	2 710	3 313	3 296	3 777	4 347
Gross inland consumption		93 850	98 083	96 107	102 396	109 458	114 437
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		2 956	3 063	3 367	4 713	4 810	4 702
Biomass		15 544	16 436	18 070	21 400	24 744	28 952
	<i>among which:</i>						
Wood, wood-waste		6 932	7 304	8 277	10 486	12 706	14 435
Municipal waste		6 821	7 164	7 195	8 012	8 563	9 305
Biogas		1 791	2 140	2 593	2 882	3 339	3 917
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	44 460	45 621	46 039	47 080	48 578	50 154
	<i>by sector:</i>						
Industry		14 791	14 835	15 495	14 841	15 255	15 270
Services & households etc.		29 065	30 017	29 525	30 845	31 318	31 678
Transport		604	769	1 019	1 394	2 005	3 206
	<i>by source:</i>						
Biomass		43 604	44 603	44 976	45 932	47 376	48 887
	<i>among which:</i>						
Wood, wood-waste		42 039	42 586	42 479	43 984	44 484	44 805
Municipal waste		570	671	753	577	526	522
Biogas		382	568	716	326	350	342
Geothermal		448	553	558	574	573	578
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		117	191	279	460	723	1 489
Hydro with installed capacity < 1 MW		8 735	9 021	9 276	9 351	9 386	8 972
Hydro with installed capacity > 1 & <10 MW		31 719	32 062	30 494	27 265	32 380	28 873
Hydro with installed capacity > 10 MW		294 441	315 491	253 867	246 691	257 365	244 553
Wood, Wood-waste		:	20 568	24 618	29 567	37 391	41 630
Municipal waste		13 906	14 700	16 163	18 479	19 761	22 596
Biogas		:	7 412	9 282	10 085	11 577	13 349

eurostat		EU-25					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		179	276	344	528	877	1 686
Hydro with installed capacity < 1 MW		2 235	2 370	2 686	2 631	2 359	2 522
Hydro with installed capacity > 1 & <10 MW		7 454	8 185	8 896	8 324	8 810	8 862
Hydro with installed capacity > 10 MW		83 899	84 008	86 377	82 706	87 666	86 580
Wood, Wood-waste		6 053p	5 719p	6 044p	6 753p	7 838p	9 581p
Municipal waste		2 284	2 399	2 483p	3 422p	3 808p	4 758p
Biogas		1 167	1 460	1 582	1 846	2 073	2 652
Liquid biofuels							
Production	<i>1000 t</i>	748	941	1 275	1 748	2 652	5 241
Solar Panels							
Solar panel surface	<i>1000 m²</i>	10 561	12 166	13 181	15 240	16 640	18 330


1. Energy economy


Key figures and energy indicators

eurostat		BELGIQUE/BELGIË					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	13 065	12 675	12 883	13 118	13 159	13 913
Net energy imports		48 651	48 710	45 335	49 363	49 309	48 968
Net oil imports		27 331	27 142	25 160	28 334	27 702	28 425
Net gas imports		13 278	13 134	13 653	14 243	14 559	14 191
Gross inland energy consumption		57 168	55 656	52 552	55 801	54 826	54 952
Final energy consumption		36 931	37 201	35 848	38 043	37 398	36 403
Industry		13 636	13 527	12 697	12 748	12 426	11 605
Transport		9 672	9 452	9 613	10 134	10 201	9 880
Services and households etc.		13 624	14 223	13 538	15 162	14 772	14 918
Gross electricity generation	GWh	83 894	79 697	82 060	84 616	85 441	87 025
Final electricity consumption		77 539	78 138	78 443	79 677	80 603	80 182
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	248 456	250 428	254 207	256 722	264 312	267 141
Population	1000 per.	10 239	10 263	10 310	10 356	10 396	10 446
Industry added value	Mio EUR	64 403	64 505	63 891	63 364	65 627	65 640
Total imports (current prices)	Mio EUR	181 116	181 557	181 930	187 374	199 136	206 083
among which:							
All energy commodities		17 075	17 204	16 570	18 102	22 118	31 988
Oil products		13 270	12 831	12 047	12 761	14 465	20 314
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	230.1	222.2	206.7	217.4	207.4	205.7
Final energy consumption / GDP(95)		148.6	148.6	141.0	148.2	141.5	136.3
Energy intensity of industry:							
Final consumption / gross value-added mp		211.7	209.7	198.7	201.2	189.3	176.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		22.8	23.6	22.6	27.4	24.8	24.9
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	5 583	5 423	5 097	5 388	5 274	5 261
Final energy consumption / capita		3 607	3 625	3 477	3 674	3 597	3 485
Household consumption / capita		924	959	899	953	963	949
Final electricity consumption / capita	kWh/cap.	7 573	7 613	7 609	7 694	7 753	7 676
Energy dependency							
Net energy imports / Gross consumption	in %	77.8	80.0	76.4	78.8	78.9	78.3
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.6	66.8	68.2	68.2	68.2	66.2
Efficiency of thermal power stations		46.3	50.0	50.1	47.6	47.6	44.5


2. Energy balance

Principal aggregates by product


 eurostat	BELGIQUE/BELGIE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	13 065	12 675	12 883	13 118	13 159	13 913
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	2	-	-	-	-	-
Nuclear heat	12 422	11 956	12 217	12 222	12 204	12 277
Hydro-electricity	39	38	31	21	27	25
Biomass	596	673	627	864	913	1 588
Imports						
Total	73 672	72 281	70 421	74 185	76 111	76 066
among which:						
Hard coal	7 888	8 026	6 934	6 573	6 853	6 163
Crude oil and feedstocks	36 165	33 403	32 897	36 262	35 511	33 846
Petroleum products	14 378	15 466	15 063	15 434	17 432	20 108
Natural Gas	13 278	13 134	13 653	14 243	14 559	14 191
Electricity	1 001	1 360	1 432	1 261	1 253	1 232
Exports						
Total	25 021	23 570	25 086	24 823	26 802	27 098
among which:						
Crude oil and feedstocks	3 507	2 295	2 781	3 054	3 098	3 281
Petroleum products	19 706	19 432	20 020	20 307	22 143	22 249
Natural gas	-	-	-	-	-	-
Electricity	629	577	780	710	584	690
Gross inland consumption						
Total	57 168	55 656	52 552	55 801	54 826	54 952
among which:						
Solid fuels	8 200	7 077	6 652	6 216	6 090	5 450
Crude oil and petrol. prod.	21 949	21 692	18 662	21 216	20 053	20 547
Natural gas	13 369	13 180	13 378	14 402	14 570	14 113
Nuclear Energy	12 422	11 956	12 217	12 222	12 204	12 277
Renewables	746	820	802	1 056	1 161	1 935
Transformation input						
Total	60 628	60 310	65 248	66 197	64 335	59 568
among which:						
Crude oil and feedstocks	37 085	38 224	42 808	43 026	40 985	35 792
Petroleum products	186	265	166	258	432	411
Hard coal	5 699	5 010	4 876	4 701	4 630	4 255
Lignite and peat	-	-	-	-	-	-
Renewables	367	409	404	574	638	1 335
Transformation output						
Total	47 999	48 645	53 254	53 563	51 785	46 392
among which:						
Electricity	7 066	6 708	6 923	7 155	7 197	7 325
Heat	532	525	514	504	502	464

 eurostat		BELGIQUE/BELGIE					
		2000	2001	2002	2003	2004	2005
<i>in 1 000 toe</i>							
Final energy consumption							
Total		36 931	37 201	35 848	38 043	37 398	36 403
<i>among which:</i>	Solid fuels	3 378	3 301	2 452	2 381	2 326	2 080
	Petroleum products	16 047	16 257	15 519	17 584	16 606	16 443
	Natural Gas	9 446	9 509	9 712	9 653	9 958	9 513
	Renewables	338	371	362	453	484	538
	Electricity	6 667	6 719	6 745	6 851	6 931	6 894
Final energy consumption by sector							
Industry							
Total		13 636	13 527	12 697	12 748	12 426	11 605
<i>among which:</i>	Solid fuels	3 164	3 096	2 224	2 210	2 139	1 933
	Petroleum Products	1 265	1 646	1 280	1 397	1 071	1 070
	Natural Gas	4 608	4 239	4 641	4 386	4 425	3 998
	Renewables	180	191	207	256	291	340
	Electricity	3 428	3 373	3 348	3 437	3 471	3 390
Transport							
Total		9 672	9 452	9 613	10 134	10 201	9 880
<i>among which:</i>	Motor spirit	2 362	2 300	2 196	2 214	2 032	1 854
	Diesel oil	5 494	5 690	5 839	5 998	6 525	6 450
	Jet fuel	1 530	1 160	1 257	1 544	1 425	1 281
	Electricity	124	126	125	128	129	144
Services&households							
Total		13 624	14 223	13 538	15 162	14 772	14 918
<i>among which:</i>	Solid fuels	215	205	228	171	187	147
	Gas oil	4 791	4 802	4 304	5 140	5 105	5 134
	Natural Gas	4 838	5 270	5 070	5 267	5 533	5 515
	Renewables	157	180	154	196	194	198
	Electricity	3 115	3 220	3 272	3 286	3 331	3 361
	Heat	64	63	62	60	60	55


3.1 Electricity balance

 eurostat	BELGIQUE/BELGIE					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	83 894	79 697	82 060	84 616	85 441	87 025
<i>among which:</i>						
Hydro	1 699	1 648	1 488	1 316	1 607	1 604
Wind	15	34	57	88	129	227
Geothermal	-	-	-	-	-	-
Nuclear	48 157	46 349	47 360	47 379	47 312	47 595
Conventional thermal	34 023	31 666	33 155	35 833	36 392	37 598
<i>of which:</i>						
Hard coal	12 916	9 936	10 029	9 638	9 147	8 199
Lignite and peat	-	-	-	-	-	-
Petroleum products	797	1 664	972	1 007	1 675	1 740
Natural gas	15 977	15 780	17 868	21 609	21 477	22 849
Derived gases	3 114	2 828	2 631	1 970	2 336	2 294
Biomass	860	945	1 169	1 339	1 535	2 114
Industrial wastes	359	513	486	270	222	402
Total net generation	80 160	76 085	78 143	80 806	81 538	83 395
Imports and exports						
Total imports	11 645	15 818	16 658	14 664	14 567	14 328
Total exports	7 319	6 712	9 070	8 254	6 790	8 024
Consumption and losses						
Consumption of the energy branch	5 758	5 702	6 307	6 525	7 465	7 542
<i>of which:</i>						
Consumption for pumped-storage	397	417	395	377	406	459
Network losses	3 683	3 755	3 768	3 757	3 855	4 156
Final energy consumption	77 539	78 138	78 443	79 677	80 603	80 182
<i>of which:</i>						
Industry	39 868	39 224	38 933	39 975	40 367	39 423
<i>among which:</i>						
Iron&steel industry	6 876	6 663	6 833	7 015	7 061	5 997
Non-ferrous metals	2 045	1 980	1 997	2 083	2 123	1 729
Chemical industry	13 480	13 189	13 177	13 537	13 473	13 767
Non-met. mineral prod.	2 518	2 497	2 515	2 563	2 613	2 325
Food, drink, tobacco	3 953	4 041	3 907	4 005	4 083	3 991
Pulp, paper and print	2 525	2 465	2 497	2 563	2 612	2 710
Engineering & metal	3 231	3 126	2 984	3 083	3 143	3 163
Other industries	2 853	2 887	2 751	2 803	2 746	3 981
Transport	1 440	1 463	1 452	1 490	1 502	1 675
Services & households etc.	36 231	37 451	38 058	38 212	38 734	39 084
<i>among which:</i>						
Households	23 738	24 396	25 921	26 026	26 543	26 007


3.2 Electrical capacity, fuel inputs and heat


		BELGIQUE/BELGIE					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	15 682	15 538	15 546	15 609	15 634	16 094
<i>by source:</i>							
Conventional thermal		8 545	8 353	8 341	8 366	8 365	8 713
<i>of which:</i>							
Steam		4 272	4 082	4 084	4 049	3 670	3 484
Gas turbine		1 281	1 300	1 226	1 243	1 275	1 313
Combined cycle		2 792	2 771	2 676	2 676	3 005	3 364
Internal combustion		200	200	356	398	415	433
Nuclear		5 713	5 738	5 761	5 761	5 761	5 802
Hydro		1 410	1 421	1 413	1 415	1 415	1 412
<i>among which:</i>							
Pumped storage		1 310	1 310	1 310	1 310	1 307	1 307
Wind		14	26	31	67	93	167
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		15 230	15 112	15 137	15 201	15 231	15 602
Autoproducers		442	416	409	408	403	494
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	7 467	6 499	6 715	7 536	7 635	8 299
<i>among which:</i>							
Hard coal		3 025	2 267	2 263	2 191	2 071	1 889
Lignite and peat		-	-	-	-	-	-
Petroleum products		186	265	166	258	432	411
Natural gas		3 144	2 884	3 164	3 954	3 908	4 058
Renewables		356	390	386	540	601	1 311
Heating plants		41	40	19	34	37	27
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		30	21	-	-	-	3
Renewables		11	19	19	34	37	24
Heat production and consumption							
Total heat production	TJ	532	525	514	504	502	464
<i>among which: in heating plants</i>		-	-	-	-	-	-
Heat consumption		490	483	474	464	462	427
<i>of which: in industry</i>		426	420	412	404	402	372
<i>in households and services</i>		64	63	62	60	60	55
<i>among which: in households</i>		16	16	15	15	15	14

4.1 Crude oil and feedstocks


 eurostat	BELGIQUE/BELGIE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	37 441	35 495	36 637	39 257	38 184	35 561
Total exports	3 455	2 261	2 740	3 009	3 052	3 232
Stock changes	52	129	32	-29	4	152
Refinery intake	38 344	40 254	46 412	45 920	43 576	37 485
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	12 500	11 597	11 262	14 533	12 208	11 287
Near and Middle East	11 135	9 944	9 752	11 811	10 285	10 066
Africa	930	555	962	1 670	772	953
<i>by country of origin:</i>						
Algeria	177	142	631	249	208	-
Irak	1 814	1 035	687	933	160	240
Iran	2 494	2 895	2 505	4 689	4 620	4 513
Kazakhstan	-	-	-	163	-	-
Kuwait	-	87	2	-	331	70
Libya	160	6	-	-	36	67
Mexico	126	-	-	-	-	-
Nigeria	289	238	187	1 265	433	320
Norway	8 936	8 135	6 784	4 711	2 949	2 749
Russia	5 254	5 088	9 041	11 461	13 953	13 433
Saudi Arabia	6 794	5 821	6 337	6 144	5 373	5 267
Syria	-	53	162	-	-	46
United Arab Emirates	-	50	-	-	-	-

4.2 Petroleum products


 eurostat	BELGIQUE/BELGIE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	38 092	39 883	46 005	45 489	43 233	37 046
<i>among which:</i>						
Motor spirit	5 311	5 493	5 775	5 865	5 789	5 056
Kerosene and jet fuel	2 317	2 026	2 145	2 110	2 221	1 743
Naphtha	2 026	2 135	2 051	2 460	2 318	1 624
Gas/diesel oil	12 501	12 777	12 464	13 013	12 327	11 938
Residual fuel oil	7 990	7 015	7 603	8 689	8 380	8 042
Total imports	14 445	15 468	15 160	15 592	17 558	20 213
Total exports	19 655	19 367	19 969	20 239	22 084	22 202
Bunkers	5 545	5 429	7 080	7 146	8 037	7 953
Stock changes	-101	-327	268	-256	48	-387
Gross inland consumption	-10 856	-9 655	-11 614	-12 041	-12 509	-10 323
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	9 062	8 256	9 502	10 744	12 684	13 673
United Kingdom	1 357	1 509	1 327	1 064	640	886
Norway	505	235	116	100	131	126
OPEC	157	96	555	326	22	252
Imports by product						
<i>among which:</i>						
Motor spirit	1 536	1 472	1 218	1 123	1 080	1 625
Kerosene and jet fuel	496	535	721	1 110	1 292	1 187
Gas/diesel oil	6 259	7 281	6 314	6 657	8 300	9 693
Residual fuel oil	2 347	2 886	3 678	4 457	5 364	5 982
Exports by product						
<i>among which:</i>						
Motor spirit	4 604	4 801	4 935	4 859	4 991	4 814
Kerosene and jet fuel	1 194	1 348	1 551	1 636	1 974	1 617
Gas/diesel oil	7 422	7 589	7 643	7 419	8 193	8 919
Residual fuel oil	3 887	3 413	3 515	4 024	4 430	4 723
Consumption						
Inputs to electricity plants	194	276	173	270	452	428
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	5 210	5 442	5 159	4 421	3 705	3 964
Final energy consumption	15 919	16 080	15 339	17 444	16 397	16 271
Industry						
<i>among which by product:</i>						
Gas/diesel oil	308	745	592	293	292	283
Residual fuel oil	507	658	334	830	677	651

 eurostat	BELGIQUE/BELGIE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	252	36	50	32	31	36
Non-ferrous metals	206	23	49	46	28	36
Chemical industry	31	1	14	208	150	171
Non-met. mineral prod.	147	414	319	396	321	326
Food, drink, tobacco	162	168	163	178	178	148
Pulp, paper and print	47	50	60	45	43	43
Engineering & metal	15	34	15	26	24	26
Other industries	529	994	651	555	339	343
Transport	9 331	9 119	9 284	9 796	9 861	9 542
<i>among which:</i>						
Motor spirit	2 248	2 189	2 090	2 107	1 934	1 764
Jet fuel	1 490	1 129	1 224	1 503	1 387	1 247
Diesel oil	5 438	5 632	5 779	5 937	6 458	6 384
Services & households etc.	5 176	5 225	4 703	6 153	5 402	5 586
<i>among which:</i>						
Gas oil	4 742	4 753	4 260	5 088	5 053	5 082
Residual fuel oil	162	190	180	829	116	318
Stocks at end of period						
Crude oil and feedstocks	929	800	768	797	793	641
Petroleum products	2 730	3 092	2 824	3 080	3 032	3 419


5. Natural gas

 eurostat	BELGIQUE/BELGIE						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		96	-	-	-	-	-
Total imports		617 685	610 993	635 134	662 591	677 290	660 160
Total exports		-	-	-	-	-	-
Stock changes		4 124	2 130	-12 791	7 390	506	-3 624
Gross inland consumption		621 905	613 123	622 343	669 981	677 796	656 536
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		173 459	89 431	132 041	126 371	113 551	128 211
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	6 295	-	-	-	-
Norway		199 298	202 635	207 287	215 374	251 582	182 471
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	15 322	33 776
Consumption							
Inputs to electricity plants		146 236	134 167	147 188	183 960	181 792	188 782
Inputs to heat plants		1 382	956	-	-	-	142
Consumption of energy branch		1 875	2 510	2 260	2 344	2 779	3 220
Distribution losses		-	-	-	-	-	-
Non-energy use		33 512	34 476	32 061	39 298	39 697	41 197
Industry		214 368	197 205	215 922	204 034	205 857	185 980
<i>among which:</i>							
Iron&steel industry		38 085	32 806	34 184	34 024	35 777	33 836
Non-ferrous metals		4 989	4 479	4 521	5 479	5 278	4 940
Chemical industry		80 225	71 615	78 861	81 914	81 061	88 201
Non-met. mineral prod.		20 386	19 601	18 021	25 528	28 534	17 233
Food, drink, tobacco		8 554	7 069	8 580	21 964	21 964	20 037
Pulp, paper and print		4 974	4 115	5 035	6 473	6 851	4 262
Engineering & metal		7 787	6 465	9 103	12 542	13 457	5 079
Other industries		46 377	48 319	55 037	8 366	5 191	7 873
Transport		-	-	-	-	-	-
Services & households etc.		225 060	245 146	235 870	245 027	257 396	256 560
<i>among which:</i>							
Households		153 172	168 496	160 795	167 411	175 154	173 340
Services		71 888	76 650	75 075	77 616	82 242	83 220


6.1 Hard coal


 eurostat	BELGIQUE/BELGIE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	11 347	12 681	9 905	9 390	9 790	8 804
Total exports	1 425	1 886	2 008	961	1 314	1 229
Stock changes	749	-872	970	105	-234	-133
Gross inland consumption	11 046	10 141	9 040	8 663	8 423	7 551
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 463	3 824	2 577	2 339	2 623	2 950
Colombia	431	215	314	12	64	-
Russia	724	830	969	915	1 263	944
South Africa	3 087	3 560	2 798	3 607	3 094	2 081
USA	2 207	2 410	1 840	1 735	1 659	1 714
Consumption						
Inputs to electricity plants	4 374	3 781	3 772	3 618	2 974	3 045
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	1 458	1 535	824	712	642	597
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	1	-	6	6
Non-met. mineral prod.	359	225	215	111	168	116
Food, drink, tobacco	38	44	46	59	59	25
Pulp, paper and print	44	49	43	46	58	44
Engineering & metal	-	8	19	13	6	39
Other industries	55	31	8	7	3	14
Services & households etc.	297	324	309	234	256	188

6.2 Coal derivatives and peat

	BELGIQUE/BELGIE					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	3 104	3 221	2 966	2 861	2 965	2 856
Patent Fuel	5	11	11	11	10	7
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	23 348	22 769	22 266	21 094	22 393	21 868
Blast-furnace gas	39 304	35 494	36 670	36 381	38 298	33 776
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	2 575	2 764	1 964	2 151	2 044	1 827
<i>among which:</i>						
Iron & steel industry	2 489	2 682	1 909	2 092	1 980	1 743
Services & households	3	2	7	3	-	8
Patent Fuel	7	10	9	5	8	8
<i>among which:</i>						
Services & households	7	10	7	5	8	8
Lignite and peat	218	204	189	189	189	206
<i>among which:</i>						
Industry	218	204	189	189	189	206
Services & households	-	-	-	-	-	-
Brown coal briquettes	4	5	5	4	12	10
<i>among which:</i>						
Industry	-	-	-	-	8	-
Services & households	4	5	5	4	4	10
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	8 634	8 922	9 264	9 285	9 129	8 986
Blast-furnace gas	15 856	15 466	16 127	19 154	17 758	12 674
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	27 480	23 153	23 228	19 189	23 494	23 411
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	10 682	10 722	10 317	9 847	10 301	10 573
Consumption in industry	24 490	24 388	25 391	28 439	26 887	21 660


7. Renewable energy sources

		BELGIQUE/BELGIE					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	641	719	666	896	955	1 636
Hydro (excl. pumping)		39	38	31	21	27	25
Wind		1	3	5	8	11	20
Solar		1	1	2	2	3	3
Geothermal		4	4	1	1	1	1
Biomass		596	673	627	864	913	1 588
<i>among which:</i>							
Wood, wood-waste		244	274	254	346	386	423
Municipal solid waste		323	355	329	467	454	490
Biogas		29	44	45	52	72	86
Gross inland consumption		746	820	802	1 056	1 161	1 935
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	-	-	-	-
Biomass		367	409	404	574	638	1 335
<i>among which:</i>							
Wood, wood-waste		18	20	40	63	115	192
Municipal waste		323	355	329	467	454	490
Biogas		26	34	36	44	69	62
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	338	371	362	453	484	538
by sector:							
Industry		180	191	207	256	291	340
Services & households etc.		157	180	154	196	194	198
Transport		-	-	-	-	-	-
by source:							
Biomass		333	365	359	449	481	534
<i>among which:</i>							
Wood, wood-waste		330	355	349	441	476	511
Municipal waste		-	-	-	-	-	-
Biogas		3	10	10	8	5	23
Geothermal		4	4	1	1	1	1
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	-	-	-	1	1
Hydro with installed capacity < 1 MW		19	18	17	14	22	15
Hydro with installed capacity > 1 & <10 MW		236	224	181	133	163	151
Hydro with installed capacity > 10 MW		205	199	162	100	125	114
Wood, Wood-waste		164	173	271	377	513	960
Municipal waste		689	756	761	788	789	850
Biogas		98	127	137	174	233	304

		BELGIQUE/BELGIE					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	1	1	1	2
Hydro with installed capacity < 1 MW		6	6	7	6	8	8
Hydro with installed capacity > 1 & <10 MW		54	54	53	53	52	54
Hydro with installed capacity > 10 MW		43	51	51	51	55	55
Wood, Wood-waste		47	62	57	121	130	293
Municipal waste		97	101	134	133	132	139
Biogas		39	28	29	42	50	56
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	725
Solar Panels							
Solar panel surface	<i>1000 m²</i>	41	44	50	58	74	77


1. Energy economy


Key figures and energy indicators

		BULGARIA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	9 834	10 290	10 530	10 097	10 168	10 553
Net energy imports		8 681	8 974	8 898	9 180	9 121	9 416
Net oil imports		4 081	4 240	4 446	4 540	4 327	5 086
Net gas imports		2 742	2 731	2 498	2 356	2 389	2 458
Gross inland energy consumption		18 610	19 337	18 962	19 420	18 867	19 884
Final energy consumption		8 578	8 611	8 695	9 365	9 133	9 506
Industry		3 637	3 635	3 484	3 769	3 688	3 672
Transport		1 817	1 918	2 020	2 283	2 366	2 560
Services and households etc.		3 124	3 058	3 191	3 313	3 080	3 274
Gross electricity generation	GWh	40 924	43 968	42 679	42 600	41 621	44 366
Final electricity consumption		24 132	24 530	24 041	25 110	24 882	25 678
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	9 612	10 002	10 562	11 090	11 827	12 566
Population	1000 per.	8 191	7 929	7 892	7 846	7 801	7 761
Industry added value	Mio EUR	2 616	2 722	2 777	2 937	3 053	3 194
Total imports (current prices)	Mio EUR	7 331	8 415	8 891	10 347	11 852	13 403
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 936.2	1 933.3	1 795.4	1 751.1	1 595.3	1 582.4
Final energy consumption / GDP(95)		892.5	860.9	823.2	844.4	772.3	756.5
Energy intensity of industry:							
Final consumption / gross value-added mp		1 390.2	1 335.6	1 254.6	1 283.2	1 208.1	1 149.7
Energy intensity of service sector:							
Final consumption / gross value-added mp		152.0	171.7	158.0	154.0	133.7	144.9
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 272	2 439	2 403	2 475	2 418	2 562
Final energy consumption / capita		1 047	1 086	1 102	1 194	1 171	1 225
Household consumption / capita		264	254	275	290	270	276
Final electricity consumption / capita	kWh/cap.	2 946	3 094	3 046	3 200	3 189	3 309
Energy dependency							
Net energy imports / Gross consumption	in %	46.5	46.2	46.7	46.9	48.0	47.1
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	46.1	44.5	45.9	48.2	48.4	47.8
Efficiency of thermal power stations		41.4	41.0	41.0	41.7	42.3	41.7


2. Energy balance

Principal aggregates by product


 eurostat	BULGARIA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	9 834	10 290	10 530	10 097	10 168	10 553
among which:						
Hard coal	60	44	38	21	-	4
Lignite and peat	4 250	4 454	4 390	4 625	4 524	4 174
Crude oil	42	34	37	30	30	30
Natural Gas	12	18	16	13	267	384
Nuclear heat	4 689	5 044	5 216	4 457	4 337	4 812
Hydro-electricity	230	149	189	260	272	373
Biomass	550	547	643	691	737	743
Imports						
Total	11 281	11 743	11 251	11 262	12 055	12 774
among which:						
Hard coal	2 245	2 458	2 419	2 455	2 856	2 490
Crude oil and feedstocks	5 346	5 650	5 292	5 189	5 704	6 328
Petroleum products	728	664	760	984	941	1 355
Natural Gas	2 742	2 731	2 498	2 356	2 389	2 458
Electricity	83	94	175	103	64	69
Exports						
Total	2 600	2 769	2 353	2 082	2 934	3 357
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	1 993	2 073	1 606	1 633	2 317	2 597
Natural gas	-	-	-	-	-	-
Electricity	480	689	717	441	569	721
Gross inland consumption						
Total	18 610	19 337	18 962	19 420	18 867	19 884
among which:						
Solid fuels	6 417	7 246	6 658	7 329	7 247	6 892
Crude oil and petrol. prod.	4 181	4 211	4 389	4 501	4 285	4 846
Natural gas	2 932	2 739	2 404	2 501	2 493	2 804
Nuclear Energy	4 689	5 044	5 216	4 457	4 337	4 812
Renewables	776	692	828	942	980	1 123
Transformation input						
Total	18 593	19 754	19 017	19 108	18 873	20 173
among which:						
Crude oil and feedstocks	5 406	5 660	5 416	5 305	5 852	6 586
Petroleum products	202	217	219	215	196	179
Hard coal	2 091	2 229	2 069	2 270	2 194	2 249
Lignite and peat	4 482	4 960	4 585	5 244	4 803	4 692
Renewables	-	-	-	-	-	4
Transformation output						
Total	11 297	11 679	11 140	11 389	11 651	12 387
among which:						
Electricity	3 265	3 594	3 437	3 379	3 290	3 408
Heat	1 209	1 242	1 175	1 287	1 212	1 277

 eurostat		BULGARIA					
		2000	2001	2002	2003	2004	2005
<i>in 1 000 toe</i>							
Final energy consumption							
Total		8 578	8 611	8 695	9 365	9 133	9 506
<i>among which:</i>	Solid fuels	860	938	1 031	1 132	1 007	936
	Petroleum products	2 980	3 071	3 139	3 382	3 376	3 596
	Natural Gas	937	779	741	814	792	931
	Renewables	547	540	639	682	709	745
	Electricity	2 075	2 109	2 067	2 159	2 139	2 208
Final energy consumption by sector							
Industry							
Total		3 637	3 635	3 484	3 769	3 688	3 672
<i>among which:</i>	Solid fuels	565	751	699	764	739	671
	Petroleum Products	827	763	789	806	760	746
	Natural Gas	912	747	706	767	729	830
	Renewables	20	43	44	58	63	94
	Electricity	738	777	729	791	835	846
Transport							
Total		1 817	1 918	2 020	2 283	2 366	2 560
<i>among which:</i>	Motor spirit	693	597	642	617	589	573
	Diesel oil	768	849	859	1 093	1 236	1 394
	Jet fuel	101	148	150	182	172	200
	Electricity	39	38	39	37	36	36
Services&households							
Total		3 124	3 058	3 191	3 313	3 080	3 274
<i>among which:</i>	Solid fuels	295	187	331	368	268	265
	Gas oil	325	384	326	282	240	243
	Natural Gas	25	33	35	48	57	82
	Renewables	527	497	595	623	646	651
	Electricity	1 298	1 295	1 299	1 331	1 268	1 326
	Heat	605	618	561	612	548	604


3.1 Electricity balance

 eurostat	BULGARIA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	40 924	43 968	42 679	42 600	41 621	44 366
<i>among which:</i>						
Hydro	2 951	2 171	2 704	3 301	3 363	4 730
Wind	-	-	-	-	1	2
Geothermal	-	-	-	-	-	-
Nuclear	18 178	19 553	20 222	17 280	16 815	18 653
Conventional thermal	19 795	22 244	19 753	22 019	21 442	20 981
<i>of which:</i>						
Hard coal	2 972	4 446	3 863	4 525	3 950	4 866
Lignite and peat	13 969	15 051	13 319	14 712	14 952	13 129
Petroleum products	661	579	830	789	822	671
Natural gas	1 912	1 908	1 539	1 762	1 494	2 130
Derived gases	266	260	191	225	205	168
Biomass	15	-	-	-	-	-
Industrial wastes	-	-	11	6	19	17
Total net generation	36 884	39 617	38 598	38 474	37 544	40 278
Imports and exports						
Total imports	964	1 092	2 040	1 194	741	799
Total exports	5 584	8 017	8 335	5 125	6 620	8 380
Consumption and losses						
Consumption of the energy branch	5 551	5 945	5 652	5 701	5 528	5 831
<i>of which:</i>						
Consumption for pumped-storage	205	214	205	209	92	151
Network losses	6 290	6 126	6 178	6 026	5 092	4 883
Final energy consumption	24 132	24 530	24 041	25 110	24 882	25 678
<i>of which:</i>						
Industry	8 584	9 035	8 479	9 197	9 713	9 838
<i>among which:</i>						
Iron&steel industry	1 702	1 862	1 644	1 959	1 868	1 740
Non-ferrous metals	753	782	608	753	820	816
Chemical industry	1 821	1 843	1 583	1 536	1 580	1 677
Non-met. mineral prod.	624	631	606	638	698	790
Food, drink, tobacco	815	893	854	869	1 117	1 240
Pulp, paper and print	262	240	392	464	651	490
Engineering & metal	814	837	929	903	862	927
Other industries	527	582	521	691	737	712
Transport	453	437	449	436	421	413
Services & households etc.	15 095	15 058	15 113	15 477	14 748	15 427
<i>among which:</i>						
Households	9 858	9 751	9 306	9 311	8 770	9 046


3.2 Electrical capacity, fuel inputs and heat


		BULGARIA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	12 017	13 854	10 972	11 997	11 978	11 972
<i>by source:</i>							
Conventional thermal		5 673	7 458	6 878	6 759	6 689	6 682
<i>of which:</i>							
Steam		5 673	7 458	6 878	6 759	6 689	6 682
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		3 480	3 532	2 146	2 723	2 722	2 722
Hydro		2 864	2 864	1 948	2 515	2 567	2 567
<i>among which:</i>							
Pumped storage		864	864	864	864	864	864
Wind		-	-	-	-	-	1
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		10 488	12 280	10 513	11 657	11 708	11 709
Autoproducers		545	415	459	340	270	263
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 292	6 937	6 332	6 905	6 582	6 523
<i>among which:</i>							
Hard coal		1 057	1 408	1 288	1 440	1 392	1 530
Lignite and peat		3 904	4 201	3 781	4 183	3 969	3 701
Petroleum products		160	179	187	175	159	149
Natural gas		824	772	718	742	680	664
Renewables		-	-	-	-	-	-
Heating plants		324	308	279	312	276	370
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		1	1	0	-	-	-
Petroleum products		42	37	32	40	37	31
Natural gas		281	270	247	271	238	334
Renewables		-	-	-	-	-	4
Heat production and consumption							
Total heat production	TJ	1 209	1 242	1 175	1 287	1 212	1 277
<i>among which: in heating plants</i>							
		294	295	260	287	259	345
Heat consumption		877	935	860	914	866	939
<i>of which: in industry</i>							
		272	317	299	302	318	335
<i>in households and services</i>							
		605	618	561	612	548	604
<i>among which: in households</i>							
		508	489	440	475	424	438

4.1 Crude oil and feedstocks


 eurostat	BULGARIA					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	42	34	37	30	30	30
Total imports	5 306	5 628	5 280	5 237	5 719	6 338
Total exports	-	-	-	-	-	-
Stock changes	29	-74	-19	-32	-33	115
Refinery intake	5 365	5 638	5 402	5 351	5 865	6 594
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	68	70	-
Near and Middle East	-	-	77	68	70	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	91	662	505	523
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	5 152	5 095	5 047	3 689	4 714	5 406
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	77	-	-	-
United Arab Emirates	-	-	-	68	70	-

4.2 Petroleum products


 eurostat	BULGARIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	5 181	5 411	5 032	5 175	5 769	6 279
<i>among which:</i>						
Motor spirit	1 017	1 151	1 030	967	1 401	1 381
Kerosene and jet fuel	116	154	123	145	142	144
Naphtha	455	469	432	663	546	521
Gas/diesel oil	1 934	1 978	1 817	1 878	1 912	2 265
Residual fuel oil	1 127	1 095	1 203	718	958	1 217
Total imports	741	677	799	1 025	978	1 425
Total exports	1 981	2 055	1 608	1 623	2 302	2 581
Bunkers	64	96	105	137	115	110
Stock changes	88	101	36	105	83	-287
Gross inland consumption	-1 216	-1 373	-878	-630	-1 356	-1 553
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	13	3	-
United Kingdom	-	-	-	-	-	-
Norway	-	-	1	-	6	1
OPEC	-	-	38	156	174	317
Imports by product						
<i>among which:</i>						
Motor spirit	197	112	26	63	72	140
Kerosene and jet fuel	28	53	52	50	50	52
Gas/diesel oil	184	101	114	183	180	362
Residual fuel oil	21	57	79	131	136	93
Exports by product						
<i>among which:</i>						
Motor spirit	559	717	447	443	907	933
Kerosene and jet fuel	65	65	32	20	25	6
Gas/diesel oil	850	727	522	512	467	665
Residual fuel oil	456	518	584	503	851	919
Consumption						
Inputs to electricity plants	177	203	206	229	206	187
Inputs to heating plants	44	39	33	42	39	32
Non-energy use	639	663	384	514	485	536
Final energy consumption	2 964	3 054	3 143	3 420	3 399	3 609
Industry						
<i>among which by product:</i>						
Gas/diesel oil	105	87	81	81	78	80
Residual fuel oil	501	429	409	243	225	205

 eurostat	BULGARIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	12	3	-	-	-	2
Non-ferrous metals	42	44	40	37	34	39
Chemical industry	281	307	275	348	317	244
Non-met. mineral prod.	173	172	280	285	275	332
Food, drink, tobacco	144	112	89	78	69	52
Pulp, paper and print	39	21	34	30	31	33
Engineering & metal	39	26	26	22	18	17
Other industries	77	70	68	76	68	80
Transport	1 715	1 813	1 908	2 168	2 248	2 428
<i>among which:</i>						
Motor spirit	659	568	611	587	560	545
Jet fuel	98	144	146	177	167	195
Diesel oil	760	840	850	1 082	1 223	1 380
Services & households etc.	372	424	364	327	289	337
<i>among which:</i>						
Gas oil	322	380	323	279	238	241
Residual fuel oil	37	26	24	25	29	33
Stocks at end of period						
Crude oil and feedstocks	128	202	221	253	286	171
Petroleum products	753	652	616	511	428	715


5. Natural gas

 eurostat	BULGARIA						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		573	853	752	597	12 432	17 884
Total imports		127 563	127 044	116 222	109 593	111 129	114 340
Total exports		-	-	-	-	-	-
Stock changes		8 267	-482	-5 132	6 136	-7 602	-1 778
Gross inland consumption		136 403	127 415	111 842	116 326	115 959	130 446
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		127 563	127 044	116 222	109 593	111 129	114 340
Consumption							
Inputs to electricity plants		38 327	35 916	33 401	34 497	31 644	30 907
Inputs to heat plants		13 065	12 550	11 477	12 621	11 093	15 516
Consumption of energy branch		11 243	9 986	9 520	7 334	9 856	13 041
Distribution losses		1 767	4 156	3 292	3 764	3 704	2 343
Non-energy use		28 268	27 976	18 914	19 656	23 055	24 586
Industry		42 424	34 729	32 860	35 663	33 894	38 607
<i>among which:</i>							
Iron&steel industry		12 941	11 725	10 991	13 871	11 916	12 077
Non-ferrous metals		417	408	310	349	469	741
Chemical industry		12 433	8 534	7 333	6 283	5 627	8 723
Non-met. mineral prod.		9 958	6 939	7 203	5 862	6 534	7 095
Food, drink, tobacco		2 143	2 375	2 891	3 317	3 266	3 664
Pulp, paper and print		1 871	1 484	979	2 202	2 483	2 396
Engineering & metal		1 398	1 521	1 125	1 194	1 234	1 440
Other industries		517	519	505	560	519	467
Transport		-	-	-	-	270	888
Services & households etc.		1 179	1 521	1 631	2 221	2 658	3 832
<i>among which:</i>							
Households		9	37	59	144	268	655
Services		570	816	874	1 304	1 390	1 942


6.1 Hard coal

 eurostat	BULGARIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	118	110	94	51	-	9
Total imports	3 433	3 839	3 854	3 930	4 678	4 088
Total exports	-	-	-	-	-	-
Stock changes	-172	76	-347	187	-438	264
Gross inland consumption	3 379	4 025	3 601	4 168	4 240	4 361
Imports						
Imports by origin						
<i>among which:</i>						
Australia	53	152	322	505	576	267
Colombia	-	-	-	-	-	-
Russia	744	-	905	1 287	1 119	1 160
South Africa	-	-	-	-	-	-
USA	779	418	232	670	466	356
Consumption						
Inputs to electricity plants	1 747	2 371	2 147	2 444	2 408	2 608
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	2	1	1	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	3	51	30	38	7	40
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	106	104	29	44	125	111
Non-met. mineral prod.	159	262	174	246	255	204
Food, drink, tobacco	41	37	45	31	36	35
Pulp, paper and print	-	-	83	32	-	-
Engineering & metal	1	-	-	-	1	2
Other industries	1	2	5	1	55	62
Services & households etc.	1	2	45	172	187	235

6.2 Coal derivatives and peat

	BULGARIA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	898	797	761	846	832	743
Patent Fuel	-	-	-	-	-	-
Lignite and peat	26 314	26 501	25 924	27 248	26 452	24 686
Brown coal briquettes	1 124	1 045	1 285	1 303	1 078	1 491
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	8 033	5 934	5 966	6 577	6 222	5 501
Blast-furnace gas	11 280	9 134	7 734	9 636	8 295	7 578
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	534	655	638	730	628	563
<i>among which:</i>						
Iron & steel industry	365	477	496	599	528	503
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	240	167	272	229	225	198
<i>among which:</i>						
Industry	27	21	62	32	68	71
Services & households	213	146	210	197	157	127
Brown coal briquettes	550	345	589	561	346	243
<i>among which:</i>						
Industry	6	7	8	7	6	5
Services & households	544	338	581	554	339	238
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	2 999	2 139	2 217	2 453	1 863	1 550
Blast-furnace gas	9 581	7 814	6 741	8 373	7 211	2 536
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	2 586	1 913	1 476	1 702	1 622	1 410
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	4 147	3 202	3 267	3 685	3 821	7 583
Consumption in industry	12 580	9 953	8 958	10 826	9 074	4 086


7. Renewable energy sources

		BULGARIA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	780	696	832	952	1 009	1 149
Hydro (excl. pumping)		230	149	189	260	272	373
Wind		-	-	-	-	0	0
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	33
Biomass		550	547	643	691	737	743
	<i>among which:</i>						
Wood, wood-waste		550	547	643	691	737	743
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Gross inland consumption		776	692	828	942	980	1 123
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		-	-	-	-	-	4
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	-	4
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	547	540	639	682	709	745
	<i>by sector:</i>						
Industry		20	43	44	58	63	94
Services & households etc.		527	497	595	623	646	651
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		547	540	639	682	709	713
	<i>among which:</i>						
Wood, wood-waste		547	540	639	682	709	713
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	33
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		40	6	5	6	36	3
Hydro with installed capacity > 1 & <10 MW		240	19	12	37	137	851
Hydro with installed capacity > 10 MW		2 393	1 712	2 177	2 919	2 994	3 483
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-

eurostat		BULGARIA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		8	8	8	8	9	9
Hydro with installed capacity > 1 & <10 MW		125	125	125	125	63	63
Hydro with installed capacity > 10 MW		1 867	1 867	1 867	1 867	1 928	1 928
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy


Key figures and energy indicators

		ČESKÁ REPUBLIKA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	29 443	30 088	30 262	32 823	32 680	32 368
Net energy imports		9 294	10 564	10 903	10 925	11 036	12 268
Net oil imports		7 428	8 079	7 770	8 216	8 781	9 499
Net gas imports		7 482	7 736	7 917	7 698	7 094	7 535
Gross inland energy consumption		40 304	41 158	41 391	43 884	44 846	44 795
Final energy consumption		22 401	22 523	23 495	25 229	26 193	25 801
Industry		8 527	8 042	9 379	9 406	9 840	9 439
Transport		4 721	4 986	5 143	5 793	6 167	6 569
Services and households etc.		9 153	9 495	8 973	10 030	10 185	9 793
Gross electricity generation	GWh	73 466	74 647	76 348	83 227	84 333	82 578
Final electricity consumption		49 351	50 856	50 789	52 376	53 801	55 246
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	45 499	46 617	47 501	49 212	51 286	54 404
Population	1000 per.	10 278	10 267	10 206	10 203	10 212	10 221
Industry added value	Mio EUR	16 341	16 071	16 569	16 457	17 848	20 376
Total imports (current prices)	Mio EUR	36 861	41 572	43 662	47 146	55 715	58 367
among which:							
All energy commodities		:	:	:	:	2 186	4 099
Oil products		:	:	:	:	1 888	3 715
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	885.8	882.9	871.4	891.7	874.4	823.4
Final energy consumption / GDP(95)		492.3	483.1	494.6	512.7	510.7	474.2
Energy intensity of industry:							
Final consumption / gross value-added mp		521.8	500.4	566.0	571.6	551.3	463.2
Energy intensity of service sector:							
Final consumption / gross value-added mp		157.8	145.2	136.7	145.4	140.0	128.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 921	4 009	4 055	4 301	4 392	4 383
Final energy consumption / capita		2 179	2 194	2 302	2 473	2 565	2 524
Household consumption / capita		512	558	523	587	612	593
Final electricity consumption / capita	kWh/cap.	4 802	4 954	4 976	5 133	5 269	5 405
Energy dependency							
Net energy imports / Gross consumption	in %	23.1	25.7	26.3	24.9	24.6	27.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	55.6	54.7	56.8	57.5	58.4	57.6
Efficiency of thermal power stations		46.8	47.3	46.9	48.1	47.3	46.5


2. Energy balance

Principal aggregates by product


 eurostat	CESKA REPUBLIKA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	29 443	30 088	30 262	32 823	32 680	32 368
among which:						
Hard coal	24 908	25 190	24 100	24 101	23 423	23 425
Lignite and peat	94	106	106	95	88	95
Crude oil	171	180	257	309	297	304
Natural Gas	169	122	115	131	162	154
Nuclear heat	3 506	3 805	4 834	6 674	6 791	6 379
Hydro-electricity	151	177	214	119	174	205
Biomass	444	510	637	1 394	1 743	1 803
Imports						
Total	17 766	19 015	19 038	19 366	19 250	20 546
among which:						
Hard coal	628	766	798	835	991	758
Crude oil and feedstocks	5 601	5 936	5 999	6 292	6 315	7 595
Petroleum products	2 894	3 424	3 160	3 169	3 420	3 149
Natural Gas	7 483	7 736	7 918	7 740	7 166	7 604
Electricity	750	807	817	867	841	1 062
Exports						
Total	8 472	8 451	8 135	8 441	8 214	8 278
among which:						
Crude oil and feedstocks	109	117	136	130	62	56
Petroleum products	958	1 164	1 252	1 116	893	1 190
Natural gas	1	-	1	41	72	69
Electricity	1 612	1 627	1 796	2 261	2 192	2 148
Gross inland consumption						
Total	40 304	41 158	41 391	43 884	44 846	44 795
among which:						
Solid fuels	21 645	21 042	20 473	20 604	20 363	20 099
Crude oil and petrol. prod.	7 790	8 282	8 322	8 578	9 379	9 748
Natural gas	7 500	8 032	7 762	7 842	7 788	7 703
Nuclear Energy	3 506	3 805	4 834	6 674	6 791	6 379
Renewables	595	687	851	1 514	1 781	1 825
Transformation input						
Total	30 691	31 610	31 944	34 295	34 893	35 075
among which:						
Crude oil and feedstocks	6 047	6 257	6 234	6 587	6 851	7 957
Petroleum products	300	312	235	231	199	199
Hard coal	17 818	18 207	17 599	17 800	17 818	17 589
Lignite and peat	100	112	113	107	100	94
Renewables	287	285	282	294	368	273
Transformation output						
Total	19 333	19 891	19 879	21 132	21 357	21 954
among which:						
Electricity	6 118	6 206	6 320	7 002	7 030	6 838
Heat	3 325	3 565	3 402	3 518	3 449	3 326

 eurostat	CESKA REPUBLIKA						
	<i>in 1 000 toe</i>	2000	2001	2002	2003	2004	2005
Final energy consumption							
Total		22 401	22 523	23 495	25 229	26 193	25 801
<i>among which:</i>	Solid fuels	3 649	2 743	3 797	4 225	4 288	3 619
	Petroleum products	5 302	5 376	5 733	6 287	6 689	6 913
	Natural Gas	5 890	6 424	6 165	6 294	6 186	6 155
	Renewables	154	222	352	740	1 238	1 344
	Electricity	4 243	4 373	4 367	4 504	4 626	4 750
Final energy consumption by sector							
Industry							
Total		8 527	8 042	9 379	9 406	9 840	9 439
<i>among which:</i>	Solid fuels	2 249	1 745	2 944	3 103	3 164	2 943
	Petroleum Products	602	416	592	497	664	475
	Natural Gas	2 602	2 612	2 581	2 522	2 483	2 418
	Renewables	127	177	301	210	258	384
	Electricity	1 629	1 714	1 768	1 767	1 922	1 990
Transport							
Total		4 721	4 986	5 143	5 793	6 167	6 569
<i>among which:</i>	Motor spirit	1 956	2 001	2 027	2 210	2 202	2 162
	Diesel oil	2 297	2 511	2 638	3 022	3 292	3 745
	Jet fuel	197	211	200	258	331	346
	Electricity	198	180	182	188	186	184
Services&households							
Total		9 153	9 495	8 973	10 030	10 185	9 793
<i>among which:</i>	Solid fuels	1 400	998	852	1 122	1 124	676
	Gas oil	7	4	6	7	11	9
	Natural Gas	3 285	3 808	3 577	3 764	3 692	3 727
	Renewables	27	45	51	530	949	958
	Electricity	2 416	2 479	2 417	2 549	2 517	2 577
	Heat	1 843	2 005	1 888	1 869	1 814	1 786


3.1 Electricity balance

 eurostat	CESKA REPUBLIKA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	73 466	74 647	76 348	83 227	84 333	82 578
<i>among which:</i>						
Hydro	2 313	2 467	2 845	1 794	2 562	3 027
Wind	-	-	2	4	10	22
Geothermal	-	-	-	-	-	-
Nuclear	13 590	14 749	18 738	25 872	26 325	24 728
Conventional thermal	57 563	57 431	54 763	55 557	55 436	54 801
<i>of which:</i>						
Hard coal	51 818	51 587	48 979	49 976	49 439	48 657
Lignite and peat	300	310	300	298	225	259
Petroleum products	372	386	384	368	348	346
Natural gas	3 588	3 670	3 657	3 750	3 827	3 954
Derived gases	762	765	754	668	876	846
Biomass	522	518	498	497	721	739
Industrial wastes	201	195	191	-	-	-
Total net generation	68 014	68 780	70 393	76 659	77 919	76 193
Imports and exports						
Total imports	8 725	9 380	9 502	10 086	9 776	12 351
Total exports	18 742	18 919	20 889	26 299	25 493	24 985
Consumption and losses						
Consumption of the energy branch	8 587	8 929	8 961	9 140	9 188	9 024
<i>of which:</i>						
Consumption for pumped-storage	194	143	126	141	187	220
Network losses	4 956	4 910	4 858	5 087	5 084	5 027
Final energy consumption	49 351	50 856	50 789	52 376	53 801	55 246
<i>of which:</i>						
Industry	18 944	19 939	20 558	20 550	22 358	23 145
<i>among which:</i>						
Iron&steel industry	3 001	2 906	3 751	3 530	3 560	3 439
Non-ferrous metals	279	280	104	280	291	329
Chemical industry	3 196	3 430	3 211	3 641	3 771	3 881
Non-met. mineral prod.	2 037	2 279	2 162	2 381	2 432	2 537
Food, drink, tobacco	1 377	1 544	1 534	1 557	1 594	1 590
Pulp, paper and print	1 601	1 843	1 877	1 239	1 766	1 888
Engineering & metal	3 347	3 650	3 783	3 873	4 645	4 983
Other industries	2 818	2 633	2 660	2 714	2 975	3 142
Transport	2 305	2 092	2 119	2 182	2 168	2 136
Services & households etc.	28 102	28 825	28 112	29 644	29 275	29 965
<i>among which:</i>						
Households	13 822	14 239	14 121	14 508	14 525	14 719


3.2 Electrical capacity, fuel inputs and heat


		CESKA REPUBLIKA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	15 322	15 442	16 304	17 332	17 418	17 383
<i>by source:</i>							
Conventional thermal		11 465	11 537	11 399	11 423	11 498	11 456
<i>of which:</i>							
Steam		10 856	10 925	10 781	10 679	10 748	11 063
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		33	26	24	18	16	29
Nuclear		1 760	1 760	2 760	3 760	3 760	3 760
Hydro		2 097	2 145	2 145	2 149	2 160	2 167
<i>among which:</i>							
Pumped storage		1 145	1 145	1 145	1 145	1 145	1 147
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		12 951	12 988	14 042	15 167	15 194	15 117
Autoproducers		2 372	2 455	2 268	2 176	2 240	2 295
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	15 873	16 108	15 440	15 485	15 624	15 591
<i>among which:</i>							
Hard coal		13 925	14 146	13 536	13 688	13 699	13 860
Lignite and peat		100	112	113	107	100	94
Petroleum products		203	212	165	163	130	126
Natural gas		694	694	695	704	748	675
Renewables		252	251	249	238	315	223
Heating plants		999	1 033	995	983	1 004	909
<i>among which:</i>							
Hard coal		287	288	283	268	230	147
Lignite and peat		-	-	-	-	-	-
Petroleum products		97	100	70	68	70	73
Natural gas		550	582	581	563	645	625
Renewables		34	34	34	56	53	50
Heat production and consumption							
Total heat production	TJ	3 325	3 565	3 402	3 518	3 449	3 326
<i>among which: in heating plants</i>							
		847	891	866	840	796	769
Heat consumption		2 624	2 793	2 642	2 653	2 614	2 478
<i>of which: in industry</i>							
		781	789	754	784	801	692
<i>in households and services</i>							
		1 843	2 005	1 888	1 869	1 814	1 786
<i>among which: in households</i>							
		1 213	1 343	1 282	1 265	1 188	1 168

4.1 Crude oil and feedstocks


 eurostat	CESKA REPUBLIKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	175	183	265	317	306	313
Total imports	5 725	6 037	6 189	6 454	6 504	7 825
Total exports	111	119	140	133	64	58
Stock changes	115	41	-46	-41	7	-253
Refinery intake	6 171	6 357	6 425	6 751	7 042	8 182
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	486	826	365	289	387	396
Near and Middle East	41	55	629	624	261	40
Africa	445	826	365	289	387	396
<i>by country of origin:</i>						
Algeria	445	209	89	33	199	134
Irak	41	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	492	329	12	129	282	285
Kuwait	-	-	-	-	-	-
Libya	-	617	276	218	188	262
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	38	-	-
Norway	-	-	199	-	-	-
Russia	4 721	4 121	3 938	4 334	4 457	5 501
Saudi Arabia	-	-	-	-	-	-
Syria	-	55	629	624	261	40
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	CESKA REPUBLIKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	6 131	6 309	6 376	6 710	6 999	8 132
<i>among which:</i>						
Motor spirit	1 036	1 106	1 248	1 324	1 289	1 467
Kerosene and jet fuel	163	168	160	140	147	132
Naphtha	355	570	409	479	561	706
Gas/diesel oil	2 125	2 250	2 412	2 590	2 673	3 067
Residual fuel oil	911	773	376	445	394	581
Total imports	2 829	3 359	3 102	3 116	3 364	3 094
Total exports	973	1 156	1 243	1 111	890	1 203
Bunkers	-	-	-	-	-	-
Stock changes	-130	-198	156	-69	19	-87
Gross inland consumption	1 726	2 005	2 022	1 944	2 493	1 804
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	9	9	4	7	10	8
United Kingdom	-	-	2	2	4	3
Norway	8	5	9	5	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	929	1 102	989	986	942	804
Kerosene and jet fuel	38	33	50	104	192	210
Gas/diesel oil	1 111	1 345	1 255	1 280	1 260	1 311
Residual fuel oil	181	271	212	140	205	100
Exports by product						
<i>among which:</i>						
Motor spirit	75	209	274	184	184	162
Kerosene and jet fuel	6	-	-	-	-	-
Gas/diesel oil	492	603	693	640	365	524
Residual fuel oil	160	129	67	80	48	131
Consumption						
Inputs to electricity plants	212	222	222	216	170	159
Inputs to heating plants	102	105	94	90	91	89
Non-energy use	2 088	2 351	1 917	1 923	2 491	2 628
Final energy consumption	5 200	5 260	5 632	6 194	6 603	6 768
Industry						
<i>among which by product:</i>						
Gas/diesel oil	196	222	195	49	53	64
Residual fuel oil	311	77	294	283	466	404

 eurostat	CESKA REPUBLIKA						
	<i>in 1 000 t</i>		2000	2001	2002	2003	2004
Industry							
<i>among which by sector:</i>							
Iron&steel industry		136	25	102	98	132	103
Non-ferrous metals		1	1	1	-	-	-
Chemical industry		-	-	14	28	166	150
Non-met. mineral prod.		114	22	65	54	59	55
Food, drink, tobacco		48	28	82	80	67	54
Pulp, paper and print		16	5	49	9	13	25
Engineering & metal		52	43	38	41	20	19
Other industries		235	303	248	234	272	74
Transport							
<i>among which:</i>							
Motor spirit		1 861	1 904	1 929	2 103	2 095	2 057
Jet fuel		192	205	195	251	322	337
Diesel oil		2 274	2 485	2 611	2 991	3 258	3 707
Services & households etc.							
<i>among which:</i>							
Gas oil		7	4	6	7	11	9
Residual fuel oil		88	52	110	124	9	11
Stocks at end of period							
Crude oil and feedstocks		680	639	679	726	719	972
Petroleum products		1 336	1 534	1 378	1 447	1 428	1 515


5. Natural gas

 eurostat	CESKA REPUBLIKA						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		7 876	5 671	5 338	6 098	7 555	7 170
Total imports		348 100	359 894	368 354	360 045	333 350	353 726
Total exports		38	-	38	1 928	3 329	3 220
Stock changes		-7 031	8 091	-12 564	604	24 717	688
Gross inland consumption		348 907	373 656	361 090	364 819	362 293	358 364
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		74 957	88 944	99 335	94 651	88 168	84 661
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		272 765	270 950	268 981	265 394	246 182	269 065
Consumption							
Inputs to electricity plants		32 274	32 283	32 333	32 736	34 813	31 402
Inputs to heat plants		25 590	27 097	27 007	26 206	29 992	29 053
Consumption of energy branch		6 607	6 132	6 192	5 563	6 076	7 223
Distribution losses		10 232	9 288	8 770	7 522	3 630	4 370
Non-energy use		-	-	-	-	-	-
Industry		121 028	121 493	120 085	117 342	115 521	112 496
<i>among which:</i>							
Iron&steel industry		10 345	12 053	12 701	12 285	13 652	12 903
Non-ferrous metals		2 228	2 362	2 450	2 555	2 610	2 739
Chemical industry		9 288	9 377	9 520	10 170	11 103	13 074
Non-met. mineral prod.		27 751	27 920	28 050	29 820	29 792	28 949
Food, drink, tobacco		16 877	16 150	16 104	18 520	17 448	17 139
Pulp, paper and print		3 964	3 642	3 820	3 402	2 583	4 542
Engineering & metal		10 194	11 196	11 270	12 440	13 818	18 702
Other industries		36 039	34 518	32 220	23 395	19 207	9 659
Transport		189	228	304	340	492	418
Services & households etc.		152 797	177 135	166 399	175 110	171 769	173 402
<i>among which:</i>							
Households		95 334	110 580	103 720	111 740	109 372	107 487
Services		54 291	63 417	59 367	60 195	59 284	62 759


6.1 Hard coal


 eurostat	CESKA REPUBLIKA						
	in 1 000 t		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		64 709	65 599	62 855	63 436	61 350	61 559
Total imports		1 095	1 203	1 237	1 296	1 620	1 263
Total exports		8 654	8 690	7 642	6 752	6 650	6 468
Stock changes		3 486	477	133	16	-1 739	304
Gross inland consumption		60 636	58 589	56 583	57 996	56 857	56 658
Imports							
Imports by origin							
<i>among which:</i>							
Australia		-	-	-	-	-	-
Colombia		-	-	-	-	-	-
Russia		6	3	39	62	104	32
South Africa		-	-	-	-	-	-
USA		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		43 864	44 752	43 299	42 978	42 523	43 319
Inputs to heat plants		745	767	779	753	664	438
Consumption of energy branch		9	10	10	7	7	3
Industry							
<i>among which:</i>							
Iron&steel industry		1 032	1 104	888	782	737	895
Non-ferrous metals		19	13	15	14	-	-
Chemical industry		2 560	1 673	1 702	2 489	2 812	2 797
Non-met. mineral prod.		450	431	369	316	233	241
Food, drink, tobacco		322	263	265	325	155	154
Pulp, paper and print		248	200	191	202	69	234
Engineering & metal		585	452	442	617	146	130
Other industries		947	58	60	94	31	41
Services & households etc.		3 216	2 177	1 821	2 572	2 540	1 937

6.2 Coal derivatives and peat

 eurostat	CESKA REPUBLIKA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	3 411	3 522	3 537	3 556	3 548	3 412
Patent Fuel	-	-	-	-	-	-
Lignite and peat	453	507	501	470	450	467
Brown coal briquettes	253	280	302	314	317	301
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	25 266	25 274	25 903	25 235	24 997	24 502
Blast-furnace gas	26 510	25 002	25 891	28 240	29 425	25 236
Gasworks gas	14 009	13 682	13 719	14 555	14 007	14 765
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	-156	68	2 165	2 211	2 138	1 944
<i>among which:</i>						
Iron & steel industry	-411	-200	1 933	2 012	1 940	1 864
Services & households	156	162	154	135	128	34
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	9	8	4	12	6	7
<i>among which:</i>						
Industry	2	2	2	4	4	4
Services & households	7	6	2	8	2	3
Brown coal briquettes	118	112	107	110	145	5
<i>among which:</i>						
Industry	-	-	-	-	3	3
Services & households	118	112	107	110	142	2
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	10 596	11 963	7 502	8 390	8 170	7 684
Blast-furnace gas	12 588	13 530	11 085	11 825	11 881	10 922
Gasworks gas	-	-	110	104	39	-
Inputs to electricity plants	25 978	25 909	25 585	26 451	28 383	27 662
Inputs to heat plants	1 082	1 070	1 038	997	-	-
Consumption of energy branch	14 758	10 550	18 487	18 538	18 502	17 534
Consumption in industry	23 184	25 493	18 697	20 319	20 090	18 606

7. Renewable energy sources

	CESKA REPUBLIKA						
	2000	2001	2002	2003	2004	2005	
Primary production							
Total primary production	<i>in 1000 toe</i>	595	687	851	1 514	1 919	2 012
Hydro (excl. pumping)		151	177	214	119	174	205
Wind		-	-	0	0	1	2
Solar		-	-	-	-	2	2
Geothermal		-	-	-	-	-	-
Biomass		444	510	637	1 394	1 743	1 803
<i>among which:</i>							
Wood, wood-waste		319	368	493	1 253	1 513	1 537
Municipal solid waste		88	105	108	100	106	97
Biogas		36	37	36	41	50	56
Gross inland consumption		595	687	851	1 514	1 781	1 825
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		287	285	282	294	368	273
<i>among which:</i>							
Wood, wood-waste		190	190	188	196	254	161
Municipal waste		64	63	63	78	86	76
Biogas		32	32	31	20	27	35
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	154	222	352	740	1 238	1 344
<i>by sector:</i>							
Industry		127	177	301	210	258	384
Services & households etc.		27	45	51	530	949	958
Transport		-	-	0	0	31	3
<i>by source:</i>							
Biomass		154	222	352	740	1 236	1 342
<i>among which:</i>							
Wood, wood-waste		128	177	305	1 054	1 163	1 297
Municipal waste		24	42	45	22	19	21
Biogas		2	3	2	21	23	21
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		245	265	254	242	286	343
Hydro with installed capacity > 1 & <10 MW		258	426	495	418	617	728
Hydro with installed capacity > 10 MW		1 255	1 363	1 743	723	1 116	1 309
Wood, Wood-waste		382	381	367	373	565	560
Municipal waste		5	4	4	16	17	18
Biogas		135	133	127	108	139	161

		CESKA REPUBLIKA				
		2000	2001	2002	2003	2004
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)		-	-	-	-	-
Hydro with installed capacity < 1 MW		52	54	104	107	123
Hydro with installed capacity > 1 & <10 MW		90	106	134	144	154
Hydro with installed capacity > 10 MW		810	840	762	753	743
Wood, Wood-waste		-	-	-	-	-
Municipal waste		-	-	-	-	-
Biogas		-	-	-	-	-
Liquid biofuels						
Production	<i>1000 t</i>	-	-	-	-	83
Solar Panels						
Solar panel surface	<i>1000 m²</i>	-	-	-	-	85


1. Energy economy

Key figures and energy indicators

eurostat		DANMARK					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	27 607	27 032	28 455	28 352	30 957	31 168
Net energy imports		-7 073	-5 682	-8 506	-6 835	-9 930	-10 495
Net oil imports		-8 094	-6 733	-9 156	-9 241	-10 643	-9 381
Net gas imports		-2 882	-3 054	-2 984	-2 594	-3 691	-5 010
Gross inland energy consumption		19 662	20 218	19 838	20 684	20 124	19 538
Final energy consumption		14 610	14 996	14 715	15 049	15 281	15 324
Industry		2 935	3 006	2 846	2 857	2 905	2 831
Transport		4 720	4 747	4 719	4 902	5 137	5 254
Services and households etc.		6 955	7 243	7 149	7 290	7 239	7 239
Gross electricity generation	GWh	36 049	37 726	39 283	46 180	40 432	36 276
Final electricity consumption		32 454	32 565	32 515	32 370	33 028	33 514
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	160 160	161 289	162 040	162 662	166 126	171 210
Population	1000 per.	5 330	5 349	5 368	5 384	5 398	5 411
Industry added value	Mio EUR	34 183	33 665	33 036	32 636	33 848	34 195
Total imports (current prices)	Mio EUR	67 000	68 263	73 387	72 195	77 208	85 449
among which:							
All energy commodities		2 561	2 334	2 193	2 290	2 654	3 552
Oil products		2 248	1 865	1 733	1 730	2 052	2 784
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	122.8	125.4	122.4	127.2	121.1	114.1
Final energy consumption / GDP(95)		91.2	93.0	90.8	92.5	92.0	89.5
Energy intensity of industry:							
Final consumption / gross value-added mp		85.9	89.3	86.2	87.5	85.8	82.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		18.4	18.7	18.7	19.1	19.2	18.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 689	3 780	3 695	3 842	3 728	3 610
Final energy consumption / capita		2 741	2 803	2 741	2 795	2 831	2 832
Household consumption / capita		779	823	801	818	813	813
Final electricity consumption / capita	kWh/cap.	6 089	6 088	6 057	6 013	6 119	6 193
Energy dependency							
Net energy imports / Gross consumption	in %	-33.7	-26.6	-41.0	-31.6	-47.5	-51.6
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	74.3	74.2	74.2	72.8	75.9	78.4
Efficiency of thermal power stations		64.6	65.3	65.9	64.8	68.3	71.0


2. Energy balance

Principal aggregates by product


 eurostat	DANMARK					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	27 607	27 032	28 455	28 352	30 957	31 168
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	18 132	17 238	18 504	18 515	19 643	18 887
Natural Gas	7 412	7 589	7 603	7 203	8 492	9 383
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	3	2	3	2	2	2
Biomass	1 687	1 820	1 913	2 141	2 240	2 313
Imports						
Total	14 843	14 370	13 368	14 864	14 296	13 720
among which:						
Hard coal	3 825	4 138	3 775	5 635	4 487	3 536
Crude oil and feedstocks	4 072	3 285	3 499	3 631	3 933	2 839
Petroleum products	6 127	6 106	5 154	4 769	4 820	5 874
Natural Gas	-	-	-	-	-	-
Electricity	724	705	769	604	746	1 113
Exports						
Total	21 915	20 052	21 874	21 699	24 227	24 214
among which:						
Crude oil and feedstocks	13 678	12 200	14 000	13 678	15 347	14 025
Petroleum products	4 615	3 924	3 809	3 962	4 049	4 070
Natural gas	2 882	3 054	2 984	2 594	3 691	5 010
Electricity	667	754	947	1 339	993	995
Gross inland consumption						
Total	19 662	20 218	19 838	20 684	20 124	19 538
among which:						
Solid fuels	3 987	4 202	4 187	5 665	4 359	3 715
Crude oil and petrol. prod.	9 043	9 134	8 742	8 292	8 328	8 133
Natural gas	4 449	4 631	4 627	4 661	4 634	4 399
Nuclear Energy	-	-	-	-	-	-
Renewables	2 123	2 296	2 456	2 798	3 048	3 168
Transformation input						
Total	16 806	17 126	16 925	18 292	16 721	15 471
among which:						
Crude oil and feedstocks	8 452	8 311	8 079	8 420	8 205	7 821
Petroleum products	1 395	1 394	1 209	542	425	377
Hard coal	3 668	3 942	3 976	5 496	4 122	3 445
Lignite and peat	-	-	-	-	-	-
Renewables	1 098	1 197	1 311	1 510	1 645	1 708
Transformation output						
Total	13 988	14 171	14 057	14 943	14 137	13 261
among which:						
Electricity	2 732	2 871	2 956	3 491	2 908	2 548
Heat	2 846	3 071	3 040	3 115	3 102	3 047

eurostat	DANMARK					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	14 610	14 996	14 715	15 049	15 281	15 324
<i>among which:</i> Solid fuels	290	244	220	231	262	236
Petroleum products	6 950	7 015	6 909	7 012	7 183	7 204
Natural Gas	1 652	1 760	1 647	1 728	1 688	1 688
Renewables	657	725	723	806	833	892
Electricity	2 791	2 800	2 796	2 783	2 840	2 882
Final energy consumption by sector						
Industry						
Total	2 935	3 006	2 846	2 857	2 905	2 831
<i>among which:</i> Solid fuels	265	215	199	203	238	197
Petroleum Products	752	793	781	780	802	762
Natural Gas	778	838	747	749	715	716
Renewables	111	126	93	111	109	110
Electricity	864	865	853	836	864	882
Transport						
Total	4 720	4 747	4 719	4 902	5 137	5 254
<i>among which:</i> Motor spirit	2 031	2 003	2 011	2 017	1 993	1 933
Diesel oil	1 790	1 823	1 875	2 039	2 176	2 300
Jet fuel	820	843	739	761	886	944
Electricity	30	30	31	30	32	32
Services&households						
Total	6 955	7 243	7 149	7 290	7 239	7 239
<i>among which:</i> Solid fuels	25	29	20	27	24	40
Gas oil	1 395	1 399	1 338	1 272	1 193	1 132
Natural Gas	874	923	900	979	973	972
Renewables	546	599	629	695	724	783
Electricity	1 897	1 905	1 911	1 917	1 945	1 967
Heat	2 090	2 267	2 235	2 297	2 285	2 243


3.1 Electricity balance

 eurostat	DANMARK					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	36 049	37 726	39 283	46 180	40 432	36 276
<i>among which:</i>						
Hydro	30	28	32	21	27	23
Wind	4 241	4 306	4 877	5 561	6 583	6 614
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	31 778	33 392	34 374	40 598	33 822	29 639
<i>of which:</i>						
Hard coal	16 673	17 819	18 256	25 307	18 675	15 466
Lignite and peat	-	-	-	-	-	-
Petroleum products	4 435	4 180	4 011	2 345	1 634	1 371
Natural gas	8 775	9 273	9 591	9 764	9 941	8 818
Derived gases	-	-	-	-	-	-
Biomass	1 755	2 110	2 502	3 147	3 559	3 982
Industrial wastes	140	10	14	35	13	2
Total net generation	34 444	36 161	37 331	43 748	38 398	34 441
Imports and exports						
Total imports	8 417	8 199	8 939	7 023	8 673	12 943
Total exports	7 752	8 774	11 010	15 568	11 545	11 574
Consumption and losses						
Consumption of the energy branch	2 157	2 210	2 606	3 217	2 728	2 588
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	2 104	2 375	2 091	2 049	1 810	1 557
Final energy consumption	32 454	32 565	32 515	32 370	33 028	33 514
<i>of which:</i>						
Industry	10 049	10 059	9 924	9 728	10 043	10 261
<i>among which:</i>						
Iron&steel industry	757	755	473	315	325	331
Non-ferrous metals	66	64	65	80	83	85
Chemical industry	1 287	1 333	1 356	1 238	1 277	1 304
Non-met. mineral prod.	888	867	879	864	897	915
Food, drink, tobacco	2 274	2 298	2 320	2 270	2 335	2 384
Pulp, paper and print	741	758	771	841	868	886
Engineering & metal	1 761	1 771	1 803	1 768	1 825	1 862
Other industries	1 976	1 912	1 951	2 057	2 129	2 183
Transport	348	348	364	353	370	375
Services & households etc.	22 057	22 158	22 227	22 289	22 615	22 878
<i>among which:</i>						
Households	10 215	10 159	10 190	10 262	10 332	10 449


3.2 Electrical capacity, fuel inputs and heat

		DANMARK					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	12 628	12 741	13 269	13 590	13 340	13 345
<i>by source:</i>							
Conventional thermal		10 226	10 232	10 429	10 462	10 204	10 205
<i>of which:</i>							
Steam		8 144	7 629	7 737	7 743	7 416	7 476
Gas turbine		549	556	544	545	569	586
Combined cycle		518	1 011	1 100	1 101	1 101	1 063
Internal combustion		1 015	1 036	1 048	1 073	1 118	1 080
Nuclear		-	-	-	-	-	-
Hydro		10	11	11	11	11	11
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		2 392	2 498	2 829	3 117	3 125	3 129
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		12 053	12 167	12 709	13 020	12 736	12 710
Autoproducers		576	575	562	572	606	638
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	7 822	8 241	8 303	9 289	7 953	7 129
<i>among which:</i>							
Hard coal		3 667	3 942	3 975	5 495	4 122	3 444
Lignite and peat		-	-	-	-	-	-
Petroleum products		1 344	1 329	1 156	491	387	344
Natural gas		2 112	2 188	2 270	2 228	2 234	2 003
Renewables		699	782	902	1 074	1 210	1 338
Heating plants		515	557	528	568	548	509
<i>among which:</i>							
Hard coal		1	1	1	1	1	1
Lignite and peat		-	-	-	-	-	-
Petroleum products		51	65	53	51	38	33
Natural gas		63	77	66	80	74	104
Renewables		399	415	409	436	435	370
Heat production and consumption							
Total heat production	TJ	2 846	3 071	3 040	3 115	3 102	3 047
<i>among which: in heating plants</i>							
		527	564	528	590	577	537
Heat consumption		2 255	2 435	2 406	2 474	2 462	2 408
<i>of which: in industry</i>							
		164	168	172	177	177	165
<i>in households and services</i>							
		2 090	2 267	2 235	2 297	2 285	2 243
<i>among which: in households</i>							
		1 418	1 538	1 504	1 541	1 530	1 502

4.1 Crude oil and feedstocks

 eurostat	DANMARK					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	17 780	16 887	18 143	18 143	19 262	18 517
Total imports	3 994	3 219	3 432	3 558	3 857	2 784
Total exports	13 413	11 951	13 727	13 403	15 050	13 751
Stock changes	-66	-4	58	-48	-59	109
Refinery intake	8 289	8 143	7 922	8 251	8 046	7 667
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	2 596	2 937	3 231	3 492	3 735	2 720
Russia	-	-	30	-	-	-
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	DANMARK					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	8 231	8 044	7 890	8 154	7 954	7 499
<i>among which:</i>						
Motor spirit	2 278	2 239	2 074	2 082	1 986	1 919
Kerosene and jet fuel	496	543	529	611	606	507
Naphtha	6	5	-	-	6	4
Gas/diesel oil	3 260	3 220	3 258	3 451	3 329	3 224
Residual fuel oil	1 717	1 567	1 574	1 519	1 557	1 405
Total imports	6 203	6 190	5 215	4 821	4 856	5 922
Total exports	4 590	3 886	3 779	3 929	4 033	4 061
Bunkers	1 356	1 143	940	990	806	835
Stock changes	404	-262	257	20	182	-674
Gross inland consumption	675	916	769	-68	206	359
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	77	91	48	43	180	123
United Kingdom	261	311	180	116	186	117
Norway	508	492	640	574	463	649
OPEC	1 428	1 674	1 088	281	419	604
Imports by product						
<i>among which:</i>						
Motor spirit	1 016	1 034	1 006	871	878	1 036
Kerosene and jet fuel	674	797	571	528	709	970
Gas/diesel oil	1 984	1 834	1 718	1 927	1 829	2 105
Residual fuel oil	1 963	1 947	1 369	921	900	1 200
Exports by product						
<i>among which:</i>						
Motor spirit	1 388	1 295	1 126	1 012	958	1 054
Kerosene and jet fuel	348	404	368	494	420	379
Gas/diesel oil	1 219	901	979	1 137	1 141	967
Residual fuel oil	1 441	1 132	1 179	1 161	1 393	1 544
Consumption						
Inputs to electricity plants	1 397	1 381	1 200	502	395	352
Inputs to heating plants	56	70	58	54	40	35
Non-energy use	312	275	278	288	317	296
Final energy consumption	6 852	6 924	6 822	6 922	7 093	7 112
Industry						
<i>among which by product:</i>						
Gas/diesel oil	342	384	361	380	392	383
Residual fuel oil	203	184	198	172	172	149



in 1 000 t

DANMARK

2000 2001 2002 2003 2004 2005

Industry

among which by sector:

Iron&steel industry	4	6	5	6	6	6
Non-ferrous metals	3	4	4	3	3	2
Chemical industry	29	36	35	28	28	25
Non-met. mineral prod.	290	302	301	304	319	303
Food, drink, tobacco	172	176	180	170	173	155
Pulp, paper and print	10	12	11	12	12	12
Engineering & metal	73	71	66	72	75	72
Other industries	188	194	189	194	196	194

Transport

among which:

Motor spirit	1 933	1 906	1 914	1 919	1 896	1 839
Jet fuel	798	821	720	741	863	919
Diesel oil	1 772	1 804	1 856	2 018	2 154	2 277

Services & households etc.


among which:

Gas oil	1 381	1 385	1 324	1 259	1 181	1 120
Residual fuel oil	53	45	47	29	23	26


Stocks at end of period

Crude oil and feedstocks	723	727	669	719	778	669
Petroleum products	1 832	1 981	1 875	1 855	1 673	2 347


5. Natural gas

 eurostat	DANMARK						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		344 785	353 062	353 693	335 062	395 033	436 520
Total imports		-	-	-	-	-	-
Total exports		134 087	142 090	138 837	120 692	171 722	233 085
Stock changes		-3 732	4 461	408	2 445	-7 748	1 226
Gross inland consumption		206 966	215 433	215 264	216 815	215 563	204 661
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		98 249	101 806	105 599	103 667	103 940	93 184
Inputs to heat plants		2 942	3 586	3 055	3 715	3 427	4 855
Consumption of energy branch		27 991	27 259	29 237	29 279	30 191	30 883
Distribution losses		134	133	134	133	133	132
Non-energy use		-	-	-	-	-	-
Industry		36 197	38 968	34 757	34 853	33 263	33 309
<i>among which:</i>							
Iron&steel industry		1 926	2 020	1 897	1 661	772	773
Non-ferrous metals		167	207	192	142	141	141
Chemical industry		3 804	4 142	3 587	3 935	3 977	3 980
Non-met. mineral prod.		6 435	6 453	5 981	6 089	6 049	6 053
Food, drink, tobacco		12 374	13 036	11 340	10 033	9 089	9 095
Pulp, paper and print		2 270	2 754	2 298	2 914	2 889	2 891
Engineering & metal		4 537	5 068	4 641	5 173	5 199	5 203
Other industries		2 738	2 970	2 840	3 092	3 046	3 070
Transport		-	-	-	-	-	-
Services & households etc.		40 644	42 922	41 881	45 541	45 278	45 221
<i>among which:</i>							
Households		30 011	31 856	30 634	32 776	32 597	32 277
Services		7 984	8 080	8 421	10 188	10 172	10 446


6.1 Hard coal

 eurostat	DANMARK					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	6 416	6 924	6 263	9 515	7 592	5 971
Total exports	123	164	168	151	157	96
Stock changes	348	231	810	169	-108	358
Gross inland consumption	6 641	6 991	6 905	9 533	7 327	6 233
Imports						
Imports by origin						
<i>among which:</i>						
Australia	143	160	250	569	442	129
Colombia	812	415	792	2 681	1 454	1 254
Russia	1 295	1 816	1 085	970	1 966	1 531
South Africa	1 672	1 880	1 214	2 971	1 845	1 852
USA	-	-	13	246	188	66
Consumption						
Inputs to electricity plants	6 191	6 601	6 617	9 304	7 010	5 906
Inputs to heat plants	2	1	1	1	1	2
Consumption of energy branch	-	-	-	-	-	-
Industry	375	324	275	286	335	275
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	19	17	14	22	25	21
Non-met. mineral prod.	227	184	156	188	220	181
Food, drink, tobacco	96	102	87	73	85	70
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	42	47	33	45	39	67

6.2 Coal derivatives and peat

	DANMARK					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	755	795	693	685	678	619
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	40	38	37	34	39	33
<i>among which:</i>						
Iron & steel industry	1	1	1	-	-	-
Services & households	-	-	-	1	1	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	1	2	1	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	1	2	1	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	725	762	664	656	650	593
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	50	47	47	22	22	22

7. Renewable energy sources

		DANMARK					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	2 064	2 204	2 348	2 634	2 822	2 897
Hydro (excl. pumping)		3	2	3	2	2	2
Wind		365	370	419	478	566	569
Solar		7	8	8	9	9	10
Geothermal		3	3	4	4	4	3
Biomass		1 687	1 820	1 913	2 141	2 240	2 313
<i>among which:</i>							
Wood, wood-waste		891	957	991	1 144	1 215	1 282
Municipal solid waste		726	770	809	874	883	883
Biogas		70	73	80	85	89	91
Gross inland consumption		2 123	2 296	2 456	2 798	3 048	3 168
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		3	3	4	4	4	3
Biomass		1 095	1 194	1 307	1 506	1 641	1 705
<i>among which:</i>							
Wood, wood-waste		348	407	487	628	745	795
Municipal waste		688	726	754	808	825	830
Biogas		58	61	66	71	71	80
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	657	725	723	806	833	892
<i>by sector:</i>							
Industry		111	126	93	111	109	110
Services & households etc.		546	599	629	695	724	783
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		650	717	714	797	824	882
<i>among which:</i>							
Wood, wood-waste		602	662	646	717	748	819
Municipal waste		38	44	55	66	58	52
Biogas		10	11	14	14	18	11
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		10	14	32	11	14	11
Hydro with installed capacity > 1 & <10 MW		19	14	17	10	13	11
Hydro with installed capacity > 10 MW		-	-	15	-	-	-
Wood, Wood-waste		409	587	878	1 400	1 834	1 898
Municipal waste		1 238	938	1 384	1 471	1 447	1 810
Biogas		208	173	240	276	279	274

eurostat		DANMARK					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		5	7	7	7	7	7
Hydro with installed capacity > 1 & <10 MW		5	4	4	4	4	4
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		86	133	215	311	474	584
Municipal waste		233	242	270	285	312	306
Biogas		40	47	53	58	63	65
Liquid biofuels							
Production	<i>1000 t</i>	-	25	40	45	65	71
Solar Panels							
Solar panel surface	<i>1000 m²</i>	250	271	282	298	306	321


1. Energy economy

Key figures and energy indicators

eurostat		DEUTSCHLAND					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	132 013	133 026	133 858	134 375	135 516	134 858
Net energy imports		204 702	215 723	208 345	212 137	214 712p	214 372p
Net oil imports		125 974	131 445	123 296	125 233	121 331	122 228
Net gas imports		56 865	58 197	60 071	62 437	65 895	65 734
Gross inland energy consumption		340 143	352 203	344 908	346 909	347 994p	345 451p
Final energy consumption		218 177	224 059	219 228	222 749	221 826p	217 925p
Industry		57 750	58 595	57 789	56 571	56 396p	56 064p
Transport		65 978	64 615	64 181	62 410	63 029	61 958
Services and households etc.		94 450	100 849	97 258	103 768	102 401p	99 903p
Gross electricity generation	GWh	571 551	586 340	571 645	599 470	616 785	620 300
Final electricity consumption		482 603	505 280	498 840	509 265	513 327	517 504
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	2 131 016	2 157 441	2 157 441	2 153 392	2 180 243	2 200 061
Population	1000 per.	82 164	82 260	82 440	82 537	82 532	82 501
Industry added value	Mio EUR	593 268	592 876	582 437	581 423	594 333	606 473
Total imports (current prices)	Mio EUR	664 521	672 695	662 993	698 478	746 922	795 764
among which:							
All energy commodities		47 461	47 607	43 596	47 522	52 487	72 122
Oil products		35 479	31 867	28 073	29 460	34 772	49 247
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	159.6	163.3	159.9	161.1	159.6	157.0
Final energy consumption / GDP(95)		102.4	103.9	101.6	103.4	101.7	99.1
Energy intensity of industry:							
Final consumption / gross value-added mp		97.3	98.8	99.2	97.3	94.9	92.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.3	21.2	20.3	21.9	21.5	19.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 140	4 282	4 184	4 203	4 216	4 187
Final energy consumption / capita		2 655	2 724	2 659	2 699	2 688	2 641
Household consumption / capita		789	844	811	862	848	846
Final electricity consumption / capita	kWh/cap.	5 874	6 143	6 051	6 170	6 220	6 273
Energy dependency							
Net energy imports / Gross consumption	in %	59.8	60.9	60.0	60.7	61.2	61.6
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.1	63.6	63.6	64.2	63.7	63.1
Efficiency of thermal power stations		45.8	44.9	42.9	45.0	45.0	46.1


2. Energy balance

Principal aggregates by product


 eurostat	DEUTSCHLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	132 013	133 026	133 858	134 375	135 516	134 858
among which:						
Hard coal	24 164	19 697	18 875	18 693	18 701	18 036
Lignite and peat	35 435	38 479	39 886	39 295	39 638	38 452
Crude oil	3 208	3 322	3 559	3 747	3 513	3 518
Natural Gas	15 800	15 932	15 987	15 920	14 732	14 224
Nuclear heat	43 750	44 189	42 522	42 578	43 095	42 061
Hydro-electricity	1 869	1 955	1 988	1 656	1 812	1 684
Biomass	6 830	7 300	7 929	8 719	9 564	12 186
Imports						
Total	234 913	244 542	237 912	242 652	251 463	255 031
among which:						
Hard coal	17 390	20 778	20 219	21 652	25 199	24 776
Crude oil and feedstocks	105 061	106 584	106 404	108 100	111 721	113 833
Petroleum products	42 741	44 337	36 752	36 524	34 471	35 366
Natural Gas	61 085	63 444	65 858	68 515	72 869	73 531
Electricity	3 881	3 936	4 159	4 222	4 143	4 889
Exports						
Total	30 211	28 819	29 567	30 514	36 751p	40 659p
among which:						
Crude oil and feedstocks	3 260	1 044	1 341	657	1 124	713
Petroleum products	18 568	18 433	18 520	18 734	23 737	26 258
Natural gas	4 220	5 248	5 787	6 078	6 974	7 797
Electricity	3 618	3 622	3 299	4 504	4 369	5 282
Gross inland consumption						
Total	340 143	352 203	344 908	346 909	347 994p	345 451p
among which:						
Solid fuels	83 725	86 438	84 313	84 970	85 845	82 803
Crude oil and petrol. prod.	129 918	133 685	128 684	126 957	125 391	123 409
Natural gas	71 853	75 591	75 571	79 131	78 731	80 856
Nuclear Energy	43 750	44 189	42 522	42 578	43 095	42 061
Renewables	9 609	10 428	11 593	12 369	13 973	16 713
Transformation input						
Total	265 717	266 517	264 901	272 488	277 785	277 186
among which:						
Crude oil and feedstocks	119 856	117 945	117 921	120 110	124 033	127 082
Petroleum products	1 797	1 766	1 702	1 834	2 056	2 606
Hard coal	40 931	39 040	37 980	39 590	40 313	36 982
Lignite and peat	37 266	39 072	40 118	39 399	39 656	38 679
Renewables	2 146	2 253	2 548	3 387	3 926	5 356
Transformation output						
Total	186 328	183 710	181 570	188 260	192 698p	195 150p
among which:						
Electricity	46 103	47 164	45 377	47 793	48 396	48 587
Heat	7 546	7 667	7 553	9 329	8 466p	8 202p

eurostat	DEUTSCHLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	218 177	224 059	219 228	222 749	221 826p	217 925p
among which:						
Solid fuels	10 949	10 864	11 026	9 944	10 165	9 637
Petroleum products	98 052	100 779	96 206	93 332	90 886	87 411
Natural Gas	52 963	53 908	53 882	58 848	60 297	59 134
Renewables	4 785	5 312	5 677	5 591	5 906	7 138
Electricity	41 496	43 446	42 893	43 789	44 138	44 497
Final energy consumption by sector						
Industry						
Total	57 750	58 595	57 789	56 571	56 396p	56 064p
among which:						
Solid fuels	9 674	9 601	9 449	8 683	8 812	8 753
Petroleum Products	5 296	5 671	5 293	4 875	4 728	4 469
Natural Gas	19 257	18 633	18 607	19 183	18 981	19 237
Renewables	453	636	759	-	-	-
Electricity	19 082	20 344	20 084	19 930	20 107	19 957
Transport						
Total	65 978	64 615	64 181	62 410	63 029	61 958
among which:						
Motor spirit	30 064	29 160	28 363	26 949	26 045	24 131
Diesel oil	26 921	26 632	26 927	26 132	26 818	26 101
Jet fuel	7 345	7 010	6 984	7 148	7 715	8 304
Electricity	1 368	1 410	1 392	1 388	1 393	1 393
Services&households						
Total	94 450	100 849	97 258	103 768	102 401p	99 903p
among which:						
Solid fuels	1 268	1 239	1 555	1 261	1 352	884
Gas oil	26 900	30 904	27 408	26 957	24 298	23 106
Natural Gas	33 706	35 275	35 275	39 665	41 316	39 897
Renewables	4 128	4 365	4 430	4 880	4 931	5 196
Electricity	21 046	21 693	21 416	22 471	22 638	23 147
Heat	5 930	6 026	5 936	7 335	6 656p	6 449p


3.1 Electricity balance

 eurostat	DEUTSCHLAND					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	571 551	586 340	571 645	599 470	616 785	620 300
<i>among which:</i>						
Hydro	25 962	27 253	27 864	24 440	27 874	26 717
Wind	9 352	10 456	15 856	18 859	25 509	27 229
Geothermal	-	-	-	-	-	-
Nuclear	169 606	171 305	164 842	165 060	167 065	163 055
Conventional thermal	366 571	377 210	362 895	390 778	395 780	402 017
<i>of which:</i>						
Hard coal	143 164	138 999	133 729	142 304	141 611	127 983
Lignite and peat	148 332	154 669	150 816	164 277	157 911	141 630
Petroleum products	4 785	4 773	4 342	4 712	10 140	10 583
Natural gas	52 495	58 430	54 061	58 505	61 475	68 405
Derived gases	7 475	7 913	6 999	7 628	8 610	8 204
Biomass	6 175	5 250	7 688	10 144	11 473	16 570
Industrial wastes	4 145	7 176	5 260	3 208	4 560	28 642
Total net generation	533 492	548 917	535 934	564 338	576 898	577 754
Imports and exports						
Total imports	45 134	45 779	48 370	49 107	48 187	56 861
Total exports	42 077	42 122	38 372	52 379	50 808	61 427
Consumption and losses						
Consumption of the energy branch	56 420	54 425	52 507	54 792	59 855	61 766
<i>of which:</i>						
Consumption for pumped-storage	3 282	1 514	1 579	2 552	2 513	2 378
Network losses	32 824	25 772	25 556	26 968	34 185	29 328
Final energy consumption	482 603	505 280	498 840	509 265	513 327	517 504
<i>of which:</i>						
Industry	221 926	236 597	233 582	231 785	233 842	232 104
<i>among which:</i>						
Iron&steel industry	23 654	24 380	24 070	23 874	24 086	26 999
Non-ferrous metals	18 502	19 070	18 827	18 774	18 941	18 100
Chemical industry	48 336	49 820	49 185	48 906	49 341	54 765
Non-met. mineral prod.	14 826	15 281	15 087	15 066	15 200	12 248
Food, drink, tobacco	14 699	15 150	14 957	14 834	14 966	16 811
Pulp, paper and print	21 768	22 437	22 151	22 020	22 215	25 094
Engineering & metal	29 224	30 121	29 738	29 437	29 698	30 543
Other industries	44 564	53 790	53 102	52 384	52 847	42 458
Transport	15 910	16 399	16 190	16 144	16 200	16 200
Services & households etc.	244 767	252 284	249 068	261 336	263 285	269 200
<i>among which:</i>						
Households	128 907	132 865	131 172	139 548	140 389	141 800


3.2 Electrical capacity, fuel inputs and heat


		DEUTSCHLAND					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	118 267	119 923	125 995	124 669	123 865	123 522
<i>by source:</i>							
Conventional thermal		80 794	79 380	81 092	80 365	78 413	76 375
<i>of which:</i>							
Steam		70 831	69 000	:	:	:	:
Gas turbine		6 279	6 246	:	:	:	:
Combined cycle		2 729	3 179	:	:	:	:
Internal combustion		955	955	:	:	:	:
Nuclear		22 396	22 396	23 403	21 439	20 552	20 378
Hydro		8 982	9 393	9 499	8 256	8 271	8 341
<i>among which:</i>							
Pumped storage		4 654	4 562	4 562	4 198	4 198	4 198
Wind		6 095	8 754	12 001	14 609	16 629	18 428
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		108 229	109 785	116 150	114 739	114 260	114 409
Autoproducers		10 118	10 333	10 105	10 318	10 313	10 621
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	85 253	89 330	90 372	95 272	94 306	92 546
<i>among which:</i>							
Hard coal		32 929	32 695	31 652	32 827	32 510	29 789
Lignite and peat		34 746	36 278	38 285	37 654	36 838	35 907
Petroleum products		1 108	1 128	1 083	1 370	1 448	2 038
Natural gas		11 095	13 217	13 217	16 866	16 331	17 453
Renewables		2 146	2 253	2 548	3 168	3 669	5 098
Heating plants		1 435	1 423	1 505	1 510	1 415	873
<i>among which:</i>							
Hard coal		-	-	76	98	445	-
Lignite and peat		-	36	35	-	-	-
Petroleum products		219	169	171	-	212	210
Natural gas		1 182	1 182	1 182	1 154	397	405
Renewables		-	-	-	219	257	258
Heat production and consumption							
Total heat production	TJ	7 546	7 667	7 553	9 329	8 466p	8 202p
<i>among which: in heating plants</i>							
		-	-	-	99	90p	87p
Heat consumption		6 831	6 941	6 837	8 449	7 667p	7 428p
<i>of which: in industry</i>							
		900	915	901	1 114	1 011p	979p
<i>in households and services</i>							
		5 930	6 026	5 936	7 335	6 656p	6 449p
<i>among which: in households</i>							
		5 930	6 026	5 936	7 335	6 656p	6 449p

4.1 Crude oil and feedstocks


 eurostat	DEUTSCHLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	3 166	3 278	3 509	3 690	3 463	3 471
Total imports	103 684	105 171	104 897	106 464	110 126	112 314
Total exports	3 217	1 030	1 322	647	1 108	703
Stock changes	3 421	-750	-47	-242	-629	-388
Refinery intake	118 265	116 365	116 244	118 295	122 256	125 370
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	28 547	23 072	20 547	20 472	22 031	25 555
Near and Middle East	13 534	11 714	11 197	10 230	8 560	8 017
Africa	21 295	18 232	18 155	16 884	16 952	20 789
<i>by country of origin:</i>						
Algeria	6 501	3 958	4 231	3 727	2 869	4 572
Irak	220	21	43	30	-	-
Iran	908	256	64	23	405	475
Kazakhstan	3 435	4 637	5 538	6 627	7 449	7 410
Kuwait	643	109	238	-	60	-
Libya	11 843	10 029	8 731	8 968	12 781	12 915
Mexico	-	-	-	-	35	36
Nigeria	1 983	3 013	2 824	2 883	914	2 124
Norway	18 708	20 969	22 283	22 281	21 804	17 289
Russia	29 754	30 303	31 605	33 483	37 066	38 170
Saudi Arabia	4 568	4 016	3 612	3 880	4 219	4 137
Syria	7 092	7 312	7 240	6 297	3 936	3 405
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	DEUTSCHLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	116 025	114 292	114 083	116 165	119 954	122 675
<i>among which:</i>						
Motor spirit	26 972	26 021	25 970	26 449	26 467	27 240
Kerosene and jet fuel	4 328	4 206	4 165	4 204	4 431	4 266
Naphtha	9 024	8 495	8 663	8 693	9 389	9 063
Gas/diesel oil	46 449	46 943	47 455	48 638	49 551	52 137
Residual fuel oil	13 116	13 192	12 183	12 232	14 013	13 340
Total imports	42 171	43 669	36 338	36 086	34 070	34 961
Total exports	18 601	18 495	18 584	18 846	23 819	26 301
Bunkers	2 247	2 280	2 445	2 664	2 726	2 553
Stock changes	-842	597	2 449	-1 301	1 613	-1 660
Gross inland consumption	20 776	24 734	19 443	15 289	11 214	6 527
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	24 955	24 234	19 341	19 409	19 410	20 604
United Kingdom	1 882	2 145	1 570	921	1 448	1 654
Norway	477	541	459	814	351	300
OPEC	408	543	879	580	526	181
Imports by product						
<i>among which:</i>						
Motor spirit	8 752	7 838	5 508	5 204	4 123	3 258
Kerosene and jet fuel	3 130	3 396	3 193	3 321	3 902	4 523
Gas/diesel oil	16 058	19 545	14 475	14 633	13 121	13 612
Residual fuel oil	2 903	2 328	2 925	3 249	2 762	3 060
Exports by product						
<i>among which:</i>						
Motor spirit	4 611	4 661	4 399	4 155	5 264	5 708
Kerosene and jet fuel	299	517	386	292	537	458
Gas/diesel oil	5 448	5 576	6 242	6 328	8 150	10 003
Residual fuel oil	4 397	4 066	3 611	4 004	5 377	5 668
Consumption						
Inputs to electricity plants	1 170	1 191	1 161	1 473	1 605	2 192
Inputs to heating plants	218	168	170	-	219	216
Non-energy use	22 732	22 319	21 999	22 119	22 474	22 112
Final energy consumption	95 805	98 561	94 084	91 249	88 832	85 442
Industry	5 357	5 753	5 384	4 932	4 766	4 496
<i>among which by product:</i>						
Gas/diesel oil	2 413	2 250	2 180	2 087	2 265	2 173
Residual fuel oil	1 925	2 544	2 380	2 106	1 855	1 662

 eurostat	DEUTSCHLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	933	1 125	888	886	864	782
Non-ferrous metals	135	130	122	119	121	121
Chemical industry	70	432	326	6	28	95
Non-met. mineral prod.	1 096	1 059	1 313	1 232	1 112	934
Food, drink, tobacco	875	860	690	689	582	582
Pulp, paper and print	212	212	215	211	181	181
Engineering & metal	728	738	801	780	784	784
Other industries	1 093	996	854	851	917	828
Transport	62 468	60 994	60 444	58 543	58 915	56 961
<i>among which:</i>						
Motor spirit	28 607	27 747	26 989	25 643	24 783	22 962
Jet fuel	7 152	6 825	6 800	6 960	7 512	8 085
Diesel oil	26 646	26 360	26 652	25 865	26 544	25 834
Services & households etc.	27 980	31 814	28 256	27 774	25 151	23 985
<i>among which:</i>						
Gas oil	26 625	30 588	27 128	26 682	24 050	22 870
Residual fuel oil	146	6	5	5	5	8
Stocks at end of period						
Crude oil and feedstocks	14 683	15 433	15 480	15 722	16 351	16 739
Petroleum products	21 557	20 960	18 511	19 812	18 199	19 856


5. Natural gas

 eurostat	DEUTSCHLAND						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		735 038	741 143	743 728	740 615	685 342	661 721
Total imports		2 841 697	2 951 423	3 063 709	3 187 328	3 389 857	3 420 663
Total exports		196 326	244 115	269 209	282 769	324 436	362 714
Stock changes		-37 800	68 040	-22 680	36 000	-88 200	41 760
Gross inland consumption		3 342 609	3 516 491	3 515 548	3 681 174	3 662 563	3 761 430
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		757 969	831 264	964 662	987 800	1 038 277	1 097 831
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		1 299 906	1 235 435	1 249 659	1 398 271	1 466 679	1 425 938
Consumption							
Inputs to electricity plants		516 151	614 838	614 838	784 606	759 715	811 901
Inputs to heat plants		55 000	55 000	55 000	53 670	18 447	18 843
Consumption of energy branch		51 349	69 669	48 288	32 785	32 700	34 000
Distribution losses		20 000	25 379	6 123	6 000	10 627	10 845
Non-energy use		100 000	100 000	100 000	100 648	100 000	100 000
Industry		895 827	866 799	865 590	892 399	883 000	894 900
<i>among which:</i>							
Iron&steel industry		115 241	114 864	114 803	107 304	108 000	110 000
Non-ferrous metals		36 880	38 059	37 965	39 700	39 000	39 000
Chemical industry		235 428	217 593	225 563	235 870	230 000	240 000
Non-met. mineral prod.		131 938	121 035	115 651	120 936	120 000	120 000
Food, drink, tobacco		92 428	90 809	99 205	103 738	104 000	103 000
Pulp, paper and print		96 359	96 439	92 501	96 728	96 000	96 000
Engineering & metal		116 023	118 155	115 172	120 435	120 000	120 000
Other industries		46 516	45 478	41 267	43 153	42 200	42 200
Transport		-	-	-	-	-	-
Services & households etc.		1 568 000	1 641 000	1 641 000	1 845 209	1 922 000	1 856 000
<i>among which:</i>							
Households		1 090 000	1 150 000	1 150 000	1 251 209	1 320 000	1 350 000
Services		466 000	480 000	480 000	581 000	590 000	496 000


6.1 Hard coal

 eurostat	DEUTSCHLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	37 376	30 669	29 209	28 753	29 151	28 018
Total imports	27 948	33 511	32 607	34 917	39 536	37 105
Total exports	279	112	227	195	184	255
Stock changes	3 918	3 270	1 178	2 907	-581	-916
Gross inland consumption	68 963	67 338	62 767	66 382	67 922	63 952
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 716	3 221	4 510	5 006	3 996	4 171
Colombia	2 719	3 159	5 823	6 175	3 718	3 069
Russia	937	2 216	1 911	2 656	5 831	7 546
South Africa	4 578	5 773	9 898	9 052	9 304	8 305
USA	689	827	332	381	966	1 267
Consumption						
Inputs to electricity plants	52 971	52 594	50 953	52 846	51 809	47 400
Inputs to heat plants	-	-	125	161	628	-
Consumption of energy branch	7	6	3	1	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	2 740	2 511	2 718	3 264	3 606	3 947
Non-ferrous metals	9	15	15	16	17	247
Chemical industry	265	716	746	530	231	247
Non-met. mineral prod.	1 348	980	933	641	579	555
Food, drink, tobacco	98	105	142	137	144	148
Pulp, paper and print	431	410	402	417	382	392
Engineering & metal	-	1	5	5	108	-
Other industries	10	4	6	5	-	18
Services & households etc.	358	404	1 173	751	930	606

6.2 Coal derivatives and peat

	DEUTSCHLAND					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	9 115	7 265	7 226	7 827	8 479	8 397
Patent Fuel	146	140	124	114	102	92
Lignite and peat	167 836	175 509	181 923	179 230	182 059	178 036
Brown coal briquettes	5 238	5 139	4 942	4 843	5 256	5 252
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	88 107	68 136	67 307	60 878	65 035	64 406
Blast-furnace gas	180 770	167 852	168 895	171 651	180 947	178 259
Gasworks gas	1 136	899	804	757	803	787
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	8 281	8 531	8 151	6 879	6 459	5 857
<i>among which:</i>						
Iron & steel industry	7 260	7 560	7 458	6 207	5 959	5 380
Services & households	344	331	212	106	85	65
Patent Fuel	115	89	105	80	60	52
<i>among which:</i>						
Services & households	115	89	105	80	60	52
Lignite and peat	505	376	371	364	382	398
<i>among which:</i>						
Industry	445	336	336	334	340	365
Services & households	60	40	35	30	42	33
Brown coal briquettes	3 908	3 662	3 310	3 428	3 716	3 385
<i>among which:</i>						
Industry	2 408	2 209	2 017	2 026	2 502	2 508
Services & households	1 500	1 453	1 293	1 402	1 214	877
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	50 696	45 322	42 785	38 337	38 913	38 296
Blast-furnace gas	83 221	75 995	74 099	81 904	80 134	77 034
Gasworks gas	1 121	887	793	747	792	783
Inputs to electricity plants	77 176	76 798	77 151	77 987	83 554	75 660
Inputs to heat plants	864	786	992	904	3 447	-
Consumption of energy branch	38 127	28 418	36 823	31 356	34 063	36 145
Consumption in industry	134 352	121 646	117 178	120 502	119 315	115 591


7. Renewable energy sources

		DEUTSCHLAND					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	9 609	10 428	11 593	12 369	13 973	16 713
Hydro (excl. pumping)		1 869	1 955	1 988	1 656	1 812	1 684
Wind		804	899	1 363	1 622	2 193	2 341
Solar		96	150	184	241	269	365
Geothermal		10	124	128	132	134	138
Biomass		6 830	7 300	7 929	8 719	9 564	12 186
	<i>among which:</i>						
Wood, wood-waste		4 708	4 710	4 702	5 807	6 318	6 906
Municipal solid waste		1 362	1 433	1 463	1 258	1 248	1 662
Biogas		557	843	1 270	924	1 004	1 433
Gross inland consumption		9 609	10 428	11 593	12 369	13 973	16 713
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	10	10	11
Biomass		2 146	2 253	2 548	3 378	3 916	5 345
	<i>among which:</i>						
Wood, wood-waste		346	275	233	1 260	1 732	2 091
Municipal waste		1 362	1 433	1 463	1 258	1 248	1 662
Biogas		439	541	846	840	917	1 349
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	4 785	5 312	5 677	5 591	5 906	7 138
	<i>by sector:</i>						
Industry		453	636	759	-	-	-
Services & households etc.		4 128	4 365	4 430	4 880	4 931	5 196
Transport		203	311	489	711	975	1 942
	<i>by source:</i>						
Biomass		4 684	5 048	5 382	5 257	5 561	6 757
	<i>among which:</i>						
Wood, wood-waste		4 362	4 435	4 469	4 547	4 586	4 815
Municipal waste		-	-	-	-	-	-
Biogas		119	301	424	-	-	-
Geothermal		10	124	128	122	124	127
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		60	116	188	333	557	1 282
Hydro with installed capacity < 1 MW		1 802	2 208	2 800	3 400	3 314	3 300
Hydro with installed capacity > 1 & <10 MW		6 197	5 426	5 794	4 567	5 064	4 659
Hydro with installed capacity > 10 MW		16 926	14 517	14 530	11 297	12 698	11 622
Wood, Wood-waste		804	639	543	2 775	3 900	4 647
Municipal waste		3 688	3 718	3 898	4 324	4 232	6 075
Biogas		1 683	2 077	3 247	2 968	3 264	4 708

eurostat		DEUTSCHLAND					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		114	195	260	388	708	1 508
Hydro with installed capacity < 1 MW		534	534	555	540	555	641
Hydro with installed capacity > 1 & <10 MW		887	887	972	1 004	1 009	1 073
Hydro with installed capacity > 10 MW		2 907	3 410	3 410	2 423	2 423	2 429
Wood, Wood-waste		1 014	190	285	526	884	1 008
Municipal waste		585	585	585	847	1 016	1 256
Biogas		345	560	580	599	654	1 074
Liquid biofuels							
Production	<i>1000 t</i>	250	354	556	822	1 137	2 527
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2 890	4 207	4 754	5 477	6 235	7 197


1. Energy economy

Key figures and energy indicators

		EESTI					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	3 249	3 502	3 774	4 225	4 096	4 219
Net energy imports		1 460	1 638	1 463	1 461	1 645	1 466
Net oil imports		626	812	880	850	905	867
Net gas imports		662	710	596	680	775	800
Gross inland energy consumption		4 635	5 192	5 060	5 507	5 709	5 563
Final energy consumption		2 364	2 527	2 520	2 568	2 754	2 783
Industry		530	591	527	589	629	651
Transport		577	650	679	642	667	725
Services and households etc.		1 257	1 285	1 315	1 337	1 458	1 408
Gross electricity generation	GWh	8 513	8 484	8 527	10 159	10 304	10 205
Final electricity consumption		4 969	5 134	5 272	5 573	5 892	6 023
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	3 870	4 166	4 500	4 819	5 208	5 753
Population	1000 per.	1 372	1 367	1 361	1 356	1 351	1 348
Industry added value	Mio EUR	1 052	1 142	1 235	1 320	1 436	1 628
Total imports (current prices)	Mio EUR	4 125	4 270	4 525	5 003	5 763	6 680
among which:							
All energy commodities		:	:	:	:	305	728
Oil products		:	:	:	:	268	635
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 197.9	1 246.3	1 124.4	1 142.8	1 096.2	966.9
Final energy consumption / GDP(95)		611.0	606.5	560.0	532.9	528.8	483.8
Energy intensity of industry:							
Final consumption / gross value-added mp		503.5	517.9	426.4	446.1	437.7	399.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		124.2	121.5	125.3	126.6	130.9	116.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 378	3 798	3 717	4 061	4 225	4 128
Final energy consumption / capita		1 723	1 848	1 851	1 894	2 038	2 066
Household consumption / capita		677	687	674	683	715	691
Final electricity consumption / capita	kWh/cap.	3 621	3 756	3 873	4 110	4 361	4 470
Energy dependency							
Net energy imports / Gross consumption	in %	30.8	30.9	28.3	26.0	28.1	25.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	51.0	48.7	49.8	46.6	48.2	50.0
Efficiency of thermal power stations		40.3	40.2	41.8	42.1	37.7	43.3


2. Energy balance

Principal aggregates by product


 eurostat	EESTI					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	3 249	3 502	3 774	4 225	4 096	4 219
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	2 749	2 700	2 959	3 324	3 094	3 176
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	0	1	1	1	2	2
Biomass	500	550	542	608	685	706
Imports						
Total	1 771	1 950	1 841	1 946	2 178	1 982
among which:						
Hard coal	64	54	39	37	29	35
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	760	935	1 033	1 007	1 098	1 079
Natural Gas	662	710	596	680	775	800
Electricity	22	23	35	8	30	30
Exports						
Total	311	312	378	485	533	516
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	134	122	153	158	193	212
Natural gas	-	-	-	-	-	-
Electricity	102	77	95	171	184	168
Gross inland consumption						
Total	4 635	5 192	5 060	5 507	5 709	5 563
among which:						
Solid fuels	3 042	3 003	2 945	3 427	3 405	3 191
Crude oil and petrol. prod.	510	993	1 055	1 042	1 077	1 090
Natural gas	662	710	596	680	775	800
Nuclear Energy	-	-	-	-	-	-
Renewables	501	539	523	521	607	621
Transformation input						
Total	3 168	3 216	3 161	3 496	3 709	3 254
among which:						
Crude oil and feedstocks	1	1	1	1	1	1
Petroleum products	127	107	111	91	83	80
Hard coal	7	3	4	3	3	3
Lignite and peat	2 498	2 537	2 469	2 888	3 034	2 548
Renewables	87	104	106	94	112	129
Transformation output						
Total	1 507	1 530	1 559	1 689	1 681	1 675
among which:						
Electricity	731	729	733	872	883	871
Heat	635	634	644	611	644	656

eurostat	EESTI					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	2 364	2 527	2 520	2 568	2 754	2 783
<i>among which:</i> Solid fuels	119	145	93	72	92	98
Petroleum products	748	836	863	829	934	960
Natural Gas	134	169	180	251	208	207
Renewables	424	434	416	424	492	453
Electricity	427	441	453	479	507	518
Final energy consumption by sector						
Industry						
Total	530	591	527	589	629	651
<i>among which:</i> Solid fuels	81	113	57	45	57	67
Petroleum Products	89	93	83	98	100	93
Natural Gas	79	101	91	144	105	109
Renewables	79	89	89	63	128	136
Electricity	157	156	162	175	184	186
Transport						
Total	577	650	679	642	667	725
<i>among which:</i> Motor spirit	295	324	322	308	296	309
Diesel oil	255	303	329	307	332	365
Jet fuel	20	16	20	18	30	42
Electricity	8	7	8	8	9	9
Services&households						
Total	1 257	1 285	1 315	1 337	1 458	1 408
<i>among which:</i> Solid fuels	38	31	36	28	35	31
Gas oil	55	51	60	77	155	141
Natural Gas	55	68	90	107	103	98
Renewables	345	346	328	361	364	316
Electricity	262	278	283	296	315	323
Heat	468	462	469	448	466	488


3.1 Electricity balance

 eurostat	in GWh	EESTI					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		8 513	8 484	8 527	10 159	10 304	10 205
<i>among which:</i>							
Hydro		5	7	6	13	22	22
Wind		1	1	1	6	8	54
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		8 507	8 476	8 520	10 140	10 274	10 129
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		7 678	7 656	7 748	9 371	9 524	9 302
Petroleum products		57	41	29	43	36	32
Natural gas		759	768	713	699	684	760
Derived gases		-	-	-	-	-	-
Biomass		13	11	30	27	30	21
Industrial wastes		-	-	-	-	-	14
Total net generation		7 591	7 591	7 598	9 101	9 232	9 114
Imports and exports							
Total imports		258	269	412	93	347	345
Total exports		1 187	891	1 102	1 989	2 141	1 953
Consumption and losses							
Consumption of the energy branch		1 375	1 367	1 308	1 498	1 506	1 471
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		1 240	1 361	1 257	1 192	1 112	1 103
Final energy consumption		4 969	5 134	5 272	5 573	5 892	6 023
<i>of which:</i>							
Industry		1 831	1 814	1 883	2 031	2 135	2 161
<i>among which:</i>							
Iron&steel industry		4	4	4	4	3	5
Non-ferrous metals		1	3	3	4	3	7
Chemical industry		311	307	282	305	329	355
Non-met. mineral prod.		151	166	172	194	196	203
Food, drink, tobacco		267	287	292	289	300	304
Pulp, paper and print		104	109	130	127	136	140
Engineering & metal		181	162	196	224	242	252
Other industries		503	512	550	612	646	680
Transport		91	84	97	97	99	103
Services & households etc.		3 047	3 236	3 292	3 445	3 658	3 759
<i>among which:</i>							
Households		1 466	1 585	1 584	1 594	1 618	1 620


3.2 Electrical capacity, fuel inputs and heat


		EESTI					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	2 545	2 223	2 180	2 165	2 383	2 285
<i>by source:</i>							
Conventional thermal		2 545	2 223	2 180	2 165	2 375	2 254
<i>of which:</i>							
Steam		2 538	2 217	2 169	2 152	2 361	2 236
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		1	6	11	13	14	18
Nuclear		-	-	-	-	-	-
Hydro		-	-	-	-	-	-
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	8	31
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		2 521	2 200	2 160	2 146	2 360	2 262
Autoproducers		25	24	24	25	27	27
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	2 445	2 459	2 333	2 658	2 964	2 536
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		2 206	2 212	2 087	2 416	2 736	2 294
Petroleum products		12	11	10	11	11	10
Natural gas		173	172	152	146	139	150
Renewables		2	3	5	5	5	5
Heating plants		470	458	518	502	496	488
<i>among which:</i>							
Hard coal		7	3	4	3	3	3
Lignite and peat		40	27	74	137	50	25
Petroleum products		115	96	102	81	73	71
Natural gas		203	209	229	190	256	263
Renewables		85	101	101	89	107	125
Heat production and consumption							
Total heat production	TJ	635	634	644	611	644	656
<i>among which: in heating plants</i>							
		382	375	402	365	409	428
Heat consumption		511	502	514	490	522	547
<i>of which: in industry</i>							
		44	40	45	42	56	60
<i>in households and services</i>							
		468	462	469	448	466	488
<i>among which: in households</i>							
		376	397	393	373	371	377

4.1 Crude oil and feedstocks


 eurostat	EESTI					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	-	-	-	-	-	-
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Refinery intake	-	-	-	-	-	-
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	EESTI					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	-	-	-	-	-	-
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Total imports	755	922	1 025	993	1 085	1 064
Total exports	140	128	160	165	202	222
Bunkers	107	102	120	114	153	122
Stock changes	-12	27	21	11	7	11
Gross inland consumption	498	984	1 051	1 030	1 066	1 077
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	4	1	-	-	-
United Kingdom	-	-	-	-	-	-
Norway	5	18	16	13	8	20
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	188	301	276	280	290	301
Kerosene and jet fuel	22	14	19	20	27	41
Gas/diesel oil	342	435	523	564	599	586
Residual fuel oil	154	125	129	86	112	88
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	1	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	137	127	160	165	202	222
Consumption						
Inputs to electricity plants	12	12	10	11	11	10
Inputs to heating plants	120	100	105	84	76	74
Non-energy use	48	44	68	37	51	44
Final energy consumption	732	819	846	809	915	940
Industry						
<i>among which by product:</i>						
Gas/diesel oil	35	34	32	62	53	50
Residual fuel oil	54	59	50	24	45	41

 eurostat	EESTI					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	1	-	1	2	1	1
Non-met. mineral prod.	6	10	4	6	6	5
Food, drink, tobacco	34	32	31	14	26	23
Pulp, paper and print	2	19	1	10	1	1
Engineering & metal	4	4	3	7	8	7
Other industries	38	24	38	49	52	48
Transport	552	624	651	615	640	696
<i>among which:</i>						
Motor spirit	281	308	306	293	282	294
Jet fuel	19	16	19	18	29	41
Diesel oil	252	300	326	304	329	361
Services & households etc.	89	100	110	96	174	150
<i>among which:</i>						
Gas oil	54	50	59	76	153	140
Residual fuel oil	27	41	46	13	12	5
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	166	139	115	100	93	82


5. Natural gas

 eurostat	EESTI					
	in TJ (GCV)					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	30 797	33 050	27 714	31 635	36 032	37 201
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	30 797	33 050	27 714	31 635	36 032	37 201
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	30 797	33 050	27 714	31 635	36 032	37 201
Consumption						
Inputs to electricity plants	8 061	7 991	7 091	6 770	6 472	6 972
Inputs to heat plants	9 460	9 745	10 645	8 855	11 921	12 241
Consumption of energy branch	407	373	257	376	298	288
Distribution losses	-	-	-	-	-	-
Non-energy use	6 598	7 116	1 326	3 965	7 668	8 068
Industry	3 691	4 695	4 212	6 690	4 873	5 089
<i>among which:</i>						
Iron&steel industry	4	7	7	10	10	25
Non-ferrous metals	-	4	25	4	31	20
Chemical industry	89	93	56	73	116	125
Non-met. mineral prod.	775	1 153	735	1 902	920	860
Food, drink, tobacco	1 227	1 336	1 235	1 184	1 044	1 279
Pulp, paper and print	619	624	637	885	849	649
Engineering & metal	135	162	229	483	270	438
Other industries	518	643	743	983	916	1 006
Transport	-	-	-	-	-	-
Services & households etc.	2 565	3 148	4 183	4 979	4 800	4 543
<i>among which:</i>						
Households	1 950	1 937	1 714	1 737	1 795	2 092
Services	496	1 043	2 280	2 987	2 723	2 151

6.1 Hard coal

eurostat	EESTI						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		101	84	60	57	44	54
Total exports		-	-	-	-	-	-
Stock changes		-14	25	1	-13	14	2
Gross inland consumption		87	109	61	44	58	56
Imports							
Imports by origin							
<i>among which:</i>							
Australia		-	-	-	-	-	-
Colombia		-	-	-	-	-	-
Russia		98	84	59	57	44	54
South Africa		-	-	-	-	-	-
USA		-	-	-	-	-	-
Consumption							
Inputs to electricity plants							
Inputs to heat plants		11	6	6	5	4	4
Consumption of energy branch							
Industry		39	69	15	11	13	12
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		37	67	13	8	9	9
Food, drink, tobacco		1	1	1	1	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	1	1	1	1
Other industries		1	1	-	-	2	1
Services & households etc.		38	35	39	28	41	40

6.2 Coal derivatives and peat

	EESTI					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	23	26	30	30	35	37
Patent Fuel	-	-	-	-	-	-
Lignite and peat	12 426	12 534	13 764	15 616	14 551	14 969
Brown coal briquettes	86	113	128	120	68	68
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	3 833	4 348	4 642	5 898	4 471	4 456
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	2	4	1	1	-	-
<i>among which:</i>						
Iron & steel industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	245	312	225	187	247	287
<i>among which:</i>						
Industry	236	306	217	181	238	285
Services & households	9	6	8	6	9	2
Brown coal briquettes	29	17	18	18	14	13
<i>among which:</i>						
Industry	1	1	-	1	-	-
Services & households	28	16	18	17	14	13
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	1 065	-	-
Inputs to electricity plants	2 432	2 826	3 669	3 785	3 441	3 601
Inputs to heat plants	875	984	396	90	333	109
Consumption of energy branch	532	538	567	947	697	746
Consumption in industry	-	-	-	1 065	-	-

7. Renewable energy sources

eurostat	EESTI						
	2000	2001	2002	2003	2004	2005	
Primary production							
Total primary production	<i>in 1000 toe</i>	500	551	543	610	687	712
Hydro (excl. pumping)		0	1	1	1	2	2
Wind		0	0	0	1	1	5
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		500	550	542	608	685	706
<i>among which:</i>							
Wood, wood-waste		492	548	540	606	683	706
Municipal solid waste		-	-	-	-	-	-
Biogas		2	2	2	3	2	-
Gross inland consumption		501	539	523	521	607	621
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		87	104	106	94	112	129
<i>among which:</i>							
Wood, wood-waste		85	102	104	92	110	129
Municipal waste		-	-	-	-	-	-
Biogas		2	2	2	3	2	-
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	424	434	416	424	492	453
<i>by sector:</i>							
Industry		79	89	89	63	128	136
Services & households etc.		345	346	328	361	364	316
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		424	434	416	424	492	453
<i>among which:</i>							
Wood, wood-waste		424	434	416	424	492	453
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		5	7	6	13	22	22
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		13	11	23	21	23	21
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-

eurostat	EESTI					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	2	2	3	4	4	5
Hydro with installed capacity > 1 & <10 MW	-	-	-	-	-	-
Hydro with installed capacity > 10 MW	-	-	-	-	-	-
Wood, Wood-waste	-	-	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Liquid biofuels						
Production	<i>1000 t</i>					
	-	-	-	-	-	-
Solar Panels						
Solar panel surface	<i>1000 m²</i>					
	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

eurostat		ÉIRE/IRELAND					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	2 175	1 788	1 538	1 875	1 892	1 650
Net energy imports		12 234	13 649	13 705	13 535	13 825	13 620
Net oil imports		7 959	8 836	8 803	8 556	8 810	8 466
Net gas imports		2 478	2 925	3 001	3 133	2 960	3 010
Gross inland energy consumption		14 319	14 950	15 259	14 991	15 815	15 121
Final energy consumption		10 678	11 109	11 207	11 476	11 701	12 346
Industry		2 344	2 329	2 285	2 243	2 245	2 484
Transport		4 005	4 274	4 384	4 426	4 599	4 981
Services and households etc.		4 330	4 505	4 538	4 807	4 857	4 881
Gross electricity generation	GWh	24 003	24 981	25 217	25 225	25 575	25 357
Final electricity consumption		20 288	21 024	21 769	23 033	23 058	24 352
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	81 550	86 318	91 525	95 455	99 568	105 067
Population	1000 per.	3 778	3 833	3 900	3 964	4 028	4 109
Industry added value	Mio EUR	30 890	33 117	36 418	37 405	39 361	39 506
Total imports (current prices)	Mio EUR	75 795	81 241	82 915	81 879	88 966	94 729
among which:							
All energy commodities		2 271	2 097	1 862	1 839	2 669	3 769
Oil products		1 861	1 561	1 465	1 470	2 137	3 064
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	175.6	173.2	166.7	157.0	158.8	143.9
Final energy consumption / GDP(95)		130.9	128.7	122.4	120.2	117.5	117.5
Energy intensity of industry:							
Final consumption / gross value-added mp		75.9	70.3	62.7	60.0	57.0	62.9
Energy intensity of service sector:							
Final consumption / gross value-added mp		41.9	39.5	39.4	42.2	39.6	37.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 790	3 900	3 913	3 782	3 927	3 680
Final energy consumption / capita		2 827	2 898	2 874	2 895	2 905	3 005
Household consumption / capita		664	689	675	694	707	692
Final electricity consumption / capita	kWh/cap.	5 370	5 485	5 582	5 811	5 725	5 926
Energy dependency							
Net energy imports / Gross consumption	in %	84.5	90.3	89.0	89.3	86.6	89.5
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	74.6	74.3	73.4	76.6	74.0	81.7
Efficiency of thermal power stations		40.6	39.6	40.3	42.7	43.6	42.2


2. Energy balance

Principal aggregates by product


 eurostat	EIRE/IRELAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	2 175	1 788	1 538	1 875	1 892	1 650
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	959	869	572	1 055	877	789
Crude oil	-	-	-	-	-	-
Natural Gas	958	659	678	544	688	461
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	73	51	78	51	54	54
Biomass	164	180	176	185	216	250
Imports						
Total	13 557	14 966	15 178	15 120	15 140	15 071
among which:						
Hard coal	1 786	1 902	1 844	1 740	1 919	1 960
Crude oil and feedstocks	3 002	3 395	3 374	3 289	2 931	3 297
Petroleum products	6 260	6 721	6 886	6 833	7 176	6 600
Natural Gas	2 478	2 925	3 001	3 133	2 960	3 010
Electricity	15	3	49	101	135	176
Exports						
Total	1 323	1 317	1 474	1 585	1 315	1 451
among which:						
Crude oil and feedstocks	-	-	88	86	-	-
Petroleum products	1 302	1 279	1 369	1 480	1 297	1 432
Natural gas	-	-	-	-	-	-
Electricity	6	25	5	1	-	0
Gross inland consumption						
Total	14 319	14 950	15 259	14 991	15 815	15 121
among which:						
Solid fuels	2 711	2 756	2 687	2 621	2 420	2 685
Crude oil and petrol. prod.	7 906	8 371	8 562	8 341	9 288	8 390
Natural gas	3 436	3 584	3 679	3 653	3 645	3 470
Nuclear Energy	-	-	-	-	-	-
Renewables	258	261	288	276	327	401
Transformation input						
Total	8 273	8 762	8 433	8 227	7 904	8 217
among which:						
Crude oil and feedstocks	3 310	3 430	3 230	3 245	3 041	3 336
Petroleum products	1 034	1 227	945	607	781	774
Hard coal	1 452	1 539	1 485	1 348	1 415	1 408
Lignite and peat	629	691	691	657	395	629
Renewables	24	24	19	19	25	30
Transformation output						
Total	5 399	5 580	5 368	5 367	5 106	5 287
among which:						
Electricity	1 944	2 040	2 026	2 048	2 058	2 001
Heat	-	-	-	-	-	-

eurostat	EIRE/IRELAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	10 678	11 109	11 207	11 476	11 701	12 346
<i>among which:</i> Solid fuels	699	672	661	662	667	704
Petroleum products	6 894	7 238	7 321	7 389	7 535	7 990
Natural Gas	1 201	1 234	1 197	1 277	1 325	1 337
Renewables	141	157	157	167	192	221
Electricity	1 744	1 808	1 872	1 980	1 983	2 094
Final energy consumption by sector						
Industry						
Total	2 344	2 329	2 285	2 243	2 245	2 484
<i>among which:</i> Solid fuels	119	131	126	129	148	164
Petroleum Products	990	977	942	931	927	1 061
Natural Gas	470	440	432	437	433	427
Renewables	100	113	113	121	146	172
Electricity	664	667	672	626	592	660
Transport						
Total	4 005	4 274	4 384	4 426	4 599	4 981
<i>among which:</i> Motor spirit	1 570	1 631	1 667	1 665	1 711	1 801
Diesel oil	1 790	1 880	1 913	1 974	2 138	2 315
Jet fuel	613	736	782	764	724	836
Electricity	2	2	2	2	4	5
Services&households						
Total	4 330	4 505	4 538	4 807	4 857	4 881
<i>among which:</i> Solid fuels	580	541	535	533	519	540
Gas oil	1 049	1 063	1 068	1 069	1 026	1 058
Natural Gas	730	794	765	841	891	910
Renewables	40	43	43	46	46	47
Electricity	1 078	1 138	1 198	1 353	1 386	1 429
Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	EIRE/IRELAND					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	24 003	24 981	25 217	25 225	25 575	25 357
<i>among which:</i>						
Hydro	1 150	920	1 264	956	984	975
Wind	244	334	388	454	655	1 112
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	22 609	23 727	23 565	23 815	23 936	23 270
<i>of which:</i>						
Hard coal	6 817	7 062	6 821	6 203	6 229	6 389
Lignite and peat	1 770	2 193	2 082	2 028	1 487	2 450
Petroleum products	4 663	5 228	3 751	2 476	3 234	3 340
Natural gas	9 263	9 147	10 829	13 038	12 894	10 961
Derived gases	-	-	-	-	-	-
Biomass	96	97	82	70	92	130
Industrial wastes	-	-	-	-	-	-
Total net generation	22 709	23 703	23 947	24 075	24 423	23 712
Imports and exports						
Total imports	169	38	565	1 176	1 574	2 045
Total exports	71	288	62	10	-	1
Consumption and losses						
Consumption of the energy branch	1 550	1 546	1 622	1 534	1 540	1 992
<i>of which:</i>						
Consumption for pumped-storage	145	157	182	193	198	186
Network losses	2 020	1 907	1 966	2 036	2 036	2 041
Final energy consumption	20 288	21 024	21 769	23 033	23 058	24 352
<i>of which:</i>						
Industry	7 727	7 760	7 814	7 276	6 886	7 673
<i>among which:</i>						
Iron&steel industry	329	150	22	12	12	12
Non-ferrous metals	479	410	413	385	364	406
Chemical industry	1 336	1 379	1 389	1 293	1 224	1 364
Non-met. mineral prod.	587	578	582	542	513	571
Food, drink, tobacco	1 818	1 876	1 889	1 759	1 665	1 855
Pulp, paper and print	316	320	322	300	284	316
Engineering & metal	1 219	1 443	1 582	1 481	1 401	1 563
Other industries	979	960	967	900	851	949
Transport	26	26	23	23	51	59
Services & households etc.	12 535	13 238	13 932	15 734	16 121	16 620
<i>among which:</i>						
Households	6 375	6 728	6 579	6 966	7 346	7 512


3.2 Electrical capacity, fuel inputs and heat

		EIRE/IRELAND					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	4 708	4 729	5 481	5 680	5 839	6 150
<i>by source:</i>							
Conventional thermal		4 064	4 064	4 760	4 899	4 929	5 132
<i>of which:</i>							
Steam		2 858	2 858	2 805	2 761	2 668	2 768
Gas turbine		423	423	434	541	649	804
Combined cycle		735	735	1 464	1 472	1 487	1 481
Internal combustion		48	48	52	52	52	64
Nuclear		-	-	-	-	-	-
Hydro		528	530	532	532	532	526
<i>among which:</i>							
Pumped storage		292	292	292	292	292	292
Wind		116	135	189	249	378	492
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		4 580	4 601	5 350	5 544	5 697	6 123
Autoproducers		128	128	131	136	142	145
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	4 792	5 153	5 022	4 796	4 725	4 747
<i>among which:</i>							
Hard coal		1 431	1 518	1 458	1 327	1 387	1 380
Lignite and peat		493	552	556	513	297	523
Petroleum products		1 019	1 207	924	586	770	774
Natural gas		1 825	1 851	2 065	2 351	2 247	2 040
Renewables		24	24	19	19	25	30
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	-	-	-	-	-	-
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		-	-	-	-	-	-
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks

 eurostat	EIRE/IRELAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	2 987	3 371	3 343	3 258	2 911	3 273
Total exports	-	-	87	85	-	-
Stock changes	329	9	-57	52	31	37
Refinery intake	3 294	3 406	3 200	3 215	3 020	3 311
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	80	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	80	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	80	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	2 943	2 862	1 970	2 124	1 959	2 500
Russia	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	EIRE/IRELAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	3 286	3 365	3 154	3 130	2 895	3 120
<i>among which:</i>						
Motor spirit	532	669	660	639	552	683
Kerosene and jet fuel	249	241	314	315	252	239
Naphtha	104	12	30	31	21	5
Gas/diesel oil	1 133	1 173	955	988	964	1 097
Residual fuel oil	1 158	1 132	1 047	1 005	966	948
Total imports	6 305	6 803	6 954	6 917	7 202	6 644
Total exports	1 346	1 318	1 400	1 512	1 324	1 460
Bunkers	151	161	149	171	150	104
Stock changes	-218	-313	-31	-95	583	-12
Gross inland consumption	4 590	5 011	5 374	5 139	6 311	5 068
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	11	62	142	47	38
United Kingdom	5 716	5 960	5 775	5 713	6 212	5 788
Norway	-	34	607	522	391	198
OPEC	-	-	68	11	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	1 015	1 001	1 035	1 114	1 191	1 011
Kerosene and jet fuel	1 050	1 196	1 337	1 353	1 348	1 428
Gas/diesel oil	2 076	2 069	2 320	2 351	2 510	2 168
Residual fuel oil	1 582	1 831	1 497	1 177	1 318	1 145
Exports by product						
<i>among which:</i>						
Motor spirit	20	124	162	191	122	176
Kerosene and jet fuel	25	16	94	65	13	7
Gas/diesel oil	35	47	50	118	124	154
Residual fuel oil	1 149	1 096	1 037	1 080	942	1 013
Consumption						
Inputs to electricity plants	1 062	1 259	964	610	802	805
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	179	209	288	266	294	325
Final energy consumption	6 839	7 192	7 271	7 336	7 465	7 914
Industry						
<i>among which by product:</i>						
Gas/diesel oil	184	185	187	190	180	185
Residual fuel oil	519	435	391	360	372	489



in 1 000 t

EIRE/IRELAND

2000 2001 2002 2003 2004 2005

Industry

among which by sector:

Iron&steel industry	6	6	5	4	-	-
Non-ferrous metals	280	228	200	182	189	353
Chemical industry	124	132	132	140	141	136
Non-met. mineral prod.	258	326	331	330	324	333
Food, drink, tobacco	175	164	159	159	151	146
Pulp, paper and print	11	10	9	9	10	7
Engineering & metal	76	69	67	69	69	56
Other industries	57	57	56	52	57	61

Transport

among which:

Motor spirit	1 494	1 552	1 586	1 584	1 628	1 714
Jet fuel	597	717	761	744	705	814
Diesel oil	1 772	1 861	1 893	1 954	2 116	2 291

Services & households etc.


among which:

Gas oil	1 038	1 052	1 057	1 058	1 016	1 047
Residual fuel oil	181	160	147	140	130	10


Stocks at end of period

Crude oil and feedstocks	128	119	176	124	93	56
Petroleum products	1 212	1 525	1 403	1 531	948	1 590


5. Natural gas

 eurostat	EIRE/IRELAND						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		44 581	30 639	31 519	25 293	32 025	21 437
Total imports		115 259	136 078	139 612	145 769	137 683	140 007
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-1 145	-143	-37
Gross inland consumption		159 840	166 717	171 131	169 917	169 565	161 407
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		84 880	86 131	96 043	109 383	104 511	94 880
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Distribution losses		1 306	2 174	2 195	2 253	2 803	3 363
Non-energy use		17 804	20 996	16 354	6	-	-
Industry		21 867	20 490	20 075	20 310	20 163	19 887
<i>among which:</i>							
Iron&steel industry		838	33	32	44	44	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		7 543	7 962	5 104	4 371	4 394	5 142
Non-met. mineral prod.		1 846	1 913	1 746	1 234	1 230	1 393
Food, drink, tobacco		7 465	7 331	6 735	9 039	9 079	9 231
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		2 953	2 035	5 171	4 194	3 988	3 392
Transport		-	-	-	-	-	-
Services & households etc.		33 981	36 926	35 609	39 109	41 468	42 326
<i>among which:</i>							
Households		20 365	22 367	22 077	25 021	27 529	24 216
Services		13 616	14 559	13 532	14 088	13 939	18 110


6.1 Hard coal

 eurostat	EIRE/IRELAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	2 747	3 024	2 871	2 616	2 886	2 947
Total exports	3	3	5	2	5	7
Stock changes	200	-13	-82	117	-75	-70
Gross inland consumption	2 944	3 008	2 784	2 731	2 806	2 870
Imports						
Imports by origin						
<i>among which:</i>						
Australia	292	373	513	600	1 224	299
Colombia	903	798	872	454	1 244	1 013
Russia	-	-	-	-	-	-
South Africa	418	-	301	808	4	634
USA	452	306	334	222	-	-
Consumption						
Inputs to electricity plants	2 347	2 461	2 371	2 195	2 239	2 287
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	183	208	196	194	222	246
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	113	152	143	142	163	180
Food, drink, tobacco	47	31	29	29	33	36
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	7	12	11	11	12	14
Other industries	-	-	-	-	-	-
Services & households etc.	357	319	288	320	307	311

6.2 Coal derivatives and peat

	EIRE/IRELAND					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	47	47	55	51	55	55
Lignite and peat	4 808	4 357	2 870	5 290	4 395	3 956
Brown coal briquettes	274	269	273	279	206	215
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
<i>among which:</i>						
Iron & steel industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	41	41	46	44	50	54
<i>among which:</i>						
Services & households	41	41	46	44	50	54
Lignite and peat	608	616	622	606	597	634
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	608	616	622	606	597	634
Brown coal briquettes	280	255	261	213	203	205
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	280	255	261	213	203	205
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

	EIRE/IRELAND					
	2000	2001	2002	2003	2004	2005
Primary production						
Total primary production	<i>in 1000 toe</i>					
	258	261	288	276	327	401
Hydro (excl. pumping)	73	51	78	51	54	54
Wind	21	29	33	39	56	96
Solar	0	0	0	0	0	0
Geothermal	0	0	0	0	0	0
Biomass	164	180	176	185	216	250
<i>among which:</i>						
Wood, wood-waste	136	152	152	160	186	215
Municipal solid waste	-	-	-	-	-	-
Biogas	28	28	23	25	30	34
Gross inland consumption	258	261	288	276	327	401
Inputs to electricity and heat production						
	<i>in 1000 toe</i>					
Geothermal	-	-	-	-	-	-
Biomass	24	24	19	19	25	30
<i>among which:</i>						
Wood, wood-waste	-	-	-	-	2	2
Municipal waste	-	-	-	-	-	-
Biogas	24	24	19	19	22	27
Final consumption of RES (excl. electricity)						
Total	<i>in 1000 toe</i>					
	141	157	157	167	192	221
<i>by sector:</i>						
Industry	100	113	113	121	146	172
Services & households etc.	40	43	43	46	46	47
Transport	-	-	-	-	-	1
<i>by source:</i>						
Biomass	140	156	156	167	191	220
<i>among which:</i>						
Wood, wood-waste	136	152	152	160	184	212
Municipal waste	-	-	-	-	-	-
Biogas	4	4	4	7	7	7
Geothermal	0	0	0	0	0	0
Electricity generation from RES						
	<i>in GWh</i>					
Solar photovoltaics	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	27	25	31	26	29	49
Hydro with installed capacity > 1 & <10 MW	96	68	24	57	71	54
Hydro with installed capacity > 10 MW	723	503	857	515	530	529
Wood, Wood-waste	-	-	-	-	8	8
Municipal waste	-	-	-	-	-	-
Biogas	96	97	82	86	101	122

eurostat	EIRE/IRELAND					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	7	10	9	11	11	18
Hydro with installed capacity > 1 & <10 MW	27	27	7	23	27	20
Hydro with installed capacity > 10 MW	199	199	222	206	202	196
Wood, Wood-waste	-	-	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	15	15	19	15	15	18
Liquid biofuels						
Production	<i>1000 t</i>					
	-	-	-	-	-	1
Solar Panels						
Solar panel surface	<i>1000 m²</i>					
	5	5	5	6	8	13


1. Energy economy

Key figures and energy indicators

		ELLÁDA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	9 946	9 942	10 538	9 887	10 263	10 290
Net energy imports		21 982	22 322	23 199	22 472	24 588	23 336
Net oil imports		19 527	19 581	20 569	19 869	21 708	20 307
Net gas imports		1 689	1 670	1 755	2 002	2 174	2 332
Gross inland energy consumption		28 140	28 975	29 753	30 187	30 660	31 240
Final energy consumption		18 513	19 112	19 494	20 472	20 242	20 741
Industry		4 437	4 496	4 458	4 304	4 045	4 132
Transport		7 196	7 363	7 460	7 800	7 960	8 068
Services and households etc.		6 880	7 253	7 576	8 367	8 237	8 542
Gross electricity generation	GWh	53 843	53 704	54 608	58 471	59 346	60 020
Final electricity consumption		43 151	44 535	46 564	48 598	49 738	50 904
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	106 497	111 913	116 198	121 721	127 413	132 073
Population	1000 per.	10 904	10 931	10 969	11 006	11 041	11 083
Industry added value	Mio EUR	21 715	23 281	23 815	25 235	25 180	25 582
Total imports (current prices)	Mio EUR	39 604	37 551	37 039	38 706	42 319	41 806
among which:							
All energy commodities		4 398	5 005	4 522	5 437	5 383	7 887
Oil products		4 102	4 618	4 151	4 991	4 906	7 248
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	264.2	258.9	256.1	248.0	240.6	236.5
Final energy consumption / GDP(95)		173.8	170.8	167.8	168.2	158.9	157.0
Energy intensity of industry:							
Final consumption / gross value-added mp		204.3	193.1	187.2	170.6	160.6	161.5
Energy intensity of service sector:							
Final consumption / gross value-added mp		19.5	20.7	20.7	21.4	21.8	22.9
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 581	2 651	2 713	2 743	2 777	2 819
Final energy consumption / capita		1 698	1 748	1 777	1 860	1 833	1 871
Household consumption / capita		410	428	446	496	485	493
Final electricity consumption / capita	kWh/cap.	3 957	4 074	4 245	4 415	4 505	4 593
Energy dependency							
Net energy imports / Gross consumption	in %	69.3	68.8	70.6	67.3	72.6	68.5
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.8	66.0	65.5	67.8	66.0	66.4
Efficiency of thermal power stations		36.7	37.3	35.8	38.0	37.9	37.2


2. Energy balance

Principal aggregates by product


 eurostat	ELLADA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	9 946	9 942	10 538	9 887	10 263	10 290
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	8 222	8 392	8 914	8 176	8 547	8 538
Crude oil	280	191	189	137	133	100
Natural Gas	42	40	42	31	29	18
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	318	180	241	410	402	431
Biomass	946	970	996	945	954	990
Imports						
Total	26 249	26 334	27 568	28 654	30 491	29 419
<i>among which:</i> Hard coal	809	885	644	485	498	395
Crude oil and feedstocks	20 439	20 132	20 645	21 111	21 641	20 272
Petroleum products	3 164	3 337	4 127	4 694	5 758	5 935
Natural Gas	1 689	1 670	1 755	2 002	2 174	2 332
Electricity	149	306	396	358	417	483
Exports						
Total	4 267	4 012	4 369	6 182	5 903	6 084
<i>among which:</i> Crude oil and feedstocks	-	-	387	1 104	812	919
Petroleum products	4 077	3 889	3 815	4 832	4 879	4 980
Natural gas	-	-	-	-	-	-
Electricity	150	91	147	179	175	158
Gross inland consumption						
Total	28 140	28 975	29 753	30 187	30 660	31 240
<i>among which:</i> Solid fuels	9 040	9 308	9 319	8 906	9 101	8 952
Crude oil and petrol. prod.	15 929	16 413	16 954	17 499	17 499	17 951
Natural gas	1 705	1 683	1 801	2 026	2 229	2 354
Nuclear Energy	-	-	-	-	-	-
Renewables	1 403	1 318	1 393	1 543	1 554	1 634
Transformation input						
Total	34 049	33 354	33 737	34 230	33 372	33 911
<i>among which:</i> Crude oil and feedstocks	22 404	21 666	21 477	22 266	21 122	21 415
Petroleum products	2 036	1 868	1 937	1 958	1 911	2 053
Hard coal	4	1	6	25	-	-
Lignite and peat	8 252	8 476	8 880	8 427	8 667	8 782
Renewables	0	31	47	31	33	28
Transformation output						
Total	26 632	25 951	25 815	26 753	25 695	25 993
<i>among which:</i> Electricity	4 237	4 318	4 342	4 481	4 559	4 569
Heat	28	28	28	46	43	49

eurostat	ELLADA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	18 513	19 112	19 494	20 472	20 242	20 741
<i>among which:</i> Solid fuels	888	903	746	603	559	446
Petroleum products	12 584	12 992	13 321	14 245	13 878	14 219
Natural Gas	257	317	345	385	461	585
Renewables	1 046	1 042	1 050	1 014	1 023	1 066
Electricity	3 710	3 829	4 004	4 179	4 277	4 377
Final energy consumption by sector						
Industry						
Total	4 437	4 496	4 458	4 304	4 045	4 132
<i>among which:</i> Solid fuels	852	870	721	597	553	435
Petroleum Products	1 935	1 913	1 966	1 960	1 709	1 787
Natural Gas	244	294	309	328	373	426
Renewables	241	236	246	202	207	244
Electricity	1 165	1 183	1 215	1 217	1 203	1 240
Transport						
Total	7 196	7 363	7 460	7 800	7 960	8 068
<i>among which:</i> Motor spirit	3 394	3 506	3 671	3 836	3 920	4 086
Diesel oil	2 216	2 304	2 319	2 466	2 431	2 448
Jet fuel	1 325	1 191	1 154	1 162	1 208	1 181
Electricity	20	18	19	20	20	17
Services&households						
Total	6 880	7 253	7 576	8 367	8 237	8 542
<i>among which:</i> Solid fuels	35	33	25	6	6	10
Gas oil	3 287	3 546	3 756	4 355	4 042	4 204
Natural Gas	13	17	27	46	78	147
Renewables	805	806	804	812	816	822
Electricity	2 526	2 628	2 770	2 941	3 054	3 120
Heat	28	28	28	46	43	49


3.1 Electricity balance

 eurostat	in GWh	ELLADA					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		53 843	53 704	54 608	58 471	59 346	60 020
<i>among which:</i>							
Hydro		4 111	2 725	3 463	5 332	5 205	5 610
Wind		451	756	651	1 021	1 121	1 266
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		49 281	50 223	50 494	52 118	53 019	53 143
<i>of which:</i>							
Hard coal		14	6	20	78	-	-
Lignite and peat		34 299	35 425	34 546	35 092	35 380	35 543
Petroleum products		8 885	8 477	8 633	8 707	8 385	9 207
Natural gas		5 920	6 133	7 061	7 995	8 991	8 171
Derived gases		-	-	-	-	-	-
Biomass		-	79	126	105	123	122
Industrial wastes		163	103	108	141	140	100
Total net generation		49 863	49 730	50 608	54 337	54 888	55 739
Imports and exports							
Total imports		1 729	3 562	4 602	4 169	4 854	5 616
Total exports		1 740	1 062	1 706	2 076	2 034	1 836
Consumption and losses							
Consumption of the energy branch		5 990	6 090	6 263	6 447	6 697	6 705
<i>of which:</i>							
Consumption for pumped-storage		179	269	283	241	225	248
Network losses		4 273	4 951	4 014	4 953	5 199	5 598
Final energy consumption		43 151	44 535	46 564	48 598	49 738	50 904
<i>of which:</i>							
Industry		13 547	13 762	14 130	14 156	13 987	14 419
<i>among which:</i>							
Iron&steel industry		975	1 101	1 416	1 550	1 506	1 683
Non-ferrous metals		3 861	3 898	3 929	3 752	4 237	4 615
Chemical industry		1 212	1 094	1 154	627	524	569
Non-met. mineral prod.		2 068	2 063	2 049	2 072	2 240	2 407
Food, drink, tobacco		1 210	1 231	1 285	1 875	1 899	1 896
Pulp, paper and print		512	491	473	576	584	543
Engineering & metal		790	785	808	1 052	720	691
Other industries		1 647	1 833	1 775	1 550	1 042	992
Transport		227	214	222	237	238	199
Services & households etc.		29 377	30 559	32 212	34 205	35 513	36 286
<i>among which:</i>							
Households		14 207	14 546	15 775	16 444	16 852	16 875


3.2 Electrical capacity, fuel inputs and heat

		ELLADA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	10 903	10 969	11 553	12 078	12 430	13 304
<i>by source:</i>							
Conventional thermal		7 605	7 623	8 188	8 628	8 861	9 708
<i>of which:</i>							
Steam		5 806	5 826	5 826	6 123	6 111	6 104
Gas turbine		323	375	434	466	481	523
Combined cycle		918	916	1 391	1 386	1 541	2 306
Internal combustion		558	506	537	632	728	775
Nuclear		-	-	-	-	-	-
Hydro		3 072	3 076	3 078	3 079	3 099	3 105
<i>among which:</i>							
Pumped storage		699	699	699	699	699	699
Wind		226	270	287	371	470	491
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		10 690	10 772	11 356	11 842	12 179	13 048
Autoproducers		213	218	218	237	257	257
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	11 614	11 654	12 216	11 911	12 152	12 403
<i>among which:</i>							
Hard coal		4	1	6	25	-	-
Lignite and peat		8 222	8 442	8 836	8 374	8 569	8 689
Petroleum products		2 036	1 868	1 937	1 958	1 911	2 053
Natural gas		1 280	1 265	1 348	1 484	1 599	1 605
Renewables		0	31	47	31	33	28
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	28	28	28	46	43	49
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		28	28	28	46	43	49
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		28	28	28	46	43	49
<i>among which: in households</i>							
		28	28	28	46	43	49

4.1 Crude oil and feedstocks

 eurostat	ELLADA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	279	191	189	137	133	100
Total imports	20 383	20 081	20 605	21 102	21 619	20 219
Total exports	-	-	387	1 105	812	918
Stock changes	-104	-150	-311	436	-1 042	786
Refinery intake	22 320	21 595	21 416	22 230	21 083	21 344
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	15 122	13 164	9 686	11 693	14 434	12 615
Near and Middle East	13 866	11 953	8 748	10 681	13 138	11 275
Africa	1 256	1 211	1 234	1 371	1 337	1 340
<i>by country of origin:</i>						
Algeria	65	-	-	-	-	-
Irak	1 841	1 303	927	253	255	113
Iran	6 204	5 382	2 693	4 244	6 592	5 348
Kazakhstan	-	6	56	-	-	48
Kuwait	-	-	-	-	-	-
Libya	1 191	1 211	938	989	1 240	1 283
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	23	56	57
Norway	-	-	-	-	-	-
Russia	4 249	5 736	9 078	7 654	5 822	6 036
Saudi Arabia	5 821	5 268	5 128	6 184	6 291	5 814
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	ELLADA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	22 231	21 483	21 319	22 113	20 991	21 240
<i>among which:</i>						
Motor spirit	3 758	3 770	3 802	3 653	3 629	4 058
Kerosene and jet fuel	2 116	1 803	1 731	1 649	1 749	1 778
Naphtha	1 036	881	795	1 037	960	678
Gas/diesel oil	5 647	5 452	5 624	6 053	5 369	5 653
Residual fuel oil	7 510	7 361	7 188	7 456	7 095	6 956
Total imports	3 255	3 397	4 200	4 751	5 800	6 001
Total exports	3 944	3 779	3 723	4 728	4 782	4 881
Bunkers	3 686	3 584	3 222	3 297	3 332	2 949
Stock changes	-242	263	-505	137	-66	-399
Gross inland consumption	-4 617	-3 703	-3 110	-3 050	-2 380	-2 228
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	196	19	136	89	110	29
United Kingdom	17	28	59	31	44	2
Norway	-	-	-	-	-	-
OPEC	491	464	358	523	641	1 519
Imports by product						
<i>among which:</i>						
Motor spirit	415	116	514	749	1 059	1 023
Kerosene and jet fuel	97	261	31	295	240	292
Gas/diesel oil	2 013	2 435	2 993	3 003	3 672	3 757
Residual fuel oil	174	169	36	184	171	264
Exports by product						
<i>among which:</i>						
Motor spirit	1 011	678	809	942	1 216	1 261
Kerosene and jet fuel	755	965	523	869	573	827
Gas/diesel oil	576	794	891	1 102	1 164	1 480
Residual fuel oil	220	255	564	649	748	604
Consumption						
Inputs to electricity plants	2 109	1 934	2 001	2 021	1 952	2 105
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	640	685	737	739	792	669
Final energy consumption	12 407	12 824	13 165	14 070	13 739	14 068
Industry						
<i>among which by product:</i>						
Gas/diesel oil	504	500	500	550	227	439
Residual fuel oil	882	830	847	778	801	667



in 1 000 t

ELLADA

2000 2001 2002 2003 2004 2005

Industry

among which by sector:

Iron&steel industry	51	52	53	54	25	5
Non-ferrous metals	272	272	277	279	269	211
Chemical industry	155	146	139	133	169	166
Non-met. mineral prod.	465	506	570	569	697	720
Food, drink, tobacco	290	272	270	291	216	155
Pulp, paper and print	113	98	97	98	59	55
Engineering & metal	35	34	34	30	26	27
Other industries	424	432	442	460	262	467

Transport

among which:

Motor spirit	3 230	3 336	3 493	3 650	3 730	3 888
Jet fuel	1 290	1 160	1 124	1 131	1 176	1 150
Diesel oil	2 193	2 280	2 295	2 441	2 406	2 423

Services & households etc.


among which:

Gas oil	3 253	3 510	3 718	4 311	4 001	4 161
Residual fuel oil	28	34	35	36	44	47


Stocks at end of period

Crude oil and feedstocks	1 535	1 685	1 996	1 560	2 602	1 816
Petroleum products	2 284	2 021	2 526	2 389	2 455	2 854


5. Natural gas

 eurostat	ELLADA					
	in TJ (GCV)					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	1 968	1 870	1 973	1 442	1 337	851
Total imports	78 551	77 680	81 622	93 138	101 125	108 495
Total exports	-	-	-	-	-	-
Stock changes	-1 224	-1 255	192	-319	1 220	141
Gross inland consumption	79 295	78 295	83 787	94 261	103 682	109 487
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	20 294	20 210	20 367	22 528	18 601	17 788
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	58 257	57 470	61 255	70 610	82 524	90 707
Consumption						
Inputs to electricity plants	59 553	58 848	62 699	69 017	74 390	74 679
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	1 552	1 461	1 624	1 479	1 706	1 437
Distribution losses	568	466	27	64	235	331
Non-energy use	5 636	2 754	3 369	5 750	6 106	5 959
Industry	11 341	13 672	14 376	15 281	17 336	19 801
<i>among which:</i>						
Iron&steel industry	2 572	2 956	3 069	2 751	3 057	3 252
Non-ferrous metals	1 830	1 651	1 858	2 407	2 510	2 946
Chemical industry	347	405	778	1 001	1 332	2 462
Non-met. mineral prod.	1 820	2 997	3 145	2 773	3 078	3 198
Food, drink, tobacco	2 925	2 441	2 520	3 191	3 818	5 074
Pulp, paper and print	561	891	1 151	1 289	1 445	1 245
Engineering & metal	46	162	55	66	95	75
Other industries	241	792	547	404	619	653
Transport	-	284	449	495	493	552
Services & households etc.	626	810	1 243	2 157	3 636	6 840
<i>among which:</i>						
Households	226	243	398	870	1 612	3 406
Services	400	567	845	1 287	2 024	3 434


6.1 Hard coal

 eurostat	ELLADA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	1 245	1 363	991	747	814	646
Total exports	59	49	8	60	22	13
Stock changes	-65	-86	-19	146	-16	-70
Gross inland consumption	1 121	1 228	964	833	776	563
Imports						
Imports by origin						
<i>among which:</i>						
Australia	110	141	-	-	-	-
Colombia	-	142	-	-	-	-
Russia	321	573	400	244	546	380
South Africa	447	40	305	-	-	132
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	6	2	10	39	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	1 115	1 226	952	791	772	560
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	69	141	160	160	147	131
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	1 046	1 085	792	631	625	429
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	2	3	4	3

6.2 Coal derivatives and peat

	ELLADA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	63 887	66 344	70 468	68 299	70 041	69 398
Brown coal briquettes	141	138	179	209	189	183
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	4	3	4	4	4
<i>among which:</i>						
Iron & steel industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	464	250	262	195	199	256
<i>among which:</i>						
Industry	381	172	262	195	195	224
Services & households	83	78	-	-	4	32
Brown coal briquettes	117	116	169	117	105	117
<i>among which:</i>						
Industry	79	80	105	107	97	113
Services & households	38	36	64	10	8	4
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

		ELLADA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	1 403	1 318	1 393	1 543	1 554	1 634
Hydro (excl. pumping)		318	180	241	410	402	431
Wind		39	65	56	88	96	109
Solar		99	100	99	99	101	102
Geothermal		2	2	1	1	1	1
Biomass		946	970	996	945	954	990
<i>among which:</i>							
Wood, wood-waste		945	938	948	909	917	957
Municipal solid waste		-	-	-	-	-	-
Biogas		1	33	48	36	38	33
Gross inland consumption		1 403	1 318	1 393	1 543	1 554	1 634
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		0	31	47	31	33	28
<i>among which:</i>							
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		0	31	47	31	33	28
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	1 046	1 042	1 050	1 014	1 023	1 066
<i>by sector:</i>							
Industry		241	236	246	202	207	244
Services & households etc.		805	806	804	812	816	822
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		946	939	949	915	921	962
<i>among which:</i>							
Wood, wood-waste		945	938	948	909	917	957
Municipal waste		-	-	-	-	-	-
Biogas		1	2	2	5	5	5
Geothermal		2	2	1	1	1	1
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	1	1
Hydro with installed capacity < 1 MW		26	40	58	76	91	106
Hydro with installed capacity > 1 & <10 MW		140	95	92	169	212	218
Hydro with installed capacity > 10 MW		3 527	1 962	2 650	4 521	4 369	4 693
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		1	79	126	105	123	122

eurostat		ELLADA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	1	1	1	1	1
Hydro with installed capacity < 1 MW		14	15	17	19	23	26
Hydro with installed capacity > 1 & <10 MW		42	45	45	50	59	63
Hydro with installed capacity > 10 MW		2 317	2 317	2 317	2 311	2 318	2 318
Wood, Wood-waste		35	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		1	22	22	22	24	24
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2 941	2 990	2 942	2 935	2 994	3 047


1. Energy economy

Key figures and energy indicators

		ESPAÑA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	31 189	32 919	31 594	32 812	32 605	30 126
Net energy imports		98 351	98 763	107 041	107 759	114 056	122 830
Net oil imports		69 866	71 552	73 275	73 704	75 527	78 279
Net gas imports		15 467	15 827	18 929	21 168	24 615	30 248
Gross inland energy consumption		122 698	126 247	129 887	134 003	140 452	143 486
Final energy consumption		79 422p	83 286p	85 405p	90 437p	94 311p	97 169p
Industry		25 474p	27 152p	28 101p	29 717p	30 660p	31 035p
Transport		32 858	34 243	34 882p	36 731	38 378	39 428p
Services and households etc.		21 090	21 891	22 422p	23 989	25 272	26 707p
Gross electricity generation	GWh	225 153	238 002	246 079	262 860	280 007	294 077
Final electricity consumption		188 459	200 953	206 535	219 988	230 669	242 222p
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	558 225	578 589	594 235	612 334	632 192	654 514
Population	1000 per.	40 050	40 477	40 964	41 664	42 345	43 038
Industry added value	Mio EUR	153 513	160 672	163 329	167 252	170 447	174 044
Total imports (current prices)	Mio EUR	182 191	190 412	197 532	209 838	230 063	246 080
among which:							
All energy commodities		20 377	19 306	18 905	19 113	23 305	32 635
Oil products		16 184	14 669	14 164	14 583	18 067	25 034
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	219.8	218.2	218.6	218.8	222.2	219.2
Final energy consumption / GDP(95)		142.3	143.9	143.7	147.7	149.2	148.5
Energy intensity of industry:							
Final consumption / gross value-added mp		165.9	169.0	172.1	177.7	179.9	178.3
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.3	20.6	20.7	20.1	20.3	21.6
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 064	3 119	3 171	3 216	3 317	3 334
Final energy consumption / capita		1 983	2 058	2 085	2 171	2 227	2 258
Household consumption / capita		296	308	312	330	339	352
Final electricity consumption / capita	kWh/cap.	4 706	4 965	5 042	5 280	5 447	5 628
Energy dependency							
Net energy imports / Gross consumption	in %	76.5	74.3	78.3	76.5	77.3	81.2
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.7	66.0	65.8	67.5	67.1	67.7
Efficiency of thermal power stations		41.4	42.5	42.6	44.1	44.1	46.7


2. Energy balance

Principal aggregates by product


 eurostat	ESPANA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	31 189	32 919	31 594	32 812	32 605	30 126
among which:						
Hard coal	6 544	6 148	5 756	5 368	5 135	5 086
Lignite and peat	1 197	1 210	1 693	1 607	1 318	1 178
Crude oil	225	336	315	319	252	165
Natural Gas	148	471	467	197	310	144
Nuclear heat	16 046	16 434	16 255	15 961	16 407	14 842
Hydro-electricity	2 534	3 527	1 981	3 530	2 713	1 681
Biomass	4 049	4 149	4 328	4 736	5 055	5 129
Imports						
Total	106 789	105 996	114 084	115 784	123 600	132 507
among which:						
Hard coal	13 049	11 412	14 665	13 140	14 730	14 741
Crude oil and feedstocks	58 393	57 486	57 457	57 423	58 836	59 850
Petroleum products	18 731	20 298	21 815	23 086	24 605	26 697
Natural Gas	15 467	15 827	18 929	21 168	24 615	30 248
Electricity	1 055	875	1 075	819	697	878
Exports						
Total	8 438	7 233	7 043	8 025	9 543	9 677
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	7 258	6 232	5 998	6 805	7 915	8 268
Natural gas	-	-	-	-	-	-
Electricity	673	578	617	710	958	994
Gross inland consumption						
Total	122 698	126 247	129 887	134 003	140 452	143 486
among which:						
Solid fuels	20 643	18 456	21 686	20 164	21 096	20 698
Crude oil and petrol. prod.	63 223	66 184	65 628	67 056	68 854	69 507
Natural gas	15 219	16 400	18 751	21 353	25 172	29 844
Nuclear Energy	16 046	16 434	16 255	15 961	16 407	14 842
Renewables	7 029	8 321	7 108	9 361	9 184	8 710
Transformation input						
Total	105 586	102 033	107 397p	105 064	111 514	113 842
among which:						
Crude oil and feedstocks	60 048	58 020	58 264	57 633	59 436	60 507
Petroleum products	4 602	5 096	5 701p	4 932	5 203	5 308
Hard coal	19 210	16 504	19 523	18 148	19 135	19 044
Lignite and peat	1 451	1 503	1 544	1 391	1 561	1 178
Renewables	619	707	764	937	1 365	1 389
Transformation output						
Total	78 427p	76 415p	78 643p	77 499p	81 506p	84 153p
among which:						
Electricity	16 217	16 092	18 139	17 786	19 769	21 475
Heat	74p	0p	0p	0p	0p	0p

eurostat	ESPANA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	79 422p	83 286p	85 405p	90 437p	94 311p	97 169p
<i>among which:</i> Solid fuels	1 671	1 797	1 801	1 833	1 870	1 782
Petroleum products	45 773	47 231	48 146p	50 144	52 084	52 764
Natural Gas	11 819	13 009	13 697	15 322	16 372	17 653p
Renewables	3 465	3 483	3 609	3 849	3 755	3 805
Electricity	16 205	17 279	17 759	18 916	19 834	20 827p
Final energy consumption by sector						
Industry						
Total	25 474p	27 152p	28 101p	29 717p	30 660p	31 035p
<i>among which:</i> Solid fuels	1 607	1 741	1 734	1 751	1 702	1 593
Petroleum Products	5 647	5 887	6 323p	6 024	6 164	5 459
Natural Gas	9 151	9 993	10 349	11 626	12 348	13 286p
Renewables	1 302	1 314	1 346	1 521	1 358	1 370
Electricity	7 364	7 762	7 987	8 456	8 730	9 031p
Transport						
Total	32 858	34 243	34 882p	36 731	38 378	39 428p
<i>among which:</i> Motor spirit	8 969	8 924	8 638p	8 461	8 117	7 640
Diesel oil	18 676	20 039	21 051p	22 762	24 293	25 614
Jet fuel	4 486	4 526	4 294p	4 506	4 996	5 323
Electricity	358	392	412	441	450	461p
Services&households						
Total	21 090	21 891	22 422p	23 989	25 272	26 707p
<i>among which:</i> Solid fuels	64	55	67	82	167	189
Gas oil	5 099	5 139	5 039p	5 599	5 820	6 363
Natural Gas	2 658	3 005	3 347	3 696	4 024	4 367p
Renewables	2 098	2 103	2 111	2 119	2 169	2 176
Electricity	8 483	9 125	9 360	10 019	10 654	11 335p
Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	ESPANA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	225 153	238 002	246 079	262 860	280 007	294 077
<i>among which:</i>						
Hydro	31 807	43 858	26 388	43 897	34 439	23 023
Wind	4 724	6 966	8 704	12 075	15 601	21 219
Geothermal	-	-	-	-	-	-
Nuclear	62 206	63 708	63 016	61 875	63 606	57 539
Conventional thermal	126 398	123 446	147 941	144 972	166 305	192 218
<i>of which:</i>						
Hard coal	72 886	64 006	74 627	68 817	73 114	73 636
Lignite and peat	6 210	6 419	6 555	5 905	5 991	5 417
Petroleum products	22 640	24 596	28 593	24 002	23 839	24 420
Natural gas	21 074	23 272	32 386	39 368	55 460	79 011
Derived gases	1 386	1 392	1 275	1 233	1 217	1 464
Biomass	1 824	1 964	2 970	4 265	4 133	3 114
Industrial wastes	378	1 797	1 535	1 382	2 551	5 156
Total net generation	215 203	228 173	235 315	252 258	268 687	282 054
Imports and exports						
Total imports	12 268	10 177	12 504	9 520	8 111	10 212
Total exports	7 827	6 727	7 175	8 257	11 139	11 555
Consumption and losses						
Consumption of the energy branch	18 752	17 443	20 696	18 764	19 355	21 082p
<i>of which:</i>						
Consumption for pumped-storage	2 570	1 294	3 606	1 835	1 720	2 890p
Network losses	20 041	20 208	20 827	22 527	24 070	25 960p
Final energy consumption	188 459	200 953	206 535	219 988	230 669	242 222p
<i>of which:</i>						
Industry	85 640	90 267	92 890	98 345	101 525	105 036p
<i>among which:</i>						
Iron&steel industry	14 732	15 921	16 228	17 157	17 210	18 370p
Non-ferrous metals	9 291	10 226	10 484	10 884	11 572	10 271p
Chemical industry	12 800	12 368	12 111	12 646	13 172	13 379p
Non-met. mineral prod.	9 613	10 939	11 026	12 059	12 256	13 298p
Food, drink, tobacco	8 973	8 641	9 183	10 051	10 641	11 512p
Pulp, paper and print	3 769	6 676	6 898	7 307	7 663	7 873p
Engineering & metal	9 668	10 167	10 489	10 940	11 331	11 737p
Other industries	11 295	9 209	10 114	11 332	11 725	12 747p
Transport	4 163	4 558	4 794	5 124	5 235	5 363p
Services & households etc.	98 656	106 128	108 851	116 519	123 909	131 823p
<i>among which:</i>						
Households	43 619	49 685	50 636	54 235	58 046	63 823p


3.2 Electrical capacity, fuel inputs and heat

		ESPANA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	53 980	55 695	60 195	69 168	69 489	69 590p
<i>by source:</i>							
Conventional thermal		26 243	26 915	29 941	37 310	35 477	35 477p
<i>of which:</i>							
Steam		21 098	21 770	21 343	27 163	29 705p	29 705p
Gas turbine		1 535	1 535	1 755	2 010	1 800p	1 800p
Combined cycle		1 181	1 181	4 109	5 052	5 500p	5 500p
Internal combustion		2 429	2 429	2 734	3 085	3 500p	3 500p
Nuclear		7 503	7 519	7 577	7 581	7 577	7 577p
Hydro		17 960	18 017	17 879	18 043	18 118	18 219
<i>among which:</i>							
Pumped storage		5 288	5 288	2 518	5 361	5 347	5 347
Wind		2 274	3 244	4 798	6 234	8 317	8 317
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		48 801	50 411	54 271	62 425	62 201p	62 201p
Autoproducers		4 740	5 109	5 924	6 481	6 481p	6 481p
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	26 461	24 972	29 849p	28 261	32 427	35 416
<i>among which:</i>							
Hard coal		16 798	14 436	17 007	15 444	16 339	16 463
Lignite and peat		1 451	1 503	1 544	1 391	1 561	1 178
Petroleum products		4 442	5 074	5 679p	4 847	5 181	5 246
Natural gas		2 685	2 810	4 501	5 327	7 701	10 798
Renewables		619	707	764	937	1 365	1 389
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	74p	0p	0p	0p	0p	0p
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		74p	0p	0p	0p	0p	0p
<i>of which: in industry</i>							
		74p	0p	0p	0p	0p	0p
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks

 eurostat	ESPANA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	227	338	316	322	255	166
Total imports	58 782	57 833	57 694	57 998	59 452	60 243
Total exports	-	-	-	-	-	-
Stock changes	-791	224	-374	-611	174	-98
Refinery intake	60 404	58 349	58 489	58 203	60 060	60 889
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	35 607	22 400	29 634	29 181	31 366	30 649
Near and Middle East	17 157	14 248	13 523	13 107	16 143	14 716
Africa	22 804	23 636	18 636	21 923	21 036	21 411
<i>by country of origin:</i>						
Algeria	1 476	1 571	1 058	1 502	2 009	2 082
Irak	5 995	2 568	2 352	1 528	5 150	2 912
Iran	3 880	4 098	3 272	4 264	3 469	4 929
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	6 901	7 205	6 469	7 621	7 179	6 176
Mexico	7 622	7 735	7 786	7 265	7 717	9 006
Nigeria	9 165	8 678	5 278	6 456	6 238	7 127
Norway	249	420	910	2 553	3 494	2 954
Russia	5 159	5 225	7 943	9 883	8 819	8 548
Saudi Arabia	6 628	6 291	6 750	6 994	6 867	6 331
Syria	654	1 291	1 149	321	657	544
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	ESPANA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	59 830	57 806	57 931	57 640	59 483	60 310
<i>among which:</i>						
Motor spirit	9 616	9 272	8 871	9 059	10 434	10 152
Kerosene and jet fuel	4 118	4 002	3 830	4 793	6 682	6 680
Naphtha	3 358	3 076	3 000	1 917	521	530
Gas/diesel oil	20 066	20 177	20 820	21 631	21 563	23 457
Residual fuel oil	13 080	11 784	12 122	10 130	9 125	9 019
Total imports	19 557	21 194	22 645	23 988	25 441	27 533
Total exports	7 367	6 223	5 926	6 802	7 970	8 258
Bunkers	6 150	6 884	7 059	7 191	7 419	8 142
Stock changes	-150	712	-805	610	46	-1 020
Gross inland consumption	5 890	8 799	8 855	10 605	10 098	10 113
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	473	493	926	766	1 189	1 197
United Kingdom	972	996	1 495	2 112	2 152	1 648
Norway	193	123	350	166	233	139
OPEC	5 667	4 042	4 552	4 221	4 006	4 264
Imports by product						
<i>among which:</i>						
Motor spirit	938	933	967	982	748	753
Kerosene and jet fuel	550	815	821	860	943	1 328
Gas/diesel oil	7 244	8 055	9 342	10 800	11 830	13 217
Residual fuel oil	2 756	3 297	3 718	3 499	3 940	4 162
Exports by product						
<i>among which:</i>						
Motor spirit	2 374	2 291	2 174	1 888	2 588	2 866
Kerosene and jet fuel	180	134	247	349	166	120
Gas/diesel oil	848	572	783	747	656	822
Residual fuel oil	1 054	876	328	992	1 431	1 461
Consumption						
Inputs to electricity plants	4 631	5 266	5 900p	5 036	5 423	5 538
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	9 092	9 372	8 667p	9 045	8 770	8 164
Final energy consumption	45 629	47 170	48 192p	50 069	52 056	52 613
Industry						
<i>among which by product:</i>						
Gas/diesel oil	1 136	1 208	1 184p	1 318	1 369	1 700
Residual fuel oil	1 743	1 649	1 873p	1 735	1 568	710



in 1 000 t

ESPANA

2000 2001 2002 2003 2004 2005

Industry

among which by sector:

Iron&steel industry	538	540	525p	533	565	490
Non-ferrous metals	152	145	159p	151	145	91
Chemical industry	767	770	785p	731	771	619
Non-met. mineral prod.	2 903	3 217	2 970p	3 165	3 429	3 138
Food, drink, tobacco	599	612	653p	661	644	543
Pulp, paper and print	301	285	315p	289	280	192
Engineering & metal	451	438	438p	458	465	399
Other industries	427	458	480p	576	482	484

Transport

among which:

Motor spirit	8 534	8 492	8 219p	8 051	7 724	7 270
Jet fuel	4 368	4 407	4 181p	4 387	4 864	5 183
Diesel oil	18 485	19 834	20 836p	22 530	24 045	25 352

Services & households etc.


among which:

Gas oil	5 047	5 087	4 988p	5 542	5 761	6 298
Residual fuel oil	440	419	463p	474	389	270


Stocks at end of period

Crude oil and feedstocks	5 240	1 000	6 159	6 770	6 596	6 694
Petroleum products	10 634	9 922	10 727	10 117	10 071	11 091


5. Natural gas

 eurostat	ESPANA						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		6 883	21 904	21 718	9 149	14 398	6 694
Total imports		719 516	736 262	880 596	984 756	1 145 112	1 407 156
Total exports		-	-	-	-	-	-
Stock changes		-18 407	4 758	-30 009	-565	11 478	-25 505
Gross inland consumption		707 992	762 924	872 305	993 340	1 170 988	1 388 345
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		433 743	406 272	514 858	565 396	587 007	609 182
Egypt		-	-	-	-	-	142 389
Libya		33 442	33 216	25 536	30 390	27 959	38 316
Nigeria		78 541	101 539	67 260	166 592	202 713	220 643
Norway		96 681	96 586	95 133	97 848	93 200	89 018
Oman		-	40 509	45 336	23 221	53 316	71 379
Qatar		12 443	27 463	87 952	80 414	160 170	195 713
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		124 891	130 702	209 401	247 807	358 255	502 323
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		837	-	-	-	-	-
Distribution losses		10 367	5 116	5 037	6 287	7 368	8 798
Non-energy use		22 070	21 915	20 704	21 914	20 477	22 320p
Industry		425 685	464 895	481 431	540 839	574 421	618 073p
<i>among which:</i>							
Iron&steel industry		39 028	55 615	49 062	57 588	71 667	52 002p
Non-ferrous metals		7 546	12 818	21 877	15 365	18 989	6 786p
Chemical industry		84 434	73 457	90 456	87 115	109 789	127 530p
Non-met. mineral prod.		131 954	152 103	122 969	166 947	143 590	172 060p
Food, drink, tobacco		43 269	53 248	65 166	60 398	59 146	48 726p
Pulp, paper and print		47 866	28 171	39 148	60 188	44 584	54 078p
Engineering & metal		32 298	47 539	36 940	48 831	49 075	38 688p
Other industries		4 407	19 558	30 365	21 596	55 329	90 845p
Transport		483	500	32	-	-	-
Services & households etc.		123 659	139 796	155 701	171 938	187 196	203 153p
<i>among which:</i>							
Households		91 748	104 156	116 871	136 792	140 062	147 041p
Services		27 658	33 838	36 471	15 230	14 221	38 500


6.1 Hard coal


 eurostat	ESPANA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	14 947	13 960	13 308	12 583	12 334	11 894
Total imports	21 649	18 916	24 514	21 552	24 473	24 756
Total exports	-	22	17	-	-	-
Stock changes	655	115	-302	751	828	284
Gross inland consumption	37 251	32 969	37 503	34 886	37 635	36 934
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 015	3 498	3 721	3 805	3 263	3 115
Colombia	1 112	395	1 622	1 478	972	1 938
Russia	1 568	1 759	2 368	1 926	3 285	4 235
South Africa	9 180	7 147	10 765	8 835	10 195	8 707
USA	2 497	1 884	1 904	1 479	2 007	1 500
Consumption						
Inputs to electricity plants	32 427	27 745	32 402	29 793	31 864	31 678
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	104	35	62	60	60	-
Industry						
<i>among which:</i>						
Iron&steel industry	681	764	689	542	649	717
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	60	265	268	262	260	248
Non-met. mineral prod.	222	298	243	209	148	175
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	250	100	100	100	100	100
Services & households etc.	116	101	120	150	270	300

6.2 Coal derivatives and peat

	ESPANA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	2 470	2 648	2 627	2 494	2 839	2 662
Patent Fuel	-	-	-	-	-	-
Lignite and peat	8 524	8 718	8 726	7 979	8 147	7 587
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	19 864	22 529	22 258	22 368	21 857	21 110
Blast-furnace gas	19 215	21 671	20 583	17 562	17 845	18 172
Gasworks gas	3 983	1 553	1 520	1 599	1 779	1 931
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	1 249	1 250	1 356	1 409	1 317	1 109
<i>among which:</i>						
Iron & steel industry	1 099	1 034	1 123	1 050	1 120	967
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	3 733	7 105	7 057	7 308	7 935	5 483
Blast-furnace gas	6 521	8 727	8 288	7 118	7 350	6 947
Gasworks gas	3 983	1 553	1 520	1 599	1 779	1 931
Inputs to electricity plants	17 027	15 909	15 269	13 703	12 048	14 915
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	11 493	10 918	10 713	10 819	10 836	10 894
Consumption in industry	10 254	15 832	15 345	14 426	15 285	12 430

7. Renewable energy sources

		ESPANA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	7 029	8 321	7 108	9 361	9 184	8 710
Hydro (excl. pumping)		2 534	3 527	1 981	3 530	2 713	1 681
Wind		406	599	748	1 038	1 341	1 825
Solar		33	38	43	48	66	68
Geothermal		8	8	8	8	8	8
Biomass		4 049	4 149	4 328	4 736	5 055	5 129
	<i>among which:</i>						
Wood, wood-waste		3 623	3 671	3 812	4 044	4 137	4 176
Municipal solid waste		229	279	195	227	377	377
Biogas		131	134	170	257	312	317
Gross inland consumption		7 029	8 321	7 108	9 361	9 184	8 710
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		619	707	764	937	1 365	1 389
	<i>among which:</i>						
Wood, wood-waste		284	319	428	482	709	732
Municipal waste		229	279	195	227	377	377
Biogas		106	109	141	228	279	280
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	3 465	3 483	3 609	3 849	3 755	3 805
	<i>by sector:</i>						
Industry		1 302	1 314	1 346	1 521	1 358	1 370
Services & households etc.		2 098	2 103	2 111	2 119	2 169	2 176
Transport		65	65	152	209	228	259
	<i>by source:</i>						
Biomass		3 427	3 439	3 561	3 797	3 686	3 736
	<i>among which:</i>						
Wood, wood-waste		3 337	3 349	3 380	3 559	3 424	3 441
Municipal waste		-	-	-	-	-	-
Biogas		25	25	29	29	34	36
Geothermal		8	8	8	8	8	8
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		18	24	30	41	56	78
Hydro with installed capacity < 1 MW		479	496	414	647	507	400
Hydro with installed capacity > 1 & <10 MW		3 957	4 418	3 614	4 699	4 536	3 577
Hydro with installed capacity > 10 MW		21 929	36 113	16 184	30 540	22 150	16 113
Wood, Wood-waste		841	969	1 831	2 116	2 214	1 596
Municipal waste		667	667	667	1 392	1 096	898
Biogas		316	328	472	758	825	620

		ESPANA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		12	16	20	27	37	37
Hydro with installed capacity < 1 MW		228	235	238	244	252	252
Hydro with installed capacity > 1 & <10 MW		1 339	1 383	1 414	1 445	1 536	1 536
Hydro with installed capacity > 10 MW		11 105	11 126	11 126	11 053	11 084	11 084
Wood, Wood-waste		150	167	285	331	344	344
Municipal waste		94	94	94	163	189	189
Biogas		50	51	73	125	141	141
Liquid biofuels							
Production	<i>1000 t</i>	80	80	187	257	306	339
Solar Panels							
Solar panel surface	<i>1000 m²</i>	403	455	515	610	797	797


1. Energy economy

Key figures and energy indicators

eurostat		FRANCE					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	131 086	132 185	133 707	134 826	135 488	135 232
Net energy imports		133 463	135 914	136 833	137 988	140 550	143 600
Net oil imports		90 452	95 648	93 948	94 232	94 139	94 460
Net gas imports		35 778	34 952	36 741	37 535	38 669	40 720
Gross inland energy consumption		258 985	266 750	266 786	270 566	274 397	275 438
Final energy consumption		152 077	158 087	154 000	157 592	158 782	158 156
Industry		36 579	39 143	37 491	38 194	37 504	37 421
Transport		51 599	51 787	51 731	51 263	50 141	49 755
Services and households etc.		63 899	67 156	64 779	68 135	71 137	70 980
Gross electricity generation	GWh	541 188	550 241	559 441	566 959	573 786	575 365
Final electricity consumption		384 903	395 776	393 489	408 248	419 636	422 523
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	1 379 230	1 404 808	1 419 239	1 434 672	1 470 112	1 495 265
Population	1000 per.	60 513	60 915	61 326	61 735	62 130	62 519
Industry added value	Mio EUR	305 318	312 622	313 165	317 263	323 308	328 764
Total imports (current prices)	Mio EUR	392 078	400 637	407 458	412 140	441 400	463 546
among which:							
All energy commodities		32 629	31 488	29 398	31 081	37 813	51 894
Oil products		25 910	23 541	21 865	22 726	28 285	40 203
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	187.8	189.9	188.0	188.6	186.7	184.2
Final energy consumption / GDP(95)		110.3	112.5	108.5	109.8	108.0	105.8
Energy intensity of industry:							
Final consumption / gross value-added mp		119.8	125.2	119.7	120.4	116.0	113.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.9	21.9	20.7	22.8	23.3	23.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 280	4 379	4 350	4 383	4 416	4 406
Final energy consumption / capita		2 513	2 595	2 511	2 553	2 556	2 530
Household consumption / capita		700	728	700	716	737	726
Final electricity consumption / capita	kWh/cap.	6 361	6 497	6 416	6 613	6 754	6 758
Energy dependency							
Net energy imports / Gross consumption	in %	50.9	50.4	50.8	50.5	50.7	51.6
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	58.7	59.3	57.7	58.2	57.9	57.4
Efficiency of thermal power stations		35.1	34.9	35.2	36.0	35.9	35.5


2. Energy balance

Principal aggregates by product


 eurostat	FRANCE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	131 086	132 185	133 707	134 826	135 488	135 232
among which:						
Hard coal	1 898	1 182	889	1 037	99	-
Lignite and peat	123	135	62	4	-	-
Crude oil	1 675	1 646	1 330	1 417	1 374	1 236
Natural Gas	1 505	1 510	1 450	1 282	1 108	828
Nuclear heat	107 093	108 618	112 664	113 776	115 625	116 474
Hydro-electricity	5 822	6 464	5 257	5 133	5 188	4 491
Biomass	12 087	12 333	11 734	11 997	11 893	11 967
Imports						
Total	163 436	163 161	163 932	168 076	172 289	178 257
among which:						
Hard coal	12 693	10 674	12 133	11 214	12 806	12 993
Crude oil and feedstocks	86 186	87 113	80 835	86 209	85 744	84 783
Petroleum products	26 713	28 239	32 167	30 517	32 301	37 026
Natural Gas	36 459	35 751	37 495	38 436	39 928	41 624
Electricity	318	384	319	598	565	691
Exports						
Total	29 974	27 246	27 099	30 088	31 740	34 657
among which:						
Crude oil and feedstocks	1 811	-	-	63	102	76
Petroleum products	20 635	19 704	19 055	22 431	23 804	27 273
Natural gas	681	799	754	901	1 259	903
Electricity	6 292	6 265	6 942	6 309	5 880	5 875
Gross inland consumption						
Total	258 985	266 750	266 786	270 566	274 397	275 438
among which:						
Solid fuels	15 240	12 532	13 773	13 933	13 902	14 428
Crude oil and petrol. prod.	88 790	94 988	92 364	91 981	92 810	92 086
Natural gas	35 766	37 548	37 484	39 318	40 148	40 996
Nuclear Energy	107 093	108 618	112 664	113 776	115 625	116 474
Renewables	18 070	18 944	17 125	17 269	17 226	16 640
Transformation input						
Total	217 286	219 209	218 319	223 634	225 839	226 261
among which:						
Crude oil and feedstocks	90 084	91 831	85 705	89 429	89 846	87 693
Petroleum products	1 342	996	920	1 237	1 219	1 696
Hard coal	11 030	9 223	9 724	10 132	9 971	10 682
Lignite and peat	117	115	70	-	-	-
Renewables	1 877	1 894	1 980	1 937	1 928	1 912
Transformation output						
Total	133 065	137 824	133 007	137 257	138 066	136 685
among which:						
Electricity	40 302	40 482	42 365	43 136	43 649	44 492
Heat	-	-	-	-	-	-

eurostat	FRANCE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	152 077	158 087	154 000	157 592	158 782	158 156
<i>among which:</i> Solid fuels	5 775	5 211	5 010	4 917	4 879	4 685
Petroleum products	71 964	76 429	73 674	74 249	73 987	73 086
Natural Gas	29 826	30 842	30 556	32 160	32 758	32 885
Renewables	10 364	10 575	9 865	10 164	10 058	10 152
Electricity	33 096	34 031	33 834	35 103	36 082	36 330
Final energy consumption by sector						
Industry						
Total	36 579	39 143	37 491	38 194	37 504	37 421
<i>among which:</i> Solid fuels	5 154	4 603	4 585	4 498	4 471	4 326
Petroleum Products	4 991	7 616	6 090	6 349	6 634	6 658
Natural Gas	12 348	12 954	12 863	13 386	12 149	12 386
Renewables	1 453	1 392	1 425	1 453	1 481	1 521
Electricity	11 578	11 579	11 466	11 508	11 752	11 513
Transport						
Total	51 599	51 787	51 731	51 263	50 141	49 755
<i>among which:</i> Motor spirit	14 631	14 110	13 619	12 757	12 038	11 274
Diesel oil	28 679	29 480	30 019	30 435	30 264	30 508
Jet fuel	6 683	6 613	6 505	6 490	6 234	6 291
Electricity	1 004	1 005	1 030	1 037	1 067	1 050
Services&households						
Total	63 899	67 156	64 779	68 135	71 137	70 980
<i>among which:</i> Solid fuels	621	608	425	420	408	360
Gas oil	13 216	15 297	14 249	14 748	15 073	14 704
Natural Gas	17 476	17 865	17 666	18 736	20 566	20 452
Renewables	8 582	8 857	8 116	8 386	8 248	8 198
Electricity	20 513	21 447	21 338	22 558	23 263	23 768
Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	FRANCE					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	541 188	550 241	559 441	566 959	573 786	575 365
<i>among which:</i>						
Hydro	72 390	79 302	66 454	64 872	65 528	56 938
Wind	77	131	269	391	596	959
Geothermal	-	-	-	-	-	-
Nuclear	415 162	421 076	436 760	441 070	448 241	451 529
Conventional thermal	53 553	49 725	55 950	60 616	59 408	65 924
<i>of which:</i>						
Hard coal	27 003	20 478	23 659	26 260	24 372	27 598
Lignite and peat	409	401	245	-	-	-
Petroleum products	7 165	5 958	5 767	7 096	6 528	7 227
Natural gas	11 386	15 440	18 342	19 363	20 615	22 961
Derived gases	3 856	3 423	3 333	3 006	2 863	3 043
Biomass	3 734	4 025	4 604	4 880	5 020	5 081
Industrial wastes	-	-	-	11	10	14
Total net generation	517 051	526 556	535 257	542 315	549 064	549 368
Imports and exports						
Total imports	3 695	4 471	3 705	6 959	6 571	8 035
Total exports	73 174	72 861	80 739	73 373	68 381	68 331
Consumption and losses						
Consumption of the energy branch	51 307	50 908	52 454	55 364	55 402	56 001
<i>of which:</i>						
Consumption for pumped-storage	1 924	1 697	2 177	2 127	2 133	1 935
Network losses	30 411	30 638	30 898	31 749	31 734	31 825
Final energy consumption	384 903	395 776	393 489	408 248	419 636	422 523
<i>of which:</i>						
Industry	134 656	134 660	133 350	133 840	136 677	133 894
<i>among which:</i>						
Iron&steel industry	17 152	16 714	16 162	15 561	16 513	15 747
Non-ferrous metals	9 701	10 080	10 211	9 919	10 174	9 811
Chemical industry	25 735	25 106	24 738	23 566	21 621	23 869
Non-met. mineral prod.	8 124	8 374	8 550	8 582	8 945	8 755
Food, drink, tobacco	17 700	18 444	18 931	19 595	19 245	19 561
Pulp, paper and print	13 693	13 337	13 617	13 288	13 368	13 490
Engineering & metal	23 487	22 995	22 851	22 197	22 296	21 885
Other industries	13 548	14 395	13 373	16 522	19 988	16 553
Transport	11 681	11 686	11 982	12 055	12 407	12 211
Services & households etc.	238 566	249 430	248 157	262 353	270 552	276 418
<i>among which:</i>						
Households	128 720	133 887	132 998	141 554	147 737	149 810


3.2 Electrical capacity, fuel inputs and heat


		FRANCE					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	114 434	115 660	116 613	116 500	116 768	116 723
<i>by source:</i>							
Conventional thermal		26 071	27 246	27 902	27 715	27 755	27 350
<i>of which:</i>							
Steam		24 146	24 490	24 545	24 907	24 907p	24 907p
Gas turbine		2 100	2 152	2 162	1 977	1 977p	1 977p
Combined cycle		-	-	-	-	-	-
Internal combustion		553	568	571	503	503p	503p
Nuclear		63 183	63 183	63 273	63 363	63 363	63 363
Hydro		25 124	25 149	25 306	25 201	25 287	25 287
<i>among which:</i>							
Pumped storage		4 302	4 302	4 302	4 303	4 303	4 303
Wind		56	82	132	221	363	723
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		109 273	110 212	110 963	110 849	111 149	111 299
Autoproducers		5 407	5 696	5 899	5 903	5 873	5 680
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	13 129	12 266	13 660	14 482	14 229	15 985
<i>among which:</i>							
Hard coal		6 114	4 524	5 392	6 047	5 672	6 402
Lignite and peat		117	115	70	-	-	-
Petroleum products		1 272	975	844	1 184	1 170	1 653
Natural gas		3 000	4 201	4 785	4 802	4 932	5 463
Renewables		1 565	1 590	1 690	1 641	1 659	1 640
Heating plants		312	304	290	297	268	273
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		312	304	290	297	268	273
Heat production and consumption							
Total heat production	TJ	-	-	-	-	-	-
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		-	-	-	-	-	-
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks


 eurostat	FRANCE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	1 666	1 632	1 317	1 405	1 364	1 227
Total imports	85 698	86 362	80 058	85 465	85 129	84 175
Total exports	1 784	-	-	62	100	75
Stock changes	-427	-312	106	-1 173	19	189
Refinery intake	89 536	91 012	84 860	88 641	89 182	87 050
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	39 827	34 221	30 015	34 947	34 895	33 972
Near and Middle East	31 608	24 836	22 958	21 075	21 504	19 949
Africa	13 798	18 658	16 032	18 706	16 589	19 046
<i>by country of origin:</i>						
Algeria	3 440	4 266	3 639	5 879	6 018	5 360
Irak	7 219	5 366	4 425	800	1 521	1 441
Iran	5 176	3 631	3 839	5 821	6 374	6 857
Kazakhstan	2 090	1 454	3 053	4 003	6 087	8 550
Kuwait	1 374	1 110	1 621	2 113	1 687	2 413
Libya	2 441	2 988	1 627	3 623	4 098	4 498
Mexico	-	37	110	155	65	-
Nigeria	4 844	5 260	4 296	5 323	2 645	2 848
Norway	21 141	19 371	16 226	16 189	15 599	16 095
Russia	5 023	8 468	10 456	12 935	12 697	9 594
Saudi Arabia	15 226	11 345	10 568	11 245	12 552	10 312
Syria	2 506	3 008	2 505	1 096	1 057	1 218
United Arab Emirates	6	255	-	-	-	121

4.2 Petroleum products


 eurostat	FRANCE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	85 863	90 683	84 309	87 901	88 406	86 293
<i>among which:</i>						
Motor spirit	15 487	18 273	17 026	16 946	16 936	16 315
Kerosene and jet fuel	6 112	6 162	5 307	5 245	5 692	5 553
Naphtha	5 776	5 695	5 458	6 000	5 682	5 384
Gas/diesel oil	33 428	35 132	33 301	35 283	34 421	33 590
Residual fuel oil	11 068	11 291	10 626	10 919	11 887	11 823
Total imports	26 715	28 281	32 073	30 550	32 500	37 135
Total exports	20 676	19 686	19 172	22 477	23 858	27 252
Bunkers	3 085	2 767	2 692	2 902	3 103	2 837
Stock changes	-1 145	90	-1 103	-340	-134	-1 288
Gross inland consumption	2 587	6 149	9 356	4 921	5 507	5 845
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2 854	1 993	2 966	1 576	2 557	2 996
United Kingdom	3 399	2 271	3 533	3 202	2 584	3 015
Norway	594	523	433	348	428	653
OPEC	3 832	4 314	4 356	3 548	3 226	4 377
Imports by product						
<i>among which:</i>						
Motor spirit	2 489	1 715	1 744	1 082	200	1 264
Kerosene and jet fuel	2 228	2 551	2 734	2 643	2 694	3 198
Gas/diesel oil	10 875	14 087	16 076	16 778	16 865	19 830
Residual fuel oil	4 123	2 845	3 292	2 364	3 767	3 860
Exports by product						
<i>among which:</i>						
Motor spirit	5 314	4 751	4 439	5 029	7 174	7 743
Kerosene and jet fuel	1 207	1 231	903	894	902	1 287
Gas/diesel oil	2 430	1 993	1 960	2 106	1 746	3 642
Residual fuel oil	5 382	5 699	5 693	7 084	7 998	7 914
Consumption						
Inputs to electricity plants	1 330	1 030	887	1 271	1 266	1 802
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	13 415	12 597	11 952	12 224	12 551	12 410
Final energy consumption	70 851	75 564	72 674	73 064	72 860	71 963
Industry						
<i>among which by product:</i>						
Gas/diesel oil	1 236	1 318	1 202	1 141	1 479	1 492
Residual fuel oil	1 741	1 885	1 845	1 691	1 730	1 543

 eurostat	FRANCE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	146p	193	129	25	17	14
Non-ferrous metals	322p	76	60	64	65	71
Chemical industry	1 169p	3 119	1 998	2 378	2 235	2 504
Non-met. mineral prod.	1 412p	1 738	1 706	1 578	1 680	1 577
Food, drink, tobacco	638p	756	792	668	618	480
Pulp, paper and print	259p	210	207	202	185	136
Engineering & metal	321p	279	242	262	263	354
Other industries	976p	1 444	1 227	1 288	1 616	1 569
Transport	49 067	49 254	49 193	48 748	47 631	47 188
<i>among which:</i>						
Motor spirit	13 922	13 426	12 959	12 139	11 455	10 728
Jet fuel	6 507	6 439	6 334	6 319	6 070	6 125
Diesel oil	28 386	29 179	29 712	30 124	29 955	30 196
Services & households etc.	16 394	18 073	16 903	17 684	18 278	17 859
<i>among which:</i>						
Gas oil	13 081	15 141	14 103	14 597	14 919	14 554
Residual fuel oil	979	925	577	664	447	596
Stocks at end of period						
Crude oil and feedstocks	8 692	9 027	8 913	10 086	10 016	9 827
Petroleum products	14 495	14 015	14 813	15 153	15 100	16 388


5. Natural gas

 eurostat	FRANCE						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		69 999	70 222	67 438	59 621	51 530	38 509
Total imports		1 696 095	1 663 132	1 744 261	1 788 025	1 857 438	1 936 328
Total exports		31 680	37 181	35 068	41 904	58 546	42 020
Stock changes		-70 560	50 563	-32 860	23 331	17 279	-25 692
Gross inland consumption		1 663 854	1 746 736	1 743 771	1 829 073	1 867 701	1 907 125
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		406 598	402 278	419 653	391 146	232 641	309 486
Egypt		-	-	-	-	-	60 030
Libya		-	-	-	-	-	-
Nigeria		-	-	133 731	147 185	150 952	146 596
Norway		504 950	494 194	516 752	512 080	502 480	447 040
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		480 910	414 356	422 700	412 639	384 910	378 093
Consumption							
Inputs to electricity plants		139 557	195 441	222 588	223 388	229 456	254 133
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		16 150	7 233	2 622	1 254	2 473	7 537
Distribution losses		13 891	13 209	14 777	20 056	30 198	31 997
Non-energy use		108 000	96 854	83 884	82 847	79 704	83 841
Industry		574 433	602 619	598 380	622 732	565 174	576 212
<i>among which:</i>							
Iron&steel industry		28 591	27 202	26 939	27 450	28 912	28 253
Non-ferrous metals		16 741	16 617	13 826	12 006	12 549	13 395
Chemical industry		108 000	123 086	111 059	141 355	105 319	121 860
Non-met. mineral prod.		79 166	87 362	89 879	91 446	86 078	89 083
Food, drink, tobacco		114 765	113 893	116 918	117 202	111 582	102 733
Pulp, paper and print		66 107	65 617	66 325	66 581	57 724	59 345
Engineering & metal		81 204	80 553	73 875	76 604	76 874	71 456
Other industries		19 025	19 462	31 365	22 427	25 662	28 736
Transport		86	1 080	1 260	1 764	1 980	2 178
Services & households etc.		812 964	831 093	821 824	871 592	956 750	951 410
<i>among which:</i>							
Households		589 133	600 485	615 255	611 942	686 824	672 311
Services		210 067	214 751	191 676	245 718	254 731	265 146


6.1 Hard coal

 eurostat	FRANCE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	3 166	1 972	1 483	1 730	160	-
Total imports	18 980	15 960	18 142	16 768	19 460	19 851
Total exports	89	105	123	83	94	51
Stock changes	-894	16	-669	2 023	315	929
Gross inland consumption	21 801	18 218	19 270	20 942	20 553	21 346
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 841	3 891	4 589	4 527	6 015	5 337
Colombia	1 914	1 393	1 611	2 331	2 852	2 506
Russia	383	224	288	325	764	905
South Africa	4 501	3 361	4 869	4 029	3 945	4 225
USA	3 356	2 688	1 890	2 109	2 210	1 906
Consumption						
Inputs to electricity plants	10 159	7 518	8 682	9 738	9 133	10 309
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	8	123	21	25	1	-
Industry						
<i>among which:</i>						
Iron&steel industry	2 462	2 251	2 506	2 439	2 534	2 539
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	385	441	457	501
Non-met. mineral prod.	201	200	270	294	248	219
Food, drink, tobacco	557	477	401	429	560	542
Pulp, paper and print	163	143	165	199	204	193
Engineering & metal	18	9	2	4	1	-
Other industries	-	-	2	1	-	29
Services & households etc.	698	732	470	545	539	480

6.2 Coal derivatives and peat

	FRANCE					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	5 234	5 091	4 552	4 601	4 542	4 445
Patent Fuel	122	83	70	41	35	31
Lignite and peat	296	324	148	9	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	41 780	39 505	34 765	35 169	32 831	32 288
Blast-furnace gas	70 428	61 534	66 615	63 350	63 734	63 350
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	3 491	3 201	3 357	3 133	2 912	2 677
<i>among which:</i>						
Iron & steel industry	2 856	2 472	2 899	2 830	2 567	2 377
Services & households	50	44	39	29	21	14
Patent Fuel	198	147	143	83	77	68
<i>among which:</i>						
Services & households	198	147	143	83	77	68
Lignite and peat	89	109	24	51	40	36
<i>among which:</i>						
Industry	53	59	23	51	40	36
Services & households	36	50	1	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	18 973	19 693	20 017	18 365	17 743	18 365
Blast-furnace gas	27 058	24 129	26 448	25 303	26 662	26 071
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	45 868	37 107	37 701	34 572	34 158	35 467
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	18 382	18 941	16 627	17 912	19 137	18 703
Consumption in industry	46 031	43 822	46 465	43 668	44 405	44 436


7. Renewable energy sources

		FRANCE					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	18 065	18 936	17 140	17 311	17 282	16 695
Hydro (excl. pumping)		5 822	6 464	5 257	5 133	5 188	4 491
Wind		7	11	23	34	51	82
Solar		26	19	19	18	20	24
Geothermal		124	109	107	129	130	130
Biomass		12 087	12 333	11 734	11 997	11 893	11 967
<i>among which:</i>							
Wood, wood-waste		9 761	9 924	9 153	9 483	9 438	9 430
Municipal solid waste		1 857	1 931	2 043	1 944	1 862	1 840
Biogas		146	160	199	203	207	209
Gross inland consumption		18 070	18 944	17 125	17 269	17 226	16 640
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		1 877	1 894	1 980	1 937	1 928	1 912
<i>among which:</i>							
Wood, wood-waste		252	232	232	236	237	241
Municipal waste		1 553	1 577	1 629	1 577	1 564	1 543
Biogas		71	85	119	125	127	129
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	10 364	10 575	9 865	10 164	10 058	10 152
<i>by sector:</i>							
Industry		1 453	1 392	1 425	1 453	1 481	1 521
Services & households etc.		8 582	8 857	8 116	8 386	8 248	8 198
Transport		328	326	324	325	329	433
<i>by source:</i>							
Biomass		10 214	10 447	9 740	10 018	9 909	10 000
<i>among which:</i>							
Wood, wood-waste		9 508	9 692	8 921	9 247	9 202	9 189
Municipal waste		304	355	414	367	299	297
Biogas		74	75	81	79	80	80
Geothermal		124	109	107	129	130	130
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		6	7	8	10	13	15
Hydro with installed capacity < 1 MW		1 458	1 411	1 464	1 304	1 422	1 233
Hydro with installed capacity > 1 & <10 MW		5 265	5 476	5 287	5 077	5 288	4 590
Hydro with installed capacity > 10 MW		60 415	67 747	53 847	52 779	53 109	45 875
Wood, Wood-waste		1 398	1 312	1 324	1 344	1 332	1 359
Municipal waste		2 041	2 390	2 902	3 112	3 242	3 260
Biogas		295	323	378	424	446	462

eurostat		FRANCE					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		7	8	9	11	14	16
Hydro with installed capacity < 1 MW		371	372	421	419	418	418
Hydro with installed capacity > 1 & <10 MW		1 462	1 475	1 524	1 591	1 606	1 606
Hydro with installed capacity > 10 MW		18 988	19 000	19 059	18 889	18 960	18 960
Wood, Wood-waste		340p	340p	340p	340p	340p	340p
Municipal waste		272	272	272p	272p	272p	272p
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	398	391	417	452	474	546
Solar Panels							
Solar panel surface	<i>1000 m²</i>	543	441	536	515	547	635


1. Energy economy


Key figures and energy indicators

		ITALIA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	26 780	25 650	26 280	27 224	28 006	27 597
Net energy imports		152 953	147 719	152 585	155 885	159 073	160 475
Net oil imports		88 458	84 499	86 309	85 166	82 439	79 421
Net gas imports		47 008	44 810	48 248	51 116	55 293	59 840
Gross inland energy consumption		172 537	173 143	173 400	182 871	184 789	186 766
Final energy consumption		123 254	126 001	124 512	130 029	132 564	134 083
Industry		39 489	39 647	38 876	40 344	41 469	40 732
Transport		41 263	41 895	42 382	43 102	43 916	43 604
Services and households etc.		42 503	44 458	43 254	46 583	47 180	49 748
Gross electricity generation	GWh	276 611	278 990	284 397	293 884	303 322	303 699
Final electricity consumption		272 547	277 328	282 305	290 964	295 042	300 376
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	946 363	963 354	966 649	967 008	978 647	979 508
Population	1000 per.	56 924	56 961	56 994	57 321	57 888	58 462
Industry added value	Mio EUR	242 261	244 105	243 640	240 508	239 368	236 273
Total imports (current prices)	Mio EUR	240 140	239 762	238 625	240 512	246 931	248 193
among which:							
All energy commodities		24 993	24 206	23 230	23 600	27 090	36 672
Oil products		23 293	20 627	19 629	20 060	22 870	31 799
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	182.3	179.7	179.4	189.1	188.8	190.7
Final energy consumption / GDP(95)		130.2	130.8	128.8	134.5	135.5	136.9
Energy intensity of industry:							
Final consumption / gross value-added mp		163.0	162.4	159.6	167.7	173.2	172.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		19.0	19.5	19.3	22.1	21.4	23.8
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 031	3 040	3 042	3 190	3 192	3 195
Final energy consumption / capita		2 165	2 212	2 185	2 268	2 290	2 293
Household consumption / capita		498	520	499	521	534	545
Final electricity consumption / capita	kWh/cap.	4 788	4 869	4 953	5 076	5 097	5 138
Energy dependency							
Net energy imports / Gross consumption	in %	87.3	84.0	86.5	83.8	84.6	84.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	71.4	72.8	71.8	71.1	71.7	71.8
Efficiency of thermal power stations		40.5	41.9	41.3	39.8	41.3	42.0


2. Energy balance

Principal aggregates by product


 eurostat	ITALIA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	26 780	25 650	26 280	27 224	28 006	27 597
among which:						
Hard coal	-	69	104	159	62	60
Lignite and peat	4	-	-	-	-	-
Crude oil	4 606	4 117	5 567	5 609	5 476	6 146
Natural Gas	13 622	12 483	11 976	11 372	10 615	9 886
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	3 812	4 025	3 398	3 176	3 671	3 101
Biomass	1 572	1 653	1 637	1 962	3 113	3 387
Imports						
Total	174 693	170 322	174 598	180 206	185 173	190 419
among which:						
Hard coal	12 926	13 362	12 739	13 634	16 196	15 943
Crude oil and feedstocks	90 772	91 614	90 335	92 511	93 953	96 027
Petroleum products	19 255	15 332	17 507	16 506	14 028	12 763
Natural Gas	47 049	44 861	48 560	51 429	55 617	60 164
Electricity	3 855	4 207	4 430	4 427	3 992	4 322
Exports						
Total	21 739	22 603	22 013	24 321	26 100	29 945
among which:						
Crude oil and feedstocks	529	612	401	1 124	1 431	1 623
Petroleum products	21 041	21 835	21 131	22 726	24 111	27 746
Natural gas	41	51	312	312	324	324
Electricity	42	47	79	45	68	95
Gross inland consumption						
Total	172 537	173 143	173 400	182 871	184 789	186 766
among which:						
Solid fuels	12 659	13 582	13 717	14 923	16 583	16 477
Crude oil and petrol. prod.	88 947	87 631	88 420	88 661	84 972	83 169
Natural gas	57 940	58 099	57 437	63 621	66 019	70 651
Nuclear Energy	-	-	-	-	-	-
Renewables	9 034	9 514	9 199	10 709	12 498	12 125
Transformation input						
Total	150 324	149 281	151 379	157 710	157 036	159 882
among which:						
Crude oil and feedstocks	96 749	97 853	97 529	99 588	100 190	102 214
Petroleum products	18 960	16 512	17 517	16 359	11 143	9 642
Hard coal	10 595	11 628	11 928	12 523	14 018	13 746
Lignite and peat	68	1	-	1	-	-
Renewables	3 227	3 381	3 815	5 631	6 674	6 793
Transformation output						
Total	119 504	120 813	121 058	123 743	124 357	127 916
among which:						
Electricity	19 359	19 249	20 267	21 334	21 628	22 218
Heat	-	-	-	-	-	-

 eurostat	ITALIA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	123 254	126 001	124 512	130 029	132 564	134 083
<i>among which:</i> Solid fuels	3 681	3 898	3 316	3 836	4 146	4 220
Petroleum products	56 147	57 378	57 133	58 353	59 044	58 200
Natural Gas	37 611	38 749	37 840	40 963	41 997	43 728
Renewables	1 945	2 005	1 864	1 775	1 991	2 027
Electricity	23 435	23 846	24 274	25 018	25 369	25 828
Final energy consumption by sector						
Industry						
Total	39 489	39 647	38 876	40 344	41 469	40 732
<i>among which:</i> Solid fuels	3 618	3 825	3 299	3 819	4 138	4 213
Petroleum Products	6 410	6 517	6 389	6 858	7 509	6 947
Natural Gas	16 625	16 653	16 589	16 963	17 203	16 846
Renewables	207	215	208	206	203	198
Electricity	12 197	12 313	12 305	12 413	12 399	12 447
Transport						
Total	41 263	41 895	42 382	43 102	43 916	43 604
<i>among which:</i> Motor spirit	17 534	17 192	16 807	16 198	15 216	14 153
Diesel oil	17 654	18 712	19 854	20 733	22 415	23 105
Jet fuel	3 491	3 393	3 184	3 706	3 692	3 863
Electricity	695	703	733	773	784	809
Services&households						
Total	42 503	44 458	43 254	46 583	47 180	49 748
<i>among which:</i> Solid fuels	63	73	16	16	8	7
Gas oil	6 771	7 271	6 770	6 857	6 445	6 398
Natural Gas	20 659	21 729	20 889	23 636	24 433	26 501
Renewables	1 738	1 790	1 656	1 569	1 556	1 666
Electricity	10 543	10 830	11 236	11 832	12 187	12 571
Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	ITALIA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	276 611	278 990	284 397	293 884	303 322	303 699
<i>among which:</i>						
Hydro	50 900	53 926	47 262	44 277	49 908	42 927
Wind	563	1 179	1 404	1 458	1 847	2 344
Geothermal	4 705	4 507	4 662	5 341	5 437	5 324
Nuclear	-	-	-	-	-	-
Conventional thermal	220 425	219 359	231 048	242 784	246 101	253 073
<i>of which:</i>						
Hard coal	25 990	31 727	35 447	38 813	45 518	43 606
Lignite and peat	282	3	-	-	-	-
Petroleum products	85 878	75 008	87 767	75 986	58 889	47 124
Natural gas	101 360	95 906	99 414	117 300	129 772	149 259
Derived gases	4 252	5 045	5 021	5 304	5 359	5 813
Biomass	1 591	2 586	2 371	3 456	5 359	5 985
Industrial wastes	1 072	9 084	1 028	1 925	1 204	1 286
Total net generation	263 605	265 941	270 757	280 178	289 993	290 604
Imports and exports						
Total imports	44 831	48 927	51 519	51 486	46 426	50 264
Total exports	484	549	922	518	791	1 109
Consumption and losses						
Consumption of the energy branch	22 674	23 589	25 184	25 654	25 835	24 992
<i>of which:</i>						
Consumption for pumped-storage	2 566	2 396	2 911	3 148	3 090	2 459
Network losses	19 191	19 340	19 766	20 870	20 868	20 626
Final energy consumption	272 547	277 328	282 305	290 964	295 042	300 376
<i>of which:</i>						
Industry	141 847	143 205	143 107	144 368	144 197	144 763
<i>among which:</i>						
Iron&steel industry	20 346	20 846	19 966	19 887	20 045	20 395
Non-ferrous metals	5 526	5 714	5 619	5 464	5 538	5 635
Chemical industry	21 946	21 224	20 236	20 110	19 431	19 015
Non-met. mineral prod.	13 698	13 931	14 312	14 543	14 606	14 678
Food, drink, tobacco	11 644	12 044	12 360	12 535	12 702	13 004
Pulp, paper and print	10 100	10 258	10 480	10 787	10 807	10 939
Engineering & metal	25 162	25 369	26 064	26 736	27 275	27 786
Other industries	20 919	21 207	21 970	22 709	22 906	23 127
Transport	8 086	8 171	8 521	8 992	9 113	9 414
Services & households etc.	122 614	125 952	130 677	137 604	141 732	146 199
<i>among which:</i>						
Households	61 112	61 553	62 957	65 016	66 592	66 960


3.2 Electrical capacity, fuel inputs and heat

		ITALIA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	75 334	76 233	79 744	78 102	81 306	85 231
<i>by source:</i>							
Conventional thermal		54 035	54 477	54 521	55 861	58 792	61 932
<i>of which:</i>							
Steam		40 048	39 111	38 126	36 754	34 553	32 038
Gas turbine		5 314	5 371	5 088	5 101	3 931	3 953
Combined cycle		7 839	8 978	10 308	13 051	19 276	24 837
Internal combustion		833	850	911	955	1 032	1 104
Nuclear		-	-	-	-	-	-
Hydro		20 346	20 519	23 777	20 660	20 745	20 993
<i>among which:</i>							
Pumped storage		6 957	7 063	6 957	6 957	4 017	4 017
Wind		363	664	780	874	1 127	1 635
Geothermal		590	573	666	707	642	671
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		75 493	76 233	79 744	78 313	76 540	80 658
Autoproducers		409	-	-	-	4 773	4 840
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	47 764	45 942	49 053	53 606	52 419	52 894
<i>among which:</i>							
Hard coal		5 768	6 985	7 954	8 874	10 448	10 001
Lignite and peat		68	1	-	1	-	-
Petroleum products		18 955	16 512	17 517	16 359	11 143	9 642
Natural gas		18 689	17 911	18 491	21 087	22 224	25 100
Renewables		3 227	3 381	3 815	5 631	6 674	6 793
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	-	-	-	-	-	-
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		-	-	-	-	-	-
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks

 eurostat	ITALIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	4 585	4 097	5 535	5 570	5 445	6 111
Total imports	90 281	91 077	89 730	91 807	93 354	95 424
Total exports	521	603	395	1 113	1 415	1 606
Stock changes	-765	576	-115	90	-429	-122
Refinery intake	96 208	97 267	96 867	98 819	99 542	101 564
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	55 055	48 894	44 638	51 278	52 689	56 171
Near and Middle East	30 656	29 017	25 588	26 931	27 778	30 562
Africa	32 189	30 665	31 025	31 522	32 291	30 537
<i>by country of origin:</i>						
Algeria	3 190	2 765	2 591	3 466	4 137	2 967
Irak	8 285	3 925	2 722	3 456	3 712	5 855
Iran	10 386	10 443	9 274	9 913	9 556	9 559
Kazakhstan	380	292	495	572	1 157	3 023
Kuwait	1 574	653	55	-	-	273
Libya	21 940	20 284	20 190	21 948	22 035	23 344
Mexico	285	87	81	-	-	86
Nigeria	1 142	1 752	1 318	1 717	1 443	1 551
Norway	3 650	2 927	5 409	4 692	3 337	3 314
Russia	13 929	16 864	15 871	17 508	19 892	18 440
Saudi Arabia	8 407	8 933	8 457	10 564	11 768	12 586
Syria	2 004	5 063	5 034	2 998	2 650	2 562
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	ITALIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	95 074	96 535	96 233	97 840	98 140	100 598
<i>among which:</i>						
Motor spirit	19 494	21 093	20 810	20 705	20 674	21 195
Kerosene and jet fuel	4 476	4 071	4 306	4 517	4 041	3 943
Naphtha	2 998	2 203	2 423	3 615	3 048	3 117
Gas/diesel oil	36 487	37 076	38 993	38 389	39 536	39 844
Residual fuel oil	19 455	19 295	17 190	18 018	17 543	19 032
Total imports	20 079	15 996	18 316	17 568	14 868	13 511
Total exports	21 050	21 816	21 065	22 713	24 146	27 786
Bunkers	2 785	2 900	3 080	3 310	3 456	3 492
Stock changes	-1 038	1 052	-555	779	342	845
Gross inland consumption	-4 620	-7 478	-6 167	-7 476	-12 182	-16 848
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	372	236	358	149	143	96
United Kingdom	1 696	1 452	1 381	1 384	724	558
Norway	167	246	188	231	10	101
OPEC	10 104	5 946	7 653	7 589	6 657	5 542
Imports by product						
<i>among which:</i>						
Motor spirit	598	615	572	430	339	322
Kerosene and jet fuel	317	338	198	204	493	795
Gas/diesel oil	893	748	1 014	724	1 011	1 524
Residual fuel oil	11 744	7 690	10 774	9 873	5 625	3 625
Exports by product						
<i>among which:</i>						
Motor spirit	3 985	4 279	4 807	5 197	5 751	7 507
Kerosene and jet fuel	830	638	971	761	536	702
Gas/diesel oil	8 586	9 881	9 479	9 611	9 545	9 572
Residual fuel oil	4 709	3 516	2 459	3 372	3 740	5 452
Consumption						
Inputs to electricity plants	19 636	17 230	18 285	17 072	11 536	9 963
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	9 988	9 566	9 600	7 934	7 982	10 084
Final energy consumption	55 339	56 487	56 359	57 780	58 491	57 748
Industry						
<i>among which by product:</i>						
Gas/diesel oil	418	435	440	495	1 207	504
Residual fuel oil	3 763	3 482	3 379	3 537	3 302	3 244



in 1 000 t

ITALIA

2000 2001 2002 2003 2004 2005

Industry

among which by sector:

Iron&steel industry	99	121	112	117	131	114
Non-ferrous metals	88	89	84	90	80	73
Chemical industry	1 039	1 316	921	781	1 727	1 149
Non-met. mineral prod.	3 513	2 948	3 066	3 743	3 840	4 020
Food, drink, tobacco	628	672	798	838	819	779
Pulp, paper and print	160	192	190	202	234	224
Engineering & metal	713	771	785	798	748	691
Other industries	424	604	645	667	397	470

Transport

among which:

Motor spirit	16 684	16 359	15 993	15 413	14 479	13 467
Jet fuel	3 399	3 304	3 100	3 608	3 595	3 761
Diesel oil	17 474	18 521	19 651	20 521	22 186	22 869

Services & households etc.


among which:

Gas oil	6 702	7 197	6 701	6 787	6 379	6 333
Residual fuel oil	330	350	335	328	259	250


Stocks at end of period

Crude oil and feedstocks	6 011	5 435	5 550	5 576	6 005	6 127
Petroleum products	15 193	14 710	15 001	13 954	13 612	12 767


5. Natural gas

 eurostat	ITALIA						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		633 716	580 723	557 137	529 017	493 813	459 905
Total imports		2 188 731	2 086 927	2 259 025	2 392 454	2 587 295	2 798 826
Total exports		1 907	2 365	14 516	14 516	15 050	15 088
Stock changes		-125 158	37 490	-129 692	52 692	5 145	43 053
Gross inland consumption		2 695 382	2 702 775	2 671 954	2 959 647	3 071 203	3 286 696
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		1 071 372	930 135	920 420	935 774	976 579	1 046 378
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	19 850	171 183
Nigeria		83 896	96 660	-	-	-	-
Norway		-	46 520	192 329	191 643	197 739	218 046
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		801 548	746 531	789 165	826 313	900 074	888 721
Consumption							
Inputs to electricity plants		869 419	833 212	860 186	980 954	1 033 844	1 167 651
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		18 141	11 832	15 725	15 730	16 025	15 801
Distribution losses		12 690	8 894	5 412	14 099	21 719	22 832
Non-energy use		45 453	46 215	42 824	43 245	45 910	46 177
Industry		773 402	774 687	771 718	789 137	800 261	783 678
<i>among which:</i>							
Iron&steel industry		87 099	87 249	87 709	90 489	90 604	90 830
Non-ferrous metals		17 452	17 488	17 757	18 403	18 900	18 593
Chemical industry		139 903	140 132	134 911	137 465	137 922	131 788
Non-met. mineral prod.		166 763	167 259	166 268	169 469	173 355	170 840
Food, drink, tobacco		85 459	85 496	85 229	86 947	89 573	83 858
Pulp, paper and print		75 096	74 981	75 974	77 913	78 793	78 600
Engineering & metal		101 919	102 146	102 145	104 168	108 776	107 556
Other industries		37 569	37 643	38 862	39 855	41 489	40 919
Transport		15 202	17 107	16 843	16 953	16 801	17 717
Services & households etc.		961 076	1 010 830	971 744	1 099 530	1 136 640	1 232 840
<i>among which:</i>							
Households		696 429	732 522	711 797	803 531	836 596	874 090
Services		259 198	272 631	254 345	289 824	293 565	350 863


6.1 Hard coal

 eurostat	ITALIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	139	163	250	98	95
Total imports	19 015	19 657	19 211	20 562	24 666	24 150
Total exports	2	-	-	-	-	-
Stock changes	-1 000	-232	624	334	-484	-5
Gross inland consumption	18 013	19 564	19 998	21 146	24 280	24 240
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 604	2 684	2 416	2 874	3 077	2 791
Colombia	1 759	1 451	1 950	-	2 923	2 997
Russia	993	868	1 424	1 055	1 895	1 096
South Africa	3 722	4 639	3 871	4 765	5 902	4 600
USA	3 285	5 142	2 934	2 468	2 329	2 635
Consumption						
Inputs to electricity plants	9 433	11 219	12 749	14 251	16 807	15 999
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	49	67	113	60	61	349
Industry						
<i>among which:</i>						
Iron&steel industry	1 231	1 139	996	1 223	1 628	1 678
Non-ferrous metals	34	28	2	1	2	2
Chemical industry	3	3	3	2	3	3
Non-met. mineral prod.	537	547	487	770	883	917
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	4	2	2	-	-	-
Engineering & metal	31	29	2	-	-	-
Other industries	3	2	2	-	-	-
Services & households etc.	3	3	1	1	12	11

6.2 Coal derivatives and peat

	ITALIA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	4 504	4 829	4 065	3 827	4 062	4 574
Patent Fuel	-	-	-	-	-	-
Lignite and peat	14	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	22 020	14 465	14 213	15 111	14 347	14 147
Blast-furnace gas	41 022	35 341	34 468	36 321	35 884	43 071
Gasworks gas	185	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	3 552	3 971	3 472	3 769	3 729	3 760
<i>among which:</i>						
Iron & steel industry	3 235	3 640	3 217	3 694	3 692	3 718
Services & households	90	104	23	23	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	26	8	9	7	9	8
<i>among which:</i>						
Industry	26	8	9	7	9	8
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	7 388	430	433	313	-	-
Blast-furnace gas	8 808	2 225	606	649	695	801
Gasworks gas	183	-	-	-	-	-
Inputs to electricity plants	42 155	45 540	45 766	49 217	48 993	55 890
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	4 557	1 578	1 732	1 175	560	527
Consumption in industry	16 196	2 655	1 039	962	695	801


7. Renewable energy sources

		ITALIA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	8 548	8 980	8 633	10 085	11 852	11 504
Hydro (excl. pumping)		3 812	4 025	3 398	3 176	3 671	3 101
Wind		48	101	121	125	159	202
Solar		12	12	13	13	21	23
Geothermal		3 103	3 188	3 464	4 810	4 888	4 791
Biomass		1 572	1 653	1 637	1 962	3 113	3 387
	<i>among which:</i>						
Wood, wood-waste		1 109	1 102	1 002	1 015	1 575	1 790
Municipal solid waste		334	397	426	692	986	1 111
Biogas		129	153	209	255	319	324
Gross inland consumption		9 034	9 514	9 199	10 709	12 498	12 125
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		2 890	2 971	3 247	4 592	4 675	4 578
Biomass		337	410	568	1 039	1 998	2 215
	<i>among which:</i>						
Wood, wood-waste		37	-	70	92	693	780
Municipal waste		172	257	289	692	986	1 111
Biogas		129	153	209	255	319	324
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	1 945	2 005	1 864	1 775	1 991	2 027
	<i>by sector:</i>						
Industry		207	215	208	206	203	198
Services & households etc.		1 738	1 790	1 656	1 569	1 556	1 666
Transport		-	-	-	-	232	162
	<i>by source:</i>						
Biomass		1 721	1 777	1 636	1 547	1 760	1 794
	<i>among which:</i>						
Wood, wood-waste		1 559	1 637	1 498	1 547	1 528	1 631
Municipal waste		162	141	137	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		213	217	217	217	213	213
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		18	19	21	24	29	31
Hydro with installed capacity < 1 MW		1 550	1 668	1 604	1 455	1 731	1 526
Hydro with installed capacity > 1 & <10 MW		6 567	6 989	6 444	5 736	7 129	6 090
Hydro with installed capacity > 10 MW		36 088	38 154	31 472	29 483	33 885	28 451
Wood, Wood-waste		221	-	-	611	1 913	2 167
Municipal waste		804	1 258	1 428	1 812	2 277	2 620
Biogas		566	684	943	1 033	1 170	1 198

eurostat		ITALIA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		19	20	6	7	7	7
Hydro with installed capacity < 1 MW		300	384	398	329	413	419
Hydro with installed capacity > 1 & <10 MW		1 468	1 849	1 892	1 554	1 951	1 986
Hydro with installed capacity > 10 MW		11 621	11 223	14 530	11 820	14 691	14 920
Wood, Wood-waste		180	180	155	383	503	510
Municipal waste		219	222	224	446	511	1 162
Biogas		179	198	224	257	268	284
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	286	200
Solar Panels							
Solar panel surface	<i>1000 m²</i>	240	240	340	400	400	420


1. Energy economy

Key figures and energy indicators

		KYPROS/KIBRIS					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	43	43	43	45	47	50
Net energy imports		2 537	2 496	2 572	2 651	2 408	2 808
Net oil imports		2 502	2 455	2 528	2 614	2 380	2 764
Net gas imports		-	-	-	-	-	-
Gross inland energy consumption		2 381	2 410	2 424	2 639	2 440	2 461
Final energy consumption		1 633	1 689	1 700	1 803	1 810	1 691
Industry		438	411	423	446	547	201
Transport		852	927	897	953	859	970
Services and households etc.		344	352	380	405	405	520
Gross electricity generation	GWh	3 370	3 551	3 785	4 053	4 201	4 377
Final electricity consumption		2 996	3 110	3 385	3 645	3 749	3 960
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	8 530	8 870	9 046	9 211	9 596	9 969
Population	1000 per.	691	698	706	715	730	749
Industry added value	Mio EUR	1 464	1 494	1 550	1 623	1 674	1 712
Total imports (current prices)	Mio EUR	4 616	4 855	4 813	4 766	5 223	5 385
among which:							
All energy commodities		:	:	:	:	385	815
Oil products		:	:	:	:	373	834
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	279.1	271.7	268.0	286.5	254.3	246.9
Final energy consumption / GDP(95)		191.4	190.5	187.9	195.8	188.6	169.6
Energy intensity of industry:							
Final consumption / gross value-added mp		299.1	275.1	273.1	274.7	326.6	117.2
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.1	20.9	22.4	22.9	23.3	39.2
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 448	3 456	3 436	3 690	3 341	3 285
Final energy consumption / capita		2 365	2 422	2 409	2 522	2 478	2 256
Household consumption / capita		311	305	325	347	325	312
Final electricity consumption / capita	kWh/cap.	4 339	4 459	4 798	5 097	5 133	5 286
Energy dependency							
Net energy imports / Gross consumption	in %	98.8	96.1	100.5	96.0	96.4	100.7
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	68.6	70.1	70.1	68.3	74.2	68.7
Efficiency of thermal power stations		32.8	35.7	36.6	33.3	36.1	35.0


2. Energy balance

Principal aggregates by product


 eurostat	KYPROS/KIBRIS					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	43	43	43	45	47	50
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	-	-	-	-	-	-
Biomass	8	9	7	9	8	9
Imports						
Total	2 537	2 496	2 572	2 651	2 408	2 808
among which:						
Hard coal	33	38	42	33	24	43
Crude oil and feedstocks	1 149	1 148	1 071	964	243	-
Petroleum products	1 353	1 307	1 457	1 651	2 138	2 764
Natural Gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Exports						
Total	-	-	-	-	-	-
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Gross inland consumption						
Total	2 381	2 410	2 424	2 639	2 440	2 461
among which:						
Solid fuels	35	37	37	38	38	36
Crude oil and petrol. prod.	2 302	2 329	2 342	2 553	2 352	2 374
Natural gas	-	-	-	-	-	-
Nuclear Energy	-	-	-	-	-	-
Renewables	43	43	43	45	48	50
Transformation input						
Total	2 051	2 004	1 969	2 012	1 278	1 077
among which:						
Crude oil and feedstocks	1 167	1 150	1 079	966	279	-
Petroleum products	884	854	890	1 046	999	1 077
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	-	-	-	-	-	-
Transformation output						
Total	1 456	1 450	1 400	1 311	640	376
among which:						
Electricity	290	305	325	348	361	376
Heat	-	-	-	-	-	-

eurostat	KYPROS/KIBRIS					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	1 633	1 689	1 700	1 803	1 810	1 691
<i>among which:</i> Solid fuels	35	37	36	38	38	36
Petroleum products	1 296	1 341	1 327	1 404	1 400	1 263
Natural Gas	-	-	-	-	-	-
Renewables	43	43	43	45	47	50
Electricity	258	267	291	313	322	340
Final energy consumption by sector						
Industry						
Total	438	411	423	446	547	201
<i>among which:</i> Solid fuels	35	37	36	38	38	36
Petroleum Products	364	333	344	359	458	114
Natural Gas	-	-	-	-	-	-
Renewables	-	0	-	2	3	3
Electricity	38	39	41	44	46	47
Transport						
Total	852	927	897	953	859	970
<i>among which:</i> Motor spirit	216	230	241	265	296	318
Diesel oil	344	372	344	354	257	350
Jet fuel	290	322	310	332	303	299
Electricity	2	2	2	3	3	3
Services&households						
Total	344	352	380	405	405	520
<i>among which:</i> Solid fuels	-	-	-	-	-	-
Gas oil	-	-	-	-	-	111
Natural Gas	-	-	-	-	-	-
Renewables	43	42	43	43	45	47
Electricity	217	227	248	267	274	291
Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	in GWh	KYPROS/KIBRIS					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		3 370	3 551	3 785	4 053	4 201	4 377
<i>among which:</i>							
Hydro		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		3 370	3 551	3 785	4 052	4 200	4 376
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		3 370	3 551	3 785	4 052	4 200	4 376
Natural gas		-	-	-	-	-	-
Derived gases		-	-	-	-	-	-
Biomass		-	-	-	-	-	-
Industrial wastes		-	-	-	-	-	-
Total net generation		3 205	3 364	3 574	3 830	3 974	4 130
Imports and exports							
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Consumption and losses							
Consumption of the energy branch		186	208	233	248	238	253
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		188	233	167	159	213	164
Final energy consumption		2 996	3 110	3 385	3 645	3 749	3 960
<i>of which:</i>							
Industry		446	451	474	515	537	546
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		16	19	19	20	21	24
Non-met. mineral prod.		185	183	186	208	216	221
Food, drink, tobacco		127	132	147	159	162	166
Pulp, paper and print		15	16	16	17	18	18
Engineering & metal		24	24	25	24	28	30
Other industries		55	53	56	61	61	61
Transport		22	24	26	30	31	31
Services & households etc.		2 528	2 635	2 885	3 100	3 181	3 383
<i>among which:</i>							
Households		1 055	1 042	1 157	1 294	1 316	1 433


3.2 Electrical capacity, fuel inputs and heat


		KYPROS/KIBRIS					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	988	988	988	994	994	1 124
by source:							
Conventional thermal		988	988	988	994	994	1 124
<i>of which:</i>							
Steam		800	800	800	800	800	930
Gas turbine		188	188	188	188	188	188
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Hydro		-	-	-	-	-	-
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		988	988	988	988	988	1 119
Autoproducers		-	-	-	6	6	6
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	884	854	890	1 046	999	1 077
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		884	854	890	1 046	999	1 077
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	-	-	-	-	-	-
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		-	-	-	-	-	-
<i>of which: in industry</i>							
		-	-	-	-	-	-
	in households and services	-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks


 eurostat	KYPROS/KIBRIS					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	1 155	1 154	1 078	969	243	-
Total exports	-	-	-	-	-	-
Stock changes	18	2	8	2	35	-
Refinery intake	1 173	1 156	1 086	971	279	-
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	441	715	40	631	141	-
Africa	112	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	602	439	1 038	338	76	-
Saudi Arabia	-	-	-	-	-	-
Syria	441	715	40	631	141	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	KYPROS/KIBRIS					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	1 172	1 151	1 082	968	279	-
<i>among which:</i>						
Motor spirit	153	150	153	146	40	-
Kerosene and jet fuel	37	37	36	39	11	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	406	390	362	327	88	-
Residual fuel oil	491	482	423	362	112	-
Total imports	1 417	1 344	1 525	1 701	2 190	2 828
Total exports	-	-	-	-	-	-
Bunkers	194	193	139	125	57	336
Stock changes	-39	69	-72	66	-5	-62
Gross inland consumption	1 184	1 220	1 314	1 642	2 128	2 430
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	-	-	-
United Kingdom	-	148	-	11	7	176
Norway	-	29	35	-	-	-
OPEC	-	55	40	44	19	39
Imports by product						
<i>among which:</i>						
Motor spirit	62	84	78	110	239	331
Kerosene and jet fuel	273	314	295	323	297	321
Gas/diesel oil	194	198	194	252	479	603
Residual fuel oil	637	585	690	821	925	1 298
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	924	894	932	1 095	1 046	1 126
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	90	89	92	78	75	230
Final energy consumption	1 305	1 345	1 333	1 409	1 407	1 232
Industry						
<i>among which by product:</i>						
Gas/diesel oil	191	180	186	191	276	47
Residual fuel oil	68	54	55	62	68	66

 eurostat	KYPROS/KIBRIS					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	209	187	193	199	214	20
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	185	180	186	191	282	50
Transport	828	901	871	925	831	940
<i>among which:</i>						
Motor spirit	206	219	229	252	282	303
Jet fuel	282	314	302	323	295	291
Diesel oil	340	368	340	350	254	346
Services & households etc.	77	77	83	89	80	176
<i>among which:</i>						
Gas oil	-	-	-	-	-	110
Residual fuel oil	-	-	-	-	-	-
Stocks at end of period						
Crude oil and feedstocks	47	45	37	35	-	-
Petroleum products	267	205	277	211	216	278


5. Natural gas

 eurostat	in TJ (GCV)	KYPROS/KIBRIS					
		2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		-	-	-	-	-	-
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Distribution losses		-	-	-	-	-	-
Non-energy use		-	-	-	-	-	-
Industry		-	-	-	-	-	-
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		-	-	-	-	-	-
Transport		-	-	-	-	-	-
Services & households etc.		-	-	-	-	-	-
<i>among which:</i>							
Households		-	-	-	-	-	-
Services		-	-	-	-	-	-


6.1 Hard coal

 eurostat	KYPROS/KIBRIS					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	50	59	66	51	39	63
Total exports	-	-	-	-	-	-
Stock changes	-1	-6	-12	2	18	-11
Gross inland consumption	49	53	54	53	57	52
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	9	-
Colombia	-	-	-	-	-	-
Russia	30	59	66	51	-	-
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	49	53	53	53	57	52
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

	KYPROS/KIBRIS					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
<i>among which:</i>						
Iron & steel industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	10	12	12	12	11	1
<i>among which:</i>						
Industry	10	12	12	12	11	1
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

		KYPROS/KIBRIS					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	43	43	43	45	47	50
Hydro (excl. pumping)		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Solar		35	34	35	36	39	41
Geothermal		-	-	-	-	-	-
Biomass		8	9	7	9	8	9
<i>among which:</i>							
Wood, wood-waste		8	9	7	7	7	9
Municipal solid waste		-	-	-	2	1	0
Biogas		-	-	-	-	-	-
Gross inland consumption		43	43	43	45	48	50
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		-	-	-	-	-	-
<i>among which:</i>							
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	43	43	43	45	47	50
<i>by sector:</i>							
Industry		-	0	-	2	3	3
Services & households etc.		43	42	43	43	45	47
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		8	9	7	9	8	9
<i>among which:</i>							
Wood, wood-waste		8	9	7	7	8	9
Municipal waste		-	-	-	2	1	0
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	1	1	1
Hydro with installed capacity < 1 MW		-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-

eurostat	KYPROS/KIBRIS					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)		-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-
Hydro with installed capacity > 10 MW		-	-	-	-	-
Wood, Wood-waste		-	-	-	-	-
Municipal waste		-	-	-	-	-
Biogas		-	-	-	-	-
Liquid biofuels						
Production	<i>1000 t</i>	-	-	-	-	-
Solar Panels						
Solar panel surface	<i>1000 m²</i>	-	-	-	730	730
					730	730


1. Energy economy

Key figures and energy indicators

		LATVIJA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	1 560	1 688	1 865	1 979	2 144	2 290
Net energy imports		2 254	2 530	2 429	2 671	3 045	2 784
Net oil imports		1 096	1 438	1 329	1 451	1 547	1 662
Net gas imports		1 113	1 087	1 144	1 406	1 739	1 434
Gross inland energy consumption		3 947	4 265	4 225	4 432	4 580	4 718
Final energy consumption		3 269	3 588	3 630	3 746	3 873	3 999
Industry		613	643	663	681	742	827
Transport		744	871	870	921	959	999
Services and households etc.		1 912	2 074	2 097	2 144	2 172	2 173
Gross electricity generation	GWh	4 136	4 280	3 975	3 975	4 689	4 905
Final electricity consumption		4 439	4 523	4 849	5 180	5 381	5 701
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	4 937	5 334	5 679	6 088	6 616	7 317
Population	1000 per.	2 382	2 364	2 346	2 332	2 319	2 306
Industry added value	Mio EUR	1 248	1 361	1 478	1 588	1 721	1 843
Total imports (current prices)	Mio EUR	2 678	3 061	3 204	3 624	4 225	4 849
among which:							
All energy commodities		:	:	:	:	535	1 028
Oil products		:	:	:	:	418	812
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	799.6	799.6	744.0	728.1	692.3	644.8
Final energy consumption / GDP(95)		662.2	672.7	639.2	615.4	585.4	546.6
Energy intensity of industry:							
Final consumption / gross value-added mp		491.4	472.4	448.8	428.9	431.2	448.7
Energy intensity of service sector:							
Final consumption / gross value-added mp		181.5	173.1	176.4	170.0	173.1	152.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 657	1 804	1 801	1 901	1 975	2 046
Final energy consumption / capita		1 373	1 518	1 547	1 607	1 670	1 734
Household consumption / capita		556	620	620	629	615	626
Final electricity consumption / capita	kWh/cap.	1 864	1 913	2 067	2 222	2 320	2 472
Energy dependency							
Net energy imports / Gross consumption	in %	57.0	56.7	54.9	57.8	63.7	56.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	82.8	84.1	85.9	84.5	84.6	84.8
Efficiency of thermal power stations		71.1	76.1	77.2	79.3	80.9	81.6


2. Energy balance

Principal aggregates by product


 eurostat	LATVIJA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	1 560	1 688	1 865	1 979	2 144	2 290
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	33	33	68	4	6	3
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	242	244	212	195	267	286
Biomass	1 284	1 411	1 584	1 776	1 866	1 997
Imports						
Total	2 570	2 793	2 794	3 184	3 917	3 925
among which:						
Hard coal	54	59	69	78	59	73
Crude oil and feedstocks	93	19	16	7	3	4
Petroleum products	1 118	1 420	1 314	1 458	1 876	2 158
Natural Gas	1 113	1 087	1 144	1 406	1 739	1 434
Electricity	181	201	244	230	235	245
Exports						
Total	316	263	365	513	872	1 141
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	115	1	1	14	332	500
Natural gas	-	-	-	-	-	-
Electricity	28	39	42	3	55	61
Gross inland consumption						
Total	3 947	4 265	4 225	4 432	4 580	4 718
among which:						
Solid fuels	193	153	124	111	70	82
Crude oil and petrol. prod.	1 154	1 225	1 152	1 276	1 341	1 376
Natural gas	1 092	1 270	1 291	1 347	1 332	1 358
Nuclear Energy	-	-	-	-	-	-
Renewables	1 354	1 456	1 456	1 465	1 649	1 714
Transformation input						
Total	1 202	1 247	1 242	1 276	1 198	1 178
among which:						
Crude oil and feedstocks	34	12	9	5	1	1
Petroleum products	130	107	104	77	66	51
Hard coal	12	12	8	7	7	6
Lignite and peat	101	57	48	32	3	1
Renewables	199	222	262	302	314	293
Transformation output						
Total	876	936	919	944	875	877
among which:						
Electricity	113	124	129	143	132	132
Heat	761	811	789	801	743	744

eurostat	LATVIJA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	3 269	3 588	3 630	3 746	3 873	3 999
<i>among which:</i> Solid fuels	58	80	67	60	58	73
Petroleum products	974	1 105	1 091	1 173	1 208	1 216
Natural Gas	329	390	447	456	492	508
Renewables	909	985	975	960	1 055	1 106
Electricity	382	389	417	445	463	490
Final energy consumption by sector						
Industry						
Total	613	643	663	681	742	827
<i>among which:</i> Solid fuels	8	11	12	9	9	26
Petroleum Products	126	94	91	97	96	82
Natural Gas	207	254	282	275	284	295
Renewables	107	127	127	136	187	254
Electricity	123	133	131	138	140	146
Transport						
Total	744	871	870	921	959	999
<i>among which:</i> Motor spirit	347	365	357	357	359	352
Diesel oil	338	447	453	489	514	548
Jet fuel	27	27	28	40	48	59
Electricity	10	10	10	10	10	10
Services&households						
Total	1 912	2 074	2 097	2 144	2 172	2 173
<i>among which:</i> Solid fuels	50	69	55	50	49	47
Gas oil	64	99	92	113	112	98
Natural Gas	120	134	164	180	206	212
Renewables	802	858	848	824	868	849
Electricity	249	246	276	298	312	334
Heat	574	615	613	626	573	581


3.1 Electricity balance

 eurostat	LATVIJA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	4 136	4 280	3 975	3 975	4 689	4 905
<i>among which:</i>						
Hydro	2 819	2 833	2 463	2 266	3 109	3 325
Wind	4	3	11	48	49	47
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	1 313	1 444	1 501	1 661	1 531	1 533
<i>of which:</i>						
Hard coal	-	-	-	-	-	-
Lignite and peat	78	42	38	22	-	-
Petroleum products	107	95	139	82	60	6
Natural gas	1 128	1 304	1 314	1 533	1 433	1 486
Derived gases	-	-	-	-	-	-
Biomass	-	3	10	24	38	42
Industrial wastes	-	-	-	-	-	-1
Total net generation	3 980	4 145	3 831	3 782	4 498	4 714
Imports and exports						
Total imports	2 108	2 340	2 838	2 671	2 733	2 855
Total exports	322	457	490	38	636	707
Consumption and losses						
Consumption of the energy branch	491	650	481	526	520	516
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	992	990	993	902	885	836
Final energy consumption	4 439	4 523	4 849	5 180	5 381	5 701
<i>of which:</i>						
Industry	1 433	1 545	1 526	1 605	1 634	1 700
<i>among which:</i>						
Iron&steel industry	125	132	137	140	147	144
Non-ferrous metals	-	-	3	-	3	3
Chemical industry	68	78	75	75	66	72
Non-met. mineral prod.	85	93	100	105	105	164
Food, drink, tobacco	300	311	308	313	298	318
Pulp, paper and print	33	27	36	39	42	43
Engineering & metal	195	229	199	211	217	226
Other industries	398	447	447	502	557	605
Transport	114	113	111	115	116	120
Services & households etc.	2 892	2 865	3 212	3 460	3 631	3 881
<i>among which:</i>						
Households	1 189	1 239	1 317	1 421	1 467	1 572


3.2 Electrical capacity, fuel inputs and heat


		LATVIJA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	2 092	2 100	2 141	2 155	2 156	2 165
<i>by source:</i>							
Conventional thermal		577	575	589	592	594	603
<i>of which:</i>							
Steam		577	575	561	560	558	429
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Hydro		1 513	1 523	1 529	1 537	1 536	1 536
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		2	2	23	26	26	26
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		2 058	2 073	2 108	2 122	2 124	2 132
Autoproducers		34	27	33	33	32	33
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	560	605	623	635	600	591
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		95	52	45	29	-	-
Petroleum products		67	50	50	34	26	13
Natural gas		388	497	510	548	535	541
Renewables		-	6	18	24	39	37
Heating plants		640	641	618	639	597	586
<i>among which:</i>							
Hard coal		12	12	8	7	7	6
Lignite and peat		6	4	2	3	3	1
Petroleum products		63	57	54	43	40	38
Natural gas		338	341	301	304	272	284
Renewables		199	217	244	278	275	257
Heat production and consumption							
Total heat production	TJ	761	811	789	801	743	744
<i>among which: in heating plants</i>							
		476	475	437	439	389	393
Heat consumption		590	630	629	641	587	598
<i>of which: in industry</i>							
		16	15	15	15	15	16
<i>in households and services</i>							
		574	615	613	626	573	581
<i>among which: in households</i>							
		440	469	466	476	433	439

4.1 Crude oil and feedstocks


 eurostat	LATVIJA						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production	-	-	-	-	-	-	-
Total imports	93	19	16	7	3	4	
Total exports	-	-	-	-	-	-	-
Stock changes	-3	3	-2	1	-	-	-
Refinery intake	-	-	-	-	-	-	-
Imports of Crude Oil by origin							
<i>by region of origin:</i>							
OPEC	-	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-
<i>by country of origin:</i>							
Algeria	-	-	-	-	-	-	-
Irak	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	LATVIJA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	-	-	-	-	-	-
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Total imports	1 119	1 422	1 315	1 465	1 870	2 145
Total exports	110	1	1	16	336	507
Bunkers	8	197	208	190	205	264
Stock changes	71	-24	22	1	-6	-37
Gross inland consumption	1 072	1 200	1 138	1 270	1 326	1 347
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	-	-	-	-	-
United Kingdom	-	2	2	-	21	2
Norway	20	29	24	37	35	86
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	355	289	286	322	418	413
Kerosene and jet fuel	35	27	29	36	113	178
Gas/diesel oil	397	665	613	669	776	900
Residual fuel oil	148	288	219	224	208	244
Exports by product						
<i>among which:</i>						
Motor spirit	90	-	-	-	76	67
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	19	-	1	-	50	116
Residual fuel oil	-	-	-	-	200	293
Consumption						
Inputs to electricity plants	70	52	52	36	27	14
Inputs to heating plants	66	61	57	45	43	40
Non-energy use	75	63	78	80	81	99
Final energy consumption	959	1 089	1 078	1 164	1 197	1 198
Industry						
<i>among which by product:</i>						
Gas/diesel oil	35	32	29	28	32	33
Residual fuel oil	71	35	27	17	10	12

 eurostat	LATVIJA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	28	24	23	23	23	21
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	3	4	4	3	-	-
Non-met. mineral prod.	19	11	21	44	41	26
Food, drink, tobacco	47	35	32	24	22	22
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	4	4	2	2	2	3
Other industries	23	18	18	16	22	20
Transport	710	834	834	884	921	958
<i>among which:</i>						
Motor spirit	330	347	340	340	342	335
Jet fuel	26	26	27	39	47	57
Diesel oil	335	442	448	484	509	542
Services & households etc.	113	150	139	164	162	146
<i>among which:</i>						
Gas oil	63	98	91	112	111	97
Residual fuel oil	18	18	13	12	11	13
Stocks at end of period						
Crude oil and feedstocks	3	-	2	1	1	1
Petroleum products	172	196	174	173	179	216


5. Natural gas

 eurostat	LATVIJA					
	in TJ (GCV)					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	51 790	50 565	53 210	65 403	80 880	66 710
Total exports	-	-	-	-	-	-
Stock changes	-972	8 503	6 870	-2 728	-18 897	-3 541
Gross inland consumption	50 818	59 068	60 080	62 675	61 983	63 169
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	51 790	50 565	53 210	65 403	80 880	66 710
Consumption						
Inputs to electricity plants	18 061	23 110	23 748	25 488	24 898	25 156
Inputs to heat plants	15 706	15 844	14 003	14 165	12 635	13 230
Consumption of energy branch	897	974	896	972	969	969
Distribution losses	748	524	635	822	596	186
Non-energy use	-	-	-	-	-	-
Industry	9 647	11 799	13 106	12 782	13 231	13 714
<i>among which:</i>						
Iron&steel industry	4 338	4 509	4 331	4 410	4 473	4 583
Non-ferrous metals	187	211	299	336	298	224
Chemical industry	224	262	299	336	447	485
Non-met. mineral prod.	898	2 023	2 613	2 093	2 050	2 646
Food, drink, tobacco	2 206	2 547	2 875	2 616	3 094	2 982
Pulp, paper and print	112	150	149	187	186	224
Engineering & metal	224	337	411	524	484	484
Other industries	635	712	897	1 047	1 006	1 192
Transport	75	112	75	75	75	75
Services & households etc.	5 572	6 218	7 617	8 371	9 579	9 839
<i>among which:</i>						
Households	2 954	3 334	3 659	4 074	4 398	4 659
Services	2 057	2 210	3 249	3 475	4 175	4 360


6.1 Hard coal


 eurostat	LATVIJA						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production	-	-	-	-	-	-	-
Total imports	80	87	102	124	95	116	
Total exports	-	-	-	-	-	-	
Stock changes	17	40	-	-23	3	4	
Gross inland consumption	97	127	102	101	98	120	
Imports							
Imports by origin							
<i>among which:</i>							
Australia	-	-	-	-	-	-	
Colombia	-	-	-	-	-	-	
Russia	78	86	99	120	94	115	
South Africa	-	-	-	-	-	-	
USA	-	-	-	-	-	-	
Consumption							
Inputs to electricity plants							
Inputs to heat plants	17	17	12	11	11	9	
Consumption of energy branch	1	1	1	1	1	1	
Industry							
<i>among which:</i>							
Iron&steel industry	-	-	-	-	-	-	
Non-ferrous metals	-	-	-	-	-	-	
Chemical industry	-	-	-	-	-	-	
Non-met. mineral prod.	1	1	1	1	1	26	
Food, drink, tobacco	4	4	4	5	4	4	
Pulp, paper and print	-	1	1	1	1	1	
Engineering & metal	-	-	-	-	-	-	
Other industries	2	1	1	1	1	1	
Services & households etc.	71	101	81	80	78	75	

6.2 Coal derivatives and peat

	LATVIJA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	136	138	284	16	26	12
Brown coal briquettes	2	1	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	4	8	10	6	7	7
<i>among which:</i>						
Iron & steel industry	4	8	9	5	7	7
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	2	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	2	-	-	-	-	-
Brown coal briquettes	2	1	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	2	1	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

		LATVIJA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	1 527	1 655	1 797	1 975	2 137	2 287
Hydro (excl. pumping)		242	244	212	195	267	286
Wind		0	0	1	4	4	4
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		1 284	1 411	1 584	1 776	1 866	1 997
<i>among which:</i>							
Wood, wood-waste		1 284	1 411	1 583	1 772	1 859	1 987
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	1	4	7	8
Gross inland consumption		1 354	1 456	1 456	1 465	1 649	1 714
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		199	222	262	302	314	293
<i>among which:</i>							
Wood, wood-waste		199	222	260	301	313	287
Municipal waste		-	-	-	-	-	-
Biogas		-	-	1	2	4	6
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	909	985	975	960	1 055	1 106
<i>by sector:</i>							
Industry		107	127	127	136	187	254
Services & households etc.		802	858	848	824	868	849
Transport		-	-	-	-	-	3
<i>by source:</i>							
Biomass		909	985	975	960	1 055	1 106
<i>among which:</i>							
Wood, wood-waste		909	985	975	958	1 053	1 102
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	2	3	2
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		17	29	24	43	46	40
Hydro with installed capacity > 1 & <10 MW		8	8	8	14	23	22
Hydro with installed capacity > 10 MW		2 794	2 796	2 431	2 213	3 040	3 263
Wood, Wood-waste		-	3	6	6	6	6
Municipal waste		-	-	-	-	-	-
Biogas		-	-	5	18	32	36

		LATVIJA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		8	11	17	20	18	18
Hydro with installed capacity > 1 & <10 MW		1	1	1	6	7	7
Hydro with installed capacity > 10 MW		1 504	1 511	1 511	1 511	1 511	1 511
Wood, Wood-waste		-	-	-	2	3	3
Municipal waste		-	-	-	-	-	-
Biogas		-	-	5	5	6	7
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	2
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

		LIETUVA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	3 173	4 088	4 824	5 116	4 976	3 682
Net energy imports		4 328	3 908	3 728	4 091	4 420	5 096
Net oil imports		2 299	2 048	1 992	2 224	2 543	2 677
Net gas imports		2 065	2 145	2 169	2 355	2 343	2 492
Gross inland energy consumption		7 069	8 132	8 636	8 985	9 142	8 592
Final energy consumption		3 740	3 859	4 013	4 122	4 284	4 454
Industry		781	773	863	910	937	996
Transport		1 048	1 139	1 176	1 201	1 320	1 397
Services and households etc.		1 912	1 947	1 973	2 011	2 028	2 060
Gross electricity generation	GWh	11 424	14 737	17 721	19 488	19 273	14 782
Final electricity consumption		6 171	6 406	6 693	7 142	7 612	7 930
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	6 235	6 649	7 109	7 843	8 417	9 053
Population	1000 per.	3 512	3 487	3 476	3 463	3 446	3 425
Industry added value	Mio EUR	1 772	1 998	2 116	2 481	2 727	2 938
Total imports (current prices)	Mio EUR	4 487	5 277	6 211	6 855	7 876	9 140
among which:							
All energy commodities		:	:	:	:	1 324	3 059
Oil products		:	:	:	:	1 191	2 782
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 133.7	1 222.9	1 214.8	1 145.7	1 086.2	949.1
Final energy consumption / GDP(95)		599.9	580.4	564.5	525.6	509.0	492.0
Energy intensity of industry:							
Final consumption / gross value-added mp		440.7	387.0	408.0	366.7	343.4	339.0
Energy intensity of service sector:							
Final consumption / gross value-added mp		144.7	139.3	134.4	134.3	131.0	126.3
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 013	2 332	2 485	2 595	2 653	2 508
Final energy consumption / capita		1 065	1 107	1 155	1 190	1 243	1 300
Household consumption / capita		383	394	397	400	399	404
Final electricity consumption / capita	kWh/cap.	1 757	1 837	1 926	2 063	2 209	2 315
Energy dependency							
Net energy imports / Gross consumption	in %	60.5	47.5	42.6	45.0	47.8	58.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	52.9	47.5	46.5	45.9	46.9	51.8
Efficiency of thermal power stations		76.7	73.2	80.4	82.6	82.0	80.1


2. Energy balance

Principal aggregates by product


 eurostat	LIETUVA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	3 173	4 088	4 824	5 116	4 976	3 682
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	24	20	28	26	28	20
Crude oil	322	480	442	389	307	219
Natural Gas	-	-	-	-	-	-
Nuclear heat	2 172	2 931	3 648	3 994	3 896	2 666
Hydro-electricity	29	28	30	28	36	39
Biomass	627	630	666	677	706	735
Imports						
Total	8 070	9 684	9 382	10 512	12 296	12 813
among which:						
Hard coal	78	64	134	177	158	176
Crude oil and feedstocks	5 144	6 777	6 391	7 303	8 971	9 205
Petroleum products	330	309	289	310	441	423
Natural Gas	2 065	2 145	2 169	2 355	2 343	2 492
Electricity	443	382	390	356	369	485
Exports						
Total	3 742	5 776	5 654	6 421	7 877	7 717
among which:						
Crude oil and feedstocks	317	358	126	293	196	150
Petroleum products	2 858	4 680	4 561	5 096	6 672	6 800
Natural gas	-	-	-	-	-	-
Electricity	558	723	947	1 004	988	740
Gross inland consumption						
Total	7 069	8 132	8 636	8 985	9 142	8 592
among which:						
Solid fuels	110	100	158	201	196	201
Crude oil and petrol. prod.	2 190	2 613	2 515	2 375	2 586	2 746
Natural gas	2 064	2 146	2 170	2 354	2 348	2 476
Nuclear Energy	2 172	2 931	3 648	3 994	3 896	2 666
Renewables	649	682	703	708	736	758
Transformation input						
Total	8 832	11 574	12 026	12 964	14 432	13 825
among which:						
Crude oil and feedstocks	5 088	6 994	6 747	7 318	8 854	9 418
Petroleum products	393	455	393	242	220	221
Hard coal	7	8	7	7	7	7
Lignite and peat	12	12	13	16	18	7
Renewables	39	68	109	125	157	154
Transformation output						
Total	7 077	9 215	9 325	10 055	11 540	11 749
among which:						
Electricity	927	1 207	1 457	1 591	1 576	1 201
Heat	1 152	1 142	1 202	1 227	1 184	1 192

eurostat	LIETUVA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	3 740	3 859	4 013	4 122	4 284	4 454
<i>among which:</i> Solid fuels	91	79	139	177	173	190
Petroleum products	1 348	1 407	1 398	1 383	1 503	1 599
Natural Gas	363	386	419	432	481	503
Renewables	579	585	592	594	576	574
Electricity	531	551	575	614	655	682
Final energy consumption by sector						
Industry						
Total	781	773	863	910	937	996
<i>among which:</i> Solid fuels	14	11	55	86	87	94
Petroleum Products	170	152	104	67	78	94
Natural Gas	204	217	243	248	271	290
Renewables	31	46	81	99	103	101
Electricity	197	202	219	226	236	244
Transport						
Total	1 048	1 139	1 176	1 201	1 320	1 397
<i>among which:</i> Motor spirit	391	387	377	375	359	352
Diesel oil	507	588	613	615	706	765
Jet fuel	27	35	31	33	39	46
Electricity	4	4	4	5	5	5
Services&households						
Total	1 912	1 947	1 973	2 011	2 028	2 060
<i>among which:</i> Solid fuels	77	68	84	90	86	96
Gas oil	39	33	38	37	39	43
Natural Gas	159	169	177	184	209	213
Renewables	548	539	511	494	473	470
Electricity	329	345	352	383	414	433
Heat	663	706	728	740	735	731


3.1 Electricity balance

 eurostat	LIETUVA						
	in GWh		2000	2001	2002	2003	2004
Generation							
Total gross generation		11 424	14 737	17 721	19 488	19 273	14 782
<i>among which:</i>							
Hydro		643	701	781	985	943	820
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Nuclear		8 419	11 362	14 142	15 484	15 102	10 337
Conventional thermal		2 362	2 674	2 798	3 019	3 228	3 625
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		655	720	547	327	361	401
Natural gas		1 616	1 884	2 109	2 518	2 691	3 017
Derived gases		-	-	-	-	-	-
Biomass		-	2	4	7	6	7
Industrial wastes		91	68	138	167	170	200
Total net generation		10 039	13 218	16 078	17 878	17 705	13 582
Imports and exports							
Total imports		5 150	4 442	4 532	4 144	4 293	5 641
Total exports		6 486	8 406	11 018	11 674	11 488	8 607
Consumption and losses							
Consumption of the energy branch		2 332	2 576	2 689	2 751	2 672	2 299
<i>of which:</i>							
Consumption for pumped-storage		122	142	153	230	197	143
Network losses		1 281	1 416	1 426	1 405	1 273	1 220
Final energy consumption		6 171	6 406	6 693	7 142	7 612	7 930
<i>of which:</i>							
Industry		2 294	2 346	2 546	2 630	2 744	2 833
<i>among which:</i>							
Iron&steel industry		53	54	40	34	32	29
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		451	450	507	551	554	598
Non-met. mineral prod.		186	189	232	236	211	230
Food, drink, tobacco		441	433	454	451	453	496
Pulp, paper and print		124	135	99	86	86	91
Engineering & metal		348	371	391	399	431	386
Other industries		360	382	472	526	650	714
Transport		50	50	52	53	54	56
Services & households etc.		3 827	4 010	4 095	4 459	4 814	5 041
<i>among which:</i>							
Households		1 767	1 818	1 811	1 895	2 066	2 141


3.2 Electrical capacity, fuel inputs and heat


		LIETUVA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	5 691	5 696	5 696	5 705	5 707	4 530
<i>by source:</i>							
Conventional thermal		2 461	2 466	2 466	2 469	2 470	2 470
<i>of which:</i>							
Steam		2 461	2 466	2 466	2 467	2 446	2 442
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		2 367	2 367	2 367	2 367	2 367	1 183
Hydro		863	863	863	869	870	877
<i>among which:</i>							
Pumped storage		760	760	760	760	760	760
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		5 652	5 655	5 655	5 664	5 669	4 494
Autoproducers		64	66	66	66	64	62
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	911	1 000	981	1 033	1 139	1 218
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		196	220	225	142	157	169
Natural gas		716	769	736	873	973	1 044
Renewables		-	11	20	18	9	5
Heating plants		655	644	642	609	531	519
<i>among which:</i>							
Hard coal		7	8	7	7	7	7
Lignite and peat		4	5	5	5	6	3
Petroleum products		197	234	167	100	62	52
Natural gas		405	337	372	390	308	308
Renewables		39	57	89	106	148	149
Heat production and consumption							
Total heat production	TJ	1 152	1 142	1 202	1 227	1 184	1 192
<i>among which: in heating plants</i>							
		604	587	599	581	480	482
Heat consumption		828	851	890	922	895	905
<i>of which: in industry</i>							
		164	145	162	182	161	174
<i>in households and services</i>							
		663	706	728	740	735	731
<i>among which: in households</i>							
		484	517	544	544	535	532

4.1 Crude oil and feedstocks


 eurostat	LIETUVA					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	316	471	434	382	302	216
Total imports	5 052	6 651	6 276	7 177	8 822	9 061
Total exports	311	351	124	288	193	148
Stock changes	-46	125	80	-75	-187	211
Refinery intake	4 995	6 862	6 625	7 191	8 707	9 271
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	25	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	4 487	6 436	6 214	7 088	8 177	8 871
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	LIETUVA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	4 903	6 732	6 542	7 106	8 629	9 206
<i>among which:</i>						
Motor spirit	1 559	1 889	1 719	1 882	2 331	2 462
Kerosene and jet fuel	466	669	655	695	850	832
Naphtha	-	-	-	-	-	-
Gas/diesel oil	1 450	2 021	1 850	2 064	2 523	2 781
Residual fuel oil	798	1 161	1 229	1 381	1 673	1 799
Total imports	327	307	292	309	444	434
Total exports	2 790	4 570	4 472	5 011	6 568	6 696
Bunkers	94	102	111	112	116	147
Stock changes	-319	31	90	-71	14	-249
Gross inland consumption	-2 860	-4 322	-4 197	-4 884	-6 224	-6 656
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	1	1	-	1
United Kingdom	-	-	1	-	-	1
Norway	-	-	9	12	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	17	24	2	2	4	26
Kerosene and jet fuel	22	26	25	25	23	-
Gas/diesel oil	39	71	51	39	123	87
Residual fuel oil	138	97	118	124	159	158
Exports by product						
<i>among which:</i>						
Motor spirit	1 155	1 585	1 396	1 563	2 062	2 177
Kerosene and jet fuel	386	489	483	415	544	495
Gas/diesel oil	667	1 444	1 401	1 651	2 180	2 194
Residual fuel oil	415	639	742	979	1 347	1 417
Consumption						
Inputs to electricity plants	206	233	239	150	168	182
Inputs to heating plants	206	245	175	104	65	54
Non-energy use	120	125	146	161	206	227
Final energy consumption	1 311	1 368	1 355	1 336	1 454	1 548
Industry						
<i>among which by product:</i>						
Gas/diesel oil	26	24	21	23	25	37
Residual fuel oil	140	127	79	38	47	46

 eurostat	LIETUVA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	3	3	1	1	-	-
Non-met. mineral prod.	90	89	52	14	27	35
Food, drink, tobacco	46	32	20	20	19	19
Pulp, paper and print	1	1	1	1	-	-
Engineering & metal	3	5	5	2	2	1
Other industries	24	21	22	23	24	32
Transport	1 008	1 098	1 133	1 156	1 270	1 343
<i>among which:</i>						
Motor spirit	372	368	359	357	342	335
Jet fuel	26	34	30	32	38	45
Diesel oil	502	582	607	609	699	757
Services & households etc.	128	113	115	112	105	110
<i>among which:</i>						
Gas oil	39	33	38	37	39	43
Residual fuel oil	12	7	6	7	5	4
Stocks at end of period						
Crude oil and feedstocks	386	262	181	256	443	232
Petroleum products	597	728	638	709	695	944


5. Natural gas

 eurostat	LIETUVA					
	in TJ (GCV)					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	96 041	99 763	100 879	109 549	108 991	115 949
Total exports	-	-	-	-	-	-
Stock changes	-37	74	74	-37	223	-744
Gross inland consumption	96 004	99 837	100 953	109 512	109 214	115 205
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	96 041	99 763	100 879	109 549	108 991	115 949
Consumption						
Inputs to electricity plants	33 304	35 771	34 242	40 590	45 250	48 561
Inputs to heat plants	18 844	15 672	17 317	18 122	14 307	14 326
Consumption of energy branch	155	524	565	501	500	862
Distribution losses	1 225	1 150	706	1 106	993	467
Non-energy use	25 241	28 344	28 121	28 522	25 147	26 986
Industry	9 501	10 096	11 286	11 549	12 629	13 476
<i>among which:</i>						
Iron&steel industry	13	28	4	7	59	56
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	215	212	279	390	2 057	2 243
Non-met. mineral prod.	1 973	2 052	1 422	1 424	1 318	1 793
Food, drink, tobacco	3 227	3 206	4 212	4 473	4 123	4 104
Pulp, paper and print	1 289	1 488	1 017	468	59	71
Engineering & metal	1 202	1 062	1 275	1 402	1 537	1 492
Other industries	658	805	1 637	1 815	2 003	2 315
Transport	-	-	-	-	-	-
Services & households etc.	7 392	7 875	8 213	8 556	9 738	9 932
<i>among which:</i>						
Households	4 840	5 000	5 124	5 466	5 909	6 255
Services	1 447	1 578	1 790	1 861	2 415	2 353


6.1 Hard coal

 eurostat	LIETUVA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	130	106	223	295	264	293
Total exports	-	-	-	-	-	2
Stock changes	-	9	-12	-24	-1	-7
Gross inland consumption	130	115	211	271	263	284
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	124	99	215	286	258	291
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	12	13	11	12	12	11
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	-	-	74	124	125	129
Food, drink, tobacco	3	2	3	2	1	2
Pulp, paper and print	1	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	1	1	1	3	2	2
Services & households etc.	112	98	120	129	121	138

6.2 Coal derivatives and peat

	LIETUVA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	84	70	100	92	100	70
Brown coal briquettes	10	9	11	15	15	11
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	12	10	10	12	12	18
<i>among which:</i>						
Iron & steel industry	1	-	-	-	-	2
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	31	28	30	28	27	26
<i>among which:</i>						
Industry	8	6	2	2	2	-
Services & households	23	22	28	26	25	26
Brown coal briquettes	10	9	11	16	19	18
<i>among which:</i>						
Industry	-	-	-	-	1	1
Services & households	10	9	11	16	18	17
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

		LIETUVA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	656	658	706	708	745	777
Hydro (excl. pumping)		29	28	30	28	36	39
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		-	-	9	3	3	3
Biomass		627	630	666	677	706	735
<i>among which:</i>							
Wood, wood-waste		627	630	665	675	701	722
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	1	2	2	2
Gross inland consumption		649	682	703	708	736	758
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	9	3	3	3
Biomass		39	68	100	122	154	151
<i>among which:</i>							
Wood, wood-waste		39	68	99	121	153	150
Municipal waste		-	-	-	-	-	-
Biogas		-	-	1	1	1	1
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	579	585	592	594	576	574
<i>by sector:</i>							
Industry		31	46	81	99	103	101
Services & households etc.		548	539	511	494	473	470
Transport		-	-	-	-	1	3
<i>by source:</i>							
Biomass		579	585	592	594	576	574
<i>among which:</i>							
Wood, wood-waste		579	585	591	593	575	570
Municipal waste		-	-	-	-	-	-
Biogas		-	-	1	1	1	1
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		22	31	25	29	43	45
Hydro with installed capacity > 1 & <10 MW		5	10	11	12	18	21
Hydro with installed capacity > 10 MW		313	284	317	284	359	385
Wood, Wood-waste		-	2	4	6	4	3
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	2	4

eurostat		LIETUVA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		9	9	9	13	19	19
Hydro with installed capacity > 1 & <10 MW		4	4	4	6	8	8
Hydro with installed capacity > 10 MW		90	90	90	90	90	90
Wood, Wood-waste		-	2	2	2	2	2
Municipal waste		-	-	-	-	-	-
Biogas		-	-	2	2	3	3
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	4	14
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

		LUXEMBOURG					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	57	50	56	60	73	74
Net energy imports		3 620	3 687	3 939	4 142	4 521	4 606
Net oil imports		2 332	2 396	2 498	2 682	2 937	3 066
Net gas imports		670	695	1 053	1 064	1 199	1 179
Gross inland energy consumption		3 628	3 765	3 980	4 196	4 606	4 698
Final energy consumption		3 549	3 693	3 734	3 955	4 336	4 424
Industry		958	921	888	890	962	937
Transport		1 877	1 986	2 126	2 330	2 579	2 708
Services and households etc.		714	787	720	735	794	779
Gross electricity generation	GWh	1 175	1 243	3 676	3 612	4 145	4 129
Final electricity consumption		5 716	5 633	5 673	6 015	6 377	6 158
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	21 290	21 826	22 665	22 969	23 804	24 748
Population	1000 per.	434	439	444	448	452	455
Industry added value	Mio EUR	3 884	3 874	4 059	4 109	4 274	4 246
Total imports (current prices)	Mio EUR	22 674	24 040	24 275	25 612	28 262	30 877
among which:							
All energy commodities		771	663	660	706	960	1 317
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	170.4	172.5	175.6	182.7	193.5	189.9
Final energy consumption / GDP(95)		166.7	169.2	164.8	172.2	182.1	178.8
Energy intensity of industry:							
Final consumption / gross value-added mp		246.6	237.8	218.9	216.5	225.2	220.7
Energy intensity of service sector:							
Final consumption / gross value-added mp		7.1	7.2	5.8	6.1	6.4	6.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	8 366	8 577	8 963	9 360	10 200	10 326
Final energy consumption / capita		8 184	8 413	8 411	8 822	9 601	9 724
Household consumption / capita		1 374	1 507	1 383	1 393	1 478	1 427
Final electricity consumption / capita	kWh/cap.	13 183	12 831	12 777	13 417	14 121	13 534
Energy dependency							
Net energy imports / Gross consumption	in %	99.8	97.9	99.0	98.7	98.1	98.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	97.8	98.1	93.8	94.3	94.1	94.2
Efficiency of thermal power stations		68.5	72.3	59.0	59.2	58.6	57.7


2. Energy balance

Principal aggregates by product


 eurostat	LUXEMBOURG					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	57	50	56	60	73	74
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	10	2	10	7	9	8
Biomass	44	46	44	51	59	59
Imports						
Total	3 701	3 782	4 209	4 395	4 805	4 890
among which:						
Hard coal	120	106	89	74	90	78
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	2 350	2 427	2 515	2 696	2 952	3 080
Natural Gas	670	695	1 053	1 064	1 199	1 179
Electricity	555	549	548	557	559	550
Exports						
Total	81	95	269	253	284	284
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	18	31	17	14	15	15
Natural gas	-	-	-	-	-	-
Electricity	63	64	253	239	269	269
Gross inland consumption						
Total	3 628	3 765	3 980	4 196	4 606	4 698
among which:						
Solid fuels	125	110	93	78	94	82
Crude oil and petrol. prod.	2 283	2 425	2 482	2 676	2 950	3 084
Natural gas	670	695	1 053	1 064	1 199	1 179
Nuclear Energy	-	-	-	-	-	-
Renewables	57	50	56	60	73	74
Transformation input						
Total	75	87	449	466	563	568
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	28	30	29	36	43	43
Transformation output						
Total	52	63	265	276	330	328
among which:						
Electricity	25	29	228	229	278	274
Heat	27	34	36	47	51	55

eurostat	LUXEMBOURG					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	3 549	3 693	3 734	3 955	4 336	4 424
<i>among which:</i> Solid fuels	125	110	93	78	94	82
Petroleum products	2 266	2 411	2 469	2 664	2 946	3 065
Natural Gas	623	637	633	633	680	678
Renewables	16	16	15	16	16	16
Electricity	491	484	488	517	548	529
Final energy consumption by sector						
Industry						
Total	958	921	888	890	962	937
<i>among which:</i> Solid fuels	124	109	92	78	94	81
Petroleum Products	73	67	53	49	56	73
Natural Gas	413	406	405	398	427	421
Renewables	-	-	-	-	-	-
Electricity	331	318	318	342	360	342
Transport						
Total	1 877	1 986	2 126	2 330	2 579	2 708
<i>among which:</i> Motor spirit	607	598	584	595	556	510
Diesel oil	939	1 030	1 154	1 333	1 585	1 756
Jet fuel	320	346	375	390	425	431
Electricity	8	9	9	9	9	8
Services&households						
Total	714	787	720	735	794	779
<i>among which:</i> Solid fuels	1	1	1	0	0	0
Gas oil	313	352	295	291	317	288
Natural Gas	210	231	228	236	253	257
Renewables	16	16	15	16	15	16
Electricity	152	158	161	166	179	179
Heat	9	13	16	23	26	35


3.1 Electricity balance

 eurostat	in GWh	LUXEMBOURG					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		1 175	1 243	3 676	3 612	4 145	4 129
<i>among which:</i>							
Hydro		862	877	994	917	859	877
Wind		27	26	25	26	39	53
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		286	339	2 656	2 668	3 238	3 181
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		234	279	2 593	2 603	3 153	3 106
Derived gases		-	-	-	-	-	-
Biomass		52	60	63	65	85	75
Industrial wastes		-	-	-	-	-	-
Total net generation		1 147	1 179	3 618	3 559	4 107	4 086
Imports and exports							
Total imports		6 457	6 390	6 377	6 481	6 506	6 392
Total exports		735	744	2 939	2 777	3 132	3 131
Consumption and losses							
Consumption of the energy branch		298	225	362	307	332	346
<i>of which:</i>							
Consumption for pumped-storage		270	162	305	255	303	321
Network losses		141	173	197	153	48	102
Final energy consumption		5 716	5 633	5 673	6 015	6 377	6 158
<i>of which:</i>							
Industry		3 852	3 693	3 694	3 978	4 191	3 979
<i>among which:</i>							
Iron&steel industry		1 924	1 903	1 960	1 874	1 913	1 880p
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		333	309	299	362	392	360p
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		94	87	84	102	110	105p
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		712	661	640	777	841	769p
Other industries		386	359	348	422	458	430p
Transport		97	101	104	104	105	95
Services & households etc.		1 767	1 839	1 875	1 933	2 081	2 084
<i>among which:</i>							
Households		695	723	737	750	807	810p


3.2 Electrical capacity, fuel inputs and heat


		LUXEMBOURG					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	1 226	1 208	1 596	1 612	1 632	1 274
<i>by source:</i>							
Conventional thermal		74	65	443	452	459	101
<i>of which:</i>							
Steam		9	9	9	9	9	9p
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		47	47	66	65	72	73
Nuclear		-	-	-	-	-	-
Hydro		1 138	1 128	1 138	1 138	1 138	1 138
<i>among which:</i>							
Pumped storage		1 100	1 100	1 100	1 100	1 100	1 100
Wind		14	15	15	22	35	35
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		1 148	1 140	1 490	1 491	1 491	1 491p
Autoproducers		79	87	107	136	165	167
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	75	87	449	466	563	568
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		47	57	420	431	520	525
Renewables		28	30	29	36	43	43
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	27	34	36	47	51	55
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		27	34	36	47	51	55
<i>of which: in industry</i>							
		17	21	20	23	26	20
<i>in households and services</i>							
		9	13	16	23	26	35
<i>among which: in households</i>							
		9	13	16	23	26	35

4.1 Crude oil and feedstocks


 eurostat	LUXEMBOURG						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production	-	-	-	-	-	-	-
Total imports	-	-	-	-	-	-	-
Total exports	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-
Refinery intake	-	-	-	-	-	-	-
Imports of Crude Oil by origin							
<i>by region of origin:</i>							
OPEC	-	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-
<i>by country of origin:</i>							
Algeria	-	-	-	-	-	-	-
Irak	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	LUXEMBOURG					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	-	-	-	-	-	-
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Total imports	2 295	2 372	2 459	2 638	2 893	3 023
Total exports	17	30	16	13	14	14
Bunkers	-	-	-	-	-	-
Stock changes	-48	28	-16	-6	13	18
Gross inland consumption	2 230	2 370	2 427	2 619	2 892	3 027
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	72	71	76	126	269	346
United Kingdom	-	-	-	-	-	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	595	574	554	573	529	479
Kerosene and jet fuel	319	331	371	378	412	421
Gas/diesel oil	1 333	1 416	1 491	1 646	1 915	2 083
Residual fuel oil	6	7	6	5	4	2
Exports by product						
<i>among which:</i>						
Motor spirit	3	3	2	1	1	1
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	8	21	8	5	6	8
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	14	12	11	14	13	21
Final energy consumption	2 213	2 356	2 414	2 607	2 887	3 006
Industry						
<i>among which by product:</i>						
Gas/diesel oil	50	45	32	31	42	62
Residual fuel oil	6	7	6	5	4	2

 eurostat	LUXEMBOURG						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Industry							
<i>among which by sector:</i>							
Iron&steel industry		9	6	4	2	2	2
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		5	5	4	3	3	3
Non-met. mineral prod.		8	8	5	5	7	5
Food, drink, tobacco		4	3	3	3	4	4
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		40	39	29	29	32	51
Transport		1 821	1 928	2 067	2 268	2 515	2 645
<i>among which:</i>							
Motor spirit		578	569	556	566	529	485
Jet fuel		312	337	365	380	414	420
Diesel oil		929	1 019	1 142	1 319	1 569	1 738
Services & households etc.		321	362	295	291	317	289
<i>among which:</i>							
Gas oil		310	348	292	288	314	285
Residual fuel oil		-	-	-	-	-	-
Stocks at end of period							
Crude oil and feedstocks		-	-	-	-	-	-
Petroleum products		136	108	124	130	117	99


5. Natural gas

 eurostat	LUXEMBOURG						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		31 191	32 311	48 986	49 499	55 794	54 829
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		31 191	32 311	48 986	49 499	55 794	54 829
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		28 775	28 519	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		2 195	2 662	19 541	20 039	24 177	24 434
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Distribution losses		21	-	-	-	-	-
Non-energy use		-	-	-	-	-	-
Industry		19 191	18 889	18 843	18 496	19 849	19 584
<i>among which:</i>							
Iron&steel industry		6 868	7 025	8 343	8 231	8 568	7 906
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		12 323	11 864	10 500	10 265	11 281	11 678
Transport		-	-	-	-	-	-
Services & households etc.		9 784	10 760	10 602	10 964	11 768	11 942
<i>among which:</i>							
Households		9 784	10 760	10 602	10 964	11 768	11 942
Services		0	0	0	0	0	0


6.1 Hard coal

 eurostat	LUXEMBOURG					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	171	152	127	106	129	111
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	171	152	127	106	129	111
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	-	-	-	-	-	-
South Africa	114	81	55	45	62	49
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	39	38	47	42	40	34
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	132	114	80	64	89	77
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

	LUXEMBOURG					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
<i>among which:</i>						
Iron & steel industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	11	8	8	8	8	8
<i>among which:</i>						
Industry	9	6	6	7	7	7
Services & households	2	2	2	1	1	1
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

		LUXEMBOURG					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	57	50	56	60	73	74
Hydro (excl. pumping)		10	2	10	7	9	8
Wind		2	2	2	2	3	5
Solar		-	0	0	0	1	2
Geothermal		-	-	-	-	-	-
Biomass		44	46	44	51	59	59
<i>among which:</i>							
Wood, wood-waste		16	16	15	15	15	15
Municipal solid waste		27	28	27	31	38	36
Biogas		1	2	2	4	5	7
Gross inland consumption		57	50	56	60	73	74
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	-	-	-	-
Biomass		28	30	29	36	43	43
<i>among which:</i>							
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		27	28	27	31	38	36
Biogas		1	2	2	4	5	7
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	16	16	15	16	16	16
<i>by sector:</i>							
Industry		-	-	-	-	-	-
Services & households etc.		16	16	15	16	15	16
Transport		-	-	-	-	1	1
<i>by source:</i>							
Biomass		16	16	15	15	16	16
<i>among which:</i>							
Wood, wood-waste		16	16	15	15	15	15
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	1	1	1	9	18
Hydro with installed capacity < 1 MW		6	6	5	5	5	5
Hydro with installed capacity > 1 & <10 MW		114	127	108	72	95	85
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		52	51	52	48	76	48
Biogas		4	8	9	17	20	27

eurostat		LUXEMBOURG					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	18	24	25
Hydro with installed capacity < 1 MW		2	2	2	2	6	6
Hydro with installed capacity > 1 & <10 MW		36	26	36	37	32	32
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		9	9	9	9	9	9
Biogas		-	-	-	2	5	5
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	1	1
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2	2	2	3	4	4


1. Energy economy


Key figures and energy indicators

		MAGYARORSZÁG					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	11 207	10 835	11 121	10 578	10 133	10 321
Net energy imports		14 011	13 881	14 736	16 250	15 907	17 558
Net oil imports		5 352	4 828	4 772	4 713	4 856	5 875
Net gas imports		7 283	7 783	8 705	9 940	9 278	9 807
Gross inland energy consumption		25 000	25 471	25 863	26 756	26 293	27 920
Final energy consumption		15 774	16 461	17 000	17 621	17 432	18 055
Industry		3 489	3 565	3 769	3 503	3 332	3 427
Transport		3 252	3 403	3 587	3 736	3 868	4 175
Services and households etc.		9 033	9 493	9 645	10 382	10 231	10 453
Gross electricity generation	GWh	35 191	36 418	36 161	34 145	33 708	35 755
Final electricity consumption		29 441	30 543	31 484	31 396	31 818	32 336
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	41 545	43 237	45 128	47 012	49 275	51 311
Population	1000 per.	10 222	10 200	10 175	10 142	10 117	10 098
Industry added value	Mio EUR	12 739	12 877	13 313	13 880	14 418	14 989
Total imports (current prices)	Mio EUR	34 229	36 046	38 490	42 064	47 978	51 309
among which:							
All energy commodities		:	:	:	:	1 807	3 498
Oil products		:	:	:	:	511	1 015
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	601.8	589.1	573.1	569.1	533.6	544.1
Final energy consumption / GDP(95)		379.7	380.7	376.7	374.8	353.8	351.9
Energy intensity of industry:							
Final consumption / gross value-added mp		273.9	276.8	283.1	252.4	231.1	228.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		140.2	141.1	124.2	125.6	138.8	130.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 446	2 497	2 542	2 638	2 599	2 765
Final energy consumption / capita		1 543	1 614	1 671	1 737	1 723	1 788
Household consumption / capita		516	550	592	654	599	632
Final electricity consumption / capita	kWh/cap.	2 880	2 994	3 094	3 096	3 145	3 202
Energy dependency							
Net energy imports / Gross consumption	in %	56.0	54.5	57.0	60.7	60.5	62.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	63.1	64.6	65.7	65.9	66.3	64.7
Efficiency of thermal power stations		50.1	50.9	48.8	47.2	48.9	50.3


2. Energy balance

Principal aggregates by product


 eurostat	MAGYARORSZAG					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	11 207	10 835	11 121	10 578	10 133	10 321
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	2 893	2 664	2 683	2 709	2 182	1 748
Crude oil	1 665	1 560	1 595	1 590	1 545	1 389
Natural Gas	2 475	2 477	2 356	2 286	2 367	2 331
Nuclear heat	3 658	3 644	3 599	2 841	3 074	3 569
Hydro-electricity	15	16	17	15	18	17
Biomass	415	387	784	818	860	1 073
Imports						
Total	16 433	16 875	18 031	19 392	19 001	21 635
among which:						
Hard coal	1 116	835	678	888	1 065	1 304
Crude oil and feedstocks	5 867	5 706	5 153	5 387	5 597	6 523
Petroleum products	1 188	1 397	2 153	1 802	2 015	2 504
Natural Gas	7 347	7 786	8 705	9 940	9 278	9 807
Electricity	819	894	1 084	1 210	905	1 345
Exports						
Total	2 422	2 994	3 296	3 142	3 094	4 077
among which:						
Crude oil and feedstocks	1	-	11	13	151	356
Petroleum products	1 703	2 275	2 522	2 464	2 606	2 795
Natural gas	65	3	-	-	-	-
Electricity	523	622	718	614	263	809
Gross inland consumption						
Total	25 000	25 471	25 863	26 756	26 293	27 920
among which:						
Solid fuels	3 967	3 640	3 600	3 740	3 442	3 090
Crude oil and petrol. prod.	6 907	6 703	6 587	6 767	6 430	7 420
Natural gas	9 657	10 711	10 811	11 886	11 712	12 094
Nuclear Energy	3 658	3 644	3 599	2 841	3 074	3 569
Renewables	516	491	889	921	966	1 180
Transformation input						
Total	18 869	18 851	18 106	18 094	17 702	19 059
among which:						
Crude oil and feedstocks	7 588	7 649	7 403	7 506	7 465	8 390
Petroleum products	1 082	1 060	619	497	252	135
Hard coal	955	693	435	675	796	916
Lignite and peat	2 723	2 619	2 612	2 655	2 280	1 715
Renewables	70	75	63	83	244	544
Transformation output						
Total	13 273	13 148	12 340	12 509	12 444	13 574
among which:						
Electricity	3 011	3 115	3 092	2 921	2 880	3 056
Heat	1 645	1 701	1 474	1 523	1 494	1 508

 eurostat	MAGYARORSZAG					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	15 774	16 461	17 000	17 621	17 432	18 055
<i>among which:</i> Solid fuels	696	671	702	687	713	692
Petroleum products	4 173	4 137	4 403	4 435	4 486	4 778
Natural Gas	6 366	7 009	6 988	7 509	7 488	7 736
Renewables	430	400	809	823	702	613
Electricity	2 531	2 626	2 707	2 700	2 736	2 780
Final energy consumption by sector						
Industry						
Total	3 489	3 565	3 769	3 503	3 332	3 427
<i>among which:</i> Solid fuels	447	423	427	408	489	440
Petroleum Products	267	193	324	293	231	260
Natural Gas	1 370	1 560	1 572	1 468	1 301	1 320
Renewables	-	-	18	51	58	76
Electricity	757	811	882	824	817	797
Transport						
Total	3 252	3 403	3 587	3 736	3 868	4 175
<i>among which:</i> Motor spirit	1 408	1 464	1 500	1 499	1 522	1 552
Diesel oil	1 532	1 621	1 782	1 896	1 993	2 259
Jet fuel	219	218	205	201	218	230
Electricity	87	89	87	90	94	94
Services&households						
Total	9 033	9 493	9 645	10 382	10 231	10 453
<i>among which:</i> Solid fuels	244	240	267	274	220	247
Gas oil	346	290	293	272	268	223
Natural Gas	4 994	5 447	5 414	6 039	6 185	6 414
Renewables	430	400	791	772	644	537
Electricity	1 688	1 726	1 738	1 786	1 825	1 889
Heat	930	1 041	846	1 008	870	921


3.1 Electricity balance

 eurostat	MAGYARORSZAG					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	35 191	36 418	36 161	34 145	33 708	35 755
<i>among which:</i>						
Hydro	178	186	194	171	205	203
Wind	-	1	1	4	6	10
Geothermal	-	-	-	-	-	-
Nuclear	14 180	14 126	13 953	11 013	11 915	13 834
Conventional thermal	20 833	22 105	22 013	22 957	21 582	21 708
<i>of which:</i>						
Hard coal	67	50	93	307	432	343
Lignite and peat	9 523	8 789	8 890	8 863	7 746	6 680
Petroleum products	4 404	4 193	2 137	1 626	773	455
Natural gas	6 612	8 866	10 740	11 883	11 719	12 377
Derived gases	117	84	80	84	161	123
Biomass	-	123	70	194	751	1 716
Industrial wastes	110	-	3	-	-	14
Total net generation	32 259	33 702	33 480	31 379	31 262	33 215
Imports and exports						
Total imports	9 523	10 403	12 605	14 077	10 524	15 637
Total exports	6 083	7 232	8 349	7 138	3 056	9 410
Consumption and losses						
Consumption of the energy branch	4 350	4 370	4 531	5 448	5 378	5 705
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	4 840	4 676	4 399	4 240	3 980	3 941
Final energy consumption	29 441	30 543	31 484	31 396	31 818	32 336
<i>of which:</i>						
Industry	8 799	9 434	10 255	9 585	9 497	9 271
<i>among which:</i>						
Iron&steel industry	579	644	685	645	593	759
Non-ferrous metals	989	514	1 085	1 053	1 058	906
Chemical industry	2 803	3 057	3 048	2 050	2 102	2 127
Non-met. mineral prod.	871	971	977	966	971	913
Food, drink, tobacco	1 092	1 389	1 403	1 538	1 362	1 233
Pulp, paper and print	510	464	450	490	511	579
Engineering & metal	869	1 252	1 432	1 551	1 763	2 008
Other industries	759	849	885	974	857	484
Transport	1 015	1 031	1 015	1 045	1 093	1 096
Services & households etc.	19 627	20 078	20 214	20 766	21 228	21 969
<i>among which:</i>						
Households	9 792	10 130	10 440	11 063	11 032	11 115


3.2 Electrical capacity, fuel inputs and heat


		MAGYARORSZAG					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	8 282	8 392	8 513	8 708	8 630	8 569
<i>by source:</i>							
Conventional thermal		6 383	6 478	6 599	6 788	6 715	6 654
<i>of which:</i>							
Steam		5 020	5 022	5 001	5 012	4 478	4 608
Gas turbine		580	580	410	691	678	633
Combined cycle		783	876	986	835	1 130	950
Internal combustion		-	-	-	-	-	-
Nuclear		1 851	1 866	1 866	1 866	1 866	1 866
Hydro		48	48	48	54	49	49
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		8 084	8 196	8 317	8 126	8 444	8 451
Autoproducers		198	196	196	585	189	135
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	5 985	6 108	5 920	6 386	5 757	5 659
<i>among which:</i>							
Hard coal		23	16	27	107	155	220
Lignite and peat		2 708	2 556	2 567	2 615	2 222	1 704
Petroleum products		1 052	1 039	583	458	204	122
Natural gas		2 010	2 324	2 584	3 052	2 842	2 992
Renewables		62	65	51	72	234	530
Heating plants		471	570	569	604	635	629
<i>among which:</i>							
Hard coal		-	1	1	6	28	79
Lignite and peat		1	44	45	34	54	10
Petroleum products		21	16	15	16	31	13
Natural gas		441	500	496	502	483	472
Renewables		8	10	13	10	10	13
Heat production and consumption							
Total heat production	TJ	1 645	1 701	1 474	1 523	1 494	1 508
<i>among which: in heating plants</i>							
		421	477	461	470	518	513
Heat consumption		1 440	1 517	1 297	1 362	1 223	1 297
<i>of which: in industry</i>							
		510	476	451	353	352	376
<i>in households and services</i>							
		930	1 041	846	1 008	870	921
<i>among which: in households</i>							
		668	748	607	709	673	703

4.1 Crude oil and feedstocks


 eurostat	MAGYARORSZAG					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	1 649	1 540	1 582	1 598	1 560	1 412
Total imports	5 809	5 634	5 110	5 413	5 651	6 630
Total exports	1	-	11	13	152	362
Stock changes	-81	212	21	-4	-152	-44
Refinery intake	7 512	7 551	7 336	7 524	7 516	8 489
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	77	-	15	23
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	-	5 622	4 942	5 273	5 425	6 453
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	MAGYARORSZAG					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	7 483	7 450	7 164	7 398	7 416	8 380
<i>among which:</i>						
Motor spirit	1 253	1 403	1 573	1 477	1 465	1 317
Kerosene and jet fuel	201	179	184	202	239	266
Naphtha	803	760	742	835	842	1 155
Gas/diesel oil	2 466	2 547	3 096	3 142	2 989	3 515
Residual fuel oil	1 442	1 291	358	367	313	218
Total imports	1 170	1 372	2 135	1 785	1 983	2 458
Total exports	1 695	2 249	2 528	2 526	2 681	2 898
Bunkers	-	-	-	-	-	-
Stock changes	-34	103	121	-92	6	-68
Gross inland consumption	-559	-774	-272	-82	-525	-145
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	2	-	3	-	5
United Kingdom	-	-	-	-	-	-
Norway	6	-	1	-	-	-
OPEC	1	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	178	244	292	288	372	515
Kerosene and jet fuel	40	50	59	-	-	74
Gas/diesel oil	352	530	992	881	1 173	1 341
Residual fuel oil	247	158	503	404	205	123
Exports by product						
<i>among which:</i>						
Motor spirit	312	504	496	343	342	340
Kerosene and jet fuel	14	11	47	5	22	120
Gas/diesel oil	788	957	1 293	1 373	1 298	1 377
Residual fuel oil	172	242	54	83	109	56
Consumption						
Inputs to electricity plants	1 101	1 084	604	478	213	128
Inputs to heating plants	22	16	16	17	28	13
Non-energy use	1 252	1 018	1 209	1 067	1 495	1 937
Final energy consumption	4 060	4 021	4 294	4 334	4 365	4 685
Industry						
<i>among which by product:</i>						
Gas/diesel oil	19	43	120	31	26	37
Residual fuel oil	242	143	149	160	169	67

 eurostat	MAGYARORSZAG					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	44	1	-	-	3	-
Non-ferrous metals	3	2	-	2	-	2
Chemical industry	42	-	37	56	38	64
Non-met. mineral prod.	97	72	101	191	104	158
Food, drink, tobacco	60	68	55	22	57	25
Pulp, paper and print	8	10	10	7	8	8
Engineering & metal	8	6	5	10	3	3
Other industries	6	14	7	14	13	22
Transport	3 069	3 211	3 393	3 538	3 665	3 966
<i>among which:</i>						
Motor spirit	1 340	1 393	1 427	1 426	1 448	1 477
Jet fuel	213	212	200	196	212	224
Diesel oil	1 516	1 604	1 764	1 877	1 973	2 236
Services & households etc.	715	612	564	481	466	424
<i>among which:</i>						
Gas oil	342	287	290	269	265	221
Residual fuel oil	48	55	34	17	12	6
Stocks at end of period						
Crude oil and feedstocks	1 757	1 333	1 263	799	947	992
Petroleum products	2 381	2 269	2 145	1 471	1 425	1 548


5. Natural gas

 eurostat	MAGYARORSZAG						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		115 143	115 224	109 582	106 329	110 100	108 422
Total imports		341 792	362 207	404 952	462 396	431 618	456 244
Total exports		3 004	134	-	-	-	-
Stock changes		-4 699	20 962	-11 627	-15 786	3 135	-2 056
Gross inland consumption		449 232	498 259	502 907	552 939	544 853	562 610
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		298 951	319 474	362 278	419 493	347 748	335 020
Consumption							
Inputs to electricity plants		93 517	108 115	120 217	142 000	132 233	139 181
Inputs to heat plants		20 510	23 250	23 092	23 372	22 461	21 937
Consumption of energy branch		9 298	9 659	8 132	8 005	7 084	13 535
Distribution losses		14 552	15 719	13 326	15 561	16 058	11 274
Non-energy use		15 187	15 408	9 680	10 188	14 949	16 728
Industry		63 741	72 574	73 117	68 291	60 530	61 393
<i>among which:</i>							
Iron&steel industry		5 837	6 650	7 083	6 085	5 833	6 416
Non-ferrous metals		4 749	5 412	5 450	5 106	5 240	4 636
Chemical industry		12 528	12 013	11 387	10 047	8 213	9 174
Non-met. mineral prod.		15 211	17 459	16 851	15 292	12 748	12 109
Food, drink, tobacco		12 058	16 321	16 986	15 698	13 853	12 106
Pulp, paper and print		2 855	3 186	3 502	3 720	3 086	2 786
Engineering & metal		7 240	7 663	7 947	8 568	8 488	10 103
Other industries		2 093	2 498	2 429	2 305	1 851	2 898
Transport		78	86	89	93	91	124
Services & households etc.		232 311	253 399	251 861	280 939	287 742	298 380
<i>among which:</i>							
Households		140 739	153 681	158 788	183 608	166 001	182 742
Services		82 486	89 600	82 854	87 940	111 805	105 411


6.1 Hard coal

 eurostat	MAGYARORSZAG					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	1 664	1 220	1 080	1 403	1 721	2 153
Total exports	-	-	1	1	6	2
Stock changes	14	89	28	39	-	-74
Gross inland consumption	1 678	1 309	1 107	1 441	1 715	2 077
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	35	-	32	88	115
Colombia	-	-	-	-	-	-
Russia	226	118	78	273	643	600
South Africa	-	-	-	-	-	-
USA	51	-	29	7	3	52
Consumption						
Inputs to electricity plants	51	30	49	188	296	493
Inputs to heat plants	-	1	1	11	54	165
Consumption of energy branch	-	-	-	-	-	-
Industry	112	144	116	65	121	192
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	112	141	112	65	121	189
Food, drink, tobacco	-	-	-	-	-	2
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	209	192	387	407	353	371

6.2 Coal derivatives and peat

	MAGYARORSZAG					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	937	682	432	593	664	614
Patent Fuel	-	-	-	-	-	-
Lignite and peat	14 033	13 914	13 027	13 301	11 242	9 570
Brown coal briquettes	90	90	4	29	35	30
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	7 784	4 405	2 848	4 416	4 337	4 563
Blast-furnace gas	7 617	6 749	7 242	6 502	5 448	7 784
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	506	486	498	514	587	474
<i>among which:</i>						
Iron & steel industry	480	455	464	482	549	448
Services & households	13	11	9	8	8	1
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	569	544	244	235	136	103
<i>among which:</i>						
Industry	131	40	29	37	28	3
Services & households	426	490	215	190	108	100
Brown coal briquettes	76	80	67	63	40	41
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	73	73	61	57	35	36
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	3 057	1 242	538	1 412	1 805	1 758
Blast-furnace gas	3 016	2 655	3 020	2 378	742	3 270
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	5 541	4 523	4 585	3 467	4 231	3 701
Inputs to heat plants	-	-	-	1 455	1 217	1 789
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	6 073	3 897	3 558	3 790	2 547	5 028


7. Renewable energy sources

		MAGYARORSZAG					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	516	491	889	921	966	1 180
Hydro (excl. pumping)		15	16	17	15	18	17
Wind		-	0	0	0	1	1
Solar		-	1	2	2	2	2
Geothermal		86	86	86	86	86	87
Biomass		415	387	784	818	860	1 073
<i>among which:</i>							
Wood, wood-waste		356	323	734	777	821	1 000
Municipal solid waste		58	62	48	36	33	66
Biogas		-	2	2	5	6	7
Gross inland consumption		516	491	889	921	966	1 180
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		6	7	7	7	6	6
Biomass		65	68	56	76	238	538
<i>among which:</i>							
Wood, wood-waste		6	4	6	37	201	469
Municipal waste		58	62	48	36	33	66
Biogas		-	2	2	3	4	3
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	430	400	809	823	702	613
by sector:							
Industry		-	-	18	51	58	76
Services & households etc.		430	400	791	772	644	537
Transport		-	-	-	-	-	-
by source:							
Biomass		350	319	728	742	620	531
<i>among which:</i>							
Wood, wood-waste		350	319	728	740	619	531
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	2	1	-
Geothermal		80	79	79	79	80	80
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	-	-	12	14
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	31	35
Hydro with installed capacity > 10 MW		-	-	-	-	162	153
Wood, Wood-waste		-	-	-	-	678	1 574
Municipal waste		-	-	-	-	52	118
Biogas		-	-	-	-	-	-

eurostat	MAGYARORSZAG					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	1	1	1	1	3	5
Hydro with installed capacity > 1 & <10 MW	8	8	8	8	9	7
Hydro with installed capacity > 10 MW	39	39	39	45	39	37
Wood, Wood-waste	5	5	44	40	189	337
Municipal waste	24	24	25	25	25	24
Biogas	-	-	-	-	-	-
Liquid biofuels						
Production	<i>1000 t</i>					
	-	-	-	-	-	-
Solar Panels						
Solar panel surface	<i>1000 m²</i>					
	-	-	-	-	-	45


1. Energy economy

Key figures and energy indicators

		MALTA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	-	-	-	-	-	-
Net energy imports		818	746	897	897	918	953
Net oil imports		818	746	897	897	918	953
Net gas imports		-	-	-	-	-	-
Gross inland energy consumption		769	724	875	875	895	953
Final energy consumption		408	371	450	465	465	521
Industry		43	42	44	48	47	46
Transport		237	198	270	271	267	328
Services and households etc.		128	131	136	146	151	148
Gross electricity generation	GWh	1 917	1 987	2 052	2 236	2 216	2 240
Final electricity consumption		1 567	1 569	1 657	1 817	1 798	1 720
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	3 469	3 413	3 503	3 492	3 496	3 611
Population	1000 per.	380	391	395	397	400	403
Industry added value	Mio EUR	-	-	-	-	-	-
Total imports (current prices)	Mio EUR	3 067	2 816	2 802	2 967	3 075	3 110
among which:							
All energy commodities		:	:	:	:	109	219
Oil products		:	:	:	:	106	210
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	221.7	212.0	249.7	250.5	256.1	264.1
Final energy consumption / GDP(95)		117.7	108.7	128.4	133.1	133.0	144.4
Energy intensity of industry:							
Final consumption / gross value-added mp		:	:	:	:	:	:
Energy intensity of service sector:							
Final consumption / gross value-added mp		:	:	:	:	:	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 023	1 849	2 217	2 201	2 239	2 367
Final energy consumption / capita		1 074	948	1 140	1 169	1 163	1 295
Household consumption / capita		200	193	198	209	221	220
Final electricity consumption / capita	kWh/cap.	4 122	4 009	4 199	4 573	4 496	4 271
Energy dependency							
Net energy imports / Gross consumption	in %	100.8	100.0	100.0	100.0	100.0	100.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	53.1	51.3	51.4	53.1	51.9	54.7
Efficiency of thermal power stations		33.4	34.3	31.1	34.0	32.6	33.2


2. Energy balance

Principal aggregates by product


 eurostat	MALTA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	-	-	-	-	-	-
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	-	-	-	-	-	-
Biomass	-	-	-	-	-	-
Imports						
Total	818	746	897	897	918	953
among which:						
Hard coal	-	-	-	-	-	-
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	818	746	897	897	918	953
Natural Gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Exports						
Total	-	-	-	-	-	-
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Gross inland consumption						
Total	769	724	875	875	895	953
among which:						
Solid fuels	-	-	-	-	-	-
Crude oil and petrol. prod.	769	724	875	875	895	953
Natural gas	-	-	-	-	-	-
Nuclear Energy	-	-	-	-	-	-
Renewables	-	-	-	-	-	-
Transformation input						
Total	494	488	567	566	585	580
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	494	488	567	566	585	580
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	-	-	-	-	-	-
Transformation output						
Total	165	167	176	192	191	193
among which:						
Electricity	165	167	176	192	191	193
Heat	-	-	-	-	-	-

eurostat	MALTA						
	in 1 000 toe	2000	2001	2002	2003	2004	2005
Final energy consumption							
Total		408	371	450	465	465	521
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Petroleum products	274	236	307	308	310	373
	Natural Gas	-	-	-	-	-	-
	Renewables	-	-	-	-	-	-
	Electricity	135	135	142	156	155	148
Final energy consumption by sector							
Industry							
Total		43	42	44	48	47	46
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Petroleum Products	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Renewables	-	-	-	-	-	-
	Electricity	43	42	44	48	47	46
Transport							
Total		237	198	270	271	267	328
<i>among which:</i>	Motor spirit	64	64	74	74	61	71
	Diesel oil	87	76	117	118	105	166
	Jet fuel	86	59	79	79	101	90
	Electricity	-	-	-	-	-	-
Services&households							
Total		128	131	136	146	151	148
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Gas oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Renewables	-	-	-	-	-	-
	Electricity	91	93	99	108	107	102
	Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	in GWh	MALTA					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		1 917	1 987	2 052	2 236	2 216	2 240
<i>among which:</i>							
Hydro		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		1 917	1 987	2 052	2 236	2 216	2 240
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		1 917	1 987	2 052	2 236	2 216	2 240
Natural gas		-	-	-	-	-	-
Derived gases		-	-	-	-	-	-
Biomass		-	-	-	-	-	-
Industrial wastes		-	-	-	-	-	-
Total net generation		1 802	1 867	1 927	2 111	2 087	2 214
Imports and exports							
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Consumption and losses							
Consumption of the energy branch		115	118	125	125	127	100
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		235	256	270	294	291	296p
Final energy consumption		1 567	1 569	1 657	1 817	1 798	1 720
<i>of which:</i>							
Industry		504	483	510	556	550	534
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		504	483	510	556	550	534
Transport		-	-	-	-	-	-
Services & households etc.		1 063	1 086	1 147	1 261	1 248	1 186
<i>among which:</i>							
Households		559	540	570	627	621	623


3.2 Electrical capacity, fuel inputs and heat


		MALTA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	515	515	515	354	387	921
by source:							
Conventional thermal		515	515	515	354	387	921
<i>of which:</i>							
Steam		300	300	300	206	206	350
Gas turbine		105	105	105	72	72	461
Combined cycle		110	110	110	76	76	110
Internal combustion		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Hydro		-	-	-	-	-	-
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		515	515	515	354	387	921
Autoproducers		-	-	-	-	-	-
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	494	488	567	566	585	580
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		494	488	567	566	585	580
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	-	-	-	-	-	-
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		-	-	-	-	-	-
<i>of which: in industry</i>							
		-	-	-	-	-	-
	in households and services	-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks


 eurostat	MALTA						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production	-	-	-	-	-	-	-
Total imports	-	-	-	-	-	-	-
Total exports	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-
Refinery intake	-	-	-	-	-	-	-
Imports of Crude Oil by origin							
<i>by region of origin:</i>							
OPEC	-	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-
<i>by country of origin:</i>							
Algeria	-	-	-	-	-	-	-
Irak	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	MALTA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	-	-	-	-	-	-
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Total imports	832	763	915	915	938	975
Total exports	-	-	-	-	-	-
Bunkers	43	23	23	23	24	-
Stock changes	-6	-	-	-	-	-
Gross inland consumption	783	740	892	892	914	975
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	61	61	70	70	58	68
Kerosene and jet fuel	89	67	87	87	114	103
Gas/diesel oil	201	117	181	181	160	164
Residual fuel oil	453	489	548	548	577	607
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	513	508	590	589	609	607
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	-	-	-	-	-	-
Final energy consumption	269	232	302	303	305	368
Industry						
<i>among which by product:</i>						
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-

 eurostat	MALTA						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Industry							
<i>among which by sector:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		-	-	-	-	-	-
Transport		231	193	263	264	260	320
<i>among which:</i>							
Motor spirit		61	61	70	70	58	68
Jet fuel		84	57	77	77	98	88
Diesel oil		86	75	116	117	104	164
Services & households etc.		38	39	39	39	45	48
<i>among which:</i>							
Gas oil		-	-	-	-	-	-
Residual fuel oil		-	-	-	-	-	-
Stocks at end of period							
Crude oil and feedstocks		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-


5. Natural gas

 eurostat	in TJ (GCV)	MALTA					
		2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		-	-	-	-	-	-
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Distribution losses		-	-	-	-	-	-
Non-energy use		-	-	-	-	-	-
Industry		-	-	-	-	-	-
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		-	-	-	-	-	-
Transport		-	-	-	-	-	-
Services & households etc.		-	-	-	-	-	-
<i>among which:</i>							
Households		-	-	-	-	-	-
Services		-	-	-	-	-	-


6.1 Hard coal

 eurostat	in 1 000 t	MALTA					
		2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		-	-	-	-	-	-
Imports							
Imports by origin							
<i>among which:</i>							
Australia		-	-	-	-	-	-
Colombia		-	-	-	-	-	-
Russia		-	-	-	-	-	-
South Africa		-	-	-	-	-	-
USA		-	-	-	-	-	-
Consumption							
Inputs to electricity plants							
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Industry							
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		-	-	-	-	-	-
Services & households etc.		-	-	-	-	-	-

6.2 Coal derivatives and peat

	MALTA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
<i>among which:</i>						
Iron & steel industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-

7. Renewable energy sources

 eurostat	MALTA					
	2000	2001	2002	2003	2004	2005
Primary production						
Total primary production	<i>in 1000 toe</i>					
Hydro (excl. pumping)	-	-	-	-	-	-
Wind	-	-	-	-	-	-
Solar	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Biomass	-	-	-	-	-	-
<i>among which:</i>						
Wood, wood-waste	-	-	-	-	-	-
Municipal solid waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Gross inland consumption	-	-	-	-	-	-
Inputs to electricity and heat production						
	<i>in 1000 toe</i>					
Geothermal	-	-	-	-	-	-
Biomass	-	-	-	-	-	-
<i>among which:</i>						
Wood, wood-waste	-	-	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Final consumption of RES (excl. electricity)						
Total	<i>in 1000 toe</i>					
by sector:						
Industry	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-
Transport	-	-	-	-	-	-
by source:						
Biomass	-	-	-	-	-	-
<i>among which:</i>						
Wood, wood-waste	-	-	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Electricity generation from RES						
	<i>in GWh</i>					
Solar photovoltaics	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW	-	-	-	-	-	-
Hydro with installed capacity > 10 MW	-	-	-	-	-	-
Wood, Wood-waste	-	-	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-

eurostat	MALTA					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW	-	-	-	-	-	-
Hydro with installed capacity > 10 MW	-	-	-	-	-	-
Wood, Wood-waste	-	-	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Liquid biofuels						
Production	<i>1000 t</i>					
	-	-	-	-	-	-
Solar Panels						
Solar panel surface	<i>1000 m²</i>					
	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

eurostat		NEDERLAND					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	56 912	60 635	60 130	58 431	67 597	61 834
Net energy imports		34 331	31 491	31 383	35 403	30 050	36 912
Net oil imports		41 673	41 694	40 192	40 921	44 110	47 392
Net gas imports		-17 191	-20 172	-18 450	-16 204	-24 860	-20 941
Gross inland energy consumption		75 712	77 670p	78 284p	80 582	82 368	80 963
Final energy consumption		50 125	50 784	50 646	51 624	52 539	51 588
Industry		13 812	13 781	13 785	14 346	14 884	14 597
Transport		13 820	14 233	14 578	14 672	15 038	15 068
Services and households etc.		22 493	22 769	22 283	22 607	22 618	21 922
Gross electricity generation	GWh	89 615	93 747	95 965	96 775	100 769	100 220
Final electricity consumption		97 938	99 428	99 736	100 520	103 118	104 507
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	390 801	398 327	398 631	399 969	407 780	414 017
Population	1000 per.	15 864	15 987	16 105	16 193	16 258	16 306
Industry added value	Mio EUR	89 428	90 508	90 565	88 567	90 083	89 516
Total imports (current prices)	Mio EUR	270 886	277 527	278 244	283 335	301 432	316 783
among which:							
All energy commodities		24 671	22 138	24 137	25 101	28 529	44 328
Oil products		21 485	17 387	19 645	20 300	24 434	37 767
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	193.7	195.0	196.4	201.5	202.0	195.6
Final energy consumption / GDP(95)		128.3	127.5	127.0	129.1	128.8	124.6
Energy intensity of industry:							
Final consumption / gross value-added mp		154.4	152.3	152.2	162.0	165.2	163.1
Energy intensity of service sector:							
Final consumption / gross value-added mp		32.9	31.3	31.2	32.0	31.2	27.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 773	4 858	4 861	4 976	5 066	4 965
Final energy consumption / capita		3 160	3 177	3 145	3 188	3 232	3 164
Household consumption / capita		648	659	629	648	642	634
Final electricity consumption / capita	kWh/cap.	6 174	6 219	6 193	6 208	6 343	6 409
Energy dependency							
Net energy imports / Gross consumption	in %	38.6	34.1	33.9	37.6	31.0	37.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	66.2	65.4	64.7	64.1	63.8	63.7
Efficiency of thermal power stations		55.5	53.9	53.6	53.4	55.2	56.2


2. Energy balance

Principal aggregates by product


 eurostat	NEDERLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	56 912	60 635	60 130	58 431	67 597	61 834
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	2 373	2 285	3 102	3 104	2 925	2 296
Natural Gas	51 904	55 713	54 275	52 212	61 585	56 265
Nuclear heat	1 013	1 026	1 010	1 036	986	1 031
Hydro-electricity	12	10	9	6	8	8
Biomass	1 529	1 519	1 642	1 940	1 912	2 035
Imports						
Total	134 472	144 208	141 538	142 169	146 660	155 900
among which:						
Hard coal	13 709	18 575	13 381	13 588	14 785	12 673
Crude oil and feedstocks	61 141	61 400	55 745	57 832	61 093	62 452
Petroleum products	44 571	46 532	50 927	50 178	54 833	61 377
Natural Gas	12 475	15 323	19 175	18 256	13 502	16 440
Electricity	1 973	1 848	1 794	1 789	1 840	2 037
Exports						
Total	100 141	112 717	110 154	106 766	116 610	118 987
among which:						
Crude oil and feedstocks	186	358	901	1 354	1 221	1 150
Petroleum products	63 853	65 880	65 578	65 735	70 594	75 287
Natural gas	29 666	35 495	37 624	34 460	38 362	37 381
Electricity	347	362	386	328	446	464
Gross inland consumption						
Total	75 712	77 670p	78 284p	80 582	82 368	80 963
among which:						
Solid fuels	8 035	8 416	8 470	8 820	9 261	8 190
Crude oil and petrol. prod.	28 496	29 374	29 600	31 187	31 616	32 027
Natural gas	34 711	35 547	35 842	35 998	36 745	35 324
Nuclear Energy	1 013	1 026	1 010	1 036	986	1 031
Renewables	1 622	1 611	1 743	2 079	2 365	2 817
Transformation input						
Total	104 304	106 914p	104 340p	108 148	110 086	110 508
among which:						
Crude oil and feedstocks	82 188	83 510	80 694	84 249	85 632	86 416
Petroleum products	618	653	574	590	593	640
Hard coal	7 173	7 491	7 458	7 597	7 472	7 120
Lignite and peat	-	-	-	-	-	-
Renewables	1 220	1 302	1 413	1 579	1 795	2 224
Transformation output						
Total	94 418	95 975	93 369	96 935	98 975	101 195
among which:						
Electricity	7 621	7 979	8 163	8 198	8 493	8 429
Heat	3 001	2 967	2 901	2 746	3 008	4 081

eurostat	NEDERLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	50 125	50 784	50 646	51 624	52 539	51 588
<i>among which:</i> Solid fuels	1 352	1 426	1 463	1 417	1 633	1 515
Petroleum products	16 469	16 506	16 906	17 162	17 431	17 366
Natural Gas	20 600	21 116	20 552	21 226	21 149	19 844
Renewables	317	227	241	377	399	405
Electricity	8 421	8 549	8 576	8 643	8 867	8 986
Final energy consumption by sector						
Industry						
Total	13 812	13 781	13 785	14 346	14 884	14 597
<i>among which:</i> Solid fuels	1 325	1 394	1 430	1 386	1 600	1 482
Petroleum Products	1 603	1 602	1 635	1 767	1 679	1 498
Natural Gas	5 743	5 358	5 370	5 905	5 993	5 751
Renewables	69	69	74	96	117	123
Electricity	3 491	3 494	3 531	3 500	3 556	3 576
Transport						
Total	13 820	14 233	14 578	14 672	15 038	15 068
<i>among which:</i> Motor spirit	4 242	4 334	4 387	4 402	4 373	4 309
Diesel oil	5 472	5 942	6 127	6 324	6 547	6 558
Jet fuel	3 343	3 250	3 393	3 334	3 560	3 670
Electricity	140	136	134	136	142	138
Services&households						
Total	22 493	22 769	22 283	22 607	22 618	21 922
<i>among which:</i> Solid fuels	28	31	33	30	33	33
Gas oil	1 031	614	646	717	682	795
Natural Gas	14 857	15 758	15 182	15 321	15 156	14 093
Renewables	249	158	167	281	283	282
Electricity	4 790	4 920	4 911	5 007	5 168	5 272
Heat	1 384	1 096	1 163	1 107	1 121	1 305


3.1 Electricity balance

 eurostat	NEDERLAND					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	89 615	93 747	95 965	96 775	100 769	100 220
<i>among which:</i>						
Hydro	142	117	108	72	95	88
Wind	829	825	910	1 330	1 867	2 067
Geothermal	-	-	-	-	-	-
Nuclear	3 926	3 976	3 915	4 018	3 822	3 997
Conventional thermal	84 710	88 815	91 015	91 324	94 952	94 034
<i>of which:</i>						
Hard coal	22 600	23 720	23 936	24 339	23 495	23 500
Lignite and peat	-	-	-	-	-	-
Petroleum products	3 131	3 112	2 819	2 858	2 824	2 262
Natural gas	51 713	55 263	57 028	56 876	61 013	57 856
Derived gases	2 848	3 021	2 920	3 132	2 741	3 426
Biomass	3 251	3 458	3 002	3 898	4 676	6 729
Industrial wastes	1 167	241	1 310	221	203	261
Total net generation	85 943	89 874	91 864	92 824	96 566	96 137
Imports and exports						
Total imports	22 946	21 492	20 870	20 801	21 405	23 691
Total exports	4 031	4 209	4 488	3 809	5 188	5 398
Consumption and losses						
Consumption of the energy branch	6 503	7 402	8 383	8 965	9 546	9 533
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	4 089	4 200	4 228	4 282	4 323	4 473
Final energy consumption	97 938	99 428	99 736	100 520	103 118	104 507
<i>of which:</i>						
Industry	40 600	40 637	41 066	40 701	41 362	41 585
<i>among which:</i>						
Iron&steel industry	2 624	2 626	2 573	2 654	2 708	2 723
Non-ferrous metals	5 949	5 802	5 769	5 828	6 328	6 332
Chemical industry	11 995	11 567	11 893	11 922	12 143	12 346
Non-met. mineral prod.	1 690	1 619	1 544	1 475	1 434	1 438
Food, drink, tobacco	6 387	6 819	6 680	6 592	6 537	6 599
Pulp, paper and print	3 804	3 623	3 752	3 694	3 682	3 663
Engineering & metal	4 504	4 625	4 792	3 904	4 017	4 000
Other industries	2 819	2 907	2 970	3 514	3 473	3 468
Transport	1 630	1 577	1 556	1 585	1 648	1 608
Services & households etc.	55 708	57 214	57 114	58 234	60 108	61 314
<i>among which:</i>						
Households	21 800	22 100	22 800	23 300	23 500	24 232


3.2 Electrical capacity, fuel inputs and heat


		NEDERLAND					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	20 998	20 311	20 800	20 791	21 712	21 677
<i>by source:</i>							
Conventional thermal		20 070	19 344	19 635	19 421	20 153	19 967
<i>of which:</i>							
Steam		10 945	9 421	10 374	10 216	9 712	9 759
Gas turbine		1 334	1 298	1 070	1 138	1 195	1 193
Combined cycle		6 266	7 229	6 496	6 534	7 637	7 339
Internal combustion		1 525	1 396	1 695	1 533	1 591	1 675
Nuclear		449	449	449	449	449	449
Hydro		37	38	38	37	37	37
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		442	480	678	884	1 073	1 224
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		18 214	17 881	18 277	18 152	18 595	18 804
Autoproducers		2 844	2 451	2 609	2 752	3 239	2 996
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	18 233	19 371p	19 708p	19 832	20 237	19 563
<i>among which:</i>							
Hard coal		5 114	5 368	5 417	5 507	5 316	4 958
Lignite and peat		-	-	-	-	-	-
Petroleum products		618	653	574	590	593	640
Natural gas		10 441	11 164	11 441	11 455	12 094	11 277
Renewables		1 220	1 302	1 413	1 579	1 613	2 052
Heating plants		-	-	-	-	182	436
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	264
Renewables		-	-	-	-	182	172
Heat production and consumption							
Total heat production	TJ	3 001	2 967	2 901	2 746	3 008	4 081
<i>among which: in heating plants</i>							
		164	165	168	-	-	1 171
Heat consumption		2 558	2 530	2 466	2 334	2 556	2 981
<i>of which: in industry</i>							
		1 174	1 434	1 303	1 227	1 435	1 676
<i>in households and services</i>							
		1 384	1 096	1 163	1 107	1 121	1 305
<i>among which: in households</i>							
		150	164	158	174	200	409

4.1 Crude oil and feedstocks


 eurostat	NEDERLAND					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	2 350	2 263	3 074	3 076	2 891	2 269
Total imports	60 553	60 810	55 236	57 312	60 382	61 730
Total exports	184	355	893	1 342	1 207	1 137
Stock changes	-931	-584	98	898	-5	-240
Refinery intake	81 294	82 598	79 828	83 351	84 561	85 341
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	30 856	28 982	21 468	21 920	23 968	26 777
Near and Middle East	25 085	22 670	18 500	18 474	16 730	16 060
Africa	5 608	6 851	4 781	4 281	2 974	6 607
<i>by country of origin:</i>						
Algeria	4 780	4 666	3 886	2 417	2 684	3 038
Irak	3 198	4 718	3 384	1 305	1 139	764
Iran	3 304	1 157	1 509	2 311	2 517	2 253
Kazakhstan	-	-	404	1 136	768	511
Kuwait	6 177	6 031	4 468	4 002	4 527	4 865
Libya	25	25	76	-	-	506
Mexico	66	-	85	-	-	-
Nigeria	455	1 387	346	1 293	94	1 635
Norway	11 340	10 782	8 035	8 428	9 312	6 868
Russia	4 531	7 146	8 413	11 665	16 324	16 933
Saudi Arabia	12 265	10 539	7 567	10 592	12 993	12 709
Syria	-	225	1 388	264	67	334
United Arab Emirates	141	-	-	-	14	-

4.2 Petroleum products


 eurostat	NEDERLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	80 235	81 306	78 714	82 275	83 486	84 676
<i>among which:</i>						
Motor spirit	14 314	14 476	15 810	15 787	15 597	14 286
Kerosene and jet fuel	7 487	7 068	6 658	7 167	7 314	7 459
Naphtha	11 303	12 116	8 655	10 222	11 084	13 906
Gas/diesel oil	21 994	22 167	19 583	20 787	20 233	21 122
Residual fuel oil	11 215	10 780	12 704	12 333	13 073	12 394
Total imports	44 675	46 864	51 208	50 428	55 523	62 170
Total exports	63 442	65 714	65 432	65 562	70 587	75 138
Bunkers	13 788	15 140	14 958	13 965	15 159	17 442
Stock changes	-1 354	602	540	-286	-826	-658
Gross inland consumption	-33 859	-33 388	-28 592	-29 385	-31 048	-31 068
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	-	-	-
United Kingdom	5 203	4 527	5 011	4 733	5 233	5 450
Norway	874	539	1 329	1 240	1 335	1 612
OPEC	2 534	1 794	2 227	2 027	2 207	2 584
Imports by product						
<i>among which:</i>						
Motor spirit	7 516	6 176	7 270	7 821	7 906	9 177
Kerosene and jet fuel	1 297	1 565	1 196	1 082	1 759	2 412
Gas/diesel oil	8 007	9 239	12 508	9 342	10 013	9 650
Residual fuel oil	13 059	14 695	15 565	14 086	15 453	22 395
Exports by product						
<i>among which:</i>						
Motor spirit	12 746	11 451	12 327	13 851	14 801	16 292
Kerosene and jet fuel	4 440	4 175	3 424	3 783	4 561	5 380
Gas/diesel oil	19 418	22 097	21 626	20 552	20 177	21 061
Residual fuel oil	10 210	10 894	12 115	11 344	13 230	17 069
Consumption						
Inputs to electricity plants	616	647	574	598	588	634
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	7 369	7 590	7 648	8 883	9 006	10 032
Final energy consumption	15 841	15 893	16 255	16 518	16 794	16 731
Industry						
<i>among which by product:</i>						
Gas/diesel oil	219	168	164	175	181	168
Residual fuel oil	39	44	6	21	19	18

 eurostat	NEDERLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	4	4	3	4	4	4
Non-ferrous metals	7	-	-	-	0	-
Chemical industry	1 137	1 207	1 191	1 257	1 188	1 088
Non-met. mineral prod.	33	30	8	17	17	18
Food, drink, tobacco	21	20	7	10	8	16
Pulp, paper and print	1	2	1	1	1	-
Engineering & metal	22	21	65	104	91	17
Other industries	148	121	114	121	118	122
Transport	13 274	13 690	14 031	14 127	14 486	14 522
<i>among which:</i>						
Motor spirit	4 036	4 124	4 174	4 189	4 161	4 100
Jet fuel	3 255	3 164	3 304	3 246	3 466	3 573
Diesel oil	5 416	5 881	6 064	6 259	6 480	6 491
Services & households etc.	1 165	791	809	844	840	923
<i>among which:</i>						
Gas oil	1 020	608	639	710	675	787
Residual fuel oil	2	27	-	-	20	22
Stocks at end of period						
Crude oil and feedstocks	5 056	5 640	5 542	4 644	4 648	4 888
Petroleum products	8 154	7 552	7 012	7 298	8 124	8 783


5. Natural gas

 eurostat	NEDERLAND						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		2 414 593	2 591 786	2 524 867	2 428 905	2 864 924	2 617 469
Total imports		580 346	712 810	892 010	849 263	628 124	764 779
Total exports		1 380 051	1 651 219	1 750 281	1 603 074	1 784 604	1 738 959
Stock changes		-150	276	774	-447	925	-24
Gross inland consumption		1 614 738	1 653 653	1 667 370	1 674 647	1 709 369	1 643 265
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		253 118	258 626	335 294	282 365	230 012	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		485 721	519 356	532 244	532 865	562 601	524 595
Inputs to heat plants		-	-	-	-	-	12 269
Consumption of energy branch		67 330	64 319	72 841	55 463	62 604	68 955
Distribution losses		-	-	-	-	-	-
Non-energy use		116 589	102 872	106 249	98 882	100 295	114 293
Industry		267 167	249 231	249 828	274 699	278 800	267 541
<i>among which:</i>							
Iron&steel industry		14 740	14 833	14 662	13 401	12 448	13 616
Non-ferrous metals		4 195	3 878	4 136	3 885	4 578	4 492
Chemical industry		99 518	89 304	88 810	99 038	101 332	95 312
Non-met. mineral prod.		28 657	28 066	24 901	25 133	25 862	25 817
Food, drink, tobacco		57 768	53 732	56 739	66 907	68 560	65 516
Pulp, paper and print		17 652	15 828	16 936	20 937	22 912	21 846
Engineering & metal		24 205	24 560	24 067	18 795	18 473	18 244
Other industries		10 850	10 541	10 331	15 547	14 103	13 729
Transport		-	-	-	-	-	-
Services & households etc.		691 151	733 066	706 268	712 738	705 069	655 612
<i>among which:</i>							
Households		370 692	385 112	364 010	372 802	367 526	349 942
Services		172 961	200 801	195 675	213 078	205 526	166 171


6.1 Hard coal

 eurostat	NEDERLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	22 295	30 336	21 677	21 620	22 603	20 415
Total exports	9 122	16 745	8 568	7 295	9 292	7 374
Stock changes	-245	-131	305	-658	240	-32
Gross inland consumption	12 928	13 460	13 414	13 667	13 551	13 009
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 013	2 486	2 833	2 561	1 400	1 517
Colombia	4 805	5 810	3 026	4 362	4 515	5 703
Russia	174	953	590	288	1 269	1 609
South Africa	5 269	10 466	7 396	8 094	8 316	6 084
USA	2 862	2 580	2 350	1 181	1 823	1 654
Consumption						
Inputs to electricity plants	8 590	9 156	9 110	9 212	8 876	8 267
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	1 052	1 212	1 247	1 334	1 473	1 527
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	54	-	-	-	-	-
Non-met. mineral prod.	16	13	1	1	1	1
Food, drink, tobacco	36	36	39	28	17	20
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	31	35	32	33	33	32

6.2 Coal derivatives and peat

	NEDERLAND					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	2 127	2 214	2 127	2 154	2 216	2 250
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	18 875	19 268	17 983	19 054	19 379	19 141
Blast-furnace gas	33 970	37 015	37 146	39 385	37 457	37 714
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	691	638	652	659	680	598
<i>among which:</i>						
Iron & steel industry	621	571	583	618	639	565
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	47	61	57	44	44	50
<i>among which:</i>						
Industry	29	39	34	23	23	28
Services & households	18	22	23	21	21	22
Brown coal briquettes	1	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	1	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	7 356	7 260	7 156	7 642	9 784	9 080
Blast-furnace gas	10 438	11 488	12 026	12 603	12 235	12 386
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	26 722	28 579	27 639	29 649	26 162	26 809
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	8 329	8 956	8 308	8 545	8 655	8 580
Consumption in industry	17 794	18 748	19 182	20 245	22 019	21 466


7. Renewable energy sources

		NEDERLAND					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	1 622	1 611	1 743	2 079	2 102	2 242
Hydro (excl. pumping)		12	10	9	6	8	8
Wind		71	71	78	114	161	178
Solar		9	11	13	19	20	22
Geothermal		-	-	-	-	-	-
Biomass		1 529	1 519	1 642	1 940	1 912	2 035
<i>among which:</i>							
Wood, wood-waste		300	321	448	537	460	505
Municipal solid waste		1 097	1 060	1 061	1 273	1 325	1 355
Biogas		132	138	133	129	126	122
Gross inland consumption		1 622	1 611	1 743	2 079	2 365	2 817
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		1 220	1 302	1 413	1 579	1 795	2 224
<i>among which:</i>							
Wood, wood-waste		45	141	271	242	326	483
Municipal waste		1 097	1 060	1 061	1 273	1 325	1 355
Biogas		78	100	81	63	58	58
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	317	227	241	377	399	405
<i>by sector:</i>							
Industry		69	69	74	96	117	123
Services & households etc.		249	158	167	281	283	282
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		309	217	229	361	382	386
<i>among which:</i>							
Wood, wood-waste		255	180	177	295	313	322
Municipal waste		-	-	-	-	-	-
Biogas		54	37	52	66	68	64
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		8	14	17	31	33	34
Hydro with installed capacity < 1 MW		1	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		142	117	108	72	95	88
Wood, Wood-waste		378	670	1 323	1 010	1 836	2 247
Municipal waste		2 574	2 487	2 521	2 606	2 550	2 738
Biogas		299	301	304	313	290	294

eurostat		NEDERLAND					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		13	21	26	46	50	51
Hydro with installed capacity < 1 MW		2	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		36	38	37	37	37	37
Wood, Wood-waste		72	129	232	160	439	343
Municipal waste		414	414	414	414	414	429
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	2	60
Solar Panels							
Solar panel surface	<i>1000 m²</i>	309	358	406	524	582	620


1. Energy economy


Key figures and energy indicators

		ÖSTERREICH					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	9 584	9 435	9 595	9 403	9 635	9 447
Net energy imports		18 853	19 681	20 645	22 895	23 136	24 392
Net oil imports		10 703	11 371	12 183	12 933	13 132	13 028
Net gas imports		5 253	4 986	4 900	5 948	5 853	7 288
Gross inland energy consumption		28 726	30 478	30 414	32 609	32 802	33 980
Final energy consumption		23 072	24 550	24 818	26 069	26 227	27 308
Industry		7 634	7 847	7 939	8 093	8 304	8 825
Transport		6 037	6 365	6 950	7 440	7 693	7 994
Services and households etc.		9 401	10 338	9 929	10 536	10 230	10 489
Gross electricity generation	GWh	61 822	62 342	62 493	60 105	64 156	65 718
Final electricity consumption		52 036	53 530	53 952	54 684	55 686	56 796
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	211 759	213 519	215 348	217 693	223 009	227 566
Population	1000 per.	8 002	8 021	8 065	8 102	8 140	8 207
Industry added value	Mio EUR	60 033	60 906	61 491	62 241	63 731	65 079
Total imports (current prices)	Mio EUR	89 487	94 087	94 203	98 995	107 592	113 182
among which:							
All energy commodities		4 901	5 504	5 742	6 462	8 086	11 782
Oil products		3 398	3 279	3 264	3 527	4 554	6 117
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	135.7	142.7	141.2	149.8	147.1	149.3
Final energy consumption / GDP(95)		109.0	115.0	115.2	119.7	117.6	120.0
Energy intensity of industry:							
Final consumption / gross value-added mp		127.2	128.8	129.1	130.0	130.3	135.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		22.1	26.4	25.1	28.4	25.8	24.8
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 590	3 800	3 771	4 025	4 030	4 141
Final energy consumption / capita		2 883	3 061	3 077	3 217	3 222	3 328
Household consumption / capita		757	801	765	779	766	798
Final electricity consumption / capita	kWh/cap.	6 503	6 674	6 690	6 749	6 841	6 921
Energy dependency							
Net energy imports / Gross consumption	in %	65.6	64.6	67.9	70.2	70.5	71.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	80.3	80.6	81.6	79.9	80.0	80.4
Efficiency of thermal power stations		57.9	59.9	58.2	56.3	57.1	57.2


2. Energy balance

Principal aggregates by product


 eurostat	OSTERREICH					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	9 584	9 435	9 595	9 403	9 635	9 447
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	293	283	332	271	55	0
Crude oil	1 055	991	925	988	1 034	951
Natural Gas	1 533	1 471	1 597	1 776	1 667	1 403
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	3 598	3 455	3 433	2 827	3 132	3 085
Biomass	3 023	3 140	3 204	3 411	3 547	3 766
Imports						
Total	21 757	23 065	24 175	26 505	27 490	29 280
among which:						
Hard coal	2 350	2 567	2 757	2 719	3 099	2 989
Crude oil and feedstocks	7 841	8 358	8 525	8 019	7 596	7 993
Petroleum products	4 285	4 628	5 101	6 314	7 111	7 183
Natural Gas	5 268	5 334	5 552	6 820	7 123	8 124
Electricity	1 189	1 244	1 322	1 634	1 430	1 754
Exports						
Total	2 904	3 383	3 531	3 610	4 355	4 887
among which:						
Crude oil and feedstocks	137	104	6	25	5	29
Petroleum products	1 285	1 510	1 437	1 374	1 570	2 120
Natural gas	15	348	652	872	1 270	837
Electricity	1 306	1 225	1 262	1 151	1 165	1 525
Gross inland consumption						
Total	28 726	30 478	30 414	32 609	32 802	33 980
among which:						
Solid fuels	3 637	3 916	3 832	4 117	4 072	4 050
Crude oil and petrol. prod.	11 882	12 800	12 816	13 822	13 825	14 125
Natural gas	6 519	6 909	6 787	7 554	7 465	8 263
Nuclear Energy	-	-	-	-	-	-
Renewables	6 654	6 636	6 725	6 350	6 814	6 981
Transformation input						
Total	15 208	16 060	16 253	16 751	16 576	17 170
among which:						
Crude oil and feedstocks	8 765	9 336	9 320	8 966	8 673	9 080
Petroleum products	378	419	262	343	356	338
Hard coal	2 250	2 444	2 378	2 719	2 780	2 576
Lignite and peat	290	354	323	334	231	253
Renewables	678	678	794	941	1 008	1 052
Transformation output						
Total	13 128	13 938	14 026	14 109	13 916	14 530
among which:						
Electricity	1 569	1 748	1 744	2 100	2 084	2 215
Heat	1 138	1 259	1 188	1 220	1 335	1 370

 eurostat	OSTERREICH					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	23 072	24 550	24 818	26 069	26 227	27 308
<i>among which:</i> Solid fuels	1 415	1 332	1 359	1 324	1 286	1 458
Petroleum products	9 402	10 073	10 625	11 509	11 363	11 774
Natural Gas	3 807	4 239	4 060	4 170	4 304	4 580
Renewables	2 372	2 488	2 481	2 549	2 593	2 725
Electricity	4 474	4 603	4 639	4 702	4 788	4 884
Final energy consumption by sector						
Industry						
Total	7 634	7 847	7 939	8 093	8 304	8 825
<i>among which:</i> Solid fuels	1 161	1 094	1 164	1 144	1 122	1 304
Petroleum Products	1 232	1 358	1 333	1 429	1 451	1 481
Natural Gas	2 100	2 199	2 243	2 092	2 171	2 480
Renewables	686	646	691	726	712	701
Electricity	1 794	1 850	1 847	1 874	2 032	2 082
Transport						
Total	6 037	6 365	6 950	7 440	7 693	7 994
<i>among which:</i> Motor spirit	1 938	1 952	2 174	2 224	2 186	2 102
Diesel oil	3 215	3 542	3 950	4 419	4 620	4 893
Jet fuel	586	570	534	507	598	675
Electricity	285	277	267	262	260	266
Services&households						
Total	9 401	10 338	9 929	10 536	10 230	10 489
<i>among which:</i> Solid fuels	253	237	194	179	163	154
Gas oil	1 944	2 135	2 080	2 306	2 003	2 178
Natural Gas	1 707	2 039	1 817	2 078	2 133	2 100
Renewables	1 678	1 833	1 782	1 814	1 868	1 982
Electricity	2 396	2 476	2 525	2 565	2 496	2 536
Heat	924	1 095	983	972	1 061	1 095


3.1 Electricity balance

 eurostat	OSTERREICH					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	61 822	62 342	62 493	60 105	64 156	65 718
<i>among which:</i>						
Hydro	43 498	41 837	42 004	35 292	38 966	38 612
Wind	67	172	203	366	924	1 328
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	18 254	20 329	20 279	24 436	24 252	25 764
<i>of which:</i>						
Hard coal	4 339	5 048	5 153	6 933	6 906	6 071
Lignite and peat	1 292	1 548	1 461	1 512	999	1 096
Petroleum products	1 552	1 786	1 306	1 750	1 816	1 641
Natural gas	8 217	9 024	9 444	11 215	10 967	13 036
Derived gases	1 038	970	1 048	992	1 204	1 315
Biomass	1 618	1 823	1 568	1 838	2 111	2 362
Industrial wastes	198	130	299	196	249	243
Total net generation	60 002	60 262	60 240	56 596	60 357	62 136
Imports and exports						
Total imports	13 824	14 467	15 375	19 002	16 629	20 397
Total exports	15 192	14 252	14 676	13 389	13 548	17 732
Consumption and losses						
Consumption of the energy branch	3 247	3 687	3 996	5 319	5 574	5 416
<i>of which:</i>						
Consumption for pumped-storage	258	344	432	502	500	538
Network losses	3 510	3 686	3 167	3 293	3 422	3 433
Final energy consumption	52 036	53 530	53 952	54 684	55 686	56 796
<i>of which:</i>						
Industry	20 862	21 518	21 477	21 800	23 636	24 215
<i>among which:</i>						
Iron&steel industry	2 669	2 681	2 643	2 578	2 981	3 037
Non-ferrous metals	656	644	668	702	770	784
Chemical industry	3 093	3 262	3 347	3 345	3 541	3 607
Non-met. mineral prod.	1 821	1 982	1 977	2 127	2 200	2 241
Food, drink, tobacco	1 318	1 348	1 332	1 428	1 543	1 571
Pulp, paper and print	4 735	4 705	4 777	4 579	4 943	4 897
Engineering & metal	2 952	3 058	2 980	2 974	3 421	3 480
Other industries	2 460	2 621	2 466	2 762	2 887	3 223
Transport	3 312	3 217	3 106	3 052	3 023	3 090
Services & households etc.	27 862	28 795	29 369	29 832	29 027	29 491
<i>among which:</i>						
Households	12 997	13 769	14 186	14 416	13 379	13 610


3.2 Electrical capacity, fuel inputs and heat


		OSTERREICH					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	17 852	17 775	18 001	18 222	18 602	18 892
by source:							
Conventional thermal		6 134	6 038	6 178	6 178	6 292	6 254
<i>of which:</i>							
Steam		4 790	4 694	4 834	4 834	4 457	4 051
Gas turbine		256	257	257	257	460	505
Combined cycle		968	980	980	980	1 224	1 487
Internal combustion		120	107	107	107	151	211
Nuclear		-	-	-	-	-	-
Hydro		11 664	11 668	11 690	11 701	11 750	11 811
<i>among which:</i>							
Pumped storage		3 572	3 572	3 572	3 573	3 580	3 580
Wind		54	69	133	343	560	827
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		16 227	16 117	16 345	16 566	16 987	17 241
Autoproducers		1 630	1 665	1 665	1 665	1 624	1 651
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	3 912	4 261	4 359	5 178	5 262	5 469
<i>among which:</i>							
Hard coal		946	1 127	1 060	1 401	1 458	1 257
Lignite and peat		290	354	323	334	231	253
Petroleum products		287	299	212	311	289	270
Natural gas		1 744	1 809	1 928	2 298	2 246	2 566
Renewables		366	378	456	535	645	728
Heating plants		621	551	557	608	613	612
<i>among which:</i>							
Hard coal		-	4	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		92	120	50	33	67	69
Natural gas		216	126	169	168	182	219
Renewables		312	299	338	406	364	324
Heat production and consumption							
Total heat production	TJ	1 138	1 259	1 188	1 220	1 335	1 370
<i>among which: in heating plants</i>							
		444	456	394	407	414	456
Heat consumption		1 052	1 236	1 128	1 122	1 229	1 260
<i>of which: in industry</i>							
		129	141	145	150	167	165
<i>in households and services</i>							
		924	1 095	983	972	1 061	1 095
<i>among which: in households</i>							
		405	509	409	354	464	461

4.1 Crude oil and feedstocks


 eurostat	OSTERREICH					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	1 072	1 012	948	1 011	1 061	965
Total imports	7 949	8 512	8 711	8 189	7 786	8 100
Total exports	137	105	6	25	5	29
Stock changes	-17	80	-224	-119	20	177
Refinery intake	8 891	9 508	9 529	9 163	8 886	9 199
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	4 526	4 853	4 362	4 111	3 766	3 214
Near and Middle East	2 373	2 621	2 872	2 298	2 079	1 819
Africa	2 446	3 246	2 434	2 636	1 899	1 738
<i>by country of origin:</i>						
Algeria	739	520	260	294	251	21
Irak	1 506	917	1 061	170	200	-
Iran	-	-	16	-	223	525
Kazakhstan	1 388	582	1 233	973	1 728	1 534
Kuwait	-	-	-	128	-	-
Libya	700	1 336	678	841	946	321
Mexico	-	-	-	-	-	-
Nigeria	986	1 390	1 482	1 108	641	1 218
Norway	-	-	-	-	-	-
Russia	827	1 030	841	1 461	1 172	2 204
Saudi Arabia	595	641	862	1 570	1 505	1 129
Syria	250	1 014	930	558	151	165
United Arab Emirates	-	49	-	-	-	-

4.2 Petroleum products


 eurostat	ÖSTERREICH					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	8 770	9 339	9 445	9 120	8 813	9 216
<i>among which:</i>						
Motor spirit	1 815	1 922	1 927	1 811	1 738	1 798
Kerosene and jet fuel	545	514	485	447	456	593
Naphtha	-	-	-	-	-	-
Gas/diesel oil	3 724	3 959	3 984	3 849	3 529	3 928
Residual fuel oil	979	1 044	1 012	1 062	1 032	1 009
Total imports	4 303	4 631	5 095	6 304	7 097	7 154
Total exports	1 305	1 539	1 465	1 395	1 587	2 118
Bunkers	-	-	-	-	-	-
Stock changes	137	358	-76	19	-378	-32
Gross inland consumption	3 157	3 460	3 554	4 931	5 145	5 007
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	61	34	87	43	32	50
United Kingdom	1	1	1	11	-	18
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	670	603	706	879	1 043	1 090
Kerosene and jet fuel	43	41	45	56	142	94
Gas/diesel oil	2 608	3 059	3 462	4 351	4 883	5 055
Residual fuel oil	261	280	241	328	306	182
Exports by product						
<i>among which:</i>						
Motor spirit	472	582	496	474	614	767
Kerosene and jet fuel	6	2	2	7	7	5
Gas/diesel oil	416	418	520	539	580	909
Residual fuel oil	152	228	146	55	55	72
Consumption						
Inputs to electricity plants	300	311	222	325	302	282
Inputs to heating plants	96	126	52	34	70	72
Non-energy use	1 375	1 464	1 433	1 462	1 517	1 350
Final energy consumption	9 247	9 912	10 460	11 336	11 193	11 588
Industry						
<i>among which by product:</i>						
Gas/diesel oil	737	858	931	1 026	1 070	1 123
Residual fuel oil	280	296	225	230	221	207

 eurostat	OSTERREICH					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	22	16	8	6	10	10
Non-ferrous metals	15	17	16	13	12	11
Chemical industry	24	34	26	26	29	26
Non-met. mineral prod.	102	95	126	134	159	126
Food, drink, tobacco	54	75	57	62	61	50
Pulp, paper and print	46	46	40	46	34	41
Engineering & metal	218	235	178	184	163	179
Other industries	661	729	787	857	889	928
Transport	5 601	5 932	6 513	6 999	7 250	7 515
<i>among which:</i>						
Motor spirit	1 844	1 857	2 069	2 116	2 080	2 000
Jet fuel	571	555	520	494	582	657
Diesel oil	3 182	3 506	3 910	4 374	4 573	4 843
Services & households etc.	2 415	2 624	2 605	2 899	2 474	2 584
<i>among which:</i>						
Gas oil	1 924	2 113	2 059	2 282	1 983	2 156
Residual fuel oil	398	422	434	489	354	291
Stocks at end of period						
Crude oil and feedstocks	1 495	1 415	1 639	1 750	1 730	1 588
Petroleum products	1 700	1 302	1 422	1 396	1 774	1 739


5. Natural gas

 eurostat	OSTERREICH						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		71 308	68 414	74 295	82 603	77 550	65 281
Total imports		245 062	248 152	258 276	317 283	331 352	377 950
Total exports		696	16 184	30 334	40 567	59 069	38 916
Stock changes		-12 424	21 004	13 515	-7 889	-2 568	-19 898
Gross inland consumption		303 250	321 386	315 752	351 430	347 265	384 417
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		28 195	32 289	34 631	39 840	37 566	43 724
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		197 074	194 813	199 891	239 367	241 615	264 523
Consumption							
Inputs to electricity plants		81 126	84 153	89 682	106 904	104 484	119 356
Inputs to heat plants		10 031	5 853	7 872	7 827	8 458	10 183
Consumption of energy branch		20 937	20 228	20 366	22 663	18 726	26 734
Distribution losses		228	11 919	6 869	7 647	4 115	3 200
Non-energy use		11 554	10 939	11 369	12 406	11 278	11 874
Industry		97 712	102 313	104 333	97 333	100 977	115 386
<i>among which:</i>							
Iron&steel industry		14 831	15 039	13 676	15 249	14 756	15 048
Non-ferrous metals		2 526	2 843	2 915	3 208	3 228	3 741
Chemical industry		16 560	16 598	15 961	14 459	15 115	26 702
Non-met. mineral prod.		13 003	13 276	14 431	15 325	15 335	16 064
Food, drink, tobacco		15 827	15 617	19 259	16 222	15 034	12 262
Pulp, paper and print		17 561	19 144	18 511	12 799	17 500	16 821
Engineering & metal		6 651	7 736	6 858	7 900	8 221	8 489
Other industries		4 763	5 541	6 818	6 113	5 913	9 741
Transport		-	-	-	-	-	-
Services & households etc.		79 408	94 873	84 542	96 650	99 227	97 684
<i>among which:</i>							
Households		54 403	61 216	59 808	64 507	61 728	67 028
Services		24 390	32 965	24 058	31 414	36 800	29 899


6.1 Hard coal

 eurostat	OSTERREICH					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	3 448	3 767	4 090	4 031	4 516	4 394
Total exports	-	-	-	-	21	3
Stock changes	322	224	-184	354	-98	-283
Gross inland consumption	3 770	3 991	3 906	4 385	4 397	4 108
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	11	34	3	8	-
Colombia	-	-	-	-	-	-
Russia	-	-	-	-	80	31
South Africa	-	-	-	-	5	10
USA	-	-	2	1	-	501
Consumption						
Inputs to electricity plants	1 422	1 678	1 617	2 136	2 147	1 886
Inputs to heat plants	-	6	-	-	-	-
Consumption of energy branch	33	2	-	-	-	-
Industry	354	336	319	282	291	282
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	57	70	71	68	62	35
Non-met. mineral prod.	210	196	163	148	146	160
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	87	70	85	66	83	87
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	81	76	69	66	54	41

6.2 Coal derivatives and peat

	OSTERREICH					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	1 385	1 394	1 395	1 395	1 400	1 388
Patent Fuel	-	-	-	-	-	-
Lignite and peat	1 251	1 208	1 414	1 154	237	1
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	10 466	9 776	9 579	10 932	10 911	9 871
Blast-furnace gas	25 385	25 098	29 309	28 463	29 577	28 902
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	1 536	1 436	1 541	1 499	1 462	1 796
<i>among which:</i>						
Iron & steel industry	1 279	1 208	1 346	1 320	1 290	1 603
Services & households	209	203	162	145	142	166
Patent Fuel	4	1	1	2	1	1
<i>among which:</i>						
Services & households	4	1	1	2	1	1
Lignite and peat	110	116	109	82	87	67
<i>among which:</i>						
Industry	67	68	75	71	76	56
Services & households	43	48	34	11	11	11
Brown coal briquettes	95	79	65	72	58	48
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	95	79	65	72	58	48
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	3 371	2 710	3 467	4 873	2 946	2 523
Blast-furnace gas	15 653	15 415	15 921	15 691	13 201	12 644
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	10 005	10 257	11 118	9 830	13 564	14 271
Inputs to heat plants	50	-	-	-	-	-
Consumption of energy branch	6 772	6 492	7 271	8 348	8 607	7 818
Consumption in industry	19 024	18 125	19 388	20 564	16 147	15 167


7. Renewable energy sources

		OSTERREICH					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	6 704	6 690	6 741	6 369	6 879	7 092
Hydro (excl. pumping)		3 598	3 455	3 433	2 827	3 132	3 085
Wind		6	15	17	31	79	114
Solar		64	67	69	80	86	92
Geothermal		14	14	17	19	35	35
Biomass		3 023	3 140	3 204	3 411	3 547	3 766
<i>among which:</i>							
Wood, wood-waste		2 835	2 952	3 032	3 216	3 298	3 507
Municipal solid waste		149	110	117	138	181	171
Biogas		22	59	38	38	28	31
Gross inland consumption		6 654	6 636	6 725	6 350	6 814	6 981
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		9	9	10	13	28	29
Biomass		669	669	784	928	980	1 024
<i>among which:</i>							
Wood, wood-waste		502	503	636	755	764	803
Municipal waste		149	110	117	138	181	171
Biogas		19	56	31	35	20	22
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	2 372	2 488	2 481	2 549	2 593	2 725
<i>by sector:</i>							
Industry		686	646	691	726	712	701
Services & households etc.		1 678	1 833	1 782	1 814	1 868	1 982
Transport		8	9	8	10	13	42
<i>by source:</i>							
Biomass		2 304	2 417	2 404	2 464	2 502	2 628
<i>among which:</i>							
Wood, wood-waste		2 284	2 396	2 380	2 443	2 469	2 565
Municipal waste		-	-	-	-	-	-
Biogas		4	4	7	3	8	9
Geothermal		5	5	7	6	6	6
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		3	4	7	11	14	14
Hydro with installed capacity < 1 MW		1 566	1 521	1 399	955	564	551
Hydro with installed capacity > 1 & <10 MW		2 835	2 738	3 233	1 726	3 228	3 042
Hydro with installed capacity > 10 MW		37 439	37 574	35 299	30 197	32 631	32 282
Wood, Wood-waste		1 509	1 523	1 580	1 582	1 694	1 930
Municipal waste		83	87	79	186	336	324
Biogas		68	108	40	50	58	70

eurostat		ÖSTERREICH					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		5	7	9	15	19	22
Hydro with installed capacity < 1 MW		282	282	464	459	112	107
Hydro with installed capacity > 1 & <10 MW		561	561	1 083	746	748	591
Hydro with installed capacity > 10 MW		7 958	7 964	7 260	7 602	8 852	7 533
Wood, Wood-waste		780	766	766	766	766	766
Municipal waste		12	12	12	364	364	364
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	20	22	23	23	46	65
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2 100	2 200	2 400	2 570	2 750	3 009


1. Energy economy


Key figures and energy indicators

		POLSKA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	78 440	79 370	79 053	78 700	77 947	77 721
Net energy imports		10 131	9 386	10 049	11 945	13 631	16 954
Net oil imports		20 381	19 086	19 578	20 036	20 960	21 929
Net gas imports		6 607	7 178	6 681	7 499	8 119	8 531
Gross inland energy consumption		90 777	90 798	89 396	91 786	92 522	93 935
Final energy consumption		55 134	55 669	54 037	55 799	56 931	57 169
Industry		18 883	17 358	16 570	17 276	17 737	16 373
Transport		9 185	9 169	8 982	10 186	11 316	12 087
Services and households etc.		27 066	29 143	28 486	28 338	27 878	28 709
Gross electricity generation	GWh	145 183	145 615	144 126	151 631	154 159	156 936
Final electricity consumption		96 727	96 857	95 504	98 189	99 757	98 835
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	138 349	139 900	141 858	147 307	155 148	160 654
Population	1000 per.	38 654	38 254	38 242	38 219	38 191	38 174
Industry added value	Mio EUR	43 805	42 943	42 110	44 678	48 796	50 910
Total imports (current prices)	Mio EUR	48 160	45 595	46 804	51 165	58 935	61 682
among which:							
All energy commodities		:	:	:	:	3 530	9 411
Oil products		:	:	:	:	4 836	6 883
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	656.2	649.0	630.2	623.1	596.3	584.7
Final energy consumption / GDP(95)		398.5	397.9	380.9	378.8	366.9	355.9
Energy intensity of industry:							
Final consumption / gross value-added mp		431.1	404.2	393.5	386.7	363.5	321.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		72.3	76.1	83.7	85.1	79.1	75.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 348	2 374	2 338	2 402	2 423	2 461
Final energy consumption / capita		1 426	1 455	1 413	1 460	1 491	1 498
Household consumption / capita		453	502	473	462	462	481
Final electricity consumption / capita	kWh/cap.	2 502	2 532	2 497	2 569	2 612	2 589
Energy dependency							
Net energy imports / Gross consumption	in %	11.1	10.3	11.2	13.0	14.7	18.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	60.7	61.3	60.4	60.8	61.5	60.9
Efficiency of thermal power stations		46.8	47.3	47.6	48.1	48.0	48.3


2. Energy balance

Principal aggregates by product


 eurostat	POLSKA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	78 440	79 370	79 053	78 700	77 947	77 721
among which:						
Hard coal	58 539	58 823	58 491	57 808	55 881	55 685
Lignite and peat	12 122	12 204	12 124	12 355	12 924	12 736
Crude oil	657	772	728	768	890	853
Natural Gas	3 313	3 492	3 569	3 611	3 927	3 884
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	181	200	196	144	179	189
Biomass	3 625	3 874	3 933	3 996	4 126	4 354
Imports						
Total	30 261	30 622	31 249	31 732	33 483	36 207
among which:						
Hard coal	1 008	1 243	1 755	1 592	1 493	2 047
Crude oil and feedstocks	18 956	18 031	18 088	17 721	17 759	18 386
Petroleum products	3 362	3 746	4 282	4 434	5 515	6 700
Natural Gas	6 641	7 212	6 715	7 537	8 157	8 567
Electricity	283	370	384	429	457	430
Exports						
Total	20 130	21 236	21 199	19 786	19 852	19 253
among which:						
Crude oil and feedstocks	130	443	497	162	139	217
Petroleum products	1 808	2 248	2 295	1 958	2 175	2 940
Natural gas	34	34	35	38	38	36
Electricity	831	949	992	1 302	1 256	1 392
Gross inland consumption						
Total	90 777	90 798	89 396	91 786	92 522	93 935
among which:						
Solid fuels	56 358	55 822	54 797	56 234	54 576	55 184
Crude oil and petrol. prod.	20 759	20 631	20 450	20 507	22 057	22 525
Natural gas	9 960	10 377	10 113	11 261	11 881	12 235
Nuclear Energy	-	-	-	-	-	-
Renewables	3 802	4 078	4 142	4 156	4 325	4 501
Transformation input						
Total	69 863	69 802	67 682	70 773	71 221	69 920
among which:						
Crude oil and feedstocks	19 949	19 583	18 782	18 494	19 357	19 591
Petroleum products	374	397	369	337	277	233
Hard coal	35 280	35 472	34 288	36 889	36 257	34 327
Lignite and peat	12 071	12 107	11 807	12 378	12 283	12 754
Renewables	93	130	130	156	244	461
Transformation output						
Total	47 571	48 031	46 266	49 028	49 270	47 674
among which:						
Electricity	12 129	12 157	12 052	12 744	12 926	13 158
Heat	8 137	8 843	8 394	8 795	8 261	8 138

 eurostat	POLSKA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	55 134	55 669	54 037	55 799	56 931	57 169
<i>among which:</i> Solid fuels	13 728	13 250	12 334	11 532	11 261	11 262
Petroleum products	14 866	14 725	14 592	16 214	17 325	17 798
Natural Gas	6 251	6 662	6 757	7 088	7 413	7 715
Renewables	3 527	3 746	3 810	3 842	3 890	3 839
Electricity	8 317	8 328	8 212	8 443	8 578	8 498
Final energy consumption by sector						
Industry						
Total	18 883	17 358	16 570	17 276	17 737	16 373
<i>among which:</i> Solid fuels	7 614	6 564	6 005	5 623	5 564	4 681
Petroleum Products	1 892	1 762	1 761	1 878	1 866	1 756
Natural Gas	2 269	2 255	2 243	2 409	2 705	2 785
Renewables	625	627	700	729	764	759
Electricity	3 478	3 355	3 283	3 456	3 648	3 553
Transport						
Total	9 185	9 169	8 982	10 186	11 316	12 087
<i>among which:</i> Motor spirit	5 216	4 838	4 432	4 279	4 318	4 147
Diesel oil	2 761	2 963	2 845	4 030	4 897	5 576
Jet fuel	369	347	423	287	281	319
Electricity	372	369	371	378	365	343
Services&households						
Total	27 066	29 143	28 486	28 338	27 878	28 709
<i>among which:</i> Solid fuels	6 115	6 686	6 330	5 908	5 697	6 581
Gas oil	3 355	3 326	3 447	3 420	3 537	3 345
Natural Gas	3 982	4 406	4 514	4 679	4 708	4 930
Renewables	2 902	3 112	3 110	3 078	3 109	3 025
Electricity	4 466	4 605	4 558	4 609	4 565	4 603
Heat	5 436	6 158	5 748	5 497	5 271	5 214


3.1 Electricity balance

 eurostat	POLSKA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	145 183	145 615	144 126	151 631	154 159	156 936
<i>among which:</i>						
Hydro	4 115	4 219	3 906	3 293	3 691	3 778
Wind	5	14	61	124	142	135
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	141 063	141 382	140 159	148 214	150 326	153 023
<i>of which:</i>						
Hard coal	82 419	80 368	79 913	84 720	85 559	84 595
Lignite and peat	53 469	54 603	53 040	55 938	56 050	58 828
Petroleum products	1 916	2 397	2 377	2 456	2 507	2 355
Natural gas	928	1 358	2 198	2 425	3 144	3 561
Derived gases	1 779	1 890	1 740	1 934	1 885	1 468
Biomass	221	444	427	454	850	1 830
Industrial wastes	331	322	464	287	331	386
Total net generation	132 214	132 665	131 374	138 367	140 763	143 550
Imports and exports						
Total imports	3 290	4 306	4 469	4 985	5 312	5 002
Total exports	9 663	11 035	11 537	15 146	14 605	16 188
Consumption and losses						
Consumption of the energy branch	25 839	25 938	25 527	27 199	29 069	30 775
<i>of which:</i>						
Consumption for pumped-storage	779	706	622	662	658	630
Network losses	14 234	14 197	14 400	14 460	14 431	14 563
Final energy consumption	96 727	96 857	95 504	98 189	99 757	98 835
<i>of which:</i>						
Industry	40 453	39 013	38 181	40 189	42 424	41 317
<i>among which:</i>						
Iron&steel industry	7 187	6 261	5 446	6 148	7 210	5 929
Non-ferrous metals	3 652	3 654	3 523	3 511	3 563	3 484
Chemical industry	8 502	8 344	8 057	8 575	8 674	8 307
Non-met. mineral prod.	3 290	3 115	3 047	3 148	3 450	3 480
Food, drink, tobacco	3 755	3 737	3 980	4 259	4 319	4 442
Pulp, paper and print	2 672	2 704	2 773	3 004	2 950	3 119
Engineering & metal	4 961	4 761	4 705	4 945	5 115	5 471
Other industries	3 722	3 951	4 190	4 172	4 636	4 746
Transport	4 329	4 287	4 313	4 398	4 246	3 987
Services & households etc.	51 945	53 557	53 010	53 602	53 087	53 531
<i>among which:</i>						
Households	21 034	21 376	21 659	22 050	25 476	25 064


3.2 Electrical capacity, fuel inputs and heat


		POLSKA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	30 559	30 672	30 815	31 407	31 888	32 257
by source:							
Conventional thermal		28 372	28 420	28 576	29 099	29 566	29 815
<i>of which:</i>							
Steam		28 204	28 252	28 173	28 564	28 789	28 999
Gas turbine		168	168	403	535	777	816
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Hydro		2 183	2 233	2 207	2 273	2 282	2 321
<i>among which:</i>							
Pumped storage		1 366	1 366	1 366	1 406	1 406	1 406
Wind		4	19	32	35	40	121
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		28 680	28 752	28 922	29 572	29 822	30 203
Autoproducers		1 879	1 919	1 893	1 835	2 066	2 054
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	35 960	36 231	35 612	37 717	37 827	38 149
<i>among which:</i>							
Hard coal		22 742	22 813	22 263	23 613	23 536	23 195
Lignite and peat		12 051	12 099	11 799	12 371	12 276	12 747
Petroleum products		228	220	211	203	204	179
Natural gas		299	405	630	787	970	1 069
Renewables		79	114	110	130	208	422
Heating plants		4 320	4 609	4 152	4 073	3 599	3 639
<i>among which:</i>							
Hard coal		3 862	4 076	3 628	3 559	3 132	3 212
Lignite and peat		10	8	7	7	7	7
Petroleum products		142	173	155	134	70	51
Natural gas		217	269	294	299	312	293
Renewables		14	16	19	26	35	40
Heat production and consumption							
Total heat production	TJ	8 137	8 843	8 394	8 795	8 261	8 138
<i>among which: in heating plants</i>							
		3 437	3 845	3 484	3 411	3 024	2 884
Heat consumption		6 886	7 556	7 112	7 390	7 166	7 056
<i>of which: in industry</i>							
		1 450	1 398	1 364	1 893	1 895	1 842
<i>in households and services</i>							
		5 436	6 158	5 748	5 497	5 271	5 214
<i>among which: in households</i>							
		4 896	5 527	4 968	4 777	4 586	4 538

4.1 Crude oil and feedstocks


 eurostat	POLSKA					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	653	767	728	765	886	848
Total imports	18 840	17 907	18 077	17 657	17 679	18 283
Total exports	129	440	497	161	138	216
Stock changes	-445	227	-295	-592	4	-353
Refinery intake	19 820	19 439	18 758	18 419	19 262	19 472
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	293	273	147	173	185	148
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	106	-	52	-	132	130
Russia	16 801	16 624	17 310	16 641	16 670	17 466
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	POLSKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	18 480	18 402	17 593	18 044	18 585	18 514
<i>among which:</i>						
Motor spirit	4 257	4 246	3 935	3 920	4 002	4 121
Kerosene and jet fuel	428	627	585	656	715	661
Naphtha	791	745	882	836	889	949
Gas/diesel oil	7 154	7 141	6 314	6 722	7 371	7 459
Residual fuel oil	3 558	3 424	3 325	3 253	2 754	2 537
Total imports	3 223	3 600	4 108	4 266	5 318	6 650
Total exports	1 855	2 272	2 365	2 016	2 212	3 044
Bunkers	292	267	276	291	259	328
Stock changes	-313	-6	72	2	-173	-215
Gross inland consumption	945	1 288	1 614	2 026	2 725	3 106
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	22	5	11	11	13	65
United Kingdom	82	49	47	92	98	149
Norway	80	35	80	118	35	57
OPEC	-	5	-	-	1	-
Imports by product						
<i>among which:</i>						
Motor spirit	901	861	628	537	602	607
Kerosene and jet fuel	191	136	115	1	2	-
Gas/diesel oil	695	984	1 460	1 376	2 238	2 842
Residual fuel oil	113	185	127	32	84	13
Exports by product						
<i>among which:</i>						
Motor spirit	75	364	386	418	445	698
Kerosene and jet fuel	191	392	278	361	455	355
Gas/diesel oil	52	166	339	161	240	596
Residual fuel oil	1 367	1 206	1 017	640	597	488
Consumption						
Inputs to electricity plants	238	230	220	212	213	185
Inputs to heating plants	146	178	159	138	71	52
Non-energy use	2 439	2 029	2 244	2 194	2 286	2 425
Final energy consumption	14 381	14 252	14 086	15 721	16 788	17 308
Industry						
<i>among which by product:</i>						
Gas/diesel oil	516	589	554	568	542	523
Residual fuel oil	662	503	500	482	501	402

 eurostat	POLSKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	45	24	8	7	6	2
Non-ferrous metals	21	19	15	12	15	15
Chemical industry	911	821	810	806	799	621
Non-met. mineral prod.	146	170	200	342	343	484
Food, drink, tobacco	252	257	267	268	260	237
Pulp, paper and print	51	50	50	52	55	49
Engineering & metal	89	82	63	64	56	70
Other industries	212	183	195	200	196	210
Transport	8 480	8 461	8 274	9 410	10 538	11 275
<i>among which:</i>						
Motor spirit	4 963	4 604	4 217	4 072	4 109	3 946
Jet fuel	359	338	412	279	274	311
Diesel oil	2 733	2 933	2 816	3 989	4 847	5 519
Services & households etc.	4 085	4 105	4 132	4 482	4 438	4 270
<i>among which:</i>						
Gas oil	3 321	3 292	3 412	3 385	3 501	3 311
Residual fuel oil	140	131	97	300	153	183
Stocks at end of period						
Crude oil and feedstocks	1 443	1 216	1 511	2 103	2 475	2 828
Petroleum products	1 311	1 317	1 244	1 268	1 415	1 630


5. Natural gas

 eurostat	POLSKA						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		154 138	162 449	166 037	167 997	182 698	180 700
Total imports		308 917	335 498	312 390	350 607	379 467	398 547
Total exports		1 562	1 573	1 605	1 767	1 753	1 667
Stock changes		1 832	-13 655	-6 356	7 010	-7 728	-8 431
Gross inland consumption		463 325	482 719	470 466	523 847	552 684	569 149
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		681	10 961	19 766	19 555	19 376	19 426
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		250 404	279 591	268 899	275 629	236 370	262 629
Consumption							
Inputs to electricity plants		13 914	18 859	29 327	36 626	45 111	49 729
Inputs to heat plants		10 115	12 521	13 673	13 924	14 519	13 647
Consumption of energy branch		46 738	39 478	38 841	38 528	44 983	46 382
Distribution losses		15 823	14 078	7 708	10 196	9 422	7 120
Non-energy use		85 355	79 538	60 675	86 969	88 892	93 843
Industry		105 541	104 920	104 330	112 079	125 831	129 549
<i>among which:</i>							
Iron&steel industry		23 869	19 179	16 280	16 263	21 884	22 212
Non-ferrous metals		6 460	6 333	6 210	6 520	7 117	7 187
Chemical industry		10 516	9 423	7 999	7 174	8 331	9 004
Non-met. mineral prod.		31 085	35 398	36 926	39 538	42 481	43 292
Food, drink, tobacco		11 660	12 626	13 878	16 750	17 960	19 395
Pulp, paper and print		1 345	1 606	1 623	2 327	2 952	2 542
Engineering & metal		11 872	11 487	11 580	12 218	13 250	13 241
Other industries		5 352	5 446	6 235	7 808	8 206	9 014
Transport		-	-	-	-	-	-
Services & households etc.		185 237	204 983	210 009	217 648	219 031	229 354
<i>among which:</i>							
Households		141 790	148 597	141 214	141 810	140 418	150 123
Services		42 852	55 523	67 779	74 508	77 300	78 027


6.1 Hard coal

 eurostat	POLSKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	102 219	103 280	102 723	101 659	100 517	97 110
Total imports	1 452	1 878	2 737	2 517	2 328	3 372
Total exports	23 245	23 029	22 623	20 119	19 684	19 369
Stock changes	1 833	1 303	-1 561	96	41	-1 469
Gross inland consumption	83 371	84 144	82 258	85 368	83 915	80 438
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	4	8	32	-	30	56
Russia	749	913	1 466	1 730	1 459	2 390
South Africa	7	196	121	14	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	44 514	44 242	43 175	45 631	45 841	45 055
Inputs to heat plants	7 164	7 905	7 036	6 878	6 100	5 849
Consumption of energy branch	1 619	1 581	977	1 157	1 035	851
Industry	9 713	8 292	7 379	6 247	6 220	5 612
<i>among which:</i>						
Iron&steel industry	790	546	340	351	453	259
Non-ferrous metals	132	156	108	90	47	1
Chemical industry	2 168	2 076	1 940	1 190	1 236	1 233
Non-met. mineral prod.	2 307	1 761	1 450	1 291	1 392	1 278
Food, drink, tobacco	1 878	1 715	1 784	1 661	1 554	1 470
Pulp, paper and print	679	667	611	598	594	550
Engineering & metal	604	471	380	361	288	258
Other industries	545	541	480	479	482	423
Services & households etc.	9 604	10 820	10 184	9 443	9 422	10 387

6.2 Coal derivatives and peat

		POLSKA					
		2000	2001	2002	2003	2004	2005
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		8 972	8 946	8 723	10 112	10 097	8 404
Patent Fuel		-	-	-	-	-	-
Lignite and peat		59 484	59 552	58 210	60 920	61 198	61 636
Brown coal briquettes		21	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		76 499	76 676	72 856	83 434	81 052	68 830
Blast-furnace gas		37 053	31 904	28 752	31 031	33 836	23 446
Gasworks gas		186	176	161	-	136	114
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		4 213	3 662	3 512	3 673	3 654	2 431
<i>among which:</i>							
Iron & steel industry		2 745	2 400	2 273	2 441	2 604	1 789
Services & households		820	684	685	687	528	239
Patent Fuel		2	1	2	1	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		295	337	363	394	495	494
<i>among which:</i>							
Industry		48	33	33	25	15	11
Services & households		247	304	330	369	480	483
Brown coal briquettes		21	2	2	2	2	2
<i>among which:</i>							
Industry		2	2	1	2	2	2
Services & households		19	-	1	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		20 046	19 955	17 636	19 035	19 460	15 537
Blast-furnace gas		31 896	24 636	19 390	19 524	21 006	14 585
Gasworks gas		181	172	152	-	129	109
Inputs to electricity plants		22 064	22 697	22 161	24 612	24 296	18 814
Inputs to heat plants		1 246	1 257	867	1 139	1 208	1 302
Consumption of energy branch		37 123	39 078	40 436	46 429	47 039	41 947
Consumption in industry		51 942	44 591	37 026	38 559	40 466	30 122

7. Renewable energy sources

		POLSKA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	3 809	4 078	4 141	4 158	4 325	4 564
Hydro (excl. pumping)		181	200	196	144	179	189
Wind		0	1	5	11	12	12
Solar		-	-	-	-	-	-
Geothermal		3	3	6	7	8	9
Biomass		3 625	3 874	3 933	3 996	4 126	4 354
<i>among which:</i>							
Wood, wood-waste		3 594	3 831	3 901	3 921	4 062	4 166
Municipal solid waste		2	1	0	1	1	16
Biogas		29	35	32	39	47	54
Gross inland consumption		3 802	4 078	4 142	4 156	4 325	4 501
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	-	-	-	-
Biomass		93	130	130	156	244	461
<i>among which:</i>							
Wood, wood-waste		83	117	115	139	213	418
Municipal waste		-	-	-	-	-	-
Biogas		11	13	15	18	31	43
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	3 527	3 746	3 810	3 842	3 890	3 839
<i>by sector:</i>							
Industry		625	627	700	729	764	759
Services & households etc.		2 902	3 112	3 110	3 078	3 109	3 025
Transport		-	7	-	36	17	55
<i>by source:</i>							
Biomass		3 524	3 743	3 804	3 835	3 882	3 829
<i>among which:</i>							
Wood, wood-waste		3 504	3 714	3 787	3 780	3 849	3 748
Municipal waste		2	1	0	1	1	16
Biogas		18	22	17	18	16	10
Geothermal		3	3	6	7	8	9
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		298	239	262	243	273	356
Hydro with installed capacity > 1 & <10 MW		422	532	585	431	617	504
Hydro with installed capacity > 10 MW		1 386	1 554	1 432	998	1 191	1 339
Wood, Wood-waste		190	402	379	398	768	1 719
Municipal waste		-	-	-	-	-	-
Biogas		31	42	48	56	82	111

eurostat		POLSKA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		57	76	60	63	77	72
Hydro with installed capacity > 1 & <10 MW		98	106	150	164	184	174
Hydro with installed capacity > 10 MW		662	686	630	680	715	669
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		9	12	14	18	22	30
Liquid biofuels							
Production	<i>1000 t</i>	-	9	-	44	21	145
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

eurostat		PORTUGAL					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	3 109	3 895	3 643	4 336	3 894	3 578
Net energy imports		21 588	21 538	22 252	22 087	22 423	24 040
Net oil imports		15 556	16 298	15 888	15 931	15 350	16 338
Net gas imports		2 039	2 252	2 727	2 643	3 305	3 893
Gross inland energy consumption		24 108	24 760	25 966	25 371	26 172	26 677
Final energy consumption		16 937	18 069	18 342	18 333	20 110	18 654
Industry		5 518	6 311	5 812	5 845	7 196	5 656
Transport		6 517	6 548	7 126	7 086	7 277	7 026
Services and households etc.		4 903	5 210	5 404	5 402	5 637	5 972
Gross electricity generation	GWh	43 765	46 510	46 109	46 855	45 108	46 578
Final electricity consumption		38 373	39 937	41 473	43 164	44 668	46 322
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	106 335	108 479	109 307	108 494	109 948	110 464
Population	1000 per.	10 195	10 257	10 329	10 408	10 475	10 529
Industry added value	Mio EUR	26 814	27 358	26 989	26 496	26 627	26 159
Total imports (current prices)	Mio EUR	45 950	46 361	46 037	45 662	48 697	49 631
among which:							
All energy commodities		4 439	4 270	4 084	4 221	4 941	7 212
Oil products		3 557	3 367	3 177	3 251	3 829	5 538
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	226.7	228.2	237.6	233.9	238.0	241.5
Final energy consumption / GDP(95)		159.3	166.6	167.8	169.0	182.9	168.9
Energy intensity of industry:							
Final consumption / gross value-added mp		205.8	230.7	215.3	220.6	270.2	216.2
Energy intensity of service sector:							
Final consumption / gross value-added mp		22.8	29.5	28.1	28.7	31.2	33.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 365	2 414	2 514	2 438	2 499	2 534
Final energy consumption / capita		1 661	1 762	1 776	1 762	1 920	1 772
Household consumption / capita		275	279	302	299	289	304
Final electricity consumption / capita	kWh/cap.	3 764	3 894	4 015	4 147	4 264	4 399
Energy dependency							
Net energy imports / Gross consumption	in %	87.2	85.4	84.1	85.1	83.6	88.2
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	70.3	73.0	70.6	72.3	76.8	69.9
Efficiency of thermal power stations		44.2	45.9	45.1	45.2	46.1	46.7


2. Energy balance

Principal aggregates by product


 eurostat	PORTUGAL					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	3 109	3 895	3 643	4 336	3 894	3 578
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	974	1 207	671	1 352	849	407
Biomass	2 053	2 583	2 838	2 842	2 877	2 931
Imports						
Total	23 371	23 194	23 909	24 028	24 595	26 646
among which:						
Hard coal	3 968	2 967	3 461	3 263	3 204	3 219
Crude oil and feedstocks	12 022	13 089	11 948	13 325	13 266	13 459
Petroleum products	4 938	4 564	5 302	4 280	4 074	5 243
Natural Gas	2 039	2 252	2 727	2 643	3 305	3 893
Electricity	404	322	458	507	740	828
Exports						
Total	1 783	1 656	1 657	1 942	2 173	2 606
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	1 404	1 355	1 362	1 675	1 990	2 365
Natural gas	-	-	-	-	-	-
Electricity	324	301	295	267	183	241
Gross inland consumption						
Total	24 108	24 760	25 966	25 371	26 172	26 677
among which:						
Solid fuels	3 803	3 192	3 476	3 281	3 372	3 347
Crude oil and petrol. prod.	15 083	15 396	15 955	14 874	15 038	15 410
Natural gas	2 034	2 255	2 729	2 636	3 303	3 751
Nuclear Energy	-	-	-	-	-	-
Renewables	3 109	3 895	3 643	4 336	3 894	3 578
Transformation input						
Total	19 207	19 425	20 119	19 573	20 372	21 615
among which:						
Crude oil and feedstocks	12 251	13 013	12 522	13 317	13 438	13 608
Petroleum products	1 670	1 919	2 324	1 256	1 239	1 884
Hard coal	3 543	3 025	3 298	3 138	3 227	3 319
Lignite and peat	-	-	-	-	-	-
Renewables	405	243	457	450	473	490
Transformation output						
Total	15 523	15 970	15 909	16 104	16 571	17 292
among which:						
Electricity	2 741	2 741	3 223	2 605	2 935	3 412
Heat	134	162	200	226	258	328

eurostat	PORTUGAL					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	16 937	18 069	18 342	18 333	20 110	18 654
<i>among which:</i> Solid fuels	465	203	177	143	87	16
Petroleum products	10 469	10 797	10 731	10 556	12 143	10 492
Natural Gas	790	1 040	1 183	1 206	1 280	1 307
Renewables	1 716	2 424	2 484	2 491	2 502	2 529
Electricity	3 299	3 434	3 566	3 711	3 841	3 983
Final energy consumption by sector						
Industry						
Total	5 518	6 311	5 812	5 845	7 196	5 656
<i>among which:</i> Solid fuels	465	203	177	143	87	16
Petroleum Products	2 326	2 475	1 801	1 805	3 130	1 553
Natural Gas	659	831	917	918	946	956
Renewables	547	1 255	1 314	1 320	1 321	1 341
Electricity	1 372	1 390	1 416	1 446	1 469	1 477
Transport						
Total	6 517	6 548	7 126	7 086	7 277	7 026
<i>among which:</i> Motor spirit	2 234	2 100	2 174	2 109	2 027	1 903
Diesel oil	3 439	3 636	4 147	4 129	4 339	4 167
Jet fuel	790	755	742	780	840	881
Electricity	31	31	35	37	40	41
Services&households						
Total	4 903	5 210	5 404	5 402	5 637	5 972
<i>among which:</i> Solid fuels	-	-	-	-	-	-
Gas oil	908	1 091	789	861	825	977
Natural Gas	131	204	259	279	325	341
Renewables	1 168	1 169	1 171	1 171	1 180	1 188
Electricity	1 897	2 014	2 115	2 228	2 332	2 466
Heat	7	9	13	13	16	13


3.1 Electricity balance

 eurostat	PORTUGAL					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	43 765	46 510	46 109	46 855	45 108	46 578
<i>among which:</i>						
Hydro	11 715	14 375	8 257	16 054	10 147	5 118
Wind	168	256	362	496	816	1 773
Geothermal	80	105	96	90	84	71
Nuclear	-	-	-	-	-	-
Conventional thermal	31 801	31 773	37 392	30 212	34 058	39 613
<i>of which:</i>						
Hard coal	14 595	13 606	15 212	14 527	14 858	15 226
Lignite and peat	-	-	-	-	-	-
Petroleum products	8 421	9 338	11 407	6 162	5 698	8 791
Natural gas	7 138	7 212	9 037	7 740	11 689	13 606
Derived gases	93	16	-	-	-	-
Biomass	1 553	1 600	1 734	1 777	1 804	1 977
Industrial wastes	1	1	2	6	9	13
Total net generation	42 215	44 844	44 390	45 375	43 482	44 984
Imports and exports						
Total imports	4 698	3 741	5 329	5 898	8 612	9 626
Total exports	3 767	3 502	3 430	3 104	2 131	2 802
Consumption and losses						
Consumption of the energy branch	2 281	2 413	2 574	2 270	2 583	2 478
<i>of which:</i>						
Consumption for pumped-storage	166	144	213	154	130	181
Network losses	3 649	4 057	3 502	3 881	4 057	4 212
Final energy consumption	38 373	39 937	41 473	43 164	44 668	46 322
<i>of which:</i>						
Industry	15 954	16 161	16 470	16 820	17 086	17 172
<i>among which:</i>						
Iron&steel industry	818	749	863	1 088	1 186	1 279
Non-ferrous metals	113	116	117	116	121	122
Chemical industry	2 310	2 303	2 331	2 480	2 555	2 561
Non-met. mineral prod.	2 251	2 307	2 350	2 233	2 336	2 336
Food, drink, tobacco	1 564	1 576	1 603	1 644	1 688	1 695
Pulp, paper and print	2 054	2 097	1 995	2 229	2 346	2 470
Engineering & metal	1 508	1 571	1 547	1 613	1 656	1 674
Other industries	2 585	2 740	2 892	2 884	2 814	2 761
Transport	360	358	411	435	464	472
Services & households etc.	22 059	23 418	24 592	25 909	27 118	28 678
<i>among which:</i>						
Households	10 056	10 625	11 382	11 835	12 432	13 242


3.2 Electrical capacity, fuel inputs and heat


		PORTUGAL					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	10 898	10 990	11 239	11 619	12 711	13 389
<i>by source:</i>							
Conventional thermal		6 275	6 291	6 448	6 749	7 292	7 277
<i>of which:</i>							
Steam		4 071	4 061	4 146	4 129	4 129	4 077
Gas turbine		406	427	485	382	390	419
Combined cycle		990	990	990	1 382	1 774	1 774
Internal combustion		808	813	827	856	999	1 007
Nuclear		-	-	-	-	-	-
Hydro		4 526	4 560	4 587	4 588	4 852	5 034
<i>among which:</i>							
Pumped storage		597	597	597	597	537	537
Wind		83	125	190	268	553	1 064
Geothermal		14	14	14	14	14	14
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		9 800	9 879	10 020	10 397	11 430	12 079
Autoproducers		1 099	1 112	1 220	1 224	1 283	1 312
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 507	6 324	7 596	6 257	6 934	8 007
<i>among which:</i>							
Hard coal		3 198	2 961	3 298	3 138	3 227	3 319
Lignite and peat		-	-	-	-	-	-
Petroleum products		1 670	1 919	2 324	1 256	1 239	1 884
Natural gas		1 171	1 189	1 517	1 409	1 987	2 309
Renewables		405	243	457	450	473	490
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	134	162	200	226	258	328
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		134	162	200	226	258	328
<i>of which: in industry</i>							
		127	152	187	213	242	315
<i>in households and services</i>							
		7	9	13	13	16	13
<i>among which: in households</i>							
		4	4	7	8	9	6

4.1 Crude oil and feedstocks


 eurostat	PORTUGAL					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	12 133	13 158	11 861	13 276	13 184	13 473
Total exports	-	-	-	-	-	-
Stock changes	138	-193	427	-73	-94	-48
Refinery intake	12 362	13 079	12 430	13 267	13 353	13 618
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	7 721	7 594	6 519	6 681	7 589	8 290
Near and Middle East	4 522	2 788	3 120	2 025	2 429	3 319
Africa	3 958	5 112	3 867	5 835	5 292	6 096
<i>by country of origin:</i>						
Algeria	-	319	555	-	1 763	2 983
Irak	808	273	362	-	416	965
Iran	1 682	469	777	258	478	352
Kazakhstan	-	-	-	-	1 488	834
Kuwait	-	-	-	-	-	-
Libya	-	79	-	1 741	1 251	700
Mexico	942	944	818	668	669	1 077
Nigeria	3 277	3 637	2 579	2 988	2 146	1 288
Norway	868	799	518	640	532	247
Russia	285	1 268	579	1 481	813	-
Saudi Arabia	1 954	1 965	1 822	1 694	1 535	1 150
Syria	78	81	159	73	-	-
United Arab Emirates	-	-	-	-	-	852

4.2 Petroleum products


 eurostat	PORTUGAL					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	12 352	13 061	12 393	13 223	13 293	13 563
<i>among which:</i>						
Motor spirit	2 296	2 615	2 518	2 732	2 551	2 466
Kerosene and jet fuel	799	621	513	704	781	857
Naphtha	996	986	1 084	1 130	1 175	1 188
Gas/diesel oil	3 794	4 533	4 827	4 955	4 703	4 906
Residual fuel oil	3 000	2 703	2 358	2 388	2 969	2 653
Total imports	5 118	4 839	5 716	4 602	4 396	5 706
Total exports	1 424	1 355	1 373	1 675	1 983	2 367
Bunkers	676	483	493	591	672	591
Stock changes	-6	-262	149	-404	436	-342
Gross inland consumption	3 012	2 739	3 999	1 932	2 177	2 406
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	597	451	411	481	352	553
United Kingdom	650	792	1 050	613	731	1 040
Norway	63	71	112	65	62	28
OPEC	178	564	790	591	325	191
Imports by product						
<i>among which:</i>						
Motor spirit	157	12	63	57	133	131
Kerosene and jet fuel	77	156	193	109	59	71
Gas/diesel oil	1 271	943	620	949	841	877
Residual fuel oil	1 226	1 313	2 111	1 010	645	1 548
Exports by product						
<i>among which:</i>						
Motor spirit	397	635	540	782	805	792
Kerosene and jet fuel	99	13	-	20	54	-
Gas/diesel oil	152	90	6	51	71	211
Residual fuel oil	483	195	319	352	476	766
Consumption						
Inputs to electricity plants	1 747	2 007	2 431	1 313	1 300	1 971
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	2 344	1 940	1 968	2 237	994	2 419
Final energy consumption	10 348	10 712	10 660	10 488	12 031	10 486
Industry						
<i>among which by product:</i>						
Gas/diesel oil	431	469	374	367	402	370
Residual fuel oil	1 266	1 292	770	815	543	379

 eurostat	PORTUGAL					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	36	31	29	29	19	39
Non-ferrous metals	17	14	1	1	10	-
Chemical industry	97	437	201	219	1 634	137
Non-met. mineral prod.	956	999	826	834	844	941
Food, drink, tobacco	255	213	209	219	192	166
Pulp, paper and print	325	248	165	182	67	80
Engineering & metal	38	34	38	42	37	36
Other industries	392	389	318	284	315	286
Transport	6 319	6 352	6 915	6 873	7 062	6 815
<i>among which:</i>						
Motor spirit	2 126	1 998	2 069	2 007	1 929	1 811
Jet fuel	769	735	722	759	818	858
Diesel oil	3 404	3 599	4 105	4 087	4 295	4 124
Services & households etc.	1 582	1 734	1 768	1 626	1 704	1 890
<i>among which:</i>						
Gas oil	899	1 080	781	852	817	967
Residual fuel oil	-	-	190	-	110	189
Stocks at end of period						
Crude oil and feedstocks	1 061	1 255	828	838	932	980
Petroleum products	1 903	2 202	2 059	2 463	2 027	2 369


5. Natural gas

 eurostat	PORTUGAL						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		94 864	104 769	126 847	122 968	153 733	181 102
Total exports		-	-	-	-	-	-
Stock changes		-251	137	122	-328	-57	-6 620
Gross inland consumption		94 613	104 906	126 969	122 640	153 676	174 482
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		82 351	93 143	109 956	100 816	97 138	112 022
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		9 583	11 626	16 891	22 152	56 595	69 080
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		54 482	55 325	70 586	65 545	92 439	107 403
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	784	3 705
Distribution losses		120	57	1 337	968	936	2 583
Non-energy use		-	-	-	-	-	-
Industry		30 648	38 653	42 652	42 709	44 020	44 469
<i>among which:</i>							
Iron&steel industry		976	1 050	1 301	1 585	1 590	1 919
Non-ferrous metals		438	263	307	309	341	355
Chemical industry		2 174	2 730	2 948	3 207	2 841	2 996
Non-met. mineral prod.		20 144	23 553	24 804	22 825	23 567	24 032
Food, drink, tobacco		1 246	2 055	2 389	3 067	3 083	3 095
Pulp, paper and print		308	803	1 175	1 667	1 351	1 771
Engineering & metal		1 337	1 663	1 881	2 059	2 238	2 332
Other industries		373	741	1 040	1 364	1 600	1 693
Transport		51	207	320	413	410	457
Services & households etc.		6 074	9 510	12 070	12 988	15 130	15 879
<i>among which:</i>							
Households		3 404	5 448	6 816	7 351	8 432	9 301
Services		2 664	3 970	5 111	5 478	6 544	6 400


6.1 Hard coal

 eurostat	PORTUGAL					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	6 367	4 807	5 667	5 344	5 247	5 272
Total exports	-	-	-	-	-	-
Stock changes	-213	338	1	18	267	204
Gross inland consumption	6 154	5 145	5 668	5 362	5 514	5 476
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	399	838	668	129	-
Colombia	2 846	1 815	1 583	1 945	2 817	2 314
Russia	90	28	-	-	-	-
South Africa	2 426	1 462	2 120	2 079	1 369	1 985
USA	541	529	114	354	467	378
Consumption						
Inputs to electricity plants	5 171	4 788	5 401	5 139	5 285	5 436
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	484	265	267	215	131	16
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	12	13	16
Non-met. mineral prod.	484	265	267	203	118	-
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

	PORTUGAL					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	371	67	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	2 930	548	-	-	-	-
Blast-furnace gas	1 926	435	-	-	-	-
Gasworks gas	2 073	219	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	257	64	21	10	8	5
<i>among which:</i>						
Iron & steel industry	179	41	-	-	-	-
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	503	75	-	-	-	-
Blast-furnace gas	390	134	-	-	-	-
Gasworks gas	1 990	211	-	-	-	-
Inputs to electricity plants	2 779	557	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	1 130	209	-	-	-	-
Consumption in industry	937	213	-	-	-	-


7. Renewable energy sources

	PORTUGAL					
	2000	2001	2002	2003	2004	2005
Primary production						
Total primary production	<i>in 1000 toe</i>					
	3 109	3 895	3 643	4 336	3 894	3 578
Hydro (excl. pumping)	974	1 207	671	1 352	849	407
Wind	14	22	31	43	70	152
Solar	18	19	20	21	21	23
Geothermal	49	64	84	78	78	66
Biomass	2 053	2 583	2 838	2 842	2 877	2 931
<i>among which:</i>						
Wood, wood-waste	1 878	2 582	2 655	2 652	2 683	2 713
Municipal solid waste	174	175	182	189	189	207
Biogas	1	1	1	1	4	10
Gross inland consumption	3 109	3 895	3 643	4 336	3 894	3 578
Inputs to electricity and heat production						
	<i>in 1000 toe</i>					
Geothermal	49	64	83	77	77	65
Biomass	356	178	374	372	397	425
<i>among which:</i>						
Wood, wood-waste	180	177	191	182	203	208
Municipal waste	174	175	182	189	189	207
Biogas	1	1	1	1	4	10
Final consumption of RES (excl. electricity)						
Total	<i>in 1000 toe</i>					
	1 716	2 424	2 484	2 491	2 502	2 529
<i>by sector:</i>						
Industry	547	1 255	1 314	1 320	1 321	1 341
Services & households etc.	1 168	1 169	1 171	1 171	1 180	1 188
Transport	-	-	-	-	-	0
<i>by source:</i>						
Biomass	1 697	2 405	2 464	2 470	2 480	2 505
<i>among which:</i>						
Wood, wood-waste	1 697	2 405	2 464	2 470	2 480	2 505
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Geothermal	-	-	1	1	1	1
Electricity generation from RES						
	<i>in GWh</i>					
Solar photovoltaics	1	1	2	3	3	3
Hydro with installed capacity < 1 MW	73	71	66	84	74	51
Hydro with installed capacity > 1 & <10 MW	805	911	851	1 078	677	444
Hydro with installed capacity > 10 MW	10 445	13 052	6 883	14 561	9 118	4 236
Wood, Wood-waste	1 037	1 086	1 208	1 223	1 265	1 350
Municipal waste	514	511	523	551	526	592
Biogas	2	3	3	3	15	35

eurostat		PORTUGAL					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		1	1	2	2	2	2
Hydro with installed capacity < 1 MW		27	27	28	30	29	28
Hydro with installed capacity > 1 & <10 MW		280	290	316	315	309	323
Hydro with installed capacity > 10 MW		3 622	3 646	3 646	3 646	3 977	4 146
Wood, Wood-waste		219	214	233	224	224	273
Municipal waste		64	64	71	71	71	77
Biogas		1	1	1	1	6	8
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	0
Solar Panels							
Solar panel surface	<i>1000 m²</i>	238	246	254	261	269	289


1. Energy economy


Key figures and energy indicators

		ROMÂNIA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	28 630	27 577	27 984	28 222	28 414	27 451
Net energy imports		8 098	9 457	9 118	10 153	11 974	10 719
Net oil imports		3 542	4 991	3 486	3 481	4 808	3 874
Net gas imports		2 712	2 308	3 130	4 237	4 112	4 190
Gross inland energy consumption		37 067	36 815	38 420	40 089	39 588	39 146
Final energy consumption		22 450	22 973	22 997	24 155	26 117	24 502
Industry		9 055	9 630	10 268	10 309	10 726	9 752
Transport		3 384	4 074	4 341	4 345	5 178	4 204
Services and households etc.		10 012	9 268	8 389	9 501	10 213	10 545
Gross electricity generation	GWh	51 934	53 866	54 935	56 645	56 482	59 413
Final electricity consumption		33 912	36 265	35 575	37 465	38 736	39 046
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	25 436	26 897	28 274	29 751	32 267	33 605
Population	1000 per.	21 908	21 877	21 834	21 773	21 711	21 659
Industry added value	Mio EUR	10 101	10 642	11 223	11 759	12 562	13 003
Total imports (current prices)	Mio EUR	14 653	17 351	19 441	22 552	27 525	32 088
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 457.3	1 368.8	1 358.9	1 347.5	1 226.9	1 164.9
Final energy consumption / GDP(95)		882.6	854.1	813.4	811.9	809.4	729.1
Energy intensity of industry:							
Final consumption / gross value-added mp		896.4	904.9	914.9	876.7	853.9	750.0
Energy intensity of service sector:							
Final consumption / gross value-added mp		123.4	181.0	:	:	:	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 692	1 683	1 760	1 841	1 823	1 807
Final energy consumption / capita		1 025	1 050	1 053	1 109	1 203	1 131
Household consumption / capita		385	333	331	359	367	370
Final electricity consumption / capita	kWh/cap.	1 548	1 658	1 629	1 721	1 784	1 803
Energy dependency							
Net energy imports / Gross consumption	in %	21.8	25.7	23.7	25.3	30.2	27.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	60.6	62.4	59.9	60.3	66.0	62.6
Efficiency of thermal power stations		54.4	53.1	51.0	49.7	49.9	52.3


2. Energy balance

Principal aggregates by product


 eurostat	ROMANIA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	28 630	27 577	27 984	28 222	28 414	27 451
among which:						
Hard coal	162	64	7	7	25	16
Lignite and peat	5 715	5 637	6 094	6 530	6 182	5 777
Crude oil	6 337	6 272	6 113	5 930	5 738	5 476
Natural Gas	10 968	10 780	10 599	10 429	10 377	9 701
Nuclear heat	1 407	1 405	1 422	1 266	1 431	1 433
Hydro-electricity	1 271	1 283	1 380	1 140	1 420	1 737
Biomass	2 763	2 130	2 351	2 903	3 160	3 229
Imports						
Total	11 023	12 755	14 066	14 054	16 699	17 086
among which:						
Hard coal	1 650	1 763	2 394	1 616	2 358	2 419
Crude oil and feedstocks	4 836	5 574	6 405	5 252	7 359	8 751
Petroleum products	1 492	2 532	1 745	1 868	1 822	1 020
Natural Gas	2 712	2 308	3 130	4 237	4 112	4 190
Electricity	67	66	37	83	222	200
Exports						
Total	2 925	3 297	4 948	3 901	4 725	6 368
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	2 786	3 116	4 665	3 639	4 373	5 897
Natural gas	-	-	-	-	-	-
Electricity	126	179	283	262	324	449
Gross inland consumption						
Total	37 067	36 815	38 420	40 089	39 588	39 146
among which:						
Solid fuels	7 755	7 612	8 793	9 329	9 277	8 769
Crude oil and petrol. prod.	10 148	11 083	10 961	10 855	10 319	10 162
Natural gas	13 680	13 180	13 629	14 729	13 937	13 942
Nuclear Energy	1 407	1 405	1 422	1 266	1 431	1 433
Renewables	4 041	3 423	3 749	4 002	4 634	5 004
Transformation input						
Total	26 950	29 018	29 719	28 795	28 387	29 481
among which:						
Crude oil and feedstocks	11 318	12 536	13 668	12 430	13 157	14 978
Petroleum products	1 956	2 593	1 835	1 603	1 013	848
Hard coal	1 677	1 833	2 056	1 403	1 717	1 795
Lignite and peat	5 273	5 962	5 866	6 718	5 978	5 796
Renewables	20	9	85	16	66	20
Transformation output						
Total	20 456	21 746	22 675	21 370	21 760	23 453
among which:						
Electricity	3 195	3 348	3 344	3 731	3 437	3 371
Heat	4 557	4 581	3 737	3 615	3 235	3 049

 eurostat		ROMANIA					
		2000	2001	2002	2003	2004	2005
<i>in 1 000 toe</i>							
Final energy consumption							
Total		22 450	22 973	22 997	24 155	26 117	24 502
<i>among which:</i>	Solid fuels	979	980	1 147	1 507	1 488	1 429
	Petroleum products	5 298	6 167	6 366	6 000	7 391	6 548
	Natural Gas	6 451	6 826	6 926	7 607	7 998	7 153
	Renewables	2 741	2 122	2 272	2 836	3 126	3 248
	Electricity	2 916	3 118	3 059	3 221	3 331	3 357
Final energy consumption by sector							
Industry							
Total		9 055	9 630	10 268	10 309	10 726	9 752
<i>among which:</i>	Solid fuels	933	962	1 113	1 487	1 434	1 406
	Petroleum Products	1 228	1 527	1 446	961	1 041	1 047
	Natural Gas	3 976	4 231	4 428	4 561	4 745	4 035
	Renewables	261	231	325	477	264	246
	Electricity	1 712	1 785	1 952	1 921	2 172	2 036
Transport							
Total		3 384	4 074	4 341	4 345	5 178	4 204
<i>among which:</i>	Motor spirit	1 301	1 662	1 831	1 646	2 376	1 628
	Diesel oil	1 732	1 993	2 146	2 359	2 414	2 265
	Jet fuel	128	114	101	123	141	113
	Electricity	158	151	166	154	136	134
Services&households							
Total		10 012	9 268	8 389	9 501	10 213	10 545
<i>among which:</i>	Solid fuels	46	17	33	20	53	23
	Gas oil	462	336	401	365	586	333
	Natural Gas	2 473	2 528	2 476	3 046	3 253	3 119
	Renewables	2 480	1 891	1 947	2 359	2 863	3 002
	Electricity	1 047	1 183	940	1 147	1 023	1 187
	Heat	3 101	2 849	2 218	2 076	1 708	1 780


3.1 Electricity balance

 eurostat	ROMANIA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	51 934	53 866	54 935	56 645	56 482	59 413
<i>among which:</i>						
Hydro	14 778	14 923	16 046	13 259	16 513	20 207
Wind	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Nuclear	5 456	5 446	5 513	4 906	5 548	5 555
Conventional thermal	31 700	33 497	33 376	38 480	34 421	33 651
<i>of which:</i>						
Hard coal	383	926	400	-	734	454
Lignite and peat	18 543	18 768	19 912	23 344	20 732	21 462
Petroleum products	3 399	5 405	3 578	3 633	2 199	1 894
Natural gas	9 001	8 073	9 166	11 201	10 462	9 612
Derived gases	374	325	317	299	290	222
Biomass	-	-	3	3	4	6
Industrial wastes	-	-	-	-	-	1
Total net generation	48 625	50 423	51 256	52 622	52 676	55 503
Imports and exports						
Total imports	774	767	436	962	2 584	2 321
Total exports	1 470	2 077	3 290	3 046	3 766	5 224
Consumption and losses						
Consumption of the energy branch	10 697	9 477	9 620	11 017	10 508	11 620
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	6 629	6 814	6 886	6 079	6 056	5 844
Final energy consumption	33 912	36 265	35 575	37 465	38 736	39 046
<i>of which:</i>						
Industry	19 909	20 754	22 706	22 337	25 258	23 684
<i>among which:</i>						
Iron&steel industry	5 893	7 271	6 966	7 220	8 544	8 463
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	3 489	3 422	3 859	3 696	3 526	3 417
Non-met. mineral prod.	1 771	1 594	1 715	1 038	2 056	2 088
Food, drink, tobacco	1 302	1 370	1 536	2 570	3 343	2 905
Pulp, paper and print	697	718	694	812	707	542
Engineering & metal	2 896	2 721	3 148	2 827	2 609	2 338
Other industries	2 497	2 191	2 968	2 591	2 971	2 806
Transport	1 832	1 756	1 936	1 793	1 578	1 562
Services & households etc.	12 171	13 755	10 933	13 335	11 900	13 800
<i>among which:</i>						
Households	7 652	7 724	7 771	8 243	8 043	9 234


3.2 Electrical capacity, fuel inputs and heat


		ROMANIA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	21 904	20 864	19 588	19 369	19 624	18 950
<i>by source:</i>							
Conventional thermal		15 077	14 035	12 639	12 414	12 638	11 954
<i>of which:</i>							
Steam		14 901	13 883	12 558	12 347	12 557	11 846
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		176	152	81	67	81	108
Nuclear		707	707	707	707	707	707
Hydro		6 120	6 122	6 242	6 248	6 279	6 289
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		21 017	20 083	18 893	18 794	19 015	18 323
Autoproducers		887	781	695	575	610	627
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	10 638	11 610	10 841	12 028	10 694	10 103
<i>among which:</i>							
Hard coal		189	308	168	-	221	197
Lignite and peat		5 254	5 939	5 842	6 687	5 959	5 786
Petroleum products		1 684	2 403	1 632	1 428	874	775
Natural gas		3 393	2 837	3 065	3 801	3 539	3 287
Renewables		1	0	11	2	2	2
Heating plants		1 737	1 503	1 361	1 096	1 029	823
<i>among which:</i>							
Hard coal		15	13	6	-	5	3
Lignite and peat		20	23	23	31	20	10
Petroleum products		272	190	203	176	139	73
Natural gas		1 407	1 250	1 050	875	798	717
Renewables		19	9	75	14	64	19
Heat production and consumption							
Total heat production	TJ	4 557	4 581	3 737	3 615	3 235	3 049
<i>among which: in heating plants</i>							
		1 492	1 294	1 078	941	854	658
Heat consumption		3 570	3 289	2 665	2 419	2 187	2 135
<i>of which: in industry</i>							
		468	440	447	343	479	355
<i>in households and services</i>							
		3 101	2 849	2 218	2 076	1 708	1 780
<i>among which: in households</i>							
		2 601	2 504	2 069	1 896	1 592	1 442

4.1 Crude oil and feedstocks


 eurostat	ROMANIA					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	6 288	6 238	6 072	5 890	5 705	5 437
Total imports	4 798	5 544	6 362	5 217	7 317	8 689
Total exports	-	-	-	-	-	-
Stock changes	-112	37	-37	94	-240	-35
Refinery intake	11 227	12 461	13 565	12 336	13 077	14 867
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	266	-	-	-	226
Near and Middle East	-	354	324	-	-	226
Africa	-	75	-	-	-	50
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	266	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	1 477	714	1 566	825	1 977	3 111
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	3 245	3 152	3 365	4 322	4 589	4 854
Saudi Arabia	-	-	-	-	-	-
Syria	-	88	324	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	ROMANIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	10 990	12 152	13 453	12 040	13 077	14 867
<i>among which:</i>						
Motor spirit	2 629	2 734	3 572	3 297	3 422	4 238
Kerosene and jet fuel	225	305	173	191	222	247
Naphtha	591	639	670	460	639	507
Gas/diesel oil	3 839	4 199	4 689	3 988	4 170	4 709
Residual fuel oil	1 433	1 797	2 050	1 562	1 559	1 707
Total imports	1 562	2 679	1 844	1 934	1 928	1 085
Total exports	2 750	3 096	4 576	3 550	4 278	5 782
Bunkers	-	-	-	-	-	-
Stock changes	348	-253	-1	76	-227	207
Gross inland consumption	-840	-670	-2 733	-1 540	-2 577	-4 490
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	2	1	2	2	2
United Kingdom	1	2	3	9	5	11
Norway	-	-	4	19	20	20
OPEC	-	39	47	-	43	-
Imports by product						
<i>among which:</i>						
Motor spirit	8	18	28	74	86	63
Kerosene and jet fuel	40	21	17	40	41	20
Gas/diesel oil	15	67	222	500	433	191
Residual fuel oil	1 305	2 186	1 204	947	671	335
Exports by product						
<i>among which:</i>						
Motor spirit	1 113	1 009	1 980	1 726	1 963	2 715
Kerosene and jet fuel	67	75	44	84	91	106
Gas/diesel oil	1 177	1 494	2 122	1 350	1 591	1 900
Residual fuel oil	75	222	177	219	411	727
Consumption						
Inputs to electricity plants	1 755	2 498	1 700	1 494	913	808
Inputs to heating plants	276	193	209	178	144	75
Non-energy use	1 335	1 464	1 575	1 470	1 741	1 570
Final energy consumption	5 200	6 025	6 202	5 817	7 148	6 390
Industry						
<i>among which by product:</i>						
Gas/diesel oil	394	534	494	382	334	360
Residual fuel oil	738	768	393	257	334	294

 eurostat	ROMANIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	222	187	149	125	158	212
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	230	433	424	257	314	290
Non-met. mineral prod.	228	241	84	15	34	30
Food, drink, tobacco	143	148	178	98	101	70
Pulp, paper and print	30	34	23	25	23	10
Engineering & metal	84	120	112	113	43	47
Other industries	207	248	265	235	242	328
Transport	3 143	3 756	4 042	4 085	4 891	3 961
<i>among which:</i>						
Motor spirit	1 238	1 581	1 742	1 566	2 261	1 549
Jet fuel	125	111	98	120	137	110
Diesel oil	1 714	1 973	2 124	2 335	2 389	2 242
Services & households etc.	811	747	733	807	1 252	1 407
<i>among which:</i>						
Gas oil	457	333	397	361	580	330
Residual fuel oil	1	4	5	19	95	215
Stocks at end of period						
Crude oil and feedstocks	706	497	673	579	815	850
Petroleum products	970	1 285	1 270	1 194	1 423	1 216


5. Natural gas

 eurostat	ROMANIA						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		510 237	501 496	493 064	485 135	482 759	451 305
Total imports		126 151	107 387	145 601	197 100	191 269	194 935
Total exports		-	-	-	-	-	-
Stock changes		-	4 242	-4 656	2 974	-25 664	2 346
Gross inland consumption		636 388	613 125	634 009	685 209	648 364	648 586
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		126 151	107 387	145 601	177 283	191 269	194 935
Consumption							
Inputs to electricity plants		157 838	131 989	142 582	176 832	164 623	152 891
Inputs to heat plants		65 451	58 161	48 864	40 694	37 146	33 334
Consumption of energy branch		61 485	52 820	73 150	64 283	52 024	49 821
Distribution losses		14 121	17 336	19 045	23 733	19 873	26 478
Non-energy use		37 398	35 282	27 631	25 669	29 877	49 910
Industry		184 973	196 822	205 979	212 185	220 750	187 687
<i>among which:</i>							
Iron&steel industry		40 024	36 210	31 724	31 231	33 982	30 136
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		60 219	69 400	78 882	100 307	102 530	71 601
Non-met. mineral prod.		26 539	27 380	36 107	22 820	24 806	24 592
Food, drink, tobacco		13 415	20 881	13 027	14 913	16 075	27 497
Pulp, paper and print		5 713	5 171	5 825	6 566	4 185	5 129
Engineering & metal		20 485	23 138	22 485	16 534	17 167	14 551
Other industries		11 576	6 881	7 244	9 729	13 732	9 244
Transport		88	3 120	1 020	-	-	-
Services & households etc.		115 034	117 595	115 197	141 703	151 311	145 076
<i>among which:</i>							
Households		103 129	92 799	109 407	119 146	118 324	107 027
Services		10 914	24 091	4 267	21 502	31 386	36 362


6.1 Hard coal

 eurostat	ROMANIA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	281	121	13	10	53	32
Total imports	2 522	2 725	3 673	2 462	3 659	3 754
Total exports	-	-	-	-	-	-
Stock changes	-154	65	-217	138	-92	-108
Gross inland consumption	2 649	2 911	3 469	2 610	3 620	3 678
Imports						
Imports by origin						
<i>among which:</i>						
Australia	175	174	151	118	-	-
Colombia	58	144	-	-	-	-
Russia	1 530	1 626	2 147	1 306	2 205	1 824
South Africa	-	409	306	-	-	-
USA	-	-	-	-	315	971
Consumption						
Inputs to electricity plants	321	549	292	-	382	337
Inputs to heat plants	25	23	10	-	9	5
Consumption of energy branch	11	20	10	3	5	5
Industry						
<i>among which:</i>						
Iron&steel industry	2	-	1	346	267	304
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	1	7	-	-	38	61
Non-met. mineral prod.	5	5	7	7	2	-
Food, drink, tobacco	-	-	-	-	3	-
Pulp, paper and print	-	1	-	-	-	-
Engineering & metal	1	-	-	-	-	-
Other industries	-	1	-	-	-	-
Services & households etc.	45	2	3	-	29	16

6.2 Coal derivatives and peat

		ROMANIA					
		2000	2001	2002	2003	2004	2005
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 613	1 413	1 866	1 638	1 675	1 891
Patent Fuel		-	-	-	-	-	-
Lignite and peat		29 022	33 182	30 429	33 053	31 739	31 074
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		9 238	9 590	12 775	10 161	11 323	12 589
Blast-furnace gas		17 002	20 423	24 624	24 972	26 514	24 815
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 325	1 327	1 595	1 756	1 780	1 679
<i>among which:</i>							
Iron & steel industry		1 237	1 245	1 483	1 658	1 707	1 654
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		648	788	772	682	802	740
<i>among which:</i>							
Industry		545	697	614	579	600	664
Services & households		103	91	158	102	202	76
Brown coal briquettes		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		7 401	4 472	6 192	4 461	4 912	5 606
Blast-furnace gas		11 534	12 419	14 145	16 869	17 453	18 721
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		4 970	5 187	5 037	4 553	4 201	2 372
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		1 863	7 066	11 099	8 367	9 712	9 115
Consumption in industry		18 935	16 891	20 337	21 330	22 365	24 327


7. Renewable energy sources

		ROMANIA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	4 040	3 419	3 748	4 061	4 661	5 048
Hydro (excl. pumping)		1 271	1 283	1 380	1 140	1 420	1 737
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		7	5	17	18	80	82
Biomass		2 763	2 130	2 351	2 903	3 160	3 229
	<i>among which:</i>						
Wood, wood-waste		2 763	2 130	2 351	2 903	3 160	3 229
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Gross inland consumption		4 041	3 423	3 749	4 002	4 634	5 004
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	2	0	1	0
Biomass		20	9	83	16	65	20
	<i>among which:</i>						
Wood, wood-waste		20	9	83	16	65	20
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	2 741	2 122	2 272	2 836	3 126	3 248
	<i>by sector:</i>						
Industry		261	231	325	477	264	246
Services & households etc.		2 480	1 891	1 947	2 359	2 863	3 002
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		2 735	2 116	2 257	2 818	3 047	3 166
	<i>among which:</i>						
Wood, wood-waste		2 735	2 116	2 257	2 818	3 047	3 166
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		7	5	15	18	80	82
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	54	72	86	77
Hydro with installed capacity > 1 & <10 MW		-	-	382	398	513	599
Hydro with installed capacity > 10 MW		14 778	14 923	15 610	12 789	15 914	19 530
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	3	-	-	-

eurostat	ROMANIA					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	:	:	70	74	64	63
Hydro with installed capacity > 1 & <10 MW	:	:	276	274	255	262
Hydro with installed capacity > 10 MW	:	:	5 896	5 900	5 960	5 964
Wood, Wood-waste	251	151	-	-	-	-
Municipal waste	-	-	-	-	-	-
Biogas	-	-	3	-	-	-
Liquid biofuels						
Production	<i>1000 t</i>					
	-	-	-	-	-	-
Solar Panels						
Solar panel surface	<i>1000 m²</i>					
	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

		SLOVENIJA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	3 085	3 146	3 356	3 245	3 435	3 479
Net energy imports		3 369	3 377	3 442	3 685	3 708	3 810
Net oil imports		2 418	2 420	2 417	2 465	2 546	2 589
Net gas imports		820	845	815	902	894	925
Gross inland energy consumption		6 415	6 732	6 866	6 909	7 115	7 305
Final energy consumption		4 432	4 572	4 585	4 678	4 783	4 880
Industry		1 423	1 335	1 263	1 498	1 532	1 655
Transport		1 309	1 359	1 317	1 336	1 379	1 469
Services and households etc.		1 700	1 877	2 005	1 843	1 872	1 756
Gross electricity generation	GWh	13 624	14 466	14 599	13 820	15 271	15 117
Final electricity consumption		10 521	10 942	11 689	12 047	12 546	12 742
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	19 247	19 759	20 441	20 983	21 911	22 794
Population	1000 per.	1 988	1 990	1 994	1 995	1 996	1 998
Industry added value	Mio EUR	6 022	6 241	6 497	6 727	6 955	7 183
Total imports (current prices)	Mio EUR	11 845	12 202	12 785	13 643	15 466	16 555
among which:							
All energy commodities		:	:	:	:	850	1 695
Oil products		:	:	:	:	617	1 142
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	333.3	340.7	335.9	329.3	324.7	320.5
Final energy consumption / GDP(95)		230.2	231.4	224.3	222.9	218.3	214.1
Energy intensity of industry:							
Final consumption / gross value-added mp		236.3	213.9	194.4	222.8	220.3	230.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		58.2	74.5	74.0	49.0	50.3	42.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 227	3 383	3 443	3 463	3 564	3 657
Final energy consumption / capita		2 229	2 297	2 300	2 345	2 396	2 443
Household consumption / capita		564	561	584	625	619	592
Final electricity consumption / capita	kWh/cap.	5 293	5 498	5 862	6 039	6 284	6 379
Energy dependency							
Net energy imports / Gross consumption	in %	52.5	50.2	50.1	53.3	52.1	52.2
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	69.1	67.9	66.8	67.7	67.2	66.8
Efficiency of thermal power stations		43.7	41.6	41.2	43.2	43.4	44.2


2. Energy balance

Principal aggregates by product


 eurostat	SLOVENIJA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	3 085	3 146	3 356	3 245	3 435	3 479
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	1 062	1 008	1 175	1 184	1 201	1 184
Crude oil	1	-	-	-	-	-
Natural Gas	6	5	5	4	4	3
Nuclear heat	1 228	1 356	1 426	1 343	1 408	1 518
Hydro-electricity	330	326	285	254	352	298
Biomass	458	450	465	460	470	476
Imports						
Total	4 082	3 961	3 983	4 284	4 461	4 686
among which:						
Hard coal	195	223	266	269	317	295
Crude oil and feedstocks	151	-	-	-	-	-
Petroleum products	2 502	2 580	2 535	2 558	2 664	2 806
Natural Gas	820	845	815	902	894	925
Electricity	364	271	326	514	543	622
Exports						
Total	713	584	542	598	753	876
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	235	160	118	93	118	216
Natural gas	-	-	-	-	-	-
Electricity	477	424	424	500	610	650
Gross inland consumption						
Total	6 415	6 732	6 866	6 909	7 115	7 305
among which:						
Solid fuels	1 306	1 431	1 568	1 490	1 536	1 539
Crude oil and petrol. prod.	2 381	2 471	2 400	2 432	2 507	2 560
Natural gas	826	850	820	907	899	929
Nuclear Energy	1 228	1 356	1 426	1 343	1 408	1 518
Renewables	788	776	749	714	822	774
Transformation input						
Total	2 823	2 922	3 069	2 918	2 994	3 115
among which:						
Crude oil and feedstocks	169	1	1	1	1	1
Petroleum products	16	36	19	16	14	14
Hard coal	162	181	208	207	214	213
Lignite and peat	1 091	1 193	1 255	1 167	1 191	1 198
Renewables	23	25	33	36	40	37
Transformation output						
Total	1 235	1 142	1 184	1 164	1 194	1 245
among which:						
Electricity	842	917	970	934	961	1 002
Heat	224	223	212	228	232	241

eurostat	SLOVENIJA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	4 432	4 572	4 585	4 678	4 783	4 880
<i>among which:</i> Solid fuels	97	87	103	86	78	80
Petroleum products	2 231	2 322	2 271	2 305	2 326	2 392
Natural Gas	569	600	590	633	666	665
Renewables	435	425	431	423	430	440
Electricity	905	941	1 005	1 036	1 079	1 096
Final energy consumption by sector						
Industry						
Total	1 423	1 335	1 263	1 498	1 532	1 655
<i>among which:</i> Solid fuels	86	86	97	82	77	80
Petroleum Products	269	213	140	190	197	230
Natural Gas	492	458	431	499	511	541
Renewables	75	64	70	97	104	113
Electricity	475	489	501	566	581	617
Transport						
Total	1 309	1 359	1 317	1 336	1 379	1 469
<i>among which:</i> Motor spirit	844	837	802	783	697	685
Diesel oil	417	474	472	512	647	745
Jet fuel	25	27	29	26	20	23
Electricity	23	22	15	15	16	17
Services&households						
Total	1 700	1 877	2 005	1 843	1 872	1 756
<i>among which:</i> Solid fuels	11	1	6	4	0	-
Gas oil	577	662	720	700	692	628
Natural Gas	77	142	159	134	155	124
Renewables	360	361	361	326	326	327
Electricity	406	430	489	454	482	462
Heat	169	171	160	131	142	134


3.1 Electricity balance

 eurostat	SLOVENIJA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	13 624	14 466	14 599	13 820	15 271	15 117
<i>among which:</i>						
Hydro	3 834	3 796	3 313	2 957	4 094	3 461
Wind	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Nuclear	4 761	5 257	5 528	5 207	5 459	5 884
Conventional thermal	5 029	5 413	5 758	5 656	5 718	5 772
<i>of which:</i>						
Hard coal	307	352	494	508	525	519
Lignite and peat	4 304	4 567	4 808	4 600	4 666	4 752
Petroleum products	55	126	66	50	43	42
Natural gas	293	296	288	370	358	339
Derived gases	-	-	-	-	-	-
Biomass	70	72	102	122	121	114
Industrial wastes	-	-	-	6	5	6
Total net generation	12 795	13 591	13 693	12 895	14 308	14 149
Imports and exports						
Total imports	4 232	3 154	3 794	5 975	6 314	7 234
Total exports	5 553	4 926	4 928	5 811	7 094	7 558
Consumption and losses						
Consumption of the energy branch	971	1 023	1 039	1 081	1 095	1 097
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	811	729	737	856	850	954
Final energy consumption	10 521	10 942	11 689	12 047	12 546	12 742
<i>of which:</i>						
Industry	5 529	5 685	5 827	6 588	6 755	7 172
<i>among which:</i>						
Iron&steel industry	873	929	860	644	657	750
Non-ferrous metals	1 186	1 182	1 494	1 757	1 798	1 911
Chemical industry	418	430	479	897	903	852
Non-met. mineral prod.	445	457	412	470	443	461
Food, drink, tobacco	258	264	254	300	284	296
Pulp, paper and print	670	679	669	684	734	753
Engineering & metal	777	775	764	889	945	1 035
Other industries	579	629	603	626	683	816
Transport	265	255	172	179	190	198
Services & households etc.	4 727	5 002	5 690	5 280	5 601	5 372
<i>among which:</i>						
Households	2 601	2 675	2 704	3 008	3 012	2 951


3.2 Electrical capacity, fuel inputs and heat


		SLOVENIJA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	2 614	2 899	2 943	2 970	2 965	2 992
<i>by source:</i>							
Conventional thermal		1 115	1 337	1 338	1 340	1 335	1 357
<i>of which:</i>							
Steam		1 085	1 003	1 027	1 001	997	1 003
Gas turbine		17	319	298	319	318	321
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		656	656	656	656	656	656
Hydro		843	906	949	974	974	979
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		2 428	2 691	2 757	2 784	2 782	2 810
Autoproducers		186	208	186	186	183	182
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	1 342	1 486	1 560	1 488	1 505	1 507
<i>among which:</i>							
Hard coal		162	181	208	207	214	213
Lignite and peat		1 091	1 193	1 255	1 167	1 191	1 198
Petroleum products		12	32	14	11	9	9
Natural gas		62	64	59	75	63	58
Renewables		15	16	25	27	29	29
Heating plants		83	79	81	86	79	89
<i>among which:</i>							
Hard coal		-	-	-	-	-	0
Lignite and peat		-	-	-	-	-	-
Petroleum products		4	4	5	5	5	5
Natural gas		71	67	68	72	63	76
Renewables		8	8	8	9	11	8
Heat production and consumption							
Total heat production	TJ	224	223	212	228	232	241
<i>among which: in heating plants</i>							
		71	71	65	72	71	72
Heat consumption		195	197	185	189	195	196
<i>of which: in industry</i>							
		26	27	25	58	53	62
<i>in households and services</i>							
		169	171	160	131	142	134
<i>among which: in households</i>							
		94	104	97	100	107	109

4.1 Crude oil and feedstocks


 eurostat	SLOVENIJA						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production	1	-	-	-	-	-	-
Total imports	149	-	-	-	-	-	-
Total exports	-	-	-	-	-	-	-
Stock changes	17	-	-	-	-	-	-
Refinery intake	167	-	-	-	-	-	-
Imports of Crude Oil by origin							
<i>by region of origin:</i>							
OPEC	42	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-	-
Africa	42	-	-	-	-	-	-
<i>by country of origin:</i>							
Algeria	42	-	-	-	-	-	-
Irak	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-
Russia	46	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	SLOVENIJA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	167	-	-	-	-	-
<i>among which:</i>						
Motor spirit	35	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	34	-	-	-	-	-
Gas/diesel oil	56	-	-	-	-	-
Residual fuel oil	42	-	-	-	-	-
Total imports	2 449	2 531	2 485	2 515	2 640	2 782
Total exports	229	158	116	91	116	212
Bunkers	-	-	-	-	-	-
Stock changes	-53	50	-17	-32	-38	-28
Gross inland consumption	2 167	2 423	2 352	2 392	2 486	2 542
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	2	1	1	2	1
United Kingdom	-	-	-	1	26	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	868	807	779	783	719	730
Kerosene and jet fuel	24	30	35	30	23	22
Gas/diesel oil	1 257	1 369	1 377	1 394	1 520	1 641
Residual fuel oil	88	110	82	63	52	65
Exports by product						
<i>among which:</i>						
Motor spirit	70	30	18	27	30	62
Kerosene and jet fuel	-	1	6	2	1	-
Gas/diesel oil	129	120	87	55	81	141
Residual fuel oil	3	1	-	-	-	-
Consumption						
Inputs to electricity plants	12	32	14	11	9	9
Inputs to heating plants	4	4	5	5	5	5
Non-energy use	127	124	120	123	191	178
Final energy consumption	2 173	2 263	2 213	2 253	2 281	2 350
Industry						
<i>among which by product:</i>						
Gas/diesel oil	162	120	80	109	100	111
Residual fuel oil	96	82	50	41	47	59

 eurostat	SLOVENIJA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	2	1	1	1	1	3
Non-ferrous metals	5	5	4	5	4	5
Chemical industry	7	6	5	16	11	14
Non-met. mineral prod.	57	54	22	49	53	58
Food, drink, tobacco	34	35	32	32	33	30
Pulp, paper and print	3	1	1	1	13	29
Engineering & metal	29	21	16	32	26	28
Other industries	107	68	46	43	49	60
Transport	1 240	1 291	1 258	1 277	1 322	1 411
<i>among which:</i>						
Motor spirit	803	796	763	745	663	652
Jet fuel	24	26	28	25	19	22
Diesel oil	413	469	467	507	640	737
Services & households etc.	663	758	815	780	753	698
<i>among which:</i>						
Gas oil	571	655	713	693	685	622
Residual fuel oil	7	19	21	11	-	1
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	149	99	116	148	187	213


5. Natural gas

 eurostat	SLOVENIJA						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		281	240	240	199	201	160
Total imports		38 125	39 299	37 898	41 982	41 608	43 049
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		38 406	39 539	38 138	42 181	41 809	43 209
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		15 258	15 712	15 182	16 772	16 620	17 189
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		22 867	23 587	22 716	25 118	24 912	25 746
Consumption							
Inputs to electricity plants		2 895	2 984	2 743	3 476	2 917	2 705
Inputs to heat plants		3 314	3 111	3 163	3 339	2 951	3 549
Consumption of energy branch		281	240	240	199	201	160
Distribution losses		-	-	-	-	-	-
Non-energy use		5 452	5 300	4 543	5 729	4 762	5 869
Industry		22 867	21 288	20 032	23 214	23 759	25 158
<i>among which:</i>							
Iron&steel industry		2 991	3 058	2 724	3 067	3 235	3 554
Non-ferrous metals		568	646	610	790	838	881
Chemical industry		3 029	2 670	2 454	2 813	3 143	2 482
Non-met. mineral prod.		4 846	4 416	3 842	3 935	4 224	4 726
Food, drink, tobacco		1 628	1 540	1 480	2 445	1 407	1 460
Pulp, paper and print		3 710	2 974	3 694	4 422	4 841	5 020
Engineering & metal		2 233	2 083	2 122	2 516	2 928	3 500
Other industries		1 817	1 995	1 664	1 581	1 609	2 034
Transport		-	-	-	-	-	-
Services & households etc.		3 597	6 616	7 417	6 224	7 219	5 768
<i>among which:</i>							
Households		2 726	2 878	3 180	4 013	4 560	4 581
Services		871	3 738	4 237	2 211	2 659	1 187


6.1 Hard coal

 eurostat	SLOVENIJA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	448	447	572	568	629	593
Total exports	-	-	-	11	49	20
Stock changes	-2	38	-	42	14	39
Gross inland consumption	446	485	572	599	594	612
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	-	-	-	13	13	36
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	362	402	463	477	478	488
Inputs to heat plants	-	-	-	-	-	1
Consumption of energy branch	-	-	-	-	-	-
Industry	75	81	106	108	102	113
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	11	-	-	-
Non-met. mineral prod.	-	-	22	41	32	39
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	64	65	69	65	70	73
Engineering & metal	3	5	-	-	-	-
Other industries	7	11	2	2	-	1
Services & households etc.	8	2	3	1	1	-

6.2 Coal derivatives and peat

	SLOVENIJA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	4 480	4 133	4 686	4 830	4 809	4 540
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	72	60	53	34	32	31
<i>among which:</i>						
Iron & steel industry	38	4	5	6	-	8
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	37	8	22	15	-	-
<i>among which:</i>						
Industry	7	6	2	-	-	-
Services & households	30	2	20	15	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-


7. Renewable energy sources

		SLOVENIJA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	788	776	749	714	822	774
Hydro (excl. pumping)		330	326	285	254	352	298
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		458	450	465	460	470	476
	<i>among which:</i>						
Wood, wood-waste		454	446	460	454	463	469
Municipal solid waste		-	-	-	-	-	-
Biogas		4	4	5	6	7	7
Gross inland consumption		788	776	749	714	822	774
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		23	25	33	36	40	37
	<i>among which:</i>						
Wood, wood-waste		20	21	30	32	35	31
Municipal waste		-	-	-	-	-	-
Biogas		3	3	4	5	5	5
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	435	425	431	423	430	440
	<i>by sector:</i>						
Industry		75	64	70	97	104	113
Services & households etc.		360	361	361	326	326	327
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		435	425	431	423	430	440
	<i>among which:</i>						
Wood, wood-waste		434	424	430	422	428	438
Municipal waste		-	-	-	-	-	-
Biogas		1	1	1	1	2	1
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		169	197	165	140	238	236
Hydro with installed capacity > 1 & <10 MW		171	174	162	126	199	147
Hydro with installed capacity > 10 MW		3 495	3 425	2 986	2 690	3 658	3 078
Wood, Wood-waste		58	57	84	98	90	82
Municipal waste		-	-	-	-	-	-
Biogas		12	15	18	24	30	32

eurostat	SLOVENIJA					
	2000	2001	2002	2003	2004	2005
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	95	107	116	115	106	107
Hydro with installed capacity > 1 & <10 MW	32	40	40	36	37	36
Hydro with installed capacity > 10 MW	733	759	803	831	831	836
Wood, Wood-waste	2	15	15	13	13	13
Municipal waste	-	-	-	-	-	-
Biogas	2	3	3	3	5	5
Liquid biofuels						
Production	<i>1000 t</i>					
	-	-	-	-	-	-
Solar Panels						
Solar panel surface	<i>1000 m²</i>					
	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

		SLOVENSKO					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	5 970	6 407	6 538	6 347	6 230	6 547
Net energy imports		11 623	12 234	12 575	12 644	13 184	12 539
Net oil imports		2 711	2 889	3 318	3 190	3 311	3 311
Net gas imports		5 707	6 214	6 324	5 996	6 290	5 757
Gross inland energy consumption		17 483	19 337	19 379	19 294	19 180	19 407
Final energy consumption		10 539	11 000	11 152	10 659	10 898	10 606
Industry		3 985	3 975	4 234	4 309	4 425	4 459
Transport		1 549	1 509	1 797	1 606	1 586	1 805
Services and households etc.		5 004	5 516	5 121	4 744	4 887	4 342
Gross electricity generation	GWh	30 685	32 046	32 427	31 178	30 567	31 455
Final electricity consumption		22 010	23 452	22 760	22 985	24 027	22 850
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	17 856	18 432	19 190	19 989	21 071	22 343
Population	1000 per.	5 399	5 379	5 379	5 379	5 380	5 385
Industry added value	Mio EUR	5 879	6 106	6 351	7 347	7 942	9 104
Total imports (current prices)	Mio EUR	13 622	15 456	16 172	17 399	18 936	22 083
among which:							
All energy commodities		:	:	:	:	1 026	3 864
Oil products		:	:	:	:	2 079	2 074
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	979.2	1 049.1	1 009.8	965.2	910.2	868.6
Final energy consumption / GDP(95)		590.2	596.8	581.1	533.3	517.2	474.7
Energy intensity of industry:							
Final consumption / gross value-added mp		677.9	651.0	666.7	586.5	557.1	489.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		242.5	235.0	205.1	184.3	215.1	176.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 238	3 595	3 603	3 587	3 565	3 604
Final energy consumption / capita		1 952	2 045	2 073	1 982	2 026	1 970
Household consumption / capita		479	569	553	523	495	470
Final electricity consumption / capita	kWh/cap.	4 077	4 360	4 231	4 273	4 466	4 243
Energy dependency							
Net energy imports / Gross consumption	in %	66.5	63.3	64.9	65.5	68.7	64.6
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	60.3	56.9	57.5	55.2	56.8	54.6
Efficiency of thermal power stations		44.2	50.8	53.9	50.8	52.4	51.2


2. Energy balance

Principal aggregates by product


 eurostat	SLOVENSKO					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	5 970	6 407	6 538	6 347	6 230	6 547
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	1 018	980	934	819	817	637
Crude oil	59	55	53	49	43	35
Natural Gas	133	151	145	166	142	126
Nuclear heat	4 255	4 412	4 631	4 608	4 392	4 573
Hydro-electricity	406	424	453	299	353	399
Biomass	100	336	260	331	397	473
Imports						
Total	15 269	16 478	16 881	17 019	18 091	17 534
among which:						
Hard coal	3 153	3 246	3 064	3 258	3 399	3 481
Crude oil and feedstocks	5 298	5 577	5 703	5 744	6 163	5 558
Petroleum products	274	552	878	811	1 091	1 329
Natural Gas	5 707	6 214	6 324	5 996	6 290	6 065
Electricity	512	521	577	741	751	688
Exports						
Total	3 646	4 244	4 306	4 375	4 907	4 995
among which:						
Crude oil and feedstocks	15	17	14	71	181	139
Petroleum products	2 847	3 222	3 248	3 294	3 762	3 438
Natural gas	-	-	-	-	-	308
Electricity	744	838	934	935	911	969
Gross inland consumption						
Total	17 483	19 337	19 379	19 294	19 180	19 407
among which:						
Solid fuels	4 261	4 421	4 281	4 604	4 519	4 288
Crude oil and petrol. prod.	2 925	3 307	3 732	3 485	3 552	4 045
Natural gas	5 776	6 716	6 321	6 139	6 111	5 925
Nuclear Energy	4 255	4 412	4 631	4 608	4 392	4 573
Renewables	498	763	724	633	742	825
Transformation input						
Total	14 931	16 615	16 353	16 852	16 974	16 519
among which:						
Crude oil and feedstocks	5 410	6 410	6 402	6 331	6 872	6 374
Petroleum products	109	92	90	120	104	101
Hard coal	2 343	2 499	2 429	2 616	2 576	2 573
Lignite and peat	848	920	675	992	809	723
Renewables	-	65	54	66	73	99
Transformation output						
Total	10 760	12 015	11 855	12 120	12 304	12 021
among which:						
Electricity	2 211	2 315	2 317	2 365	2 266	2 296
Heat	880	1 397	1 219	1 327	1 286	1 255

eurostat	SLOVENSKO					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	10 539	11 000	11 152	10 659	10 898	10 606
<i>among which:</i> Solid fuels	1 511	1 283	1 428	1 386	1 715	1 499
Petroleum products	1 979	1 990	2 333	1 972	2 034	2 196
Natural Gas	4 167	3 991	3 785	3 587	3 318	3 233
Renewables	1	274	217	268	315	327
Electricity	1 893	2 017	1 957	1 976	2 066	1 965
Final energy consumption by sector						
Industry						
Total	3 985	3 975	4 234	4 309	4 425	4 459
<i>among which:</i> Solid fuels	1 249	1 035	1 110	1 267	1 482	1 435
Petroleum Products	393	409	455	294	346	312
Natural Gas	1 117	1 061	1 249	1 005	855	969
Renewables	0	229	209	262	275	277
Electricity	838	832	775	881	922	949
Transport						
Total	1 549	1 509	1 797	1 606	1 586	1 805
<i>among which:</i> Motor spirit	633	640	752	697	637	688
Diesel oil	834	735	928	807	855	1 008
Jet fuel	-	32	48	34	27	39
Electricity	83	66	62	62	61	49
Services&households						
Total	5 004	5 516	5 121	4 744	4 887	4 342
<i>among which:</i> Solid fuels	261	248	318	118	233	65
Gas oil	78	121	84	74	80	81
Natural Gas	3 050	2 927	2 535	2 578	2 458	2 256
Renewables	1	11	5	4	39	38
Electricity	972	1 118	1 120	1 033	1 083	967
Heat	601	1 037	995	871	905	869


3.1 Electricity balance

 eurostat	SLOVENSKO					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	30 685	32 046	32 427	31 178	30 567	31 455
<i>among which:</i>						
Hydro	4 975	5 117	5 483	3 672	4 207	4 741
Wind	-	-	-	2	6	7
Geothermal	-	-	-	-	-	-
Nuclear	16 494	17 103	17 953	17 864	17 026	17 727
Conventional thermal	9 216	9 826	8 991	9 640	9 328	8 980
<i>of which:</i>						
Hard coal	3 369	3 184	3 141	3 553	3 342	3 520
Lignite and peat	2 215	2 638	2 014	2 413	2 339	2 016
Petroleum products	202	690	704	708	737	741
Natural gas	3 376	2 699	2 511	2 396	2 421	2 184
Derived gases	54	402	420	429	420	445
Biomass	-	-	-	-	-	-
Industrial wastes	-	213	201	141	69	74
Total net generation	27 413	29 609	29 980	28 715	28 153	29 291
Imports and exports						
Total imports	5 951	6 065	6 710	8 623	8 731	8 005
Total exports	8 647	9 743	10 867	10 878	10 593	11 270
Consumption and losses						
Consumption of the energy branch	3 903	3 400	4 187	3 807	3 253	3 549
<i>of which:</i>						
Consumption for pumped-storage	50	72	63	70	61	52
Network losses	1 827	1 326	1 108	1 939	1 318	1 687
Final energy consumption	22 010	23 452	22 760	22 985	24 027	22 850
<i>of which:</i>						
Industry	9 741	9 680	9 019	10 250	10 724	11 034
<i>among which:</i>						
Iron&steel industry	3 251	2 461	1 541	2 415	2 602	2 292
Non-ferrous metals	-	1 665	1 683	2 022	2 352	2 376
Chemical industry	1 446	1 057	1 415	1 460	1 406	1 699
Non-met. mineral prod.	1 015	695	855	1 013	788	800
Food, drink, tobacco	1 121	967	1 080	529	506	543
Pulp, paper and print	683	732	801	911	1 036	1 023
Engineering & metal	1 087	1 196	650	919	1 001	999
Other industries	680	627	686	704	736	972
Transport	965	767	720	726	708	572
Services & households etc.	11 304	13 005	13 021	12 009	12 595	11 244
<i>among which:</i>						
Households	5 419	5 222	5 157	5 039	4 817	4 701


3.2 Electrical capacity, fuel inputs and heat


		SLOVENSKO					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	7 454	8 320	8 119	8 202	8 268	8 247
<i>by source:</i>							
Conventional thermal		2 394	3 178	2 974	3 052	3 107	3 090
<i>of which:</i>							
Steam		-	-	-	-	-	-
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		2 640	2 640	2 640	2 640	2 640	2 640
Hydro		2 420	2 502	2 505	2 507	2 518	2 512
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	3	3	5
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		7 454	7 611	7 460	7 520	7 678	7 693
Autoproducers		-	722	669	692	600	564
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	2 656	3 119	2 541	2 960	2 698	2 622
<i>among which:</i>							
Hard coal		787	973	805	920	873	923
Lignite and peat		829	908	668	971	790	715
Petroleum products		37	90	89	114	99	99
Natural gas		933	1 055	892	847	845	782
Renewables		-	38	25	47	31	40
Heating plants		584	664	638	678	749	717
<i>among which:</i>							
Hard coal		-	1	-	3	3	-
Lignite and peat		19	13	7	21	19	8
Petroleum products		72	3	1	7	5	2
Natural gas		489	615	576	623	673	633
Renewables		-	26	29	19	42	59
Heat production and consumption							
Total heat production	TJ	880	1 397	1 219	1 327	1 286	1 255
<i>among which: in heating plants</i>							
		498	609	577	604	621	630
Heat consumption		619	1 057	1 021	1 026	1 004	951
<i>of which: in industry</i>							
		18	21	25	155	99	82
<i>in households and services</i>							
		601	1 037	995	871	905	869
<i>among which: in households</i>							
		406	868	782	683	624	625

4.1 Crude oil and feedstocks


 eurostat	SLOVENSKO					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	59	54	52	48	42	34
Total imports	5 329	5 495	5 633	5 666	6 075	5 455
Total exports	15	17	14	70	178	137
Stock changes	69	59	32	35	-179	89
Refinery intake	5 442	6 316	6 322	6 244	6 773	6 258
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	32	41	35	15	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	-	5 322	5 474	5 520	5 826	5 353
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	SLOVENSKO					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	5 774	6 284	6 192	6 156	6 482	6 202
<i>among which:</i>						
Motor spirit	1 377	1 440	1 555	1 597	1 670	1 584
Kerosene and jet fuel	47	50	44	64	62	38
Naphtha	751	560	530	515	573	560
Gas/diesel oil	2 125	2 406	2 341	2 351	2 599	2 466
Residual fuel oil	507	718	620	635	526	543
Total imports	270	552	884	819	1 106	1 342
Total exports	2 806	3 210	3 230	3 278	3 736	3 414
Bunkers	-	-	-	-	-	-
Stock changes	91	-38	-	-108	22	-30
Gross inland consumption	-2 445	-2 652	-2 291	-2 501	-2 530	-1 821
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	1	1	8
United Kingdom	-	-	-	-	-	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	98	221	324	246	216	307
Kerosene and jet fuel	-	3	16	22	93	76
Gas/diesel oil	99	118	285	233	445	515
Residual fuel oil	36	30	16	64	41	31
Exports by product						
<i>among which:</i>						
Motor spirit	869	1 025	1 151	1 130	1 275	1 187
Kerosene and jet fuel	13	6	11	32	20	30
Gas/diesel oil	1 441	1 569	1 567	1 587	2 013	1 825
Residual fuel oil	431	363	260	274	157	113
Consumption						
Inputs to electricity plants	39	93	92	119	104	103
Inputs to heating plants	75	3	1	7	5	2
Non-energy use	1 202	821	921	801	677	838
Final energy consumption	1 988	1 972	2 313	1 938	1 999	2 161
Industry						
<i>among which by product:</i>						
Gas/diesel oil	31	24	27	27	37	19
Residual fuel oil	88	305	336	176	178	192

 eurostat	SLOVENSKO					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	6	2
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	165	246	304	181	235	212
Non-met. mineral prod.	4	63	47	59	70	70
Food, drink, tobacco	2	7	3	4	2	3
Pulp, paper and print	1	15	7	8	8	5
Engineering & metal	3	2	1	4	1	2
Other industries	28	39	50	40	29	27
Transport	1 427	1 367	1 683	1 495	1 478	1 692
<i>among which:</i>						
Motor spirit	602	609	716	663	606	655
Jet fuel	-	31	47	33	26	38
Diesel oil	825	727	919	799	846	998
Services & households etc.	116	170	145	136	165	144
<i>among which:</i>						
Gas oil	77	120	83	73	79	80
Residual fuel oil	3	-	-	-	17	7
Stocks at end of period						
Crude oil and feedstocks	-	-	-	243	315	333
Petroleum products	-	-	-	550	528	558


5. Natural gas

 eurostat	SLOVENSKO						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		6 182	7 009	6 754	7 745	6 603	5 876
Total imports		265 484	289 053	294 203	278 951	292 628	282 145
Total exports		-	-	-	-	-	14 309
Stock changes		-2 947	16 374	-6 889	-1 102	-14 944	1 906
Gross inland consumption		268 719	312 436	294 068	285 594	284 287	275 618
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		265 484	289 053	294 203	278 951	292 628	282 145
Consumption							
Inputs to electricity plants		43 407	49 096	41 499	39 416	39 317	36 363
Inputs to heat plants		22 771	28 619	26 807	28 988	31 293	29 451
Consumption of energy branch		5 633	31 720	29 832	30 249	36 881	35 731
Distribution losses		3 045	940	3 736	5 483	5 788	5 760
Non-energy use		-	16 414	16 113	14 441	16 595	17 930
Industry		51 968	49 337	58 110	46 750	39 766	45 084
<i>among which:</i>							
Iron&steel industry		7 477	6 041	9 133	7 176	6 723	6 780
Non-ferrous metals		1 169	905	1 211	1 302	1 382	1 294
Chemical industry		10 516	9 137	9 026	4 764	3 442	3 373
Non-met. mineral prod.		12 871	13 107	12 633	9 669	7 466	11 029
Food, drink, tobacco		4 106	4 913	9 010	7 470	5 871	7 246
Pulp, paper and print		2 722	3 372	2 976	2 064	2 817	2 579
Engineering & metal		6 022	5 281	7 335	7 769	5 181	5 789
Other industries		2 823	1 902	2 778	2 732	2 647	3 776
Transport		-	145	62	183	274	367
Services & households etc.		141 895	136 165	117 909	119 933	114 334	104 932
<i>among which:</i>							
Households		76 396	77 025	74 580	74 864	69 156	65 943
Services		63 271	57 129	41 992	43 622	43 584	37 133


6.1 Hard coal

 eurostat	SLOVENSKO					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	4 851	4 963	4 629	4 945	5 183	5 263
Total exports	-	-	-	-	-	-
Stock changes	-195	-41	97	145	-32	-280
Gross inland consumption	4 656	4 922	4 726	5 090	5 151	4 983
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	1 605	1 664	1 630	1 730	1 468	2 148
South Africa	-	-	-	-	-	-
USA	-	-	-	-	60	290
Consumption						
Inputs to electricity plants	1 329	1 421	1 345	1 540	1 598	1 540
Inputs to heat plants	-	1	-	5	5	-
Consumption of energy branch	-	-	-	-	-	-
Industry	676	644	607	716	1 093	1 074
<i>among which:</i>						
Iron&steel industry	364	377	394	449	851	830
Non-ferrous metals	10	6	24	16	11	81
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	195	197	129	185	152	98
Food, drink, tobacco	1	-	-	-	-	-
Pulp, paper and print	106	61	59	61	55	62
Engineering & metal	-	2	-	4	3	2
Other industries	-	-	-	-	-	-
Services & households etc.	53	156	8	-	34	1

6.2 Coal derivatives and peat

		SLOVENSKO					
		2000	2001	2002	2003	2004	2005
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 706	1 697	1 806	1 886	1 883	1 846
Patent Fuel		-	-	-	-	-	-
Lignite and peat		3 648	3 424	3 404	3 097	2 952	2 511
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		13 380	13 458	14 346	15 025	14 883	14 717
Blast-furnace gas		20 066	20 555	22 028	24 632	23 834	24 559
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 057	859	996	1 193	1 182	1 065
<i>among which:</i>							
Iron & steel industry		910	739	937	1 112	1 081	1 023
Services & households		96	79	14	49	53	4
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		1 162	721	1 368	546	820	437
<i>among which:</i>							
Industry		596	424	266	226	211	198
Services & households		566	297	1 102	320	609	239
Brown coal briquettes		4	3	1	1	10	1
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		4	3	1	1	10	1
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		9 495	9 706	10 262	10 592	10 387	10 034
Blast-furnace gas		6 950	6 579	7 351	8 516	8 513	8 481
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		2 998	2 254	2 399	2 601	2 592	2 769
Inputs to heat plants		58	108	95	33	48	34
Consumption of energy branch		12 956	14 459	15 071	16 364	15 805	16 247
Consumption in industry		16 445	16 285	17 613	19 108	18 900	18 515

7. Renewable energy sources

		SLOVENSKO					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	506	768	723	638	758	881
Hydro (excl. pumping)		406	424	453	299	353	399
Wind		-	-	-	0	1	1
Solar		-	-	-	-	-	-
Geothermal		-	9	9	8	8	8
Biomass		100	336	260	331	397	473
	<i>among which:</i>						
Wood, wood-waste		100	267	251	300	350	398
Municipal solid waste		-	25	4	26	29	35
Biogas		-	5	3	4	6	5
Gross inland consumption		498	763	724	633	742	825
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	8	8	7	7	7
Biomass		-	57	47	59	67	92
	<i>among which:</i>						
Wood, wood-waste		-	32	42	32	37	53
Municipal waste		-	25	4	26	29	35
Biogas		-	0	1	2	1	4
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	1	274	217	268	315	327
	<i>by sector:</i>						
Industry		0	229	209	262	275	277
Services & households etc.		1	11	5	4	39	38
Transport		-	34	3	2	1	11
	<i>by source:</i>						
Biomass		1	273	215	267	314	326
	<i>among which:</i>						
Wood, wood-waste		1	235	210	263	308	314
Municipal waste		-	-	-	-	-	-
Biogas		-	5	3	2	5	1
Geothermal		-	1	2	1	1	1
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	15	16	13	20	37
Hydro with installed capacity > 1 & <10 MW		-	11	13	15	22	23
Hydro with installed capacity > 10 MW		4 615	4 901	5 239	3 452	4 058	4 578
Wood, Wood-waste		:	153	150	84	3	4
Municipal waste		-	-	-	26	30	47
Biogas		:	1	2	2	2	4

eurostat		SLOVENSKO					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	5	4	5	9	16
Hydro with installed capacity > 1 & <10 MW		-	3	3	5	5	46
Hydro with installed capacity > 10 MW		1 685	1 578	1 579	1 578	1 588	1 535
Wood, Wood-waste		-	5	1	1	-	44
Municipal waste		-	-	-	6	6	6
Biogas		-	1	2	1	1	2
Liquid biofuels							
Production	<i>1000 t</i>	-	38	3	2	12	35
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

eurostat		SUOMI/FINLAND					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	14 758	14 677	15 586	15 513	15 406	16 203
Net energy imports		18 512	18 875	18 760	22 315	20 831	19 163
Net oil imports		10 535	10 107	10 132	11 237	11 003	10 844
Net gas imports		3 422	3 707	3 684	4 084	3 951	3 598
Gross inland energy consumption		32 483	33 103	35 124	37 142	37 351	34 515
Final energy consumption		24 159	24 118	25 071	25 606	26 056	25 216
Industry		12 053	11 420	12 097	12 386	12 873	12 082
Transport		4 443	4 534	4 553	4 689	4 794	4 816
Services and households etc.		7 663	8 164	8 421	8 532	8 389	8 318
Gross electricity generation	GWh	69 989	74 450	74 899	84 230	85 817	70 549
Final electricity consumption		75 446	77 296	79 681	80 855	83 128	80 935
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	126 113	129 438	131 564	133 898	138 889	142 942
Population	1000 per.	5 171	5 181	5 195	5 206	5 220	5 237
Industry added value	Mio EUR	41 340	42 958	44 326	45 467	47 610	49 405
Total imports (current prices)	Mio EUR	44 660	45 001	46 111	47 620	51 314	57 570
among which:							
All energy commodities		4 370	4 154	4 046	4 481	4 481	5 887
Oil products		3 532	3 008	2 978	3 145	3 616	4 899
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	257.6	255.7	267.0	277.4	268.9	241.5
Final energy consumption / GDP(95)		191.6	186.3	190.6	191.2	187.6	176.4
Energy intensity of industry:							
Final consumption / gross value-added mp		291.5	265.8	272.9	272.4	270.4	244.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		36.0	38.0	40.0	40.5	39.6	37.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	6 281	6 389	6 761	7 134	7 156	6 591
Final energy consumption / capita		4 672	4 655	4 826	4 918	4 992	4 815
Household consumption / capita		877	931	949	958	924	925
Final electricity consumption / capita	kWh/cap.	14 589	14 919	15 338	15 530	15 926	15 456
Energy dependency							
Net energy imports / Gross consumption	in %	55.8	56.1	52.5	59.1	55.0	54.7
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	74.4	72.9	71.4	68.9	69.8	73.1
Efficiency of thermal power stations		73.3	70.6	69.8	64.9	68.0	76.6


2. Energy balance

Principal aggregates by product


 eurostat	SUOMI/FINLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	14 758	14 677	15 586	15 513	15 406	16 203
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	1 207	1 378	2 107	1 832	885	2 129
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	5 799	5 874	5 751	5 864	5 860	6 003
Hydro-electricity	1 261	1 135	927	825	1 296	1 185
Biomass	6 484	6 283	6 796	6 984	7 355	6 872
Imports						
Total	23 641	23 998	24 358	28 568	27 137	24 449
among which:						
Hard coal	3 203	3 894	3 641	6 291	5 171	3 004
Crude oil and feedstocks	12 115	11 347	12 146	12 447	12 682	11 017
Petroleum products	3 507	3 711	3 405	4 384	3 978	4 945
Natural Gas	3 422	3 707	3 684	4 084	3 951	3 598
Electricity	1 050	1 012	1 158	1 022	1 003	1 541
Exports						
Total	5 129	5 123	5 599	6 253	6 307	5 286
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	5 087	4 951	5 419	5 594	5 656	5 118
Natural gas	-	-	-	-	-	-
Electricity	28	156	132	604	584	80
Gross inland consumption						
Total	32 483	33 103	35 124	37 142	37 351	34 515
among which:						
Solid fuels	5 087	6 099	6 488	8 315	7 508	4 925
Crude oil and petrol. prod.	9 195	8 927	10 270	10 407	10 952	10 482
Natural gas	3 422	3 707	3 684	4 084	3 951	3 598
Nuclear Energy	5 799	5 874	5 751	5 864	5 860	6 003
Renewables	7 752	7 425	7 690	7 771	8 604	7 994
Transformation input						
Total	28 030	28 650	30 516	33 474	32 698	29 013
among which:						
Crude oil and feedstocks	13 200	12 384	13 582	13 521	13 969	13 194
Petroleum products	358	442	391	530	413	371
Hard coal	3 033	3 523	3 955	5 383	4 788	2 648
Lignite and peat	1 143	1 670	1 754	2 178	1 850	1 381
Renewables	1 547	1 615	1 920	2 294	2 334	2 263
Transformation output						
Total	22 121	22 021	23 499	25 004	25 119	23 032
among which:						
Electricity	4 751	5 260	5 508	6 410	6 073	4 866
Heat	2 990	3 268	3 457	4 070	4 060	3 895

eurostat	SUOMI/FINLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	24 159	24 118	25 071	25 606	26 056	25 216
<i>among which:</i> Solid fuels	1 099	1 121	1 103	987	949	966
Petroleum products	7 507	7 268	7 714	7 932	8 064	7 985
Natural Gas	952	1 007	973	905	788	795
Renewables	4 938	4 669	4 838	4 645	4 964	4 531
Electricity	6 487	6 646	6 851	6 952	7 148	6 959
Final energy consumption by sector						
Industry						
Total	12 053	11 420	12 097	12 386	12 873	12 082
<i>among which:</i> Solid fuels	1 071	1 091	1 073	956	919	936
Petroleum Products	1 446	1 074	1 459	1 598	1 693	1 660
Natural Gas	889	938	899	832	714	719
Renewables	3 853	3 524	3 669	3 474	3 794	3 374
Electricity	3 669	3 644	3 755	3 810	3 965	3 720
Transport						
Total	4 443	4 534	4 553	4 689	4 794	4 816
<i>among which:</i> Motor spirit	1 917	1 956	1 927	1 988	1 969	1 966
Diesel oil	1 925	1 986	2 029	2 079	2 167	2 183
Jet fuel	505	505	493	506	548	565
Electricity	46	49	51	54	54	56
Services&households						
Total	7 663	8 164	8 421	8 532	8 389	8 318
<i>among which:</i> Solid fuels	28	30	30	31	30	30
Gas oil	1 464	1 516	1 475	1 426	1 374	1 317
Natural Gas	62	67	72	70	72	73
Renewables	1 085	1 144	1 168	1 165	1 164	1 157
Electricity	2 772	2 953	3 045	3 089	3 129	3 184
Heat	2 050	2 259	2 349	2 469	2 354	2 305


3.1 Electricity balance

 eurostat	SUOMI/FINLAND					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	69 989	74 450	74 899	84 230	85 817	70 549
<i>among which:</i>						
Hydro	14 660	13 204	10 776	9 591	15 070	13 784
Wind	78	70	64	93	120	170
Geothermal	-	-	-	-	-	-
Nuclear	22 479	22 773	22 295	22 731	22 716	23 271
Conventional thermal	32 770	38 401	41 762	51 813	47 909	33 321
<i>of which:</i>						
Hard coal	8 535	10 659	12 611	18 880	16 503	6 492
Lignite and peat	3 962	6 210	6 448	7 320	6 525	4 482
Petroleum products	610	652	601	934	615	497
Natural gas	10 080	11 552	11 304	13 941	12 779	11 251
Derived gases	704	643	670	566	629	687
Biomass	8 557	8 411	9 740	9 700	10 509	9 607
Industrial wastes	322	274	388	472	349	305
Total net generation	67 292	71 230	71 617	80 379	82 154	67 808
Imports and exports						
Total imports	12 206	11 769	13 464	11 882	11 667	17 922
Total exports	326	1 810	1 539	7 030	6 797	933
Consumption and losses						
Consumption of the energy branch	3 671	4 086	4 202	4 780	4 598	3 630
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	2 752	3 027	2 941	3 447	2 959	2 973
Final energy consumption	75 446	77 296	79 681	80 855	83 128	80 935
<i>of which:</i>						
Industry	42 674	42 384	43 668	44 306	46 111	43 261
<i>among which:</i>						
Iron&steel industry	2 470	2 562	2 615	3 201	3 371	3 271
Non-ferrous metals	1 957	2 029	2 072	1 918	2 098	2 055
Chemical industry	5 019	5 143	5 369	4 633	4 781	4 667
Non-met. mineral prod.	871	927	924	942	985	996
Food, drink, tobacco	1 588	1 590	1 540	1 547	1 573	1 572
Pulp, paper and print	25 205	24 239	24 958	25 118	26 275	23 576
Engineering & metal	2 450	2 492	2 537	2 463	2 469	2 524
Other industries	2 281	2 578	2 809	3 664	3 724	3 769
Transport	538	565	594	627	630	648
Services & households etc.	32 234	34 347	35 419	35 922	36 387	37 026
<i>among which:</i>						
Households	18 135	19 373	19 940	20 405	20 364	20 578


3.2 Electrical capacity, fuel inputs and heat


		SUOMI/FINLAND					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	16 258	16 473	16 566	16 553	16 563	16 464
<i>by source:</i>							
Conventional thermal		10 698	10 868	10 888	10 864	10 811	10 676
<i>of which:</i>							
Steam		7 215	7 385	7 405	7 381	7 328	7 193
Gas turbine		1 847	1 847	1 847	1 847	1 847	1 847
Combined cycle		1 586	1 586	1 586	1 586	1 586	1 586
Internal combustion		50	50	50	50	50	50
Nuclear		2 640	2 640	2 671	2 671	2 671	2 671
Hydro		2 882	2 926	2 964	2 966	2 999	3 035
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		38	39	43	52	82	82
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		13 988	14 204	14 296	14 286	14 297	14 198
Autoproducers		2 270	2 270	2 270	2 270	2 270	2 270
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 923	8 255	9 043	11 737	10 584	7 538
<i>among which:</i>							
Hard coal		2 088	2 582	3 005	4 427	3 832	1 690
Lignite and peat		1 081	1 611	1 691	2 079	1 757	1 283
Petroleum products		131	132	127	226	137	107
Natural gas		1 932	2 211	2 177	2 603	2 493	2 193
Renewables		1 436	1 486	1 802	2 108	2 136	2 043
Heating plants		803	853	827	1 037	965	954
<i>among which:</i>							
Hard coal		46	37	32	59	63	65
Lignite and peat		62	59	63	98	93	98
Petroleum products		227	310	264	304	276	264
Natural gas		239	183	212	235	323	295
Renewables		111	129	119	186	198	220
Heat production and consumption							
Total heat production	TJ	2 990	3 268	3 457	4 070	4 060	3 895
<i>among which: in heating plants</i>							
		731	741	735	906	984	989
Heat consumption		2 780	3 039	3 212	3 789	3 763	3 597
<i>of which: in industry</i>							
		730	780	863	1 320	1 410	1 292
<i>in households and services</i>							
		2 050	2 259	2 349	2 469	2 354	2 305
<i>among which: in households</i>							
		1 276	1 382	1 433	1 493	1 387	1 431

4.1 Crude oil and feedstocks


 eurostat	SUOMI/FINLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	11 834	11 095	11 896	12 167	12 395	10 748
Total exports	-	-	-	-	-	-
Stock changes	-329	-520	352	-77	-64	168
Refinery intake	12 905	12 117	13 309	13 224	13 665	12 889
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	335	748	655	650	498	386
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	2 587	1 804	1 799	1 066	585	209
Russia	5 105	5 116	6 270	7 807	9 511	8 548
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	SUOMI/FINLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	12 892	12 061	13 073	13 028	13 474	12 766
<i>among which:</i>						
Motor spirit	3 891	3 785	4 350	4 304	4 321	4 061
Kerosene and jet fuel	765	441	659	614	714	592
Naphtha	240	215	203	188	258	205
Gas/diesel oil	5 248	5 058	5 128	5 038	5 078	4 964
Residual fuel oil	1 407	1 306	1 403	1 267	1 445	1 318
Total imports	3 518	3 712	3 442	4 431	4 033	5 041
Total exports	4 947	4 815	5 254	5 450	5 507	4 990
Bunkers	682	584	658	654	527	518
Stock changes	-365	-104	240	-185	341	-237
Gross inland consumption	-2 459	-1 777	-2 207	-1 828	-1 627	-677
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	115	145	121	119	115	168
United Kingdom	80	113	145	125	63	39
Norway	491	281	397	614	556	633
OPEC	10	66	-	11	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	418	365	290	421	360	344
Kerosene and jet fuel	235	182	47	15	17	103
Gas/diesel oil	1 476	1 670	1 682	2 082	1 990	2 492
Residual fuel oil	674	654	806	983	654	803
Exports by product						
<i>among which:</i>						
Motor spirit	2 221	2 200	2 751	2 561	2 776	2 384
Kerosene and jet fuel	294	123	174	79	185	154
Gas/diesel oil	1 947	2 054	1 933	2 243	1 882	1 839
Residual fuel oil	123	79	28	23	141	67
Consumption						
Inputs to electricity plants	136	138	132	236	143	110
Inputs to heating plants	236	323	275	316	288	275
Non-energy use	921	1 019	918	947	944	1 011
Final energy consumption	7 394	7 148	7 588	7 808	7 940	7 854
Industry						
<i>among which by product:</i>						
Gas/diesel oil	435	381	485	554	567	584
Residual fuel oil	870	629	776	863	907	805

 eurostat	SUOMI/FINLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	415	285	357	424	456	422
Non-ferrous metals	17	13	15	17	20	16
Chemical industry	84	40	158	138	160	188
Non-met. mineral prod.	52	61	87	91	108	106
Food, drink, tobacco	61	47	55	61	64	56
Pulp, paper and print	206	254	300	314	314	291
Engineering & metal	86	27	35	35	42	41
Other industries	520	342	429	502	474	517
Transport	4 272	4 357	4 374	4 499	4 602	4 627
<i>among which:</i>						
Motor spirit	1 824	1 861	1 834	1 892	1 874	1 871
Jet fuel	492	492	480	493	534	550
Diesel oil	1 905	1 966	2 008	2 058	2 145	2 161
Services & households etc.	1 650	1 696	1 736	1 686	1 620	1 549
<i>among which:</i>						
Gas oil	1 449	1 501	1 460	1 411	1 360	1 304
Residual fuel oil	127	145	149	143	141	128
Stocks at end of period						
Crude oil and feedstocks	1 035	1 415	1 063	1 140	1 204	1 036
Petroleum products	2 293	2 368	2 194	2 304	2 038	2 275


5. Natural gas

 eurostat	SUOMI/FINLAND						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		159 201	172 446	171 371	190 004	183 779	167 381
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		159 201	172 446	171 371	190 004	183 779	167 381
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		159 201	172 446	171 371	190 004	183 779	167 381
Consumption							
Inputs to electricity plants		89 867	102 863	101 279	121 097	115 969	102 017
Inputs to heat plants		11 129	8 506	9 872	10 917	15 038	13 720
Consumption of energy branch		11 956	12 405	12 989	13 417	14 301	12 589
Distribution losses		-	-	-	-	-	-
Non-energy use		1 558	1 516	1 875	2 000	2 400	2 440
Industry		41 366	43 646	41 822	38 702	33 204	33 462
<i>among which:</i>							
Iron&steel industry		2 839	2 737	2 935	3 000	2 764	2 848
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		1 239	1 393	1 378	1 400	1 422	1 507
Non-met. mineral prod.		3 073	2 406	2 394	2 300	2 049	2 292
Food, drink, tobacco		1 800	2 265	1 898	1 800	1 798	1 805
Pulp, paper and print		25 440	25 193	31 058	28 776	24 191	24 010
Engineering & metal		128	343	287	276	280	277
Other industries		5 144	8 072	372	350	300	310
Transport		53	80	120	120	120	120
Services & households etc.		2 873	3 112	3 334	3 272	3 352	3 392
<i>among which:</i>							
Households		971	1 044	1 211	1 166	1 275	1 352
Services		1 264	1 430	1 483	1 507	1 518	1 441


6.1 Hard coal

 eurostat	SUOMI/FINLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	5 072	6 175	5 790	10 146	8 286	4 723
Total exports	-	-	-	-	-	-
Stock changes	121	-49	827	-1 284	-204	-125
Gross inland consumption	5 193	6 126	6 617	8 862	8 082	4 598
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	159	405	525	336	487
Colombia	-	-	134	59	-	-
Russia	2 539	2 871	2 636	5 594	5 493	2 736
South Africa	-	-	66	412	-	-
USA	360	238	223	266	430	382
Consumption						
Inputs to electricity plants	3 428	4 240	4 940	7 276	6 368	2 808
Inputs to heat plants	76	60	52	97	106	106
Consumption of energy branch	-	-	-	-	-	-
Industry	342	400	355	257	237	276
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	72	82	74	70	79	89
Non-met. mineral prod.	168	219	195	167	139	168
Food, drink, tobacco	9	9	-	-	-	-
Pulp, paper and print	93	90	86	20	19	19
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	9	9	8	7	7	7

6.2 Coal derivatives and peat

	SUOMI/FINLAND					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	910	909	912	895	904	894
Patent Fuel	-	-	-	-	-	-
Lignite and peat	4 860	5 711	8 733	7 305	3 633	8 737
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	7 740	7 778	8 048	8 047	7 704	7 425
Blast-furnace gas	17 055	15 916	16 528	17 541	17 884	18 063
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	845	814	786	813	784	782
<i>among which:</i>						
Iron & steel industry	830	796	772	779	744	742
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	1 250	1 317	1 436	1 088	1 092	1 070
<i>among which:</i>						
Industry	1 159	1 217	1 333	983	985	964
Services & households	91	100	103	105	107	106
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	6 468	6 457	6 543	6 802	6 722	6 564
Blast-furnace gas	9 912	8 789	9 263	9 685	8 768	9 226
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	7 357	6 568	6 799	7 194	8 229	8 031
Inputs to heat plants	460	794	847	590	469	468
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	16 380	15 246	15 806	16 487	15 490	15 790

7. Renewable energy sources

		SUOMI/FINLAND					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	7 752	7 425	7 729	7 817	8 662	8 072
Hydro (excl. pumping)		1 261	1 135	927	825	1 296	1 185
Wind		7	6	6	8	10	15
Solar		1	1	1	1	1	1
Geothermal		-	-	-	-	-	-
Biomass		6 484	6 283	6 796	6 984	7 355	6 872
<i>among which:</i>							
Wood, wood-waste		6 421	6 188	6 704	6 846	7 180	6 672
Municipal solid waste		45	77	74	118	149	157
Biogas		18	18	17	20	26	42
Gross inland consumption		7 752	7 425	7 690	7 771	8 604	7 994
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		1 547	1 615	1 920	2 294	2 334	2 263
<i>among which:</i>							
Wood, wood-waste		1 508	1 545	1 852	2 178	2 216	2 108
Municipal waste		32	63	60	104	106	128
Biogas		7	7	8	11	12	27
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	4 938	4 669	4 838	4 645	4 964	4 531
<i>by sector:</i>							
Industry		3 853	3 524	3 669	3 474	3 794	3 374
Services & households etc.		1 085	1 144	1 168	1 165	1 164	1 157
Transport		-	-	1	5	6	-
<i>by source:</i>							
Biomass		4 937	4 668	4 837	4 644	4 963	4 530
<i>among which:</i>							
Wood, wood-waste		4 913	4 643	4 814	4 616	4 900	4 487
Municipal waste		13	14	14	14	43	29
Biogas		11	10	9	9	14	14
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		2	2	2	2	2	3
Hydro with installed capacity < 1 MW		134	127	97	90	139	127
Hydro with installed capacity > 1 & <10 MW		1 058	1 031	756	663	1 120	1 025
Hydro with installed capacity > 10 MW		13 468	12 047	9 923	8 838	13 811	12 633
Wood, Wood-waste		8 476	8 189	9 496	9 385	10 182	9 238
Municipal waste		59	200	215	291	304	347
Biogas		22	22	29	24	22	22

eurostat		SUOMI/FINLAND					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		3	3	3	3	3	4
Hydro with installed capacity < 1 MW		29	30	31	31	31	31
Hydro with installed capacity > 1 & <10 MW		279	273	275	275	275	275
Hydro with installed capacity > 10 MW		2 574	2 623	2 658	2 660	2 693	2 729
Wood, Wood-waste		1 500	1 600	1 600	1 700	1 700	1 720
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	80	82	84	85	85	87


1. Energy economy

Key figures and energy indicators

eurostat		SVERIGE					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	30 052	33 405	31 331	30 501	33 928	34 337
Net energy imports		19 172	19 124	19 722	22 685	20 187	19 867
Net oil imports		15 654	16 500	16 085	18 200	16 975	17 198
Net gas imports		776	875	891	888	884	843
Gross inland energy consumption		47 849	51 281	51 009	50 447	52 635	51 555
Final energy consumption		34 381	32 967	33 173	33 562	33 565	33 691
Industry		13 126	12 048	12 235	12 384	12 652	12 588
Transport		8 128	8 583	8 009	8 183	8 412	8 643
Services and households etc.		13 127	12 336	12 930	12 995	12 501	12 460
Gross electricity generation	GWh	145 585	161 617	146 733	135 435	151 727	158 435
Final electricity consumption		128 725	132 673	131 279	129 443	130 361	132 373
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	224 617	227 017	231 549	235 470	245 187	252 305
Population	1000 per.	8 861	8 883	8 909	8 941	8 976	9 011
Industry added value	Mio EUR	66 027	65 499	68 101	69 554	76 302	79 372
Total imports (current prices)	Mio EUR	94 661	92 204	90 428	94 987	101 664	108 696
among which:							
All energy commodities		7 147	6 108	6 196	6 932	7 829	10 476
Oil products		6 436	5 407	5 215	5 659	6 570	9 110
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	213.0	225.9	220.3	214.2	214.7	204.3
Final energy consumption / GDP(95)		153.1	145.2	143.3	142.5	136.9	133.5
Energy intensity of industry:							
Final consumption / gross value-added mp		198.8	183.9	179.7	178.1	165.8	158.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		37.1	31.6	36.8	36.2	33.5	27.0
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	5 400	5 773	5 725	5 642	5 864	5 721
Final energy consumption / capita		3 880	3 711	3 724	3 754	3 740	3 739
Household consumption / capita		852	845	822	825	796	875
Final electricity consumption / capita	kWh/cap.	14 526	14 936	14 735	14 478	14 524	14 690
Energy dependency							
Net energy imports / Gross consumption	in %	39.0	36.3	37.8	43.6	37.0	37.2
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	71.9	64.3	65.0	66.5	63.8	65.4
Efficiency of thermal power stations		83.2	88.3	87.1	80.8	85.6	83.8


2. Energy balance

Principal aggregates by product


 eurostat	SVERIGE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	30 052	33 405	31 331	30 501	33 928	34 337
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	231	272	343	344	381	302
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	14 781	18 601	17 569	17 390	19 988	18 670
Hydro-electricity	6 757	6 798	5 706	4 604	5 170	6 260
Biomass	8 238	7 687	7 656	8 100	8 312	9 018
Imports						
Total	31 318	30 478	30 325	33 751	32 752	32 247
among which:						
Hard coal	2 137	2 117	1 911	2 202	2 197	2 218
Crude oil and feedstocks	20 938	20 030	18 676	20 567	21 024	20 365
Petroleum products	5 668	6 215	6 730	7 670	6 959	7 298
Natural Gas	776	875	891	888	884	843
Electricity	1 574	960	1 729	2 088	1 345	1 253
Exports						
Total	12 146	11 355	10 603	11 067	12 565	12 381
among which:						
Crude oil and feedstocks	566	544	406	234	261	540
Petroleum products	10 386	9 200	8 915	9 803	10 748	9 924
Natural gas	-	-	-	-	-	-
Electricity	1 172	1 587	1 269	985	1 526	1 889
Gross inland consumption						
Total	47 849	51 281	51 009	50 447	52 635	51 555
among which:						
Solid fuels	2 442	2 753	2 846	2 678	2 940	2 626
Crude oil and petrol. prod.	14 382	15 119	15 773	15 569	15 422	14 646
Natural gas	776	875	891	888	884	843
Nuclear Energy	14 781	18 601	17 569	17 390	19 988	18 670
Renewables	15 040	14 532	13 418	12 767	13 559	15 365
Transformation input						
Total	42 549	46 359	44 518	45 431	48 946	46 850
among which:						
Crude oil and feedstocks	21 618	20 917	19 923	20 377	21 423	20 537
Petroleum products	521	726	823	936	654	516
Hard coal	1 632	1 690	1 627	1 704	1 672	1 596
Lignite and peat	200	228	327	328	383	293
Renewables	2 950	3 221	3 195	3 638	3 802	4 234
Transformation output						
Total	32 301	32 564	30 998	31 850	33 743	32 917
among which:						
Electricity	5 719	7 055	6 856	6 978	7 799	7 276
Heat	3 777	4 157	4 146	4 228	4 261	4 325

eurostat	SVERIGE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	34 381	32 967	33 173	33 562	33 565	33 691
<i>among which:</i> Solid fuels	1 141	1 153	1 336	1 337	1 426	1 345
Petroleum products	12 655	11 202	11 370	11 820	11 592	11 254
Natural Gas	443	492	459	497	480	491
Renewables	5 294	4 472	4 465	4 467	4 514	4 790
Electricity	11 068	11 408	11 288	11 130	11 209	11 382
Final energy consumption by sector						
Industry						
Total	13 126	12 048	12 235	12 384	12 652	12 588
<i>among which:</i> Solid fuels	1 141	1 153	1 336	1 337	1 426	1 345
Petroleum Products	1 909	1 479	1 506	1 807	1 945	1 821
Natural Gas	303	340	316	332	314	320
Renewables	4 334	3 558	3 550	3 489	3 423	3 551
Electricity	4 896	4 911	4 925	4 824	4 918	4 949
Transport						
Total	8 128	8 583	8 009	8 183	8 412	8 643
<i>among which:</i> Motor spirit	4 185	4 167	4 300	4 318	4 143	4 063
Diesel oil	2 692	3 155	2 647	2 754	2 931	3 110
Jet fuel	928	946	721	700	843	846
Electricity	275	246	247	244	257	328
Services&households						
Total	13 127	12 336	12 930	12 995	12 501	12 460
<i>among which:</i> Solid fuels	-	-	-	-	-	-
Gas oil	2 778	1 320	2 059	2 014	1 553	1 260
Natural Gas	131	142	131	147	151	156
Renewables	960	896	875	894	935	1 029
Electricity	5 898	6 250	6 117	6 062	6 034	6 105
Heat	3 206	3 602	3 621	3 682	3 686	3 794


3.1 Electricity balance

 eurostat	SVERIGE					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	145 585	161 617	146 733	135 435	151 727	158 435
<i>among which:</i>						
Hydro	78 619	79 082	66 395	53 598	60 178	72 874
Wind	457	482	608	679	850	936
Geothermal	-	-	-	-	-	-
Nuclear	57 316	72 109	68 111	67 415	77 486	72 377
Conventional thermal	9 193	9 943	11 619	13 743	13 213	12 248
<i>of which:</i>						
Hard coal	1 636	1 879	2 357	2 846	1 010	648
Lignite and peat	-	-	-	-	-	-
Petroleum products	1 729	2 475	3 089	3 871	1 955	1 379
Natural gas	462	361	563	700	749	559
Derived gases	953	1 186	1 106	1 319	811	757
Biomass	4 206	3 881	4 327	5 007	7 943	8 301
Industrial wastes	207	161	177	-	745	604
Total net generation	141 873	157 636	143 233	132 535	148 529	154 610
Imports and exports						
Total imports	18 308	11 164	20 110	24 287	15 646	14 576
Total exports	13 630	18 454	14 754	11 457	17 750	21 968
Consumption and losses						
Consumption of the energy branch	10 409	9 828	8 892	8 063	8 274	6 897
<i>of which:</i>						
Consumption for pumped-storage	14	10	16	25	23	27
Network losses	11 094	11 803	11 883	10 701	10 933	11 707
Final energy consumption	128 725	132 673	131 279	129 443	130 361	132 373
<i>of which:</i>						
Industry	56 938	57 119	57 273	56 107	57 194	57 558
<i>among which:</i>						
Iron&steel industry	5 365	4 959	4 873	4 850	4 947	5 356
Non-ferrous metals	2 799	2 931	2 972	2 943	3 002	3 268
Chemical industry	5 423	5 543	5 560	6 663	6 796	6 635
Non-met. mineral prod.	1 174	1 441	1 177	1 133	1 156	1 045
Food, drink, tobacco	2 989	2 849	2 683	2 470	2 519	2 433
Pulp, paper and print	23 564	23 209	22 729	22 590	23 042	23 104
Engineering & metal	4 348	4 488	4 403	4 173	4 257	4 355
Other industries	8 375	8 730	9 929	8 379	8 511	8 592
Transport	3 194	2 862	2 867	2 838	2 989	3 816
Services & households etc.	68 593	72 692	71 139	70 498	70 178	70 999
<i>among which:</i>						
Households	42 020	42 180	41 473	41 998	41 375	42 663


3.2 Electrical capacity, fuel inputs and heat


		SVERIGE					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	33 721	33 835	32 503	33 361	33 649	33 692
<i>by source:</i>							
Conventional thermal		7 526	7 536	6 462	7 378	7 424	7 424
<i>of which:</i>							
Steam		5 337	5 312	4 749	5 669	5 553	5 553
Gas turbine		1 932	1 932	1 519	1 515	1 681	1 681
Combined cycle		175	175	88	88	111	111
Internal combustion		82	117	106	106	79	79
Nuclear		9 461	9 436	9 452	9 441	9 471	9 471
Hydro		16 525	16 568	16 232	16 143	16 302	16 345
<i>among which:</i>							
Pumped storage		19	45	45	45	36	43
Wind		209	295	357	399	452	452
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		32 714	32 824	31 421	32 340	32 662	32 708
Autoproducers		1 010	1 011	1 085	1 024	987	987
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	3 239	3 504	3 862	4 553	4 505	4 465
<i>among which:</i>							
Hard coal		361	306	390	459	389	272
Lignite and peat		106	135	195	227	266	221
Petroleum products		276	405	543	654	457	316
Natural gas		215	204	262	281	246	198
Renewables		2 059	2 190	2 162	2 623	2 841	3 131
Heating plants		1 207	1 455	1 450	1 382	1 257	1 342
<i>among which:</i>							
Hard coal		1	1	1	1	1	-
Lignite and peat		95	93	132	101	117	72
Petroleum products		176	236	209	214	146	129
Natural gas		40	92	71	50	30	28
Renewables		891	1 031	1 034	1 015	962	1 104
Heat production and consumption							
Total heat production	TJ	3 777	4 157	4 146	4 228	4 261	4 325
<i>among which: in heating plants</i>							
		1 874	1 918	1 779	1 730	1 540	1 636
Heat consumption		3 550	3 987	4 012	4 063	4 091	4 174
<i>of which: in industry</i>							
		344	385	391	381	405	380
<i>in households and services</i>							
		3 206	3 602	3 621	3 682	3 686	3 794
<i>among which: in households</i>							
		2 081	2 362	2 371	2 408	2 440	3 096

4.1 Crude oil and feedstocks


 eurostat	SVERIGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	20 901	20 040	18 727	20 502	20 975	20 518
Total exports	558	536	400	231	257	532
Stock changes	-115	-177	396	-423	21	-178
Refinery intake	21 569	20 918	19 968	20 312	21 374	20 698
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	3 892	5 341	3 231	3 968	2 594	1 824
Near and Middle East	2 596	4 227	1 979	3 151	1 711	574
Africa	296	279	237	-	-	126
<i>by country of origin:</i>						
Algeria	-	27	-	-	-	-
Irak	323	-	-	-	-	-
Iran	1 441	3 081	1 979	3 151	1 711	574
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	43	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	266	252	130	-	-	126
Norway	9 601	9 143	6 169	7 650	5 418	5 022
Russia	1 381	1 079	3 723	3 930	5 438	7 139
Saudi Arabia	832	1 146	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	SVERIGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	21 368	19 846	18 542	18 990	19 925	19 800
<i>among which:</i>						
Motor spirit	4 394	4 020	3 987	4 309	4 506	4 045
Kerosene and jet fuel	112	143	57	109	208	70
Naphtha	1 320	1 026	1 027	664	295	263
Gas/diesel oil	7 765	7 677	6 964	6 942	7 238	6 951
Residual fuel oil	6 403	5 519	5 069	5 170	5 450	5 576
Total imports	5 485	6 019	6 475	7 417	6 690	7 038
Total exports	10 388	9 179	8 902	9 774	10 687	9 918
Bunkers	1 396	1 429	1 239	1 660	1 954	1 995
Stock changes	190	175	463	-610	312	-465
Gross inland consumption	-6 109	-4 414	-3 203	-4 627	-5 639	-5 340
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	76	42	6	61	40	66
United Kingdom	590	625	559	778	387	464
Norway	442	963	2 076	2 426	2 378	2 441
OPEC	101	33	115	102	52	122
Imports by product						
<i>among which:</i>						
Motor spirit	1 593	1 619	1 717	1 753	1 804	1 792
Kerosene and jet fuel	754	839	518	596	784	821
Gas/diesel oil	1 282	1 267	1 909	2 311	1 895	1 867
Residual fuel oil	519	715	544	759	329	539
Exports by product						
<i>among which:</i>						
Motor spirit	1 993	1 705	1 607	1 963	2 360	1 916
Kerosene and jet fuel	45	-	17	15	69	13
Gas/diesel oil	3 859	3 771	3 574	3 810	4 290	3 807
Residual fuel oil	3 538	3 041	2 617	2 860	2 937	3 015
Consumption						
Inputs to electricity plants	285	419	560	675	469	328
Inputs to heating plants	178	240	212	218	148	131
Non-energy use	1 452	2 081	2 202	1 961	1 979	2 089
Final energy consumption	12 361	10 933	11 095	11 542	11 320	10 987
Industry						
<i>among which by product:</i>						
Gas/diesel oil	429	273	270	267	405	397
Residual fuel oil	858	893	875	955	984	919

 eurostat	SVERIGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	301	303	325	327	338	318
Non-ferrous metals	36	23	16	21	16	18
Chemical industry	308	84	27	253	295	232
Non-met. mineral prod.	174	130	163	148	145	163
Food, drink, tobacco	133	150	158	181	165	123
Pulp, paper and print	500	485	497	548	548	547
Engineering & metal	152	149	155	168	188	176
Other industries	224	65	79	68	159	160
Transport	7 590	8 052	7 458	7 585	7 733	7 842
<i>among which:</i>						
Motor spirit	3 982	3 965	4 092	4 109	3 942	3 866
Jet fuel	904	921	702	682	821	824
Diesel oil	2 665	3 123	2 620	2 726	2 901	3 078
Services & households etc.	2 874	1 396	2 130	2 157	1 648	1 329
<i>among which:</i>						
Gas oil	2 750	1 307	2 038	1 993	1 537	1 247
Residual fuel oil	83	35	46	124	74	43
Stocks at end of period						
Crude oil and feedstocks	1 474	1 611	1 269	1 692	1 671	1 849
Petroleum products	3 719	3 759	3 296	3 746	3 440	3 905


5. Natural gas

 eurostat	SVERIGE						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		36 092	40 720	41 439	41 322	41 142	39 199
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		36 092	40 720	41 439	41 322	41 142	39 199
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		9 990	9 482	12 204	13 077	11 434	9 193
Inputs to heat plants		1 876	4 297	3 294	2 330	1 374	1 321
Consumption of energy branch		166	77	183	159	188	63
Distribution losses		-	-	-	-	-	-
Non-energy use		-	-	-	-	-	-
Industry		14 075	15 831	14 703	15 448	14 605	14 893
<i>among which:</i>							
Iron&steel industry		1 105	1 009	1 135	1 009	1 303	1 261
Non-ferrous metals		409	378	294	252	378	294
Chemical industry		3 068	2 775	3 364	3 280	3 868	3 944
Non-met. mineral prod.		1 636	2 943	2 186	2 102	1 976	799
Food, drink, tobacco		4 950	4 835	4 877	4 793	4 247	5 508
Pulp, paper and print		1 391	2 313	1 430	2 313	1 598	1 219
Engineering & metal		991	903	855	883	714	1 052
Other industries		402	549	478	606	479	648
Transport		472	479	560	813	717	715
Services & households etc.		6 076	6 592	6 096	6 856	7 019	7 234
<i>among which:</i>							
Households		3 526	4 215	2 194	1 814	1 985	2 127
Services		1 534	1 414	2 912	4 012	4 001	4 077


6.1 Hard coal

 eurostat	SVERIGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	3 092	3 064	2 760	3 195	3 186	3 203
Total exports	2	2	2	2	8	3
Stock changes	-229	209	263	-270	151	-130
Gross inland consumption	2 861	3 271	3 021	2 923	3 329	3 070
Imports						
Imports by origin						
<i>among which:</i>						
Australia	1 073	1 167	1 085	1 208	1 472	1 370
Colombia	120	166	83	-	-	-
Russia	271	190	250	174	458	847
South Africa	-	-	-	-	-	-
USA	595	487	319	346	428	492
Consumption						
Inputs to electricity plants	501	506	588	691	601	424
Inputs to heat plants	1	2	1	2	1	-
Consumption of energy branch	-	-	-	-	-	-
Industry	767	872	930	881	1 021	985
<i>among which:</i>						
Iron&steel industry	313	483	507	491	567	526
Non-ferrous metals	65	56	58	52	50	51
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	252	252	240	197	254	246
Food, drink, tobacco	19	-	-	-	-	-
Pulp, paper and print	31	15	15	11	25	35
Engineering & metal	-	-	-	-	-	-
Other industries	2	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

	SVERIGE					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	1 146	1 148	1 074	1 288	1 372	1 402
Patent Fuel	-	-	-	-	-	-
Lignite and peat	773	910	1 148	1 152	1 276	1 012
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	9 686	10 331	9 467	8 414	9 745	9 234
Blast-furnace gas	15 010	17 114	17 807	17 262	18 153	18 256
Gasworks gas	1 875	1 948	1 914	1 962	2 030	2 028
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	947	854	1 077	1 118	1 116	1 036
<i>among which:</i>						
Iron & steel industry	873	788	1 008	1 055	1 053	971
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	10	33	26	39	34	23
<i>among which:</i>						
Industry	10	33	26	39	34	23
Services & households	-	-	-	-	-	-
Brown coal briquettes	3	8	-	2	2	5
<i>among which:</i>						
Industry	3	8	-	2	2	5
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	4 395	4 309	4 382	3 914	4 399	4 082
Blast-furnace gas	4 207	5 175	4 702	5 262	5 039	5 509
Gasworks gas	1 599	1 720	1 676	1 734	1 739	1 665
Inputs to electricity plants	8 378	9 974	10 966	10 796	11 967	12 339
Inputs to heat plants	194	113	177	12	131	159
Consumption of energy branch	4 794	4 933	4 390	4 302	4 763	4 511
Consumption in industry	8 801	9 688	9 261	9 350	9 741	9 731

7. Renewable energy sources

	SVERIGE						
	2000	2001	2002	2003	2004	2005	
Primary production							
Total primary production	<i>in 1000 toe</i>	15 040	14 532	13 418	12 767	13 559	15 365
Hydro (excl. pumping)		6 757	6 798	5 706	4 604	5 170	6 260
Wind		39	41	52	58	73	80
Solar		5	6	4	5	5	6
Geothermal		-	-	-	-	-	-
Biomass		8 238	7 687	7 656	8 100	8 312	9 018
<i>among which:</i>							
Wood, wood-waste		7 708	7 140	7 105	7 379	7 467	7 937
Municipal solid waste		498	495	480	602	635	736
Biogas		32	34	31	36	35	30
Gross inland consumption		15 040	14 532	13 418	12 767	13 559	15 365
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		2 950	3 221	3 195	3 638	3 802	4 234
<i>among which:</i>							
Wood, wood-waste		2 419	2 692	2 684	3 001	3 114	3 363
Municipal waste		498	495	480	602	635	736
Biogas		32	34	31	36	35	30
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	5 294	4 472	4 465	4 467	4 514	4 790
<i>by sector:</i>							
Industry		4 334	3 558	3 550	3 489	3 423	3 551
Services & households etc.		960	896	875	894	935	1 029
Transport		-	18	40	84	157	210
<i>by source:</i>							
Biomass		5 289	4 466	4 461	4 463	4 510	4 784
<i>among which:</i>							
Wood, wood-waste		5 289	4 448	4 421	4 379	4 353	4 574
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	1	-	-	-	-
Hydro with installed capacity < 1 MW		753	612	517	547	506	458
Hydro with installed capacity > 1 & <10 MW		3 427	3 195	2 636	2 133	3 003	3 027
Hydro with installed capacity > 10 MW		74 404	75 338	63 204	50 343	56 613	69 318
Wood, Wood-waste		3 943	3 635	4 023	5 220	6 614	6 874
Municipal waste		231	225	277	312	1 233	1 309
Biogas		32	21	27	36	62	53

eurostat		SVERIGE					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		3	1	3	3	3	-
Hydro with installed capacity < 1 MW		178	174	162	173	99	140
Hydro with installed capacity > 1 & <10 MW		741	881	774	772	724	765
Hydro with installed capacity > 10 MW		15 587	15 468	15 251	15 153	15 479	15 397
Wood, Wood-waste		1 490	1 778	1 670	1 670	1 670	2 526
Municipal waste		77	171	170	170	264	291
Biogas		18	19	20	20	20	42
Liquid biofuels							
Production	<i>1000 t</i>	-	22	49	103	215	311
Solar Panels							
Solar panel surface	<i>1000 m²</i>	207	229	165	185	276	371


1. Energy economy


Key figures and energy indicators

eurostat		UNITED KINGDOM					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	268 199	257 959	254 255	242 513	222 329	201 037
Net energy imports		-39 030	-21 347	-27 909	-14 365	11 428	32 641
Net oil imports		-45 515	-35 658	-39 095	-27 702	-13 653	-2 171
Net gas imports		-9 311	-8 340	-6 983	-7 022	1 464	5 973
Gross inland energy consumption		231 368	232 289	226 416	230 158	231 866	232 259
Final energy consumption		151 665	152 949	148 371	150 422	151 979	151 580
Industry		35 909	35 934	33 793	34 765	33 879	33 889
Transport		52 324	51 778	52 058	52 673	54 188	55 236
Services and households etc.		63 431	65 238	62 520	62 984	63 912	62 454
Gross electricity generation	GWh	377 069	384 788	387 246	398 207	395 306	400 524
Final electricity consumption		329 420	332 722	333 401	336 218	339 017	345 243
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	1 016 203	1 040 107	1 061 526	1 089 821	1 125 380	1 147 122
Population	1000 per.	58 785	59 000	59 218	59 438	59 700	60 060
Industry added value	Mio EUR	263 581	261 338	258 647	260 086	263 639	260 580
Total imports (current prices)	Mio EUR	387 387	405 810	425 459	433 916	462 667	494 957
among which:							
All energy commodities		15 710	16 265	15 139	16 083	23 814	34 205
Oil products		13 467	13 540	12 815	14 029	19 846	27 766
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	227.7	223.3	213.3	211.2	206.0	202.5
Final energy consumption / GDP(95)		149.2	147.1	139.8	138.0	135.0	132.1
Energy intensity of industry:							
Final consumption / gross value-added mp		136.2	137.5	130.7	133.7	128.5	130.1
Energy intensity of service sector:							
Final consumption / gross value-added mp		28.6	28.4	24.8	24.0	23.8	22.9
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 936	3 937	3 823	3 872	3 884	3 867
Final energy consumption / capita		2 580	2 592	2 506	2 531	2 546	2 524
Household consumption / capita		733	750	738	746	748	721
Final electricity consumption / capita	kWh/cap.	5 604	5 639	5 630	5 657	5 679	5 748
Energy dependency							
Net energy imports / Gross consumption	in %	-16.7	-9.1	-12.2	-6.2	4.9	13.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.6	65.8	65.5	65.4	65.5	65.3
Efficiency of thermal power stations		43.9	42.4	43.9	43.1	43.2	42.7


2. Energy balance

Principal aggregates by product


 eurostat	UNITED KINGDOM					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	268 199	257 959	254 255	242 513	222 329	201 037
among which:						
Hard coal	18 221	18 708	17 547	16 490	15 300	11 882
Lignite and peat	-	-	-	-	-	-
Crude oil	127 882	118 239	117 855	107 642	96 833	85 880
Natural Gas	97 554	95 257	93 408	92 634	86 406	78 823
Nuclear heat	21 942	23 240	22 661	22 877	20 636	21 054
Hydro-electricity	437	349	412	277	424	427
Biomass	2 069	2 070	2 247	2 462	2 538	2 691
Imports						
Total	87 767	97 146	96 473	99 427	116 791	125 381
among which:						
Hard coal	14 946	22 307	17 909	19 910	22 463	27 303
Crude oil and feedstocks	55 104	54 275	57 900	54 980	63 472	59 696
Petroleum products	14 134	17 177	15 017	16 643	18 652	22 717
Natural Gas	2 014	2 358	4 681	6 678	10 295	13 416
Electricity	1 230	917	790	440	841	960
Exports						
Total	126 797	118 493	124 382	113 792	105 363	92 739
among which:						
Crude oil and feedstocks	94 129	88 085	88 577	76 006	65 490	54 840
Petroleum products	20 624	19 025	23 434	23 319	30 288	29 744
Natural gas	11 325	10 697	11 665	13 700	8 831	7 443
Electricity	12	23	66	254	197	244
Gross inland consumption						
Total	231 368	232 289	226 416	230 158	231 866	232 259
among which:						
Solid fuels	36 816	38 751	35 753	38 831	38 142	38 186
Crude oil and petrol. prod.	81 357	79 273	78 175	78 928	81 005	82 701
Natural gas	87 399	86 650	85 855	85 882	87 388	84 898
Nuclear Energy	21 942	23 240	22 661	22 877	20 636	21 054
Renewables	2 600	2 516	2 787	2 977	3 505	4 055
Transformation input						
Total	177 758	175 822	173 973	176 898	180 319	177 782
among which:						
Crude oil and feedstocks	89 299	84 595	86 301	85 960	91 313	87 320
Petroleum products	1 471	1 350	683	839	901	874
Hard coal	33 843	36 027	33 069	35 707	34 359	35 233
Lignite and peat	-	-	-	-	-	-
Renewables	1 515	1 541	1 702	1 993	2 313	2 806
Transformation output						
Total	128 878	124 208	125 305	126 721	130 852	127 322
among which:						
Electricity	31 672	32 446	32 549	33 616	33 172	33 510
Heat	2 439	2 278	2 090	1 813	1 268	1 354

 eurostat		UNITED KINGDOM					
		2000	2001	2002	2003	2004	2005
<i>in 1 000 toe</i>							
Final energy consumption							
Total		151 665	152 949	148 371	150 422	151 979	151 580
<i>among which:</i>	Solid fuels	5 683	5 649	4 821	4 968	4 687	4 422
	Petroleum products	62 437	62 978	61 838	62 560	64 489	65 731
	Natural Gas	51 369	52 033	49 711	51 031	51 241	49 316
	Renewables	565	542	564	595	602	572
	Electricity	28 325	28 609	28 667	28 910	29 150	29 686
Final energy consumption by sector							
Industry							
Total		35 909	35 934	33 793	34 765	33 879	33 889
<i>among which:</i>	Solid fuels	4 069	4 142	3 645	4 004	3 891	3 831
	Petroleum Products	5 712	6 237	5 468	6 235	6 520	6 813
	Natural Gas	14 196	13 917	12 782	12 863	11 892	11 510
	Renewables	210	201	206	217	216	120
	Electricity	9 812	9 573	9 686	9 747	9 966	10 218
Transport							
Total		52 324	51 778	52 058	52 673	54 188	55 236
<i>among which:</i>	Motor spirit	22 757	22 060	21 919	20 980	20 527	19 739
	Diesel oil	17 647	17 961	18 460	19 745	20 350	21 358
	Jet fuel	11 115	10 913	10 816	11 067	12 194	12 847
	Electricity	741	759	727	706	726	740
Services&households							
Total		63 431	65 238	62 520	62 984	63 912	62 454
<i>among which:</i>	Solid fuels	1 614	1 508	1 176	964	796	590
	Gas oil	2 136	1 844	1 615	957	1 380	1 520
	Natural Gas	37 174	38 115	36 929	38 168	39 349	37 806
	Renewables	356	341	356	365	371	372
	Electricity	17 772	18 277	18 254	18 456	18 458	18 728
	Heat	1 339	1 274	763	659	415	457


3.1 Electricity balance

 eurostat	UNITED KINGDOM					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	377 069	384 788	387 246	398 207	395 306	400 524
<i>among which:</i>						
Hydro	7 780	6 478	7 439	5 961	7 579	7 891
Wind	947	965	1 256	1 285	1 935	2 908
Geothermal	-	-	-	-	-	-
Nuclear	85 063	90 093	87 848	88 686	79 999	81 618
Conventional thermal	283 278	287 250	290 700	302 272	305 789	308 099
<i>of which:</i>						
Hard coal	119 950	131 461	124 279	138 305	131 822	134 918
Lignite and peat	-	-	-	-	-	-
Petroleum products	8 446	5 252	4 799	4 594	4 873	5 417
Natural gas	148 077	141 905	152 276	148 881	157 331	153 229
Derived gases	2 350	1 587	1 402	1 537	1 480	1 646
Biomass	4 349	4 984	5 285	6 692	7 885	9 620
Industrial wastes	106	2 061	2 659	2 263	2 398	3 269
Total net generation	360 764	367 390	370 117	380 069	378 221	382 684
Imports and exports						
Total imports	14 308	10 663	9 182	5 119	9 784	11 160
Total exports	134	264	768	2 959	2 294	2 839
Consumption and losses						
Consumption of the energy branch	27 986	27 967	28 646	29 345	27 046	28 453
<i>of which:</i>						
Consumption for pumped-storage	805	788	812	812	848	777
Network losses	31 143	32 077	30 963	32 070	34 084	32 219
Final energy consumption	329 420	332 722	333 401	336 218	339 017	345 243
<i>of which:</i>						
Industry	114 112	111 337	112 648	113 358	115 906	118 832
<i>among which:</i>						
Iron&steel industry	6 349	5 303	5 092	5 434	5 412	5 019
Non-ferrous metals	6 152	7 324	6 365	7 284	7 352	7 693
Chemical industry	23 732	21 079	22 861	20 941	22 087	23 162
Non-met. mineral prod.	8 109	7 247	7 115	7 651	7 833	7 965
Food, drink, tobacco	11 724	11 570	12 166	11 949	12 361	12 593
Pulp, paper and print	11 416	11 511	11 988	12 750	12 921	13 050
Engineering & metal	21 931	20 089	20 299	20 519	21 012	21 982
Other industries	21 100	23 911	23 299	23 387	23 521	23 891
Transport	8 623	8 828	8 454	8 212	8 444	8 609
Services & households etc.	206 685	212 557	212 299	214 648	214 667	217 802
<i>among which:</i>						
Households	111 842	115 337	114 534	115 761	115 526	116 811


3.2 Electrical capacity, fuel inputs and heat


		UNITED KINGDOM					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	78 390	79 918	77 009	78 717	80 833	82 633
<i>by source:</i>							
Conventional thermal		61 219	62 709	59 981	61 903	63 855	65 035
<i>of which:</i>							
Steam		36 504	36 817	32 586	32 016	32 110	32 527
Gas turbine		2 556	2 442	2 557	2 988	2 896	2 848
Combined cycle		21 138	22 294	23 655	25 504	27 342	28 061
Internal combustion		177	173	166	174	171	173
Nuclear		12 486	12 486	12 240	11 852	11 852	11 852
Hydro		4 273	4 296	4 254	4 220	4 193	4 181
<i>among which:</i>							
Pumped storage		2 788	2 788	2 788	2 788	2 788	2 788
Wind		412	427	534	742	933	1 565
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		72 030	73 382	70 369	71 465	73 277	74 041
Autoproducers		6 363	6 540	6 645	7 259	7 565	8 604
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	55 481	58 211	56 941	60 240	60 839	61 996
<i>among which:</i>							
Hard coal		27 232	30 185	28 240	31 034	29 845	30 920
Lignite and peat		-	-	-	-	-	-
Petroleum products		806	709	424	693	826	815
Natural gas		25 151	24 222	25 533	25 124	26 400	25 838
Renewables		1 410	1 541	1 702	1 993	2 313	2 806
Heating plants		3 354	3 109	2 560	2 159	1 946	1 976
<i>among which:</i>							
Hard coal		464	451	446	370	284	269
Lignite and peat		-	-	-	-	-	-
Petroleum products		665	642	259	145	75	59
Natural gas		1 926	1 825	1 703	1 535	1 539	1 600
Renewables		105	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	2 439	2 278	2 090	1 813	1 268	1 354
<i>among which: in heating plants</i>							
		2 439	2 278	2 090	1 813	1 268	1 354
Heat consumption		2 439	2 275	2 084	1 810	1 255	1 317
<i>of which: in industry</i>							
		1 099	1 001	1 321	1 152	839	860
<i>in households and services</i>							
		1 339	1 274	763	659	415	457
<i>among which: in households</i>							
		44	32	33	11	52	52

4.1 Crude oil and feedstocks


 eurostat	UNITED KINGDOM					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	126 245	116 679	115 944	106 073	95 374	84 722
Total imports	54 387	53 551	56 968	54 177	62 517	58 882
Total exports	92 918	86 918	87 144	74 898	64 503	54 098
Stock changes	1 099	-611	144	1 125	-134	-384
Refinery intake	88 144	83 469	84 909	84 706	89 938	86 136
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	4 050	3 672	4 490	4 994	4 479	5 338
Near and Middle East	2 365	2 022	2 991	2 751	1 603	2 113
Africa	2 454	1 526	1 283	1 334	4 170	3 539
<i>by country of origin:</i>						
Algeria	564	888	1 027	1 072	1 471	1 619
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	341	-	129	-	154	529
Mexico	729	488	788	583	322	442
Nigeria	-	116	-	130	248	324
Norway	32 179	27 972	29 493	32 578	39 771	37 373
Russia	1 878	2 687	3 520	4 355	7 457	5 051
Saudi Arabia	2 053	1 531	2 041	2 668	1 357	1 313
Syria	234	491	950	83	161	713
United Arab Emirates	-	-	-	-	-	87

4.2 Petroleum products


 eurostat	UNITED KINGDOM					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	86 341	82 092	83 998	84 529	89 826	86 003
<i>among which:</i>						
Motor spirit	23 470	21 556	22 972	22 653	24 620	22 652
Kerosene and jet fuel	9 562	8 998	8 871	8 798	9 228	8 492
Naphtha	3 099	3 463	3 174	3 516	3 176	3 023
Gas/diesel oil	28 298	26 796	28 393	27 579	28 839	28 691
Residual fuel oil	11 621	11 912	10 551	11 517	12 988	11 728
Total imports	14 212	16 947	14 900	16 473	18 509	22 510
Total exports	20 677	19 088	23 444	23 316	30 269	29 723
Bunkers	2 079	2 218	1 913	1 764	2 085	2 053
Stock changes	-379	-624	1 132	-491	17	1 045
Gross inland consumption	-8 923	-4 983	-9 325	-9 098	-13 828	-7 901
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	1 666	1 338	533	532	1 023	2 788
United Kingdom	-	-	-	-	-	-
Norway	2 094	564	164	435	1 429	2 131
OPEC	3 001	4 378	2 694	3 147	6 679	5 273
Imports by product						
<i>among which:</i>						
Motor spirit	2 459	3 618	2 316	2 034	2 194	2 389
Kerosene and jet fuel	4 761	6 320	6 999	7 673	8 018	9 490
Gas/diesel oil	3 815	4 098	3 219	3 503	4 216	4 922
Residual fuel oil	596	980	558	394	612	1 527
Exports by product						
<i>among which:</i>						
Motor spirit	4 708	4 453	5 538	5 608	7 342	6 589
Kerosene and jet fuel	686	623	990	1 143	1 171	1 678
Gas/diesel oil	6 416	5 287	6 352	5 528	6 623	6 315
Residual fuel oil	5 360	5 441	5 780	6 385	8 936	8 452
Consumption						
Inputs to electricity plants	834	740	442	724	861	849
Inputs to heating plants	694	670	267	151	78	61
Non-energy use	10 064	8 845	9 675	10 413	10 582	10 680
Final energy consumption	60 628	61 194	60 090	60 817	62 740	63 987
Industry	5 591	6 165	5 388	6 131	6 411	6 694
<i>among which by product:</i>						
Gas/diesel oil	2 705	3 175	2 898	3 213	2 854	3 286
Residual fuel oil	720	1 047	994	1 126	1 198	1 055

 eurostat	UNITED KINGDOM					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	264	204	264	247	330	283
Non-ferrous metals	38	76	75	45	50	50
Chemical industry	272	316	314	374	119	181
Non-met. mineral prod.	242	269	239	223	186	198
Food, drink, tobacco	206	277	238	206	319	298
Pulp, paper and print	40	106	74	53	55	80
Engineering & metal	357	457	430	267	245	237
Other industries	3 696	3 919	3 239	4 443	4 868	5 094
Transport	50 007	49 475	49 787	50 436	51 925	52 907
<i>among which:</i>						
Motor spirit	21 654	20 991	20 857	19 963	19 532	18 783
Jet fuel	10 822	10 626	10 531	10 776	11 873	12 509
Diesel oil	17 467	17 778	18 271	19 543	20 142	21 140
Services & households etc.	5 030	5 554	4 915	4 250	4 404	4 386
<i>among which:</i>						
Gas oil	2 114	1 825	1 599	947	1 366	1 504
Residual fuel oil	122	187	140	142	130	101
Stocks at end of period						
Crude oil and feedstocks	6 922	7 533	7 389	6 264	6 398	6 782
Petroleum products	7 341	7 965	6 833	7 324	7 307	6 262


5. Natural gas

 eurostat	UNITED KINGDOM						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		4 538 225	4 431 339	4 345 335	4 309 312	4 019 594	3 666 845
Total imports		93 701	109 673	217 769	310 675	478 926	624 135
Total exports		526 844	497 640	542 634	637 337	410 803	346 260
Stock changes		-39 265	-12 427	-26 482	12 571	-22 446	4 756
Gross inland consumption		4 065 817	4 030 945	3 993 988	3 995 221	4 065 271	3 949 476
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	16 570
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		40 607	45 841	136 380	258 317	343 323	460 416
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		1 170 018	1 126 814	1 187 806	1 168 783	1 228 141	1 201 986
Inputs to heat plants		89 608	84 910	79 232	71 388	71 590	74 416
Consumption of energy branch		280 588	335 128	332 464	324 003	316 722	306 298
Distribution losses		73 732	26 002	30 869	18 444	26 106	35 180
Non-energy use		49 576	40 943	38 808	36 076	36 076	34 996
Industry		660 383	647 435	594 598	598 381	553 225	535 457
<i>among which:</i>							
Iron&steel industry		81 184	30 607	31 648	37 177	34 976	30 276
Non-ferrous metals		19 685	20 387	18 918	17 212	11 517	11 322
Chemical industry		167 605	180 230	159 397	162 173	150 990	149 119
Non-met. mineral prod.		50 018	56 034	50 890	50 778	48 243	46 354
Food, drink, tobacco		99 306	106 909	103 982	103 676	101 636	99 698
Pulp, paper and print		57 906	59 648	55 627	57 233	49 960	47 056
Engineering & metal		91 054	96 167	91 473	90 512	82 607	81 692
Other industries		65 707	68 775	54 450	51 176	47 664	45 640
Transport		-	-	-	-	-	-
Services & households etc.		1 729 314	1 773 133	1 717 938	1 775 588	1 830 514	1 758 715
<i>among which:</i>							
Households		1 331 672	1 365 934	1 354 939	1 391 350	1 427 079	1 374 764
Services		392 163	398 815	354 553	375 872	394 958	376 027


6.1 Hard coal

 eurostat	UNITED KINGDOM					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	30 600	31 513	29 539	27 759	24 536	20 008
Total imports	23 446	35 542	28 686	31 891	36 153	43 968
Total exports	660	549	537	542	622	536
Stock changes	5 884	-3 392	501	3 237	-60	-2 129
Gross inland consumption	59 868	63 531	58 639	62 865	60 568	61 801
Imports						
Imports by origin						
<i>among which:</i>						
Australia	6 102	7 075	5 093	5 664	6 180	4 465
Colombia	5 649	6 722	3 556	3 411	3 635	3 297
Russia	491	3 895	4 374	5 387	9 932	17 526
South Africa	4 756	10 259	9 876	12 221	10 149	13 034
USA	2 773	2 610	1 566	1 154	2 065	1 509
Consumption						
Inputs to electricity plants	46 198	50 931	47 741	52 464	50 444	52 084
Inputs to heat plants	656	750	717	622	478	453
Consumption of energy branch	12	10	9	6	8	6
Industry	2 333	2 591	2 535	2 739	2 743	2 830
<i>among which:</i>						
Iron&steel industry	458	765	726	882	895	1 039
Non-ferrous metals	11	13	24	13	12	41
Chemical industry	34	35	61	70	148	141
Non-met. mineral prod.	1 240	1 260	1 213	1 199	1 127	1 120
Food, drink, tobacco	18	42	45	50	38	24
Pulp, paper and print	122	107	119	128	141	142
Engineering & metal	62	81	82	86	97	71
Other industries	326	213	181	225	203	182
Services & households etc.	1 965	1 942	1 306	1 068	964	646

6.2 Coal derivatives and peat

	UNITED KINGDOM					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	6 377	5 516	4 559	4 601	4 336	4 364
Patent Fuel	537	487	431	392	318	258
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	47 236	41 702	34 752	34 740	32 818	33 633
Blast-furnace gas	63 876	53 160	47 268	56 844	56 772	58 316
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	4 060	3 608	3 056	3 342	3 155	2 969
<i>among which:</i>						
Iron & steel industry	3 522	3 219	2 624	3 069	2 989	2 842
Services & households	145	67	178	129	51	34
Patent Fuel	521	483	414	358	315	256
<i>among which:</i>						
Services & households	496	446	392	341	303	256
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	13 347	11 256	7 057	6 415	7 190	6 941
Blast-furnace gas	21 928	26 010	22 380	17 143	16 733	16 235
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	37 645	25 138	24 871	39 081	38 582	41 332
Inputs to heat plants	8 748	8 663	6 869	4 993	2 151	2 151
Consumption of energy branch	23 764	19 327	17 204	17 633	16 642	16 579
Consumption in industry	35 275	37 266	29 437	23 558	23 923	23 176


7. Renewable energy sources

		UNITED KINGDOM					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	2 600	2 516	2 784	2 871	3 153	3 399
Hydro (excl. pumping)		437	349	412	277	424	427
Wind		81	83	108	110	166	250
Solar		11	13	16	20	25	30
Geothermal		1	1	1	1	1	1
Biomass		2 069	2 070	2 247	2 462	2 538	2 691
<i>among which:</i>							
Wood, wood-waste		839	633	705	723	591	604
Municipal solid waste		420	532	583	612	593	590
Biogas		810	904	960	1 128	1 353	1 440
Gross inland consumption		2 600	2 516	2 787	2 977	3 505	4 055
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	-	-	-	-
Biomass		1 515	1 541	1 702	1 993	2 313	2 806
<i>among which:</i>							
Wood, wood-waste		369	237	309	419	532	938
Municipal waste		392	457	494	506	487	484
Biogas		754	847	899	1 068	1 293	1 384
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	565	542	564	595	602	572
<i>by sector:</i>							
Industry		210	201	206	217	216	120
Services & households etc.		356	341	356	365	371	372
Transport		-	-	2	13	15	80
<i>by source:</i>							
Biomass		553	528	548	575	577	542
<i>among which:</i>							
Wood, wood-waste		470	396	396	396	396	300
Municipal waste		28	75	88	106	106	106
Biogas		56	57	61	60	60	56
Geothermal		1	1	1	1	1	1
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		1	2	3	3	4	8
Hydro with installed capacity < 1 MW		75	21	20	14	28	47
Hydro with installed capacity > 1 & <10 MW		139	189	183	129	254	420
Hydro with installed capacity > 10 MW		4 872	3 845	4 585	3 085	4 647	4 494
Wood, Wood-waste		436	776	1 128	1 538	1 949	3 387
Municipal waste		1 261	1 408	1 452	1 544	1 554	1 542
Biogas		2 555	2 870	3 045	3 610	4 382	4 690

eurostat		UNITED KINGDOM					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		2	3	4	6	8	11
Hydro with installed capacity < 1 MW		26	27	33	33	52	56
Hydro with installed capacity > 1 & <10 MW		40	162	161	86	84	102
Hydro with installed capacity > 10 MW		1 419	1 440	1 396	1 367	1 368	1 355
Wood, Wood-waste		133	133	144	163	157	475
Municipal waste		184	189	203	217	223	234
Biogas		468	503	535	676	790	888
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	71
Solar Panels							
Solar panel surface	<i>1000 m²</i>	312	396	446	583	583	583


1. Energy economy

Key figures and energy indicators

		HRVATSKA					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	3 562	3 730	3 689	3 727	3 852	3 779
Net energy imports		4 174	4 166	4 967	4 985	5 090	5 236
Net oil imports		2 441	2 763	3 484	3 347	3 443	3 610
Net gas imports		905	684	590	651	577	562
Gross inland energy consumption		7 819	7 959	8 247	8 828	8 842	8 914
Final energy consumption		5 340	5 460	5 591	5 948	6 134	6 311
Industry		1 390	1 439	1 392	1 441	1 556	1 572
Transport		1 530	1 546	1 642	1 768	1 821	1 902
Services and households etc.		2 419	2 475	2 557	2 739	2 757	2 836
Gross electricity generation	GWh	10 702	12 175	12 286	12 670	13 320	12 449
Final electricity consumption		11 796	11 958	12 654	12 922	13 646	14 355
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	17 024	17 778	18 770	19 765	20 516	21 398
Population	1000 per.	4 442	4 438	4 444	4 442	4 442	4 444
Industry added value	Mio EUR	4 872	5 055	5 267	5 730	6 162	6 732
Total imports (current prices)	Mio EUR	9 062	8 365	8 365	11 945	13 153	13 613
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	459.3	447.7	439.4	446.7	431.0	416.6
Final energy consumption / GDP(95)		313.7	307.1	297.9	300.9	299.0	294.9
Energy intensity of industry:							
Final consumption / gross value-added mp		285.3	284.7	264.3	251.5	252.5	233.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		59.6	65.0	64.9	65.1	6.4	97.0
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 760	1 793	1 856	1 987	1 991	2 006
Final energy consumption / capita		1 202	1 230	1 258	1 339	1 381	1 420
Household consumption / capita		374	375	389	421	424	363
Final electricity consumption / capita	kWh/cap.	2 656	2 695	2 847	2 909	3 072	3 230
Energy dependency							
Net energy imports / Gross consumption	in %	53.3	52.2	60.1	56.3	57.4	58.6
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	68.3	68.6	67.8	67.4	69.4	70.8
Efficiency of thermal power stations		49.9	48.1	47.5	49.0	50.6	50.8


2. Energy balance

Principal aggregates by product


 eurostat	HRVATSKA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	3 562	3 730	3 689	3 727	3 852	3 779
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	1 328	1 232	1 200	1 138	1 079	1 014
Natural Gas	1 355	1 642	1 732	1 789	1 796	1 865
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	505	563	461	419	598	545
Biomass	374	292	296	381	379	355
Imports						
Total	5 970	6 096	6 962	7 079	7 603	7 824
among which:						
Hard coal	444	402	542	606	707	574
Crude oil and feedstocks	4 001	4 041	4 319	4 355	4 518	4 350
Petroleum products	202	401	828	756	1 015	1 172
Natural Gas	905	885	886	930	861	926
Electricity	377	322	338	385	456	752
Exports						
Total	1 797	1 930	1 995	2 095	2 513	2 589
among which:						
Crude oil and feedstocks	35	-	-	-	-	-
Petroleum products	1 727	1 679	1 663	1 764	2 089	1 911
Natural gas	-	201	296	279	284	365
Electricity	33	51	35	50	140	312
Gross inland consumption						
Total	7 819	7 959	8 247	8 828	8 842	8 914
among which:						
Solid fuels	438	481	584	654	690	684
Crude oil and petrol. prod.	3 949	4 036	4 233	4 683	4 402	4 514
Natural gas	2 209	2 315	2 370	2 356	2 458	2 377
Nuclear Energy	-	-	-	-	-	-
Renewables	879	855	757	800	977	900
Transformation input						
Total	6 659	6 599	6 985	7 404	7 043	6 826
among which:						
Crude oil and feedstocks	5 316	5 022	5 189	5 465	5 418	5 230
Petroleum products	446	567	548	775	421	506
Hard coal	356	392	489	529	494	532
Lignite and peat	1	4	3	3	5	5
Renewables	0	-	-	-	1	3
Transformation output						
Total	5 973	5 775	6 036	6 415	6 233	6 041
among which:						
Electricity	414	481	589	665	539	517
Heat	274	304	289	313	307	318

eurostat	HRVATSKA					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	5 340	5 460	5 591	5 948	6 134	6 311
<i>among which:</i> Solid fuels	75	85	92	118	191	146
Petroleum products	2 656	2 703	2 820	2 943	2 964	3 078
Natural Gas	1 001	1 104	1 051	1 130	1 170	1 232
Renewables	373	292	296	381	378	352
Electricity	1 014	1 028	1 088	1 111	1 173	1 234
Final energy consumption by sector						
Industry						
Total	1 390	1 439	1 392	1 441	1 556	1 572
<i>among which:</i> Solid fuels	60	77	80	103	181	136
Petroleum Products	451	470	456	440	428	499
Natural Gas	503	517	482	491	527	528
Renewables	53	47	48	60	64	53
Electricity	261	266	268	294	304	301
Transport						
Total	1 530	1 546	1 642	1 768	1 821	1 902
<i>among which:</i> Motor spirit	804	772	781	778	743	730
Diesel oil	617	662	747	877	957	1 029
Jet fuel	74	74	71	70	80	96
Electricity	23	21	22	23	23	24
Services&households						
Total	2 419	2 475	2 557	2 739	2 757	2 836
<i>among which:</i> Solid fuels	14	8	12	15	9	11
Gas oil	595	608	625	641	626	586
Natural Gas	498	587	569	640	643	704
Renewables	320	245	248	321	314	299
Electricity	730	740	797	795	847	910
Heat	155	180	180	202	198	204


3.1 Electricity balance

 eurostat	HRVATSKA					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	10 702	12 175	12 286	12 670	13 320	12 449
<i>among which:</i>						
Hydro	5 892	6 585	5 432	4 936	7 051	6 438
Wind	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	4 810	5 590	6 854	7 734	6 269	6 011
<i>of which:</i>						
Hard coal	1 546	1 625	2 096	2 393	2 120	2 310
Lignite and peat	5	13	13	10	19	18
Petroleum products	1 687	2 133	2 218	3 158	1 667	1 855
Natural gas	1 571	1 819	2 527	2 173	2 459	1 814
Derived gases	-	-	-	-	-	-
Biomass	1	-	-	-	4	14
Industrial wastes	-	-	-	-	-	-
Total net generation	10 270	11 734	11 750	12 115	12 820	11 985
Imports and exports						
Total imports	4 386	3 744	3 927	4 479	5 298	8 746
Total exports	386	588	406	586	1 633	3 634
Consumption and losses						
Consumption of the energy branch	852	874	1 009	1 038	1 024	980
<i>of which:</i>						
Consumption for pumped-storage	8	16	28	26	40	44
Network losses	2 036	2 461	2 077	2 543	2 224	2 131
Final energy consumption	11 796	11 958	12 654	12 922	13 646	14 355
<i>of which:</i>						
Industry	3 038	3 098	3 121	3 414	3 530	3 498
<i>among which:</i>						
Iron&steel industry	216	148	122	137	188	180
Non-ferrous metals	66	76	92	80	80	93
Chemical industry	530	504	494	528	469	474
Non-met. mineral prod.	564	607	621	698	654	685
Food, drink, tobacco	413	434	454	527	583	530
Pulp, paper and print	280	291	307	321	291	312
Engineering & metal	295	338	356	379	410	423
Other industries	472	483	470	543	619	575
Transport	270	250	261	267	263	275
Services & households etc.	8 488	8 610	9 272	9 241	9 853	10 582
<i>among which:</i>						
Households	5 729	5 559	5 954	5 694	6 072	4 182


3.2 Electrical capacity, fuel inputs and heat


		HRVATSKA					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	3 754	3 754	3 931	3 919	3 937	3 860
<i>by source:</i>							
Conventional thermal		1 675	1 675	1 865	1 843	1 854	1 800
<i>of which:</i>							
Steam		1 401	1 401	1 409	1 387	1 389	1 395
Gas turbine		210	210	196	196	203	130
Combined cycle		6	6	208	208	208	262
Internal combustion		58	58	52	52	54	13
Nuclear		-	-	-	-	-	-
Hydro		2 079	2 079	2 066	2 076	2 083	2 060
<i>among which:</i>							
Pumped storage		291	291	291	293	293	256
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		3 504	3 504	3 681	3 690	3 718	3 653
Autoproducers		250	250	250	229	225	213
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	1 248	1 466	1 688	1 827	1 515	1 479
<i>among which:</i>							
Hard coal		356	392	489	529	494	532
Lignite and peat		1	4	3	3	5	5
Petroleum products		395	515	495	720	364	448
Natural gas		496	556	701	575	651	490
Renewables		0	-	-	-	1	3
Heating plants		83	98	94	98	98	103
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		39	40	38	40	44	44
Natural gas		43	57	55	57	53	58
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	274	304	289	313	307	318
<i>among which: in heating plants</i>							
		65	80	76	83	79	83
Heat consumption		213	239	232	254	249	257
<i>of which: in industry</i>							
		58	59	53	52	51	54
<i>in households and services</i>							
		155	180	180	202	198	204
<i>among which: in households</i>							
		129	151	147	161	157	40

4.1 Crude oil and feedstocks


 eurostat	HRVATSKA					
	in 1 000 t	2000	2001	2002	2003	2004
Primary production and supply						
Primary production	1 313	1 217	1 185	1 125	1 068	1 004
Total imports	3 954	3 991	4 265	4 302	4 470	4 306
Total exports	35	-	-	-	-	-
Stock changes	222	-73	-156	138	1	41
Refinery intake	5 254	4 960	5 124	5 399	5 361	5 177
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	547	388	80	232	80	80
Near and Middle East	295	785	1 168	1 415	481	484
Africa	466	388	-	232	80	80
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	81	-	80	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	78	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	341	388	-	232	80	80
Mexico	-	-	-	-	-	-
Nigeria	125	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	1 956	1 569	2 727	1 578	2 940	3 435
Saudi Arabia	-	-	-	-	-	-
Syria	214	785	1 088	1 415	481	484
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	HRVATSKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	5 214	4 919	5 080	5 358	5 320	5 141
<i>among which:</i>						
Motor spirit	1 330	1 210	1 209	1 261	1 226	1 168
Kerosene and jet fuel	89	75	69	76	92	100
Naphtha	103	166	169	165	212	177
Gas/diesel oil	1 666	1 650	1 640	1 873	1 741	1 603
Residual fuel oil	1 111	1 021	1 062	1 036	1 012	1 160
Total imports	209	409	844	773	1 041	1 213
Total exports	1 703	1 641	1 626	1 726	2 052	1 873
Bunkers	18	29	24	22	24	25
Stock changes	-24	141	-274	85	-113	-134
Gross inland consumption	-1 536	-1 120	-1 080	-890	-1 148	-819
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	3	2	7	4	3	2
United Kingdom	-	-	72	-	-	-
Norway	-	-	-	77	-	-
OPEC	20	45	62	13	7	113
Imports by product						
<i>among which:</i>						
Motor spirit	9	41	77	89	137	257
Kerosene and jet fuel	36	13	14	3	1	4
Gas/diesel oil	68	165	321	234	471	543
Residual fuel oil	47	137	331	326	213	85
Exports by product						
<i>among which:</i>						
Motor spirit	526	555	468	631	609	706
Kerosene and jet fuel	43	20	8	13	10	3
Gas/diesel oil	357	439	401	454	495	349
Residual fuel oil	193	72	85	4	304	234
Consumption						
Inputs to electricity plants	413	538	518	753	381	469
Inputs to heating plants	41	42	40	42	46	46
Non-energy use	229	211	248	327	372	327
Final energy consumption	2 610	2 658	2 773	2 891	2 925	3 062
Industry						
<i>among which by product:</i>						
Gas/diesel oil	132	131	119	145	137	163
Residual fuel oil	284	309	309	268	218	182

 eurostat	HRVATSKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	4	4	2	2	3	5
Non-ferrous metals	3	4	5	5	7	6
Chemical industry	93	99	74	81	105	57
Non-met. mineral prod.	184	196	194	151	139	233
Food, drink, tobacco	58	51	59	51	33	48
Pulp, paper and print	3	3	4	6	16	16
Engineering & metal	9	8	9	9	12	16
Other industries	83	85	86	107	111	139
Transport	1 459	1 477	1 571	1 696	1 749	1 828
<i>among which:</i>						
Motor spirit	765	735	743	740	707	695
Jet fuel	72	72	69	68	78	93
Diesel oil	611	655	739	868	947	1 018
Services & households etc.	686	697	733	746	725	688
<i>among which:</i>						
Gas oil	589	602	619	634	620	580
Residual fuel oil	26	21	40	36	25	27
Stocks at end of period						
Crude oil and feedstocks	271	344	500	362	361	320
Petroleum products	-	-	-	-	-	-


5. Natural gas

 eurostat	HRVATSKA						
	in TJ (GCV)		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		63 023	76 395	80 572	83 205	83 528	86 769
Total imports		42 104	41 162	41 207	43 274	40 037	43 096
Total exports		-	9 329	13 764	12 996	13 209	16 971
Stock changes		-2 345	-528	2 253	-3 876	3 997	-2 318
Gross inland consumption		102 782	107 700	110 268	109 607	114 353	110 576
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		42 104	41 162	41 207	43 274	40 037	43 096
Consumption							
Inputs to electricity plants		23 081	25 882	32 590	26 760	30 290	22 807
Inputs to heat plants		2 014	2 664	2 554	2 645	2 443	2 709
Consumption of energy branch		7 661	7 129	6 718	6 254	5 943	7 217
Distribution losses		2 698	3 705	4 102	3 819	2 846	2 352
Non-energy use		20 782	16 982	15 398	17 552	18 419	18 168
Industry		23 393	24 050	22 416	22 827	24 495	24 559
<i>among which:</i>							
Iron&steel industry		851	855	490	669	543	578
Non-ferrous metals		182	171	122	49	68	38
Chemical industry		5 438	4 727	3 830	4 636	6 460	5 856
Non-met. mineral prod.		8 086	8 930	8 402	7 706	7 102	7 372
Food, drink, tobacco		4 207	4 849	5 054	5 024	5 939	6 118
Pulp, paper and print		1 957	2 018	2 158	2 109	1 851	1 965
Engineering & metal		715	638	543	726	962	984
Other industries		345	342	282	342	567	699
Transport		-	-	-	-	-	-
Services & households etc.		23 153	27 288	26 490	29 750	29 917	32 764
<i>among which:</i>							
Households		18 871	21 337	20 851	24 058	23 921	26 136
Services		3 731	5 054	4 716	4 936	5 259	5 746


6.1 Hard coal

 eurostat	HRVATSKA					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	711	643	879	1 035	1 218	958
Total exports	-	-	-	-	-	-
Stock changes	-80	57	-7	2	-111	99
Gross inland consumption	631	700	872	1 037	1 107	1 057
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	68	-	-
Colombia	177	-	128	68	901	-
Russia	18	6	-	-	-	328
South Africa	350	331	266	210	-	339
USA	66	-	-	-	-	-
Consumption						
Inputs to electricity plants	570	627	794	904	852	888
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	53	69	78	126	254	169
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	1
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	53	69	78	126	252	168
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

	HRVATSKA					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	440	452	615	591	473	556
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	18	19	17	17	20	23
<i>among which:</i>						
Iron & steel industry	12	5	6	3	-	4
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	77	75	84	86	72	71
<i>among which:</i>						
Industry	39	53	52	46	49	45
Services & households	38	22	32	40	23	26
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	390	394	548	500	411	490
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	24	30	32	33	32	42
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	146	148	237	108	70	101


7. Renewable energy sources

		HRVATSKA					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	879	855	757	800	977	900
Hydro (excl. pumping)		505	563	461	419	598	545
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		374	292	296	381	379	355
<i>among which:</i>							
Wood, wood-waste		374	292	296	381	379	353
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	3
Gross inland consumption		879	855	757	800	977	900
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		0	-	-	-	1	3
<i>among which:</i>							
Wood, wood-waste		0	-	-	-	1	1
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	3
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	373	292	296	381	378	352
<i>by sector:</i>							
Industry		53	47	48	60	64	53
Services & households etc.		320	245	248	321	314	299
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		373	292	296	381	378	352
<i>among which:</i>							
Wood, wood-waste		373	292	296	381	378	352
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	-	2	2	1
Hydro with installed capacity > 1 & <10 MW		6	6	8	72	124	107
Hydro with installed capacity > 10 MW		-	-	-	4 802	6 832	6 225
Wood, Wood-waste		1	-	-	-	4	3
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-

eurostat		HRVATSKA					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	-	1	1	1
Hydro with installed capacity > 1 & <10 MW		38	38	38	33	31	32
Hydro with installed capacity > 10 MW		1 750	1 750	1 737	1 749	1 758	1 771
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

		TÜRKIYE					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	26 715	25 065	24 627	23 857	24 193	23 612
Net energy imports		50 873	46 070	51 002	56 655	58 574	61 986
Net oil imports		29 285	26 831	28 510	28 451	29 378	28 233
Net gas imports		12 051	13 217	14 340	17 283	18 123	22 134
Gross inland energy consumption		77 374	71 370	75 341	79 278	81 859	85 159
Final energy consumption		54 842	49 566	53 920	57 769	59 414	62 323
Industry		20 431	16 096	19 517	21 697	21 822	21 643
Transport		12 202	11 681	12 551	12 588	12 810	13 349
Services and households etc.		22 209	21 789	21 852	23 484	24 781	27 330
Gross electricity generation		124 922	122 725	129 400	140 581	150 698	161 956
Final electricity consumption		95 873	95 315	101 532	110 364	119 483	128 518
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	157 229	145 444	156 995	166 092	180 926	194 279
Population	1000 per.	66 889	67 896	68 838	69 770	70 692	71 610
Industry added value	Mio EUR	48 699	45 191	48 411	51 083	55 582	60 113
Total imports (current prices)	Mio EUR	57 563	43 266	50 113	63 675	79 399	88 550
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	492.1	490.7	479.9	477.3	452.4	438.3
Final energy consumption / GDP(95)		348.8	340.8	343.5	347.8	328.4	320.8
Energy intensity of industry:							
Final consumption / gross value-added mp		419.5	356.2	403.1	424.7	392.6	360.0
Energy intensity of service sector:							
Final consumption / gross value-added mp		27.9	34.2	34.7	40.6	43.3	50.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 157	1 051	1 094	1 136	1 158	1 189
Final energy consumption / capita		820	730	783	828	840	870
Household consumption / capita		254	239	230	244	247	265
Final electricity consumption / capita	kWh/cap.	1 433	1 404	1 475	1 582	1 690	1 795
Energy dependency							
Net energy imports / Gross consumption	in %	65.4	64.3	67.2	70.9	70.4	71.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	70.9	69.4	71.6	72.9	72.6	73.2
Efficiency of thermal power stations		39.7	40.7	41.5	43.7	43.0	44.6


2. Energy balance

Principal aggregates by product


 eurostat	TURKIYE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	26 715	25 065	24 627	23 857	24 193	23 612
among which:						
Hard coal	1 168	1 268	1 171	1 289	1 367	1 565
Lignite and peat	12 125	11 608	10 655	9 721	9 232	8 919
Crude oil	2 746	2 508	2 414	2 349	2 245	2 259
Natural Gas	526	257	311	461	566	738
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	2 655	2 064	2 896	3 038	3 963	3 402
Biomass	6 546	6 303	6 039	5 783	5 550	5 332
Imports						
Total	52 132	48 544	54 001	60 964	63 439	67 537
among which:						
Hard coal	2 962	124 922	122 725	129 400	140 581	11 430
Crude oil and feedstocks	21 458	23 129	23 599	24 078	23 851	23 395
Petroleum products	9 049	6 139	7 873	8 632	10 295	10 234
Natural Gas	12 051	13 217	14 340	17 283	18 123	22 134
Electricity	326	394	309	100	40	55
Exports						
Total	1 259	2 474	2 999	4 309	4 866	5 550
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	1 222	2 437	2 962	4 259	4 767	5 396
Natural gas	-	-	-	-	-	-
Electricity	38	37	37	51	98	155
Gross inland consumption						
Total	77 374	71 370	75 341	79 278	81 859	85 159
among which:						
Solid fuels	23 278	19 235	19 601	21 514	22 205	22 296
Crude oil and petrol. prod.	31 005	28 969	30 644	29 948	30 220	30 016
Natural gas	12 638	13 372	14 735	17 721	18 709	22 792
Nuclear Energy	-	-	-	-	-	-
Renewables	10 149	9 424	10 077	10 036	10 783	10 131
Transformation input						
Total	48 138	49 694	49 429	51 282	51 254	53 630
among which:						
Crude oil and feedstocks	23 819	25 437	26 185	26 700	26 209	25 893
Petroleum products	2 588	2 448	2 380	2 034	1 754	1 207
Hard coal	3 968	3 501	3 417	4 824	5 637	5 764
Lignite and peat	8 891	8 893	7 347	6 192	5 963	6 769
Renewables	155	171	156	112	99	89
Transformation output						
Total	35 030	36 709	37 203	38 863	38 431	39 708
among which:						
Electricity	8 083	8 483	8 226	9 045	8 990	10 519
Heat	-	-	-	-	-	-

eurostat	TURKIYE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	54 842	49 566	53 920	57 769	59 414	62 323
<i>among which:</i> Solid fuels	10 799	7 385	9 398	10 912	11 264	11 283
Petroleum products	23 140	21 154	22 771	22 779	22 790	23 171
Natural Gas	4 782	5 137	5 535	7 220	7 922	9 460
Renewables	7 336	7 184	7 021	6 881	6 717	6 635
Electricity	8 244	8 196	8 730	9 490	10 274	11 051
Final energy consumption by sector						
Industry						
Total	20 431	16 096	19 517	21 697	21 822	21 643
<i>among which:</i> Solid fuels	9 383	6 152	8 123	9 328	9 488	8 812
Petroleum Products	4 780	4 014	4 935	4 892	4 327	4 062
Natural Gas	1 667	1 432	1 672	2 253	2 448	2 708
Renewables	97	118	119	119	121	121
Electricity	3 963	3 869	4 203	4 617	4 991	5 217
Transport						
Total	12 202	11 681	12 551	12 588	12 810	13 349
<i>among which:</i> Motor spirit	3 803	3 139	3 279	2 811	2 494	2 779
Diesel oil	5 511	5 706	6 270	6 645	6 913	6 904
Jet fuel	1 261	1 241	1 632	1 740	1 861	2 010
Electricity	66	57	66	61	51	54
Services&households						
Total	22 209	21 789	21 852	23 484	24 781	27 330
<i>among which:</i> Solid fuels	1 416	1 233	1 275	1 584	1 776	2 471
Gas oil	2 634	2 624	2 865	2 584	2 908	2 933
Natural Gas	3 113	3 703	3 860	4 963	5 471	6 749
Renewables	7 239	7 066	6 902	6 762	6 596	6 514
Electricity	4 215	4 270	4 462	4 811	5 232	5 780
Heat	-	-	-	-	-	-


3.1 Electricity balance

 eurostat	TURKIYE					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	124 922	122 725	129 400	140 581	150 698	161 956
<i>among which:</i>						
Hydro	30 879	24 010	33 683	35 330	46 084	39 561
Wind	33	62	48	61	58	59
Geothermal	76	90	105	89	93	94
Nuclear	-	-	-	-	-	-
Conventional thermal	93 934	98 563	95 564	105 101	104 463	122 242
<i>of which:</i>						
Hard coal	2 964	3 367	3 370	7 830	11 116	12 253
Lignite and peat	34 366	34 371	28 056	23 590	22 449	29 946
Petroleum products	9 311	10 367	10 744	9 197	7 670	5 483
Natural gas	435	124 922	122 725	129 400	140 581	73 445
Derived gases	857	678	723	832	883	993
Biomass	166	133	130	80	76	34
Industrial wastes	54	97	44	36	28	88
Total net generation	118 698	116 251	123 727	135 248	145 066	155 469
Imports and exports						
Total imports	3 791	4 579	3 588	1 158	463	636
Total exports	437	433	435	588	1 144	1 798
Consumption and losses						
Consumption of the energy branch	8 647	8 227	7 089	6 735	7 291	8 232
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	23 756	23 329	23 932	24 052	23 243	24 044
Final energy consumption	95 873	95 315	101 532	110 364	119 483	128 518
<i>of which:</i>						
Industry	46 089	44 998	48 876	53 697	58 042	60 671
<i>among which:</i>						
Iron&steel industry	8 395	8 062	8 074	9 582	10 940	11 661
Non-ferrous metals	2 514	2 523	2 544	3 081	2 697	2 485
Chemical industry	2 621	2 409	2 835	3 396	4 390	3 965
Non-met. mineral prod.	5 870	5 484	4 929	5 602	6 080	6 024
Food, drink, tobacco	3 091	3 150	3 194	4 142	3 485	3 754
Pulp, paper and print	1 644	1 166	1 202	1 592	1 238	1 383
Engineering & metal	2 483	2 161	2 291	2 737	2 418	2 489
Other industries	9 730	10 348	12 987	11 051	14 905	15 906
Transport	765	660	762	713	596	627
Services & households etc.	49 019	49 657	51 894	55 954	60 845	67 220
<i>among which:</i>						
Households	23 888	23 557	23 559	25 195	27 619	30 935


3.2 Electrical capacity, fuel inputs and heat

		TURKIYE					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	27 264	28 332	31 846	35 587	36 824	38 842
<i>by source:</i>							
Conventional thermal		16 052	16 622	19 568	22 974	24 145	25 901
<i>of which:</i>							
Steam		8 515	8 601	8 610	8 565	8 580	9 429
Gas turbine		449	452	427	655	675	851
Combined cycle		6 854	7 030	9 571	12 454	13 512	14 079
Internal combustion		234	539	960	1 293	1 353	1 503
Nuclear		-	-	-	-	-	-
Hydro		11 175	11 673	12 241	12 579	12 645	12 905
<i>among which:</i>							
Pumped storage			124 922	122 725	129 400	140 581	-
Wind		19	19	19	19	19	21
Geothermal		18	18	18	15	15	15
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		24 268	24 958	28 110	31 045	32 444	34 780
Autoproducers		2 996	3 374	3 736	4 542	4 380	4 062
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	20 373	20 850	19 831	20 675	20 907	23 576
<i>among which:</i>							
Hard coal		867	874	823	1 841	2 435	2 594
Lignite and peat		8 890	8 892	7 346	6 178	5 921	6 721
Petroleum products		2 588	2 448	2 380	2 034	1 754	1 207
Natural gas		7 406	8 026	8 656	9 960	10 137	12 621
Renewables		155	171	156	112	99	89
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	TJ	-	-	-	-	-	-
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		-	-	-	-	-	-
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks

 eurostat	TURKIYE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	2 762	2 520	2 420	2 351	2 251	2 258
Total imports	21 583	23 242	23 662	24 095	23 918	23 389
Total exports	-	-	-	-	-	-
Stock changes	-310	-188	130	49	-185	154
Refinery intake	23 957	25 560	26 252	26 717	26 281	25 886
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	17 418	12 913	15 421	17 534	16 110	15 897
Near and Middle East	11 606	10 851	13 658	14 144	11 767	11 681
Africa	-	124 922	122 725	129 400	140 581	4 540
<i>by country of origin:</i>						
Algeria	-	80	267	240	397	-
Irak	4 087	-	2 850	1 817	1 389	976
Iran	3 793	4 894	4 539	7 029	5 821	6 887
Kazakhstan	273	43	-	22	150	-
Kuwait	-	-	-	-	-	-
Libya	3 594	4 414	3 900	4 580	5 053	4 540
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	2 224	4 582	3 927	4 565	6 344	6 997
Saudi Arabia	3 726	3 525	3 865	3 868	3 450	3 494
Syria	2 218	2 432	2 404	1 430	1 107	324
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

 eurostat	TURKIYE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	23 745	25 374	26 037	26 461	26 002	25 638
<i>among which:</i>						
Motor spirit	2 744	2 968	3 718	3 837	3 479	3 609
Kerosene and jet fuel	1 050	1 230	1 650	1 762	1 831	2 021
Naphtha	1 852	2 026	1 453	1 354	1 573	1 488
Gas/diesel oil	6 646	7 340	7 720	8 087	7 665	7 601
Residual fuel oil	8 022	8 456	7 970	8 038	7 845	7 208
Total imports	8 669	5 791	7 536	8 256	9 876	9 813
Total exports	1 310	2 570	3 031	4 193	4 777	5 313
Bunkers	405	237	535	622	1 342	1 069
Stock changes	-353	91	106	-299	101	435
Gross inland consumption	1 985	124 922	122 725	129 400	140 581	3 866
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	68	-	34	85	-	-
United Kingdom	152	85	52	139	66	106
Norway	668	597	827	785	666	468
OPEC	3 018	2 429	1 985	1 327	1 530	1 729
Imports by product						
<i>among which:</i>						
Motor spirit	837	437	450	447	759	619
Kerosene and jet fuel	166	-	17	152	184	18
Gas/diesel oil	2 470	1 596	2 409	2 715	3 818	4 146
Residual fuel oil	701	226	821	736	785	748
Exports by product						
<i>among which:</i>						
Motor spirit	-	1 113	1 113	1 654	1 865	1 671
Kerosene and jet fuel	2	5	18	146	200	33
Gas/diesel oil	26	208	582	931	564	1 278
Residual fuel oil	575	1 007	423	525	1 102	1 427
Consumption						
Inputs to electricity plants	2 661	2 536	2 466	2 105	1 819	1 256
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	3 461	3 359	3 539	3 318	3 934	3 991
Final energy consumption	22 612	20 704	22 335	22 370	22 323	22 653
Industry						
<i>among which by product:</i>						
Gas/diesel oil	261	141	181	301	179	75
Residual fuel oil	4 188	3 643	4 106	4 355	3 894	3 684



in 1 000 t

TURKIYE

2000 2001 2002 2003 2004 2005

Industry

among which by sector:

Iron&steel industry	463	429	404	374	252	256
Non-ferrous metals	277	276	276	276	277	280
Chemical industry	891	790	885	884	1 421	1 418
Non-met. mineral prod.	67	63	57	55	51	54
Food, drink, tobacco	140	130	165	264	238	188
Pulp, paper and print	200	208	220	274	210	183
Engineering & metal	-	-	-	-	-	-
Other industries	2 590	1 943	2 715	2 545	1 717	1 604

Transport

among which:

Motor spirit	3 619	2 987	3 120	2 675	2 373	2 644
Jet fuel	1 228	1 208	1 589	1 694	1 812	1 957
Diesel oil	5 455	5 648	6 206	6 577	6 842	6 833

Services & households etc.


among which:

Gas oil	2 607	2 597	2 836	2 558	2 878	2 903
Residual fuel oil	636	596	604	500	295	265


Stocks at end of period

Crude oil and feedstocks	5 092	5 280	5 150	5 101	5 286	5 132
Petroleum products	2 289	2 233	2 092	2 391	2 290	1 855


5. Natural gas

 eurostat	TURKIYE						
	<i>in TJ (GCV)</i>		2000	2001	2002	2003	2004
Primary production and supply							
Primary production		24 474	11 950	14 477	21 448	26 350	34 355
Total imports		560 616	614 878	667 112	803 993	843 063	1 029 654
Total exports		-	-	-	-	-	-
Stock changes		2 817	-4 771	3 903	-1 073	949	-3 735
Gross inland consumption		587 907	622 057	685 492	824 368	870 362	1 060 274
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		150 948	152 250	156 282	148 386	138 956	158 992
Egypt			124 922	122 725	129 400	140 581	-
Libya		-	-	-	-	-	-
Nigeria		29 568	50 595	48 636	43 330	42 855	42 832
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		380 100	412 033	436 302	475 732	531 645	660 621
Consumption							
Inputs to electricity plants		344 525	373 370	402 692	463 324	471 567	587 146
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		5 476	5 316	5 741	6 544	9 388	9 531
Distribution losses		1 200	780	805	821	865	885
Non-energy use		4 275	3 608	18 754	17 791	19 994	22 615
Industry		77 540	66 606	77 769	104 831	113 872	125 998
<i>among which:</i>							
Iron&steel industry		11 423	10 400	12 866	14 793	19 906	21 788
Non-ferrous metals		8 783	7 520	7 800	13 905	15 104	17 826
Chemical industry		10 610	12 749	12 749	21 178	23 341	31 009
Non-met. mineral prod.		18 561	13 494	15 628	17 348	22 062	24 540
Food, drink, tobacco		4 139	4 034	2 496	3 516	5 027	5 003
Pulp, paper and print		2 973	1 589	1 911	2 152	2 575	2 169
Engineering & metal		1 904	1 443	2 120	2 070	3 386	3 499
Other industries		10 289	9 120	10 269	16 229	10 128	12 500
Transport		120	130	146	165	155	145
Services & households etc.		144 797	172 255	179 585	230 892	254 521	313 954
<i>among which:</i>							
Households		125 374	139 575	145 040	173 399	181 299	222 586
Services		19 423	32 680	34 545	57 493	73 222	91 368


6.1 Hard coal


 eurostat	TURKIYE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	2 281	2 388	2 250	2 395	2 668	3 058
Total imports	12 990	8 028	11 693	16 166	16 427	17 360
Total exports	-	-	-	-	-	-
Stock changes	144	654	-182	-690	531	-259
Gross inland consumption	15 415	11 070	13 761	17 871	19 626	20 159
Imports						
Imports by origin						
<i>among which:</i>						
Australia	2 793	1 312	1 862	1 709	776	882
Colombia	-	124 922	122 725	129 400	140 581	2 456
Russia	5 282	3 080	5 350	6 717	6 769	6 772
South Africa	1 440	1 092	1 144	2 299	1 940	1 448
USA	2 150	910	811	1 278	1 571	1 810
Consumption						
Inputs to electricity plants	1 980	2 214	1 995	3 706	4 565	5 171
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	8 632	4 643	7 463	9 191	10 251	9 197
<i>among which:</i>						
Iron&steel industry	93	95	106	92	94	89
Non-ferrous metals	32	73	76	80	89	94
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	30	54	55	66	68	69
Food, drink, tobacco	167	154	144	113	122	136
Pulp, paper and print	15	14	15	17	18	20
Engineering & metal	-	-	-	-	-	-
Other industries	8 182	4 146	7 018	8 788	9 450	8 611
Services & households etc.	782	834	921	1 034	949	1 573

6.2 Coal derivatives and peat

	TURKIYE					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	2 925	2 587	2 598	2 878	2 990	2 992
Patent Fuel	-	-	-	-	-	-
Lignite and peat	60 854	59 572	51 660	46 168	43 709	55 282
Brown coal briquettes	2	2	2	47	159	120
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	21 728	18 826	18 070	20 921	21 807	21 829
Blast-furnace gas	34 374	31 713	33 374	37 074	36 411	38 447
Gasworks gas	43	124 922	122 725	129 400	140 581	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	2 386	2 096	1 993	2 121	2 055	2 079
<i>among which:</i>						
Iron & steel industry	1 936	1 800	1 599	1 736	1 837	1 812
Services & households	47	22	43	159	75	69
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	11 904	8 223	10 123	10 575	10 906	9 004
<i>among which:</i>						
Industry	6 978	5 640	6 417	6 331	5 409	4 114
Services & households	4 926	2 583	3 706	4 244	5 497	4 890
Brown coal briquettes	2	2	2	47	159	120
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	2	2	2	47	159	120
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	12 073	10 605	8 550	9 114	9 007	12 108
Blast-furnace gas	11 770	11 835	11 794	12 207	10 613	19 344
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	19 219	18 283	19 645	23 195	24 060	13 562
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	12 427	9 816	10 511	10 558	13 354	13 069
Consumption in industry	23 843	22 440	20 344	21 321	19 620	31 452

7. Renewable energy sources

	TURKIYE					
	2000	2001	2002	2003	2004	2005
Primary production						
Total primary production	<i>in 1000 toe</i>					
	10 149	9 424	10 077	10 036	10 783	10 131
Hydro (excl. pumping)	2 655	2 064	2 896	3 038	3 963	3 402
Wind	3	5	4	5	5	5
Solar	262	287	318	350	375	385
Geothermal	684	764	820	860	891	1 007
Biomass	6 546	6 303	6 039	5 783	5 550	5 332
<i>among which:</i>						
Wood, wood-waste	6 541	6 297	6 032	5 775	5 542	5 325
Municipal solid waste	-	-	-	-	-	-
Biogas	5	6	7	8	7	7
Gross inland consumption	10 149	9 424	10 077	10 036	10 783	10 131
		124 922	122 725	129 400	140 581	
Inputs to electricity and heat production						
	<i>in 1000 toe</i>					
Geothermal	65	77	90	76	80	81
Biomass	90	93	66	36	19	8
<i>among which:</i>						
Wood, wood-waste	85	87	59	28	11	1
Municipal waste	-	-	-	-	-	-
Biogas	5	6	7	8	7	7
Final consumption of RES (excl. electricity)						
Total	<i>in 1000 toe</i>					
	7 336	7 184	7 021	6 881	6 717	6 635
<i>by sector:</i>						
Industry	97	118	119	119	121	121
Services & households etc.	7 239	7 066	6 902	6 762	6 596	6 514
Transport	-	-	-	-	-	-
<i>by source:</i>						
Biomass	6 456	6 210	5 973	5 747	5 531	5 324
<i>among which:</i>						
Wood, wood-waste	6 456	6 210	5 973	5 747	5 531	5 324
Municipal waste	-	-	-	-	-	-
Biogas	-	-	-	-	-	-
Geothermal	618	687	730	784	811	926
Electricity generation from RES						
	<i>in GWh</i>					
Solar photovoltaics	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	31	36	53	56	55	49
Hydro with installed capacity > 1 & <10 MW	313	375	456	413	490	453
Hydro with installed capacity > 10 MW	30 533	23 599	33 174	34 861	45 539	39 059
Wood, Wood-waste	145	109	103	48	46	5
Municipal waste	-	-	-	-	-	-
Biogas	21	24	26	32	30	29

		TURKIYE					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		16	18	16	15	15	15
Hydro with installed capacity > 1 & <10 MW		136	183	142	142	160	160
Hydro with installed capacity > 10 MW		11 023	11 472	12 083	12 422	12 470	12 731
Wood, Wood-waste		72	72	72	72	72	72
Municipal waste		-	-	-	-	-	-
Biogas		4	4	9	9	9	9
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	7 700	8 200	8 700	9 500	10 000	11 000

1. Energy economy

Key figures and energy indicators

eurostat		ISLAND					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	2 306	2 451	2 462	2 457	2 519	2 636
Net energy imports		1 030	942	963	932	1 065	1 057
Net oil imports		931	847	865	839	960	956
Net gas imports		-	-	-	-	-	-
Gross inland energy consumption		3 230	3 349	3 382	3 373	3 483	3 610
Final energy consumption		2 115	2 129	2 207	2 215	2 227	2 201
Industry		720	752	786	775	797	764
Transport		345	329	316	319	345	360
Services and households etc.		1 051	1 048	1 105	1 122	1 085	1 077
Gross electricity generation	GWh	7 684	8 033	8 416	8 500	8 623	8 686
Final electricity consumption		6 911	7 212	7 519	7 541	7 760	7 799
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	6 809	7 075	7 069	7 263	7 816	8 375
Population	1000 per.	279	283	287	289	291	294
Industry added value	Mio EUR	1 665	1 709	1 645	1 717	1 852	:
Total imports (current prices)	Mio EUR	3 011	2 738	2 669	2 956	3 382	4 375
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	474.3	473.4	478.5	464.5	445.6	431.0
Final energy consumption / GDP(95)		310.6	300.9	312.2	305.0	284.9	262.8
Energy intensity of industry:							
Final consumption / gross value-added mp		432.2	440.1	477.6	451.1	430.3	:
Energy intensity of service sector:							
Final consumption / gross value-added mp		34.0	33.0	34.0	33.9	33.1	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	11 576	11 818	11 802	11 693	11 985	12 295
Final energy consumption / capita		7 580	7 512	7 699	7 678	7 663	7 497
Household consumption / capita		2 160	2 200	2 303	2 281	2 139	2 088
Final electricity consumption / capita	kWh/cap.	24 771	25 448	26 235	26 139	26 703	26 563
Energy dependency							
Net energy imports / Gross consumption	in %	31.2	27.7	27.9	27.1	30.0	28.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.5	63.6	65.2	65.7	63.9	61.0
Efficiency of thermal power stations		25.3	23.1	27.9	27.2	27.3	23.7


2. Energy balance

Principal aggregates by product


 eurostat	ISLAND					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	2 306	2 451	2 462	2 457	2 519	2 636
among which:						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	547	566	600	609	613	604
Biomass	2	1	2	2	2	3
Imports						
Total	1 030	942	963	932	1 065	1 057
among which:						
Hard coal	68	66	66	57	70	78
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	931	847	865	839	960	956
Natural Gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Exports						
Total	-	-	-	-	-	-
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Gross inland consumption						
Total	3 230	3 349	3 382	3 373	3 483	3 610
among which:						
Solid fuels	100	94	98	93	105	101
Crude oil and petrol. prod.	824	804	822	823	859	873
Natural gas	-	-	-	-	-	-
Nuclear Energy	-	-	-	-	-	-
Renewables	2 306	2 451	2 462	2 457	2 519	2 636
Transformation input						
Total	1 132	1 269	1 271	1 222	1 262	1 448
among which:						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	1	1	1	1	1	1
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	1 131	1 268	1 270	1 221	1 261	1 447
Transformation output						
Total	307	313	376	353	366	365
among which:						
Electricity	114	125	124	121	128	143
Heat	192	188	252	232	238	222

eurostat	in 1 000 toe	ISLAND					
		2000	2001	2002	2003	2004	2005
Final energy consumption							
Total		2 115	2 129	2 207	2 215	2 227	2 201
<i>among which:</i>	Solid fuels	100	94	98	93	105	101
	Petroleum products	700	670	683	689	711	715
	Natural Gas	-	-	-	-	-	-
	Renewables	548	574	552	576	535	516
	Electricity	594	620	647	648	667	671
Final energy consumption by sector							
Industry							
Total		720	752	786	775	797	764
<i>among which:</i>	Solid fuels	100	94	98	93	105	101
	Petroleum Products	112	125	132	122	128	121
	Natural Gas	-	-	-	-	-	-
	Renewables	58	58	55	55	55	36
	Electricity	451	475	501	504	509	506
Transport							
Total		345	329	316	319	345	360
<i>among which:</i>	Motor spirit	151	152	153	153	158	158
	Diesel oil	52	53	54	55	63	63
	Jet fuel	141	121	107	109	124	140
	Electricity	-	-	-	-	-	-
Services&households							
Total		1 051	1 048	1 105	1 122	1 085	1 077
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Gas oil	227	194	223	234	235	220
	Natural Gas	-	-	-	-	-	-
	Renewables	490	516	497	521	480	480
	Electricity	144	146	146	144	158	164
	Heat	173	170	227	209	209	199


3.1 Electricity balance

 eurostat	in GWh	ISLAND					
		2000	2001	2002	2003	2004	2005
Generation							
Total gross generation		7 684	8 033	8 416	8 500	8 623	8 686
<i>among which:</i>							
Hydro		6 356	6 578	6 977	7 088	7 134	7 019
Wind		-	-	-	-	-	-
Geothermal		1 323	1 451	1 433	1 406	1 483	1 658
Nuclear		-	-	-	-	-	-
Conventional thermal		5	4	6	6	6	9
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		5	4	6	-	4	5
Natural gas		-	-	-	-	-	-
Derived gases		-	-	-	-	-	-
Biomass		-	-	-	-	2	4
Industrial wastes		-	-	-	6	-	-
Total net generation		7 554	7 892	8 272	8 356	8 475	8 513
Imports and exports							
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Consumption and losses							
Consumption of the energy branch		457	468	477	469	481	506
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		316	353	420	490	382	381
Final energy consumption		6 911	7 212	7 519	7 541	7 760	7 799
<i>of which:</i>							
Industry		5 240	5 519	5 822	5 867	5 917	5 889
<i>among which:</i>							
Iron&steel industry		984	998	1 039	1 050	1 031	981
Non-ferrous metals		3 605	3 887	4 170	4 180	4 202	4 211
Chemical industry		108	87	29	20	20	19
Non-met. mineral prod.		45	44	32	31	41	45
Food, drink, tobacco		392	390	428	478	466	442
Pulp, paper and print		19	18	16	15	17	16
Engineering & metal		14	14	17	14	15	16
Other industries		40	47	59	48	98	145
Transport		-	-	-	-	-	-
Services & households etc.		1 671	1 693	1 697	1 674	1 843	1 910
<i>among which:</i>							
Households		606	608	637	612	672	690


3.2 Electrical capacity, fuel inputs and heat


		ISLAND					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	1 383	1 460	1 505	1 507	1 508	1 538
<i>by source:</i>							
Conventional thermal		147	149	149	150	143	143
<i>of which:</i>							
Steam		-	-	-	-	-	-
Gas turbine		35	35	35	35	35	35
Combined cycle		-	-	-	-	-	-
Internal combustion		112	114	114	115	108	108
Nuclear		-	-	-	-	-	-
Hydro		1 064	1 109	1 154	1 155	1 163	1 163
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		172	202	202	202	202	232
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		1 352	1 429	1 474	1 476	1 477	1 507
Autoproducers		31	31	31	31	31	31
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	1 109	1 246	1 247	1 198	1 238	1 418
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		1	1	1	1	1	1
Natural gas		-	-	-	-	-	-
Renewables		1 108	1 245	1 246	1 197	1 237	1 417
Heating plants		23	22	24	24	24	30
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		23	22	24	24	24	30
Heat production and consumption							
Total heat production	TJ	192	188	252	232	238	222
<i>among which: in heating plants</i>							
		26	25	28	28	27	29
Heat consumption		173	170	227	209	209	199
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		173	170	227	209	209	199
<i>among which: in households</i>							
		147	144	197	180	180	170

4.1 Crude oil and feedstocks


 eurostat	ISLAND						
	in 1 000 t	2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production	-	-	-	-	-	-	-
Total imports	-	-	-	-	-	-	-
Total exports	-	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-	-
Refinery intake	-	-	-	-	-	-	-
Imports of Crude Oil by origin							
<i>by region of origin:</i>							
OPEC	-	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-	-
Africa	-	-	-	-	-	-	-
<i>by country of origin:</i>							
Algeria	-	-	-	-	-	-	-
Irak	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	ISLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	-	-	-	-	-	-
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Total imports	949	871	891	864	986	983
Total exports	-	-	-	-	-	-
Bunkers	68	46	66	67	70	64
Stock changes	-37	3	24	52	-31	-19
Gross inland consumption	844	828	849	849	885	900
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	271	161	104	90	141	112
United Kingdom	90	36	30	26	31	33
Norway	269	197	145	124	461	261
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	153	139	145	140	153	164
Kerosene and jet fuel	147	117	105	110	124	139
Gas/diesel oil	428	369	387	384	466	418
Residual fuel oil	64	77	76	58	55	63
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	1	1	1	1	1	1
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	155	167	176	170	186	197
Final energy consumption	688	660	673	678	698	702
Industry						
<i>among which by product:</i>						
Gas/diesel oil	66	66	63	65	85	86
Residual fuel oil	46	60	70	58	43	35

 eurostat	ISLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	7	7	7	7	7	7
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	-	-	-	-	-	-
Food, drink, tobacco	50	65	75	62	51	45
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	56	55	52	55	71	70
Transport	333	318	305	308	333	348
<i>among which:</i>						
Motor spirit	144	145	146	146	150	150
Jet fuel	137	118	104	106	121	136
Diesel oil	51	52	53	54	62	62
Services & households etc.	242	215	234	246	236	232
<i>among which:</i>						
Gas oil	225	192	221	232	233	218
Residual fuel oil	16	22	12	13	2	13
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-


5. Natural gas

 eurostat	<i>in TJ (GCV)</i>	ISLAND					
		2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production		-	-	-	-	-	-
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Stock changes		-	-	-	-	-	-
Gross inland consumption		-	-	-	-	-	-
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Distribution losses		-	-	-	-	-	-
Non-energy use		-	-	-	-	-	-
Industry		-	-	-	-	-	-
<i>among which:</i>							
Iron&steel industry		-	-	-	-	-	-
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		-	-	-	-	-	-
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		-	-	-	-	-	-
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		-	-	-	-	-	-
Other industries		-	-	-	-	-	-
Transport		-	-	-	-	-	-
Services & households etc.		-	-	-	-	-	-
<i>among which:</i>							
Households		-	-	-	-	-	-
Services		-	-	-	-	-	-


6.1 Hard coal

 eurostat	ISLAND					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	101	98	98	85	104	117
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	101	98	98	85	104	117
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	-	-	-	-	-	-
South Africa	-	-	-	-	-	-
USA	48	-	-	-	-	9
Consumption						
Inputs to electricity plants						
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	87	84	85	74	86	103
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	14	14	13	11	18	14
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

	ISLAND					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	47	42	48	53	52	33
<i>among which:</i>						
Iron & steel industry	47	42	48	53	52	33
Services & households	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	-	-	-	-	-	-
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	-	-	-	-	-	-

7. Renewable energy sources

		ISLAND					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	2 306	2 451	2 462	2 457	2 519	2 636
Hydro (excl. pumping)		547	566	600	609	613	604
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		1 758	1 884	1 861	1 846	1 904	2 030
Biomass		2	1	2	2	2	3
<i>among which:</i>							
Wood, wood-waste		-	-	-	-	-	-
Municipal solid waste		2	1	2	2	2	2
Biogas		-	-	-	-	1	1
Gross inland consumption		2 306	2 451	2 462	2 457	2 519	2 636
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		1 129	1 267	1 268	1 219	1 259	1 444
Biomass		2	1	2	2	2	3
<i>among which:</i>							
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		2	1	2	2	2	2
Biogas		-	-	-	-	1	1
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	548	574	552	576	535	516
<i>by sector:</i>							
Industry		58	58	55	55	55	36
Services & households etc.		490	516	497	521	480	480
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		-	-	-	-	-	-
<i>among which:</i>							
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		548	574	552	576	535	516
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		19	19	34	35	32	40
Hydro with installed capacity > 1 & <10 MW		228	224	220	220	265	236
Hydro with installed capacity > 10 MW		6 109	6 335	6 723	6 833	6 838	6 744
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-

eurostat		ISLAND					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		7	7	9	9	13	10
Hydro with installed capacity > 1 & <10 MW		39	39	39	39	43	46
Hydro with installed capacity > 10 MW		1 018	1 063	1 107	1 107	1 107	1 107
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-


1. Energy economy

Key figures and energy indicators

eurostat		NORGE					
		2000	2001	2002	2003	2004	2005
Energy statistics							
Primary energy production	1000 toe	224 491	228 408	233 103	235 503	237 973	233 565
Net energy imports		-197 835	-202 843	-208 198	-206 679	-209 625	-200 264
Net oil imports		-154 618	-159 572	-151 640	-145 364	-144 284	-127 719
Net gas imports		-42 185	-43 467	-55 056	-60 948	-65 344	-71 120
Gross inland energy consumption		26 071	26 898	24 296	27 202	28 249	32 190
Final energy consumption		18 115	18 585	18 287	17 972	18 429	18 560
Industry		7 007	6 792	6 324	6 359	6 681	6 606
Transport		4 478	4 590	4 607	4 675	4 840	4 924
Services and households etc.		6 630	7 203	7 357	6 938	6 909	7 030
Gross electricity generation	GWh	143 028	121 890	130 705	107 405	110 699	138 108
Final electricity consumption		109 533	112 188	109 113	103 154	107 915	111 915
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	136 429	139 144	141 234	142 665	148 178	152 159
Population	1000 per.	4 479	4 503	4 524	4 552	4 578	4 606
Industry added value	Mio EUR	37 435	37 804	38 108	38 177	39 050	39 318
Total imports (current prices)	Mio EUR	48 375	49 216	49 705	50 391	54 841	59 573
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	191.1	193.3	172.0	190.7	190.6	211.6
Final energy consumption / GDP(95)		132.8	133.6	129.5	126.0	124.4	122.0
Energy intensity of industry:							
Final consumption / gross value-added mp		187.2	179.7	165.9	166.6	171.1	168.0
Energy intensity of service sector:							
Final consumption / gross value-added mp		26.5	30.8	32.1	29.1	28.4	28.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	5 821	5 973	5 370	5 975	6 171	6 988
Final energy consumption / capita		4 045	4 127	4 042	3 948	4 026	4 029
Household consumption / capita		854	884	882	837	820	823
Final electricity consumption / capita	kWh/cap.	24 458	24 912	24 118	22 660	23 575	24 296
Energy dependency							
Net energy imports / Gross consumption	in %	-735.8	-732.3	-834.3	-744.6	-728.9	-609.1
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	69.5	69.1	75.3	66.1	65.2	57.7
Efficiency of thermal power stations		-	-	-	-	-	-


2. Energy balance

Principal aggregates by product


 eurostat	NORGE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Primary production						
Total	224 491	228 408	233 103	235 503	237 973	233 565
among which:						
Hard coal	425	1 200	1 431	1 976	1 949	987
Lignite and peat	-	-	-	-	-	-
Crude oil	164 957	166 479	159 968	156 890	154 974	143 303
Natural Gas	45 817	48 892	59 166	66 270	70 419	76 281
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	11 945	10 354	11 128	9 081	9 361	11 676
Biomass	1 344	1 480	1 404	1 267	1 248	1 274
Imports						
Total	5 558	6 230	5 604	6 279	6 540	5 653
among which:						
Hard coal	617	554	440	450	514	448
Crude oil and feedstocks	926	955	650	560	545	809
Petroleum products	3 513	3 458	3 786	3 799	3 820	3 800
Natural Gas	-	-	-	-	-	-
Electricity	127	924	459	1 154	1 316	314
Exports						
Total	203 392	209 073	213 803	212 958	216 165	205 917
among which:						
Crude oil and feedstocks	149 774	155 100	142 582	135 607	134 357	117 196
Petroleum products	9 283	8 885	13 494	14 115	14 293	15 133
Natural gas	42 185	43 467	55 056	60 948	65 344	71 120
Electricity	1 765	617	1 294	477	331	1 350
Gross inland consumption						
Total	26 071	26 898	24 296	27 202	28 249	32 190
among which:						
Solid fuels	1 079	946	813	789	927	777
Crude oil and petrol. prod.	9 691	8 353	7 633	9 980	10 585	14 261
Natural gas	3 632	5 425	4 110	5 321	5 075	5 160
Nuclear Energy	-	-	-	-	-	-
Renewables	13 296	11 849	12 557	10 423	10 662	13 015
Transformation input						
Total	15 709	15 020	13 947	15 636	15 019	16 455
among which:						
Crude oil and feedstocks	15 440	14 706	13 645	15 248	14 619	16 073
Petroleum products	17	19	35	60	22	16
Hard coal	16	17	16	14	18	17
Lignite and peat	-	-	-	-	-	-
Renewables	154	166	169	219	234	228
Transformation output						
Total	15 849	14 446	13 634	15 334	14 792	16 171
among which:						
Electricity	63	72	68	83	92	89
Heat	175	206	218	258	263	270

eurostat	NORGE					
	in 1 000 toe					
	2000	2001	2002	2003	2004	2005
Final energy consumption						
Total	18 115	18 585	18 287	17 972	18 429	18 560
<i>among which:</i> Solid fuels	1 007	842	776	749	838	715
Petroleum products	6 162	6 425	6 555	6 864	6 825	6 701
Natural Gas	174	170	138	182	213	226
Renewables	1 195	1 326	1 254	1 103	1 047	1 065
Electricity	9 418	9 646	9 382	8 870	9 279	9 623
Final energy consumption by sector						
Industry						
Total	7 007	6 792	6 324	6 359	6 681	6 606
<i>among which:</i> Solid fuels	1 004	839	773	747	836	714
Petroleum Products	754	808	779	897	811	748
Natural Gas	172	161	128	170	190	184
Renewables	592	708	535	399	383	400
Electricity	4 434	4 241	4 075	4 107	4 409	4 511
Transport						
Total	4 478	4 590	4 607	4 675	4 840	4 924
<i>among which:</i> Motor spirit	1 683	1 746	1 728	1 709	1 699	1 642
Diesel oil	1 994	2 034	2 078	2 208	2 306	2 448
Jet fuel	653	640	639	523	603	635
Electricity	133	163	155	143	127	133
Services&households						
Total	6 630	7 203	7 357	6 938	6 909	7 030
<i>among which:</i> Solid fuels	3	3	3	2	2	1
Gas oil	914	1 026	1 145	1 230	1 112	999
Natural Gas	1	6	7	6	15	32
Renewables	602	618	719	704	664	665
Electricity	4 852	5 243	5 152	4 620	4 743	4 979
Heat	109	141	148	165	174	183


3.1 Electricity balance

 eurostat	NORGE					
	in GWh					
	2000	2001	2002	2003	2004	2005
Generation						
Total gross generation	143 028	121 890	130 705	107 405	110 699	138 108
<i>among which:</i>						
Hydro	142 266	121 026	129 837	106 216	109 373	136 572
Wind	31	27	75	218	252	506
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	731	837	793	971	1 074	1 030
<i>of which:</i>						
Hard coal	40	41	41	42	43	43
Lignite and peat	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	211	270	198	299	374	355
Derived gases	116	216	92	88	63	90
Biomass	173	190	282	398	421	379
Industrial wastes	191	120	180	144	173	163
Total net generation	142 351	121 219	130 103	106 916	109 930	137 003
Imports and exports						
Total imports	1 474	10 745	5 335	13 422	15 309	3 652
Total exports	20 529	7 174	15 046	5 548	3 854	15 695
Consumption and losses						
Consumption of the energy branch	-615	347	2 196	2 153	2 764	3 527
<i>of which:</i>						
Consumption for pumped-storage	-2 677	-1 921	243	259	218	333
Network losses	11 703	10 200	9 263	9 368	10 965	9 847
Final energy consumption	109 533	112 188	109 113	103 154	107 915	111 915
<i>of which:</i>						
Industry	51 566	49 324	47 397	47 763	51 277	52 467
<i>among which:</i>						
Iron&steel industry	7 884	7 097	6 352	5 927	6 885	6 302
Non-ferrous metals	19 205	19 103	18 809	20 599	22 418	24 014
Chemical industry	7 760	7 499	6 808	6 834	7 093	7 252
Non-met. mineral prod.	904	833	843	834	853	901
Food, drink, tobacco	3 128	3 105	2 920	2 743	2 956	2 813
Pulp, paper and print	7 708	6 793	6 788	6 436	6 753	6 765
Engineering & metal	2 180	2 097	2 200	1 909	1 925	1 962
Other industries	2 077	2 115	2 037	1 830	1 748	1 795
Transport	1 542	1 890	1 804	1 660	1 476	1 547
Services & households etc.	56 425	60 974	59 912	53 731	55 162	57 901
<i>among which:</i>						
Households	34 641	35 876	34 647	32 023	32 405	33 504


3.2 Electrical capacity, fuel inputs and heat


		NORGE					
		2000	2001	2002	2003	2004	2005
Net electrical capacity							
Total installed capacity	MW	28 409	27 960	28 248	28 421	27 924	28 924
<i>by source:</i>							
Conventional thermal		270	268	237	248	260	301
<i>of which:</i>							
Steam		222	212	181	190	199	:
Gas turbine		35	35	35	42	39	:
Combined cycle		-	-	-	-	-	:
Internal combustion		13	13	21	16	22	:
Nuclear		-	-	-	-	-	-
Hydro		28 126	27 679	27 914	28 076	27 512	28 358
<i>among which:</i>							
Pumped storage		695	1 360	1 652	1 318	1 424	:
Wind		13	13	97	97	152	265
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		26 300	26 516	27 309	27 504	27 005	:
Autoproducers		2 332	2 351	974	952	954	:
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	135	149	147	185	212	200
<i>among which:</i>							
Hard coal		16	17	16	14	18	17
Lignite and peat		-	-	-	-	-	-
Petroleum products		1	1	2	3	1	3
Natural gas		27	35	25	39	48	46
Renewables		85	81	84	112	130	122
Heating plants		99	119	132	176	138	137
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		16	18	33	57	21	13
Natural gas		3	2	3	6	5	7
Renewables		69	85	85	107	104	106
Heat production and consumption							
Total heat production	TJ	175	206	218	258	263	270
<i>among which: in heating plants</i>		121	152	158	168	143	150
Heat consumption		128	159	171	190	199	209
<i>of which: in industry</i>		19	18	24	25	25	26
<i>in households and services</i>		109	141	148	165	174	183
<i>among which: in households</i>		20	28	29	32	36	37

4.1 Crude oil and feedstocks


 eurostat	NORGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	160 990	162 536	156 716	153 616	151 779	140 134
Total imports	904	932	637	548	534	791
Total exports	146 172	151 426	139 684	132 777	131 587	114 604
Stock changes	-65	2 004	-62	-886	289	-429
Refinery intake	15 076	14 367	13 372	14 936	14 324	15 728
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	239	454	175	253	253	155
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products


 eurostat	NORGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Production and supply						
Total refinery output	15 196	13 773	13 035	14 645	14 093	15 424
<i>among which:</i>						
Motor spirit	3 385	3 287	2 920	3 546	3 261	3 829
Kerosene and jet fuel	812	665	582	611	651	787
Naphtha	1 161	920	1 126	1 135	1 192	1 366
Gas/diesel oil	6 916	6 478	6 010	6 635	6 241	6 835
Residual fuel oil	1 703	1 647	1 503	1 702	1 845	1 610
Total imports	3 626	3 596	3 891	3 925	3 957	3 942
Total exports	9 108	8 667	12 815	13 509	13 620	14 409
Bunkers	828	812	666	565	518	698
Stock changes	232	195	22	-75	104	-196
Gross inland consumption	-6 078	-5 688	-9 568	-10 224	-10 077	-11 361
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	136	91	113	179	85	89
United Kingdom	663	856	796	660	681	951
Norway	-	-	-	-	-	-
OPEC	1	-	33	-	21	-
Imports by product						
<i>among which:</i>						
Motor spirit	622	407	434	310	425	313
Kerosene and jet fuel	207	233	601	285	265	163
Gas/diesel oil	649	917	536	777	819	576
Residual fuel oil	1 039	1 135	1 065	1 437	1 419	1 705
Exports by product						
<i>among which:</i>						
Motor spirit	2 016	2 214	2 047	2 411	2 168	2 512
Kerosene and jet fuel	216	118	116	101	99	151
Gas/diesel oil	3 459	3 005	2 443	2 727	2 725	2 458
Residual fuel oil	1 544	1 211	1 546	1 809	1 739	1 727
Consumption						
Inputs to electricity plants	1	1	2	3	1	3
Inputs to heating plants	16	18	33	56	21	13
Non-energy use	1 498	1 793	1 889	2 118	1 901	1 911
Final energy consumption	6 020	6 280	6 404	6 710	6 671	6 550
Industry						
<i>among which by product:</i>						
Gas/diesel oil	368	353	356	409	344	315
Residual fuel oil	180	251	201	233	224	219

 eurostat	NORGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Industry						
<i>among which by sector:</i>						
Iron&steel industry	13	15	15	21	12	13
Non-ferrous metals	69	55	40	58	38	33
Chemical industry	153	152	141	150	133	117
Non-met. mineral prod.	76	68	70	91	127	125
Food, drink, tobacco	115	107	119	171	106	83
Pulp, paper and print	97	151	136	153	150	131
Engineering & metal	28	47	45	56	38	38
Other industries	147	153	151	136	139	146
Transport	4 226	4 303	4 327	4 410	4 585	4 661
<i>among which:</i>						
Motor spirit	1 601	1 661	1 644	1 626	1 617	1 562
Jet fuel	636	623	622	509	587	618
Diesel oil	1 974	2 013	2 057	2 185	2 282	2 423
Services & households etc.	1 049	1 176	1 309	1 420	1 291	1 154
<i>among which:</i>						
Gas oil	905	1 016	1 133	1 217	1 101	989
Residual fuel oil	1	3	1	5	7	6
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-


5. Natural gas

 eurostat	in TJ (GCV)	NORGE					
		2000	2001	2002	2003	2004	2005
Primary production and supply							
Primary production		2 131 427	2 274 458	2 752 407	3 082 859	3 275 892	3 548 570
Total imports		-	-	-	-	-	-
Total exports		1 962 454	2 022 071	2 561 226	2 835 323	3 039 795	3 308 519
Stock changes		-	-	-	-	-	-
Gross inland consumption		168 973	252 387	191 181	247 536	236 097	240 051
Imports							
Imports by origin							
<i>among which:</i>							
Algeria		-	-	-	-	-	-
Egypt		-	-	-	-	-	-
Libya		-	-	-	-	-	-
Nigeria		-	-	-	-	-	-
Norway		-	-	-	-	-	-
Oman		-	-	-	-	-	-
Qatar		-	-	-	-	-	-
Russia		-	-	-	-	-	-
Consumption							
Inputs to electricity plants		1 269	1 622	1 186	1 793	2 244	2 142
Inputs to heat plants		126	105	123	290	227	321
Consumption of energy branch		140 101	137 442	142 428	149 119	159 390	194 351
Distribution losses		-	-	-	-	-	-
Non-energy use		19 392	23 135	17 074	24 173	27 467	24 191
Industry		8 006	7 481	5 951	7 901	8 819	8 568
<i>among which:</i>							
Iron&steel industry		-	-	-	-	40	74
Non-ferrous metals		796	1 181	1 149	1 199	1 260	1 835
Chemical industry		6 729	5 861	4 038	6 131	6 016	4 668
Non-met. mineral prod.		-	-	-	-	65	79
Food, drink, tobacco		345	277	337	145	759	943
Pulp, paper and print		-	-	278	261	406	330
Engineering & metal		15	53	7	25	51	319
Other industries		121	107	135	127	111	114
Transport		24	113	136	285	427	475
Services & households etc.		55	296	322	289	676	1 471
<i>among which:</i>							
Households		5	95	91	95	133	240
Services		50	201	231	194	274	495


6.1 Hard coal

 eurostat	NORGE					
	in 1 000 t					
	2000	2001	2002	2003	2004	2005
Primary production and supply						
Primary production	632	1 788	2 132	2 944	2 904	1 471
Total imports	920	825	655	671	766	667
Total exports	574	1 497	2 050	2 697	2 741	1 666
Stock changes	58	-201	81	-106	-15	323
Gross inland consumption	1 036	915	818	812	914	795
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	102	125	88	101	105	97
Russia	82	38	27	113	70	39
South Africa	-	-	-	-	-	-
USA	21	38	24	8	33	17
Consumption						
Inputs to electricity plants	23	26	24	20	27	25
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	960	850	753	730	812	691
<i>among which:</i>						
Iron&steel industry	467	389	346	313	386	314
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	223	205	161	175	210	185
Non-met. mineral prod.	266	252	246	242	216	192
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	2	1	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	3	3	2	1	2	-

6.2 Coal derivatives and peat

	NORGE					
	2000	2001	2002	2003	2004	2005
Production						
Solid fuels	<i>in 1 000 t</i>					
Coke	-	-	-	-	-	-
Patent Fuel	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	2 030	1 927	1 608	1 530	2 068	1 846
Gasworks gas	-	-	-	-	-	-
Consumption						
Solid fuels	<i>in 1 000 t</i>					
Coke	530	396	396	380	429	369
<i>among which:</i>						
Iron & steel industry	461	323	343	328	378	315
Services & households	1	1	3	2	1	1
Patent Fuel	-	-	-	-	-	-
<i>among which:</i>						
Services & households	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Brown coal briquettes	-	-	-	-	-	-
<i>among which:</i>						
Industry	-	-	-	-	-	-
Services & households	-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>					
Coke-oven gas	-	-	-	-	-	-
Blast-furnace gas	1 281	699	432	591	1 158	915
Gasworks gas	-	-	-	-	-	-
Inputs to electricity plants	255	429	475	451	323	464
Inputs to heat plants	10	22	11	2	11	22
Consumption of energy branch	-	-	-	-	-	-
Consumption in industry	1 281	699	432	591	1 158	915

7. Renewable energy sources

		NORGE					
		2000	2001	2002	2003	2004	2005
Primary production							
Total primary production	<i>in 1000 toe</i>	13 291	11 836	12 539	10 367	10 630	12 994
Hydro (excl. pumping)		11 945	10 354	11 128	9 081	9 361	11 676
Wind		3	2	6	19	22	44
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		1 344	1 480	1 404	1 267	1 248	1 274
<i>among which:</i>							
Wood, wood-waste		1 194	1 337	1 244	1 059	1 042	1 062
Municipal solid waste		124	120	134	182	182	186
Biogas		26	23	26	26	24	25
Gross inland consumption		13 296	11 849	12 557	10 423	10 662	13 015
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		154	166	169	219	234	228
<i>among which:</i>							
Wood, wood-waste		35	49	52	56	67	70
Municipal waste		119	117	116	163	167	157
Biogas		0	0	0	0	0	0
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	1 195	1 326	1 254	1 103	1 047	1 065
<i>by sector:</i>							
Industry		592	708	535	399	383	400
Services & households etc.		602	618	719	704	664	665
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		1 195	1 326	1 254	1 103	1 047	1 065
<i>among which:</i>							
Wood, wood-waste		1 165	1 301	1 211	1 058	1 008	1 011
Municipal waste		5	3	18	19	15	29
Biogas		25	23	26	26	24	25
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		234	202	213	139	230	286
Hydro with installed capacity > 1 & <10 MW		4 317	3 742	4 443	3 254	4 479	5 594
Hydro with installed capacity > 10 MW		134 364	116 473	124 593	102 219	104 154	129 915
Wood, Wood-waste		226	197	216	263	297	293
Municipal waste		60	116	68	135	124	86
Biogas		-	-	-	-	-	-

eurostat		NORGE					
		2000	2001	2002	2003	2004	2005
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		6	6	6	-	-	-
Hydro with installed capacity < 1 MW		48	48	44	45	49	-
Hydro with installed capacity > 1 & <10 MW		843	843	851	915	950	-
Hydro with installed capacity > 10 MW		25 875	25 428	25 367	25 021	26 513	-
Wood, Wood-waste		141	35	101	107	95	-
Municipal waste		-	-	-	26	26	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

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Energy

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