

Energy

Yearly statistics 2006

2008 edition

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CONVERSION COEFFICIENTS

used in the 'Energy supplied' balance-sheet

		kJ(NCV/PCI)	kgoe (NCV)/kgep (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
—	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

		EU-27					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	932 987	933 220	927 211	923 067	891 431	871 247
Net energy imports		857 454	858 213p	904 530p	940 958p	986 189p	1 010 137p
Net oil imports		556 754	542 650	564 805	579 675	599 981	608 033
Net gas imports		191 200	207 682	223 509	235 303	257 366	266 236
Gross inland energy consumption		1 762 453p	1 757 782p	1 802 858p	1 823 609p	1 825 679p	1 825 181p
Final energy consumption		1 139 832p	1 126 277p	1 158 170p	1 171 449p	1 172 363p	1 176 120p
Industry		331 007p	326 264p	332 013p	332 507p	325 641p	324 270p
Transport		343 056	345 986p	351 323	359 780	362 392p	370 304p
Services and households etc.		465 769	454 028p	474 834	479 161	484 330p	481 547p
Gross electricity generation	GWh	3 108 480	3 117 112	3 216 032	3 287 571	3 309 106	3 357 958
Final electricity consumption		2 590 396	2 597 998	2 665 325	2 720 074	2 757 679p	2 813 437p
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	8 208 568	8 300 717	8 397 626	8 599 411	8 753 634	9 015 573
Population	1000 per.	483 782	484 613	486 618	488 757	491 023	492 976
Industry added value	Mio EUR	:	:	:	:	:	:
Total imports (current prices)	Mio EUR	3 088 410	3 132 043	3 238 704	3 481 668	3 695 296	4 023 837
among which:							
All energy commodities		:	:	:	:	:	:
Oil products		:	:	:	:	:	:
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	214.7	211.8	214.7	212.1	208.6	202.4
Final energy consumption / GDP(95)		138.9	135.7	137.9	136.2	133.9	130.5
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.	3 643	3 627	3 705	3 731	3 718	3 702
Final energy consumption / capita		2 356	2 324	2 380	2 397	2 388	2 386
Household consumption / capita		619	603	623	626	628	617
Final electricity consumption / capita	kWh/cap.	5 354	5 361	5 477	5 565	5 616	5 707
Energy dependency							
Net energy imports / Gross consumption	in %	47.5	47.6	48.9	50.3	52.6	53.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.7	64.1	64.2	64.2	64.2	64.4
Efficiency of thermal power stations		45.8	45.3	45.3	45.7	46.8	46.8

2. Energy balance

Principal aggregates by product

		EU-27					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		932 987	933 220	927 211	923 067	891 431	871 247
<i>among which:</i>	Hard coal	114 263	110 792	109 349	103 723	99 180	93 511
	Lignite and peat	96 353	99 234	99 560	97 512	95 912	96 913
	Crude oil	158 768	161 546	151 579	140 892	128 359	116 749
	Natural Gas	208 169	204 288	199 809	203 242	188 829	179 405
	Nuclear heat	252 533	255 425	256 886	260 130	257 360	255 342
	Hydro-electricity	32 046	27 120	26 332	27 828	26 395	26 515
	Biomass	62 989	65 291	71 538	76 395	80 847	87 293
Imports							
Total		1 297 963	1 306 673p	1 348 139p	1 408 309p	1 457 058p	1 494 452p
<i>among which:</i>	Hard coal	134 459	127 782	133 422	146 432	145 143	156 274
	Crude oil and feedstocks	634 032	623 662	638 951	660 647	660 530	659 005
	Petroleum products	247 471	251 950	255 039	268 227	294 041	306 944
	Natural Gas	246 929	267 027	282 509	296 123	317 468	332 640
	Electricity	22 259	24 498	24 969	24 124	27 886	26 677
Exports							
Total		440 509	448 461	443 609	467 352	470 870	484 315
<i>among which:</i>	Crude oil and feedstocks	106 873	110 319	98 597	90 028	78 536	71 942
	Petroleum products	217 876	222 644	230 587	259 171	276 053	285 974
	Natural gas	55 729	59 344	59 001	60 819	60 102	66 404
	Electricity	21 843	23 427	25 116	24 756	26 913	26 377
Gross inland consumption							
Total		1 762 453p	1 757 782p	1 802 858p	1 823 609p	1 825 679p	1 825 181p
<i>among which:</i>	Solid fuels	321 902	320 914p	331 903p	329 906p	319 922p	325 228p
	Crude oil and petrol. prod.	674 954	668 244	674 780	676 697	677 010	673 473
	Natural gas	404 083	405 956	425 915	435 722	446 150	437 935
	Nuclear Energy	252 533	255 425	256 886	260 130	257 360	255 342
	Renewables	101 945	100 495	107 937	116 179	120 606	129 151
Transformation input							
Total		1 465 665p	1 471 265p	1 507 853	1 527 604	1 520 681	1 527 805
<i>among which:</i>	Crude oil and feedstocks	735 738	732 644	744 903	759 436	758 172	754 736
	Petroleum products	41 588	40 886p	37 530	31 309	31 521	28 697
	Hard coal	189 348	188 084	197 594	196 926	188 882	197 770
	Lignite and peat	95 363	95 561	97 280	95 640	93 621	94 274
	Renewables	19 561	21 613	26 328	29 978	32 745	36 108
Transformation output							
Total		1 067 291p	1 064 597p	1 089 715p	1 107 198p	1 108 685p	1 109 743p
<i>among which:</i>	Electricity	230 371	235 013	243 585	246 854	248 999	252 115
	Heat	49 460p	47 429p	48 706p	47 223p	49 204p	49 266p

		EU-27					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		1 139 832p	1 126 277p	1 158 170p	1 171 449p	1 172 363p	1 176 120p
<i>among which:</i>	Solid fuels	59 444	56 312p	55 476p	55 848p	54 486p	55 479p
	Petroleum products	492 074	486 075p	494 279	500 184	497 904	496 657
	Natural Gas	263 002	259 526	274 879	276 137	274 909p	269 558
	Renewables	47 979	48 676	50 997	53 167	55 180	59 128
	Electricity	222 734	223 388	229 177	233 884	237 118p	241 912p
Final energy consumption by sector							
Industry							
Total		331 007p	326 264p	332 013p	332 507p	325 641p	324 270p
<i>among which:</i>	Solid fuels	46 282	43 726p	43 889p	44 491p	43 513p	42 947p
	Petroleum Products	52 587	50 158p	50 714	52 533	49 103	47 302
	Natural Gas	101 498	101 301	104 416	99 410	96 878p	94 997
	Renewables	15 223	15 870	15 807	16 307	16 471	17 302
	Electricity	93 610	93 902	94 796	97 140	97 253p	98 261p
Transport							
Total		343 056	345 986p	351 323	359 780	362 392p	370 304p
<i>among which:</i>	Motor spirit	129 300	127 692p	123 736	120 567	114 297	110 207
	Diesel oil	157 306	162 133p	169 287	177 672	182 885	190 201
	Jet fuel	44 312	43 595p	44 977	47 330	49 703	51 719
	Electricity	6 128	6 160	6 219	6 294	6 370p	6 236p
Services&households							
Total		465 769	454 028p	474 834	479 161	484 330p	481 547p
<i>among which:</i>	Solid fuels	13 130	12 556	11 582	11 351	10 968	12 533
	Gas oil	84 600	79 289p	80 859	77 606	77 487	74 132
	Natural Gas	161 000	157 771	170 006	176 265	177 524p	173 978
	Renewables	32 001	31 819	33 839	34 883	35 579	36 451
	Electricity	122 996	123 326	128 162	130 449	133 495p	137 414p
	Heat	32 653	30 876	30 849	29 477	30 211p	29 799p

3.1 Electricity balance

<i>in GWh</i>	EU-27					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	3 108 480	3 117 112	3 216 032	3 287 571	3 309 106	3 357 958
<i>among which:</i>						
Hydro	402 050	347 929	338 307	357 148	341 388	343 990
Wind	26 977	35 710	44 370	58 815	70 486	81 960
Geothermal	4 612	4 758	5 431	5 521	5 395	5 612
Nuclear	978 985	990 196	995 860	1 008 437	997 699	989 877
Conventional thermal	1 695 663	1 738 238	1 831 602	1 856 925	1 892 683	1 934 024
<i>of which:</i>						
Hard coal	571 643	579 470	622 508	613 718	589 736	614 376
Lignite and peat	365 764	356 210	380 533	368 657	351 815	347 325
Petroleum products	172 774	184 511	162 980	146 180	138 919	131 089
Natural gas	488 938	525 505	566 819	616 050	660 869	676 541
Derived gases	31 853	29 957	30 326	31 087	31 699	30 106
Biomass	42 463	48 529	57 636	68 833	80 098	89 908
Industrial wastes	22 228	14 056	10 800	12 400	39 547	44 679
Total net generation	2 946 294	2 953 435	3 049 172	3 116 494	3 134 141	3 184 037
Imports and exports						
Total imports	258 875	284 907	290 384	280 567	324 311	310 259
Total exports	254 033	272 455	292 104	287 916	313 001	306 769
Consumption and losses						
Consumption of the energy branch	282 194	290 337	300 546	303 238	308 882p	296 714p
<i>of which:</i>						
Consumption for pumped-storage	10 469	14 080	13 533	13 284	13 595p	11 476p
Network losses	211 004	208 444	215 371	223 204	220 337p	216 437p
Final energy consumption	2 590 396	2 597 998	2 665 325	2 720 074	2 757 679p	2 813 437p
<i>of which:</i>						
Industry	1 088 682	1 092 077	1 102 476	1 129 742	1 131 052p	1 142 780p
<i>among which:</i>						
Iron&steel industry	129 979	126 858	129 891	134 456	135 607p	141 936p
Non-ferrous metals	78 369	78 005	79 513	82 777	80 769p	78 877p
Chemical industry	197 147	197 527	195 070	196 700	204 388p	197 606p
Non-met. mineral prod.	80 403	80 606	82 039	84 454	82 839p	85 663p
Food, drink, tobacco	100 895	102 813	105 483	107 604	111 427p	111 562p
Pulp, paper and print	133 751	135 272	136 477	140 967	141 847p	146 828p
Engineering & metal	148 756	149 765	149 938	153 239	155 304p	158 725p
Other industries	163 403	165 359	170 024	176 165	169 957p	172 595p
Transport	71 270	71 635	72 325	73 205	74 084p	72 529p
Services & households etc.	1 430 444	1 434 286	1 490 524	1 517 127	1 552 543p	1 598 128p
<i>among which:</i>						
Households	735 304	738 656	768 350	784 384	799 677p	802 316p

3.2 Electrical capacity, fuel inputs and heat

		EU-27					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	703 963	715 796	728 199	736 639	748 424	761 363p
by source:							
Conventional thermal		410 351	412 350	424 217	427 054	433 242	439 113p
<i>of which:</i>							
Steam		318 194	:	:	:	:	:
Gas turbine		27 420	:	:	:	:	:
Combined cycle		54 044	:	:	:	:	:
Internal combustion		9 520	:	:	:	:	:
Nuclear		137 375	137 968	137 276	136 414	134 994	134 018p
Hydro		138 504	141 739	137 455	138 227	138 991	139 875
<i>among which:</i>							
Pumped storage		36 669	36 566	36 317	33 295	33 304	34 402
Wind		17 146	23 059	28 530	34 288	40 512	47 661
Geothermal		587	680	721	656	685	696
Other		-	-	-	-	-	-
by producer type:							
Public system		658 752	670 228	681 750	685 352p	690 726p	710 939p
Autoproducers		44 424	45 338	46 901	51 340p	53 309p	54 363p
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	391 281p	401 155p	422 731	423 744	423 863	432 074
<i>among which:</i>							
Hard coal		136 659	137 930	146 547	145 018	139 781	145 050
Lignite and peat		90 378	91 389	92 754	90 432	88 484	88 880
Petroleum products		38 464	38 392p	35 378	29 393	29 782	26 703
Natural gas		96 726	102 981	113 128	120 086	125 948	128 333
Renewables		16 825	18 744	23 160	26 695	29 410	32 501
Heating plants		18 882	17 658	17 127	16 182	15 803	16 404
<i>among which:</i>							
Hard coal		4 685	4 293	4 191	4 034	3 677	4 547
Lignite and peat		478	546	592	510	348	336
Petroleum products		2 489	1 820	1 428	1 357	1 196	1 296
Natural gas		7 975	7 675	7 321	6 737	7 063	6 437
Renewables		2 736	2 869	3 168	3 283	3 336	3 607
Heat production and consumption							
Total heat production	1 000 toe	49 460p	47 429p	48 706p	47 223p	49 204p	49 266p
<i>among which: in heating plants</i>							
		16 451	15 296	14 838	13 542	14 093p	13 865p
Heat consumption		41 879p	40 304p	41 049p	39 864p	41 157p	41 293p
<i>of which: in industry</i>							
		9 225p	9 428p	10 200p	10 387p	10 946p	11 494p
<i>in households and services</i>							
		32 653	30 876	30 849	29 477	30 211p	29 799p
<i>among which: in households</i>							
		22 137	20 842	20 782	19 894	20 349p	20 282p

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	EU-27					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	155 665	158 145	148 457	138 079	125 838	114 549
Total imports	623 840	613 816	628 329	649 884	649 729	648 414
Total exports	104 770	107 973	96 585	88 234	77 002	70 614
Stock changes	-1 651	227	-736	-2 932	-110	-1 196
Refinery intake	723 828	720 900	732 387	746 970	745 697	742 539
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	204 882	186 217	204 135	210 556	216 314	213 608
Near and Middle East	137 164	122 298	123 857	122 432	118 736	113 313
Africa	110 872	99 011	106 451	103 779	112 628	111 081
<i>by country of origin:</i>						
Algeria	19 331	17 967	18 639	21 609	22 776	16 538
Irak	20 392	15 963	8 475	12 553	12 290	16 610
Iran	31 412	25 928	34 674	35 945	35 385	36 350
Kazakhstan	9 067	13 368	15 948	22 154	26 386	26 830
Kuwait	7 990	6 384	6 243	6 605	7 621	6 696
Libya	43 780	39 157	45 949	49 988	50 601	53 165
Mexico	9 291	9 668	8 671	8 808	10 647	8 703
Nigeria	25 723	18 440	23 224	14 858	18 618	20 235
Norway	108 121	103 078	106 404	108 627	97 470	89 050
Russia	136 821	154 698	170 828	188 898	188 000	189 031
Saudi Arabia	57 496	53 144	61 535	64 460	60 748	50 876
Syria	19 396	20 587	12 945	9 081	9 027	7 156
United Arab Emirates	354	-	68	84	1 060	1 589

4.2 Petroleum products

<i>in 1 000 t</i>	EU-27					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	713 830	710 500	723 147	737 244	736 376	731 975
<i>among which:</i>						
Motor spirit	149 322	151 337	151 604	155 420	152 496	151 689
Kerosene and jet fuel	43 028	41 530	43 415	46 763	45 092	46 857
Naphtha	45 008	41 039	44 001	42 846	44 025	40 747
Gas/diesel oil	255 040	254 628	259 657	261 005	267 754	266 249
Residual fuel oil	116 696	112 270	112 429	115 872	113 846	112 763
Total imports	246 444	251 308	254 529	267 505	293 271	306 172
Total exports	215 185	219 803	227 818	256 193	273 025	282 805
Bunkers	45 982	46 753	47 140	50 355	52 793	55 730
Stock changes	1 860	2 834	-1 991	1 908	-6 145	-2 120
Gross inland consumption	-10 593	-9 569	-18 765	-33 707	-35 295	-31 709
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	37 437	34 592	34 319	38 182	42 817	45 138
United Kingdom	20 931	22 141	20 918	20 565	21 021	21 366
Norway	4 904	7 050	7 738	7 871	9 195	8 398
OPEC	24 013	25 460	23 157	24 997	25 296	26 050
Imports by product						
<i>among which:</i>						
Motor spirit	31 815	29 258	28 854	27 605	29 999	31 141
Kerosene and jet fuel	20 097	19 774	20 961	23 787	28 154	27 964
Gas/diesel oil	83 746	86 410	88 609	94 277	103 395	109 016
Residual fuel oil	46 218	51 047	46 873	45 225	53 449	56 942
Exports by product						
<i>among which:</i>						
Motor spirit	49 352	52 260	54 347	64 047	68 211	72 175
Kerosene and jet fuel	11 228	10 551	11 326	12 551	13 739	13 427
Gas/diesel oil	68 171	70 071	68 625	72 633	79 047	82 220
Residual fuel oil	43 378	42 452	46 328	55 756	62 186	62 602
Consumption						
Inputs to electricity plants	39 965	39 927p	36 822	30 574	30 999	27 762
Inputs to heating plants	2 571	1 870	1 471	1 393	1 233	1 331
Non-energy use	92 742	91 929p	92 587	94 066	98 742	96 596
Final energy consumption	481 091	475 393p	483 622	489 421	487 394	486 473
Industry						
<i>among which by product:</i>						
Gas/diesel oil	14 690	14 028p	13 998	14 668	14 719	12 843
Residual fuel oil	18 344	17 167p	17 054	16 470	14 287	14 381

<i>in 1 000 t</i>	EU-27					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	3 190	3 040p	2 950	3 127	2 882	2 893
Non-ferrous metals	1 179	1 124p	1 087	1 061	1 112	1 384
Chemical industry	10 255	8 475p	8 405	10 576	8 266	6 835
Non-met. mineral prod.	13 184	13 099p	14 027	14 414	14 316	14 269
Food, drink, tobacco	5 210	5 223p	5 031	4 843	4 267	4 081
Pulp, paper and print	2 367	2 358p	2 352	2 176	2 011	1 991
Engineering & metal	3 650	3 629p	3 590	3 397	3 247	3 185
Other industries	12 367	11 580p	12 915	12 528	12 832	13 215
Transport	325 192	327 912p	332 864	340 549	342 030	347 771
<i>among which:</i>						
Motor spirit	123 035	121 505p	117 740	114 725	108 759	104 867
Jet fuel	43 145	42 447p	43 793	46 084	48 395	50 357
Diesel oil	154 603	159 347p	166 378	174 619	179 742	186 933
Services & households etc.	101 413	95 246p	97 937	94 221	94 061	89 035
<i>among which:</i>						
Gas oil	83 146	77 927p	79 470	76 272	76 156	72 858
Residual fuel oil	3 313	3 119p	3 948	2 592	2 610	2 315
Stocks at end of period						
Crude oil and feedstocks	57 599	62 286	62 647	65 895	66 041	67 990
Petroleum products	102 348	99 036	99 806	97 712	104 448	105 039

5. Natural gas

<i>in TJ (GCV)</i>	EU-27					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	9 684 043	9 503 470	9 295 119	9 454 825	8 784 315	8 345 915
Total imports	11 487 136	12 422 080	13 142 336	13 775 622	14 768 595	15 474 405
Total exports	2 592 501	2 760 706	2 744 705	2 829 312	2 795 937	3 089 120
Stock changes	219 286	-279 783	120 807	-131 369	-2 074	-360 393
Gross inland consumption	18 797 964	18 885 061	19 813 557	20 269 766	20 754 899	20 372 718
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	1 957 181	2 132 477	2 158 803	2 042 137	2 256 826	2 134 886
Egypt	-	-	-	-	202 419	317 420
Libya	33 216	25 536	30 390	47 809	209 499	321 562
Nigeria	216 120	217 882	335 929	410 260	436 319	560 986
Norway	2 136 379	2 601 569	2 699 473	2 801 723	2 671 779	2 844 269
Oman	40 509	45 336	23 221	53 316	71 379	28 999
Qatar	27 463	87 952	80 414	160 170	195 713	245 158
Russia	4 421 515	4 554 744	4 895 252	4 951 044	4 952 879	4 927 552
Consumption						
Inputs to electricity plants	4 499 696	4 790 696	5 262 737	5 586 392	5 859 109	5 970 061
Inputs to heat plants	371 003	357 041	340 584	313 406	328 560	299 442
Consumption of energy branch	707 088	708 489	653 147	667 940	691 581	640 790
Distribution losses	144 747	139 652	150 070	169 136	170 582	182 550
Non-energy use	694 858	624 500	638 211	652 932	707 017p	649 854
Industry	4 721 707	4 712 510	4 857 448	4 624 563	4 506 781p	4 419 257
<i>among which:</i>						
Iron&steel industry	494 105	486 350	495 397	521 008	483 548p	498 072
Non-ferrous metals	135 342	141 124	135 329	129 942	119 779p	138 452
Chemical industry	1 052 350	1 049 421	1 120 767	1 035 717	1 055 432p	1 003 276
Non-met. mineral prod.	822 642	789 580	834 380	797 295	811 634p	796 072
Food, drink, tobacco	640 510	666 522	695 834	650 436	603 205p	587 611
Pulp, paper and print	420 134	433 683	469 026	442 497	427 880p	427 413
Engineering & metal	554 859	533 069	551 399	536 763	513 470p	507 848
Other industries	338 240	344 190	279 914	297 550	323 313p	283 570
Transport	23 428	21 134	21 249	21 464	23 550	27 152
Services & households etc.	7 489 734	7 339 487	7 908 673	8 199 851	8 258 421p	8 093 443
<i>among which:</i>						
Households	5 239 309	5 209 039	5 526 391	5 720 233	5 736 086p	5 547 353
Services	2 035 544	1 915 986	2 169 461	2 246 351	2 298 700	2 346 627

6.1 Hard coal

<i>in 1 000 t</i>	EU-27					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	196 902	190 999	186 440	180 152	170 420	161 277
Total imports	212 490	201 568	210 144	229 592	227 384	246 784
Total exports	48 379	39 980	35 091	37 035	34 465	35 151
Stock changes	1 752	2 364	8 576	-2 293	-3 811	175
Gross inland consumption	364 487	356 993	372 437	374 859	361 538	374 831
Imports						
Imports by origin						
<i>among which:</i>						
Australia	29 450	29 337	31 004	30 838	27 013	27 258
Colombia	22 633	21 398	22 908	24 224	24 147	26 052
Russia	20 875	23 033	26 545	40 382	48 304	54 890
South Africa	49 273	53 961	56 932	54 190	51 698	53 172
USA	20 119	14 082	12 619	15 416	15 673	17 265
Consumption						
Inputs to electricity plants	236 169	238 163	252 633	250 195	241 264	252 108
Inputs to heat plants	8 937	8 125	7 941	7 509	6 665	6 614
Consumption of energy branch	1 849	1 201	1 315	1 173	1 216	665
Industry						
<i>among which:</i>						
Iron&steel industry	12 615	11 737	12 431	14 256	15 705	16 148
Non-ferrous metals	415	391	348	286	488	216
Chemical industry	3 533	3 705	2 764	2 903	3 486	3 167
Non-met. mineral prod.	8 801	7 687	7 393	7 298	6 705	6 936
Food, drink, tobacco	2 648	2 688	2 534	2 559	2 469	2 335
Pulp, paper and print	1 696	1 731	1 649	1 662	1 693	1 665
Engineering & metal	809	674	606	519	394	340
Other industries	915	792	831	855	891	858
Services & households etc.	16 094	15 006	13 704	13 923	14 181	15 481

6.2 Coal derivatives and peat

		EU-27					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		51 385	48 658	50 604	51 848	50 188	52 121
Patent Fuel		768	691	609	520	443	442
Lignite and peat		466 758	472 915	478 090	470 629	466 263	467 177
Brown coal briquettes		7 084	7 124	7 112	7 164	7 551	8 364
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		392 144	375 332	380 445	379 834	363 931	385 523
Blast-furnace gas		584 397	591 560	609 773	626 160	611 297	635 066
Gasworks gas		23 620	23 453	25 609	23 904	24 700	25 091
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		36 475	34 952	34 951	33 709	30 630	30 217
<i>among which:</i>							
Iron & steel industry		31 321	30 543	31 031	30 466	28 220	27 872
Services & households		1 668	1 482	1 314	981	527	548
Patent Fuel		772	720	573	511	448	448
<i>among which:</i>							
Services & households		734	694	555	499	448	447
Lignite and peat		10 024	10 585	11 580	10 900	9 667	11 044
<i>among which:</i>							
Industry		6 251	6 229	7 232	6 218	6 470	7 062
Services & households		3 759	4 356	4 339	4 682	3 197	3 982
Brown coal briquettes		4 733	4 608	4 615	4 680	4 241	4 647
<i>among which:</i>							
Industry		2 313	2 137	2 152	2 628	2 654	2 757
Services & households		2 413	2 465	2 457	2 046	1 582	1 890
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		163 184	151 389	148 308	151 358	138 825	145 224
Blast-furnace gas		259 630	251 592	261 997	257 638	237 692	247 789
Gasworks gas		5 305	4 915	6 051	5 128	5 082	4 772
Inputs to electricity plants		346 078	345 714	358 298	369 517	373 930	389 320
Inputs to heat plants		13 824	11 311	10 242	9 004	6 012	5 931
Consumption of energy branch		188 320	204 259	206 473	210 930	209 243	208 947
Consumption in industry		423 398	403 609	411 931	409 628	376 938	393 386

7. Renewable energy sources

		EU-27					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	101 459	99 976	107 584	115 352	119 440	127 419
Hydro (excl. pumping)		32 046	27 120	26 332	27 828	26 395	26 515
Wind		2 320	3 071	3 815	5 057	6 061	7 047
Solar		483	532	594	675	807	987
Geothermal		3 621	3 963	5 305	5 397	5 331	5 576
Biomass		62 989	65 291	71 538	76 395	80 847	87 293
	<i>among which:</i>						
Wood, wood-waste		51 758	52 831	58 233	61 485	62 894	65 908
Municipal solid waste		7 947	8 120	8 588	8 964	9 858	10 399
Biogas		2 670	3 292	3 274	3 747	4 267	4 750
Gross inland consumption		101 945	100 495	107 937	116 179	120 606	129 151
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		3 063	3 369	4 713	4 811	4 702	4 900
Biomass		16 498	18 242	21 614	25 165	28 042	31 207
	<i>among which:</i>						
Wood, wood-waste		7 325	8 290	10 721	13 282	14 275	16 239
Municipal waste		7 276	7 366	8 012	8 427	9 199	9 768
Biogas		2 068	2 563	2 859	3 318	3 833	4 317
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	47 979	48 676	50 997	53 167	55 180	59 128
	<i>by sector:</i>						
Industry		15 223	15 870	15 807	16 307	16 471	17 302
Services & households etc.		32 001	31 819	33 839	34 883	35 579	36 451
Transport		755	986	1 351	1 977	3 131	5 376
	<i>by source:</i>						
Biomass		46 955	47 574	49 851	51 969	53 871	57 679
	<i>among which:</i>						
Wood, wood-waste		44 918	45 098	47 947	49 106	49 723	51 261
Municipal waste		672	754	576	530	658	629
Biogas		599	726	326	343	347	352
Geothermal		559	594	592	586	629	677
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		193	281	462	725	1 455	2 495
Hydro with installed capacity < 1 MW		9 056	9 372	9 478	9 525	9 224	9 253
Hydro with installed capacity > 1 & <10 MW		32 340	31 215	28 120	33 526	30 124	31 264
Hydro with installed capacity > 10 MW		332 024	271 483	262 168	275 850	267 681	269 827
Wood, Wood-waste		20 604	24 567	29 701	37 387	41 666	46 315
Municipal waste		14 803	16 222	17 815	19 248	22 624	24 710
Biogas		7 367	9 295	10 101	11 607	13 442	15 380

		EU-27					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		277	346	530	878	1 694	3 220
Hydro with installed capacity < 1 MW		:	2 781	2 738	2 784	2 842	2 835
Hydro with installed capacity > 1 & <10 MW		:	9 374	8 804	9 279	9 470	9 652
Hydro with installed capacity > 10 MW		:	93 343	89 685	93 296	93 737	93 575
Wood, Wood-waste		5 870p	6 044p	7 486p	8 571p	10 841p	13 395
Municipal waste		2 379	2 463p	3 411p	3 797p	4 761p	5 755
Biogas		1 461	1 587	1 875	2 102	2 694	3 182
Liquid biofuels							
Production	<i>1000 t</i>	941	1 275	1 748	2 574	4 514	7 370
Solar Panels							
Solar panel surface	<i>1000 m²</i>	12 156	13 116	15 167	16 521	18 519	21 126p

1. Energy economy

Key figures and energy indicators

		EU-25					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	895 070	894 665	888 820	884 479	853 427	832 924
Net energy imports		838 947	840 138p	885 002p	919 774p	965 859p	988 703p
Net oil imports		547 446	534 659	556 589	570 323	590 826	598 084
Net gas imports		186 161	202 054	216 916	228 803	250 718	258 836
Gross inland energy consumption		1 706 177p	1 700 294p	1 743 076p	1 765 061p	1 766 455p	1 763 737p
Final energy consumption		1 108 202p	1 094 532p	1 124 562p	1 136 808p	1 138 184p	1 141 386p
Industry		317 717p	312 483p	317 876p	318 674p	312 018p	310 956p
Transport		337 044	339 604p	344 671	352 211	355 601p	363 173p
Services and households etc.		453 441	442 446p	462 015	465 922	470 566p	467 258p
Gross electricity generation	GWh	3 010 646	3 019 498	3 116 787	3 189 468	3 205 328	3 249 417
Final electricity consumption		2 529 601	2 538 382	2 602 750	2 656 456	2 693 190p	2 745 654p
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	8 171 669	8 261 991	8 356 899	8 555 439	8 707 583	8 966 095
Population	1000 per.	453 202	454 889	456 999	459 244	461 604	463 647
Industry added value	Mio EUR	:	:	:	:	:	:
Total imports (current prices)	Mio EUR	3 062 644	3 103 711	3 205 806	3 442 290	3 649 957	3 969 471
among which:							
All energy commodities		:	:	:	266 506	384 033	469 039
Oil products		:	:	:	201 271	292 328	355 305
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	208.8	205.8	208.6	206.3	202.9	196.7
Final energy consumption / GDP(95)		135.6	132.5	134.6	132.9	130.7	127.3
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.	3 765	3 738	3 814	3 843	3 827	3 804
Final energy consumption / capita		2 445	2 406	2 461	2 475	2 466	2 462
Household consumption / capita		641	621	641	644	646	635
Final electricity consumption / capita	kWh/cap.	5 582	5 580	5 695	5 784	5 834	5 922
Energy dependency							
Net energy imports / Gross consumption	in %	47.9	48.1	49.5	50.7	53.1	54.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.0	64.4	64.5	64.4	64.4	64.7
Efficiency of thermal power stations		45.6	45.2	45.3	45.7	46.7	46.8

2. Energy balance

Principal aggregates by product

		EU-25					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		895 070	894 665	888 820	884 479	853 427	832 924
<i>among which:</i>	Hard coal	114 154	110 746	109 321	103 698	99 160	93 487
	Lignite and peat	86 265	88 753	88 405	86 805	85 961	86 149
	Crude oil	152 409	155 351	145 547	135 051	122 790	111 630
	Natural Gas	197 371	193 673	189 368	192 597	178 743	169 473
	Nuclear heat	246 084	248 786	251 163	254 361	251 115	248 861
	Hydro-electricity	30 613	25 551	24 932	26 135	24 284	24 572
	Biomass	60 312	62 297	67 944	72 498	76 875	83 284
Imports							
Total		1 273 350	1 281 254p	1 322 611p	1 379 450p	1 426 983p	1 462 632p
<i>among which:</i>	Hard coal	130 239	122 969	129 351	141 345	140 235	151 709
	Crude oil and feedstocks	622 703	611 877	628 313	647 374	645 256	642 895
	Petroleum products	244 263	249 431	252 172	265 443	291 646	303 985
	Natural Gas	241 890	261 398	275 917	289 622	310 819	325 240
	Electricity	22 099	24 285	24 783	23 839	27 617	26 494
Exports							
Total		434 402	441 116	437 609	459 676	461 124	473 929
<i>among which:</i>	Crude oil and feedstocks	106 873	110 319	98 597	90 028	78 536	71 942
	Petroleum products	212 647	216 329	225 298	252 466	267 539	276 853
	Natural gas	55 729	59 344	59 001	60 819	60 102	66 404
	Electricity	20 975	22 427	24 414	23 863	25 744	25 161
Gross inland consumption							
Total		1 706 177p	1 700 294p	1 743 076p	1 765 061p	1 766 455p	1 763 737p
<i>among which:</i>	Solid fuels	307 046	305 465p	315 245p	313 510p	304 261p	308 771p
	Crude oil and petrol. prod.	659 535	652 786	659 151	661 806	661 743	657 503
	Natural gas	388 165	389 923	408 685	419 292	429 404	420 426
	Nuclear Energy	246 084	248 786	251 163	254 361	251 115	248 861
	Renewables	97 829	95 919	102 993	110 632	114 542	123 230
Transformation input							
Total		1 416 743p	1 422 406p	1 459 658	1 480 040	1 470 767	1 476 045
<i>among which:</i>	Crude oil and feedstocks	717 385	713 430	726 900	740 151	736 348	732 643
	Petroleum products	38 763	38 819p	35 670	30 060	30 468	27 804
	Hard coal	185 286	183 959	193 921	193 015	184 838	193 635
	Lignite and peat	84 441	85 110	85 318	84 859	83 133	82 640
	Renewables	19 552	21 528	26 312	29 911	32 721	36 017
Transformation output							
Total		1 033 714p	1 030 654p	1 056 696p	1 073 484p	1 072 619p	1 073 012p
<i>among which:</i>	Electricity	223 429	228 232	236 475	240 128	242 220	244 756
	Heat	43 637p	42 518p	43 804p	42 776p	44 929p	45 080p

<i>in 1 000 toe</i>	EU-25					
	2001	2002	2003	2004	2005	2006
Final energy consumption						
Total	1 108 202p	1 094 532p	1 124 562p	1 136 808p	1 138 184p	1 141 386p
<i>among which:</i> Solid fuels	57 529	54 137p	52 837p	53 334p	51 966p	53 033p
Petroleum products	482 786	476 515p	484 809	489 334	487 657	486 441
Natural Gas	255 397	251 858	266 457	267 992	266 824p	260 792
Renewables	45 317	45 764	47 479	49 399	51 251	55 300
Electricity	217 507	218 262	223 796	228 414	231 573p	236 084p
Final energy consumption by sector						
Industry						
Total	317 717p	312 483p	317 876p	318 674p	312 018p	310 956p
<i>among which:</i> Solid fuels	44 568	41 913p	41 638p	42 299p	41 281p	40 809p
Petroleum Products	50 274	47 893p	48 889	50 679	47 266	45 311
Natural Gas	96 521	96 167	99 089	94 581	92 014p	90 548
Renewables	14 949	15 501	15 272	15 981	16 131	16 929
Electricity	91 048	91 220	92 084	94 142	94 371p	95 311p
Transport						
Total	337 044	339 604p	344 671	352 211	355 601p	363 173p
<i>among which:</i> Motor spirit	127 042	125 219p	121 473	117 603	112 097	108 058
Diesel oil	154 444	159 107p	165 810	173 997	179 199	186 159
Jet fuel	44 050	43 344p	44 672	47 018	49 390	51 373
Electricity	5 940	5 954	6 027	6 123	6 200p	6 091p
Services&households						
Total	453 441	442 446p	462 015	465 922	470 566p	467 258p
<i>among which:</i> Solid fuels	12 928	12 193	11 194	11 031	10 680	12 224
Gas oil	83 874	78 557p	80 208	76 773	76 906	73 562
Natural Gas	158 440	155 259	166 912	172 955	174 323p	169 685
Renewables	29 613	29 277	30 857	31 442	31 990	32 999
Electricity	120 519	121 087	125 685	128 149	131 002p	134 682p
Heat	29 187	28 097	28 161	27 221	27 827p	27 567p

3.1 Electricity balance

	EU-25						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		3 010 646	3 019 498	3 116 787	3 189 468	3 205 328	3 249 417
<i>among which:</i>							
Hydro		384 956	329 179	321 747	337 272	316 451	321 055
Wind		26 977	35 710	44 370	58 814	70 481	81 939
Geothermal		4 612	4 758	5 431	5 521	5 395	5 612
Nuclear		953 986	964 461	973 674	986 074	973 491	964 752
Conventional thermal		1 639 922	1 685 109	1 771 103	1 801 062	1 838 055	1 873 564
<i>of which:</i>							
Hard coal		566 271	575 207	617 983	609 034	584 940	608 991
Lignite and peat		331 945	322 979	342 477	332 973	316 237	308 481
Petroleum products		166 790	180 103	158 558	143 159	136 419	129 104
Natural gas		478 957	514 800	553 856	604 094	649 528	662 551
Derived gases		31 268	29 449	29 802	30 592	31 310	29 861
Biomass		42 463	48 526	57 633	68 829	80 092	89 904
Industrial wastes		22 228	14 045	10 794	12 381	39 529	44 672
Total net generation		2 856 254	2 863 581	2 958 076	3 026 274	3 038 356	3 084 085
Imports and exports							
Total imports		257 016	282 431	288 228	277 242	321 191	308 131
Total exports		243 939	260 830	283 933	277 530	299 397	292 625
Consumption and losses							
Consumption of the energy branch		266 772	275 065	283 828	287 202	291 432p	279 856p
<i>of which:</i>							
Consumption for pumped-storage		10 255	13 875	13 324	13 192	13 444p	11 348p
Network losses		198 064	195 380	203 266	212 056	209 610p	205 020p
Final energy consumption		2 529 601	2 538 382	2 602 750	2 656 456	2 693 190p	2 745 654p
<i>of which:</i>							
Industry		1 058 893	1 060 892	1 070 942	1 094 873	1 097 530p	1 108 469p
<i>among which:</i>							
Iron&steel industry		120 846	118 248	120 712	124 044	125 404p	131 493p
Non-ferrous metals		77 587	77 397	78 760	81 957	79 953p	78 044p
Chemical industry		191 882	192 085	189 838	191 594	199 294p	191 544p
Non-met. mineral prod.		78 178	78 285	80 363	81 700	79 961p	81 648p
Food, drink, tobacco		98 632	100 423	102 044	103 144	107 282p	109 076p
Pulp, paper and print		132 793	134 186	135 201	139 609	140 815p	145 780p
Engineering & metal		145 198	145 688	146 208	149 768	152 039p	155 310p
Other industries		160 630	161 870	166 742	172 559	166 439p	169 239p
Transport		69 077	69 250	70 096	71 206	72 109p	70 837p
Services & households etc.		1 401 631	1 408 240	1 461 712	1 490 377	1 523 551p	1 566 348p
<i>among which:</i>							
Households		717 829	721 579	750 796	767 571	781 397p	783 012p

3.2 Electrical capacity, fuel inputs and heat

		EU-25					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	669 261	684 336	696 500	704 755	717 213	730 124p
by source:							
Conventional thermal		388 858	392 833	405 044	407 727	414 606	420 461p
<i>of which:</i>							
Steam		296 853	:	:	:	:	:
Gas turbine		27 420	:	:	:	:	:
Combined cycle		54 044	:	:	:	:	:
Internal combustion		9 368	:	:	:	:	:
Nuclear		133 136	135 115	133 846	132 985	131 565	130 589p
Hydro		129 534	132 649	128 359	129 100	129 854	130 745
<i>among which:</i>							
Pumped storage		35 805	35 702	35 453	32 431	32 440	33 538
Wind		17 146	23 059	28 530	34 287	40 503	47 633
Geothermal		587	680	721	656	685	696
Other		-	-	-	-	-	-
by producer type:							
Public system		626 389	640 822	651 299	654 629p	660 406p	680 808p
Autoproducers		43 228	44 184	45 986	50 460p	52 419p	53 256p
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	372 742p	383 993p	403 774	406 443	407 240	414 119
<i>among which:</i>							
Hard coal		134 944	136 474	145 107	143 404	138 055	143 193
Lignite and peat		80 238	81 765	81 885	80 504	78 997	78 336
Petroleum products		35 867	36 563p	33 733	28 323	28 835	26 026
Natural gas		93 139	99 219	108 604	115 889	122 018	123 990
Renewables		16 825	18 733	23 158	26 693	29 408	32 496
Heating plants		17 070	16 015	15 719	14 874	14 608	15 227
<i>among which:</i>							
Hard coal		4 672	4 287	4 191	4 029	3 674	4 546
Lignite and peat		455	523	560	491	337	326
Petroleum products		2 260	1 582	1 211	1 177	1 091	1 080
Natural gas		6 455	6 378	6 175	5 700	6 013	5 574
Renewables		2 727	2 794	3 154	3 218	3 313	3 521
Heat production and consumption							
Total heat production	1 000 toe	43 637p	42 518p	43 804p	42 776p	44 929p	45 080p
<i>among which: in heating plants</i>							
		14 861	13 958	13 610	12 429	13 091p	12 980p
Heat consumption		37 655p	36 778p	37 716p	36 811p	38 082p	38 401p
<i>of which: in industry</i>							
		8 469p	8 682p	9 555p	9 589p	10 256p	10 834p
<i>in households and services</i>							
		29 187	28 097	28 161	27 221	27 827p	27 567p
<i>among which: in households</i>							
		19 144	18 333	18 410	17 879	18 445p	18 469p

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	EU-25					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	149 393	152 036	142 537	132 344	120 371	109 525
Total imports	612 668	602 174	617 875	636 848	634 702	632 581
Total exports	104 770	107 973	96 585	88 234	77 002	70 614
Stock changes	-1 614	283	-798	-2 659	-190	-1 261
Refinery intake	705 729	701 933	714 700	728 028	724 236	720 829
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	204 616	186 217	204 067	210 486	216 088	212 957
Near and Middle East	136 810	121 897	123 789	122 362	118 510	112 662
Africa	110 797	99 011	106 451	103 779	112 578	110 935
<i>by country of origin:</i>						
Algeria	19 331	17 967	18 639	21 609	22 776	16 538
Irak	20 126	15 963	8 475	12 553	12 290	16 610
Iran	31 412	25 928	34 674	35 945	35 385	36 350
Kazakhstan	8 353	11 711	14 461	19 672	22 752	22 824
Kuwait	7 990	6 384	6 243	6 605	7 621	6 696
Libya	43 780	39 157	45 949	49 988	50 601	53 165
Mexico	9 291	9 668	8 671	8 808	10 647	8 703
Nigeria	25 723	18 440	23 224	14 858	18 618	20 235
Norway	108 121	103 078	106 404	108 627	97 470	89 050
Russia	128 574	146 286	162 817	179 595	177 740	178 552
Saudi Arabia	57 496	53 144	61 535	64 460	60 748	50 876
Syria	19 308	20 186	12 945	9 081	9 027	7 156
United Arab Emirates	354	-	-	14	1 060	1 589

4.2 Petroleum products

<i>in 1 000 t</i>	EU-25					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	696 267	692 015	705 932	718 398	715 230	710 432
<i>among which:</i>						
Motor spirit	145 437	146 735	147 340	150 597	146 877	145 983
Kerosene and jet fuel	42 569	41 234	43 079	46 399	44 701	46 446
Naphtha	43 900	39 937	42 878	41 661	42 997	39 582
Gas/diesel oil	248 863	248 122	253 791	254 923	260 780	259 135
Residual fuel oil	113 804	109 017	110 149	113 355	110 922	109 948
Total imports	243 088	248 665	251 570	264 599	290 761	303 106
Total exports	210 034	213 619	222 645	249 613	264 662	273 856
Bunkers	45 886	46 648	47 003	50 240	52 683	55 624
Stock changes	2 012	2 799	-2 172	2 052	-6 065	-2 378
Gross inland consumption	-8 550	-5 958	-16 595	-29 774	-29 252	-25 982
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	37 435	34 591	34 304	38 177	42 815	45 136
United Kingdom	20 929	22 138	20 909	20 560	21 010	21 359
Norway	4 904	7 045	7 719	7 845	9 174	8 363
OPEC	23 974	25 375	23 001	24 780	24 979	25 889
Imports by product						
<i>among which:</i>						
Motor spirit	31 685	29 204	28 717	27 447	29 796	30 812
Kerosene and jet fuel	20 023	19 705	20 871	23 696	28 082	27 922
Gas/diesel oil	83 578	86 074	87 926	93 664	102 842	108 182
Residual fuel oil	43 975	49 764	45 795	44 418	53 021	56 392
Exports by product						
<i>among which:</i>						
Motor spirit	47 626	49 833	52 178	61 177	64 563	68 197
Kerosene and jet fuel	11 088	10 475	11 222	12 435	13 627	13 332
Gas/diesel oil	65 950	67 427	66 763	70 575	76 482	79 532
Residual fuel oil	42 638	41 691	45 606	54 494	60 540	60 921
Consumption						
Inputs to electricity plants	37 264	38 021p	35 099	29 455	30 004	27 061
Inputs to heating plants	2 339	1 628	1 251	1 210	1 126	1 107
Non-energy use	90 615	89 970p	90 603	91 840	96 636	94 316
Final energy consumption	472 012	466 048p	474 385	478 874	477 395	476 466
Industry						
<i>among which by product:</i>						
Gas/diesel oil	14 069	13 453p	13 535	14 256	14 279	12 373
Residual fuel oil	17 147	16 365p	16 554	15 911	13 788	13 801

<i>in 1 000 t</i>	EU-25					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	3 000	2 891p	2 825	2 969	2 668	2 641
Non-ferrous metals	1 135	1 084p	1 050	1 027	1 073	1 346
Chemical industry	9 514	7 776p	7 800	9 945	7 731	6 404
Non-met. mineral prod.	12 771	12 735p	13 727	14 105	13 954	13 778
Food, drink, tobacco	4 950	4 956p	4 855	4 673	4 145	3 920
Pulp, paper and print	2 312	2 301p	2 297	2 122	1 968	1 970
Engineering & metal	3 504	3 491p	3 455	3 336	3 183	3 128
Other industries	12 049	11 247p	12 604	12 218	12 424	12 710
Transport	319 623	321 962p	326 611	333 410	335 641	341 036
<i>among which:</i>						
Motor spirit	120 886	119 152p	115 587	111 904	106 665	102 822
Jet fuel	42 890	42 203p	43 496	45 780	48 090	50 021
Diesel oil	151 790	156 373p	162 961	171 007	176 120	182 960
Services & households etc.	100 242	94 149p	96 803	92 680	92 317	87 806
<i>among which:</i>						
Gas oil	82 433	77 207p	78 830	75 454	75 585	72 298
Residual fuel oil	3 283	3 090p	3 904	2 468	2 362	2 150
Stocks at end of period						
Crude oil and feedstocks	56 900	61 392	61 815	64 794	65 020	67 071
Petroleum products	100 411	97 150	98 101	95 861	102 517	103 366

5. Natural gas

<i>in TJ (GCV)</i>	EU-25					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	9 181 694	9 009 654	8 809 387	8 959 634	8 315 126	7 883 868
Total imports	11 252 705	12 160 257	12 835 643	13 473 224	14 459 320	15 130 170
Total exports	2 592 501	2 760 706	2 744 705	2 829 312	2 795 937	3 089 120
Stock changes	215 526	-269 995	111 697	-98 103	-2 642	-368 596
Gross inland consumption	18 057 424	18 139 210	19 012 022	19 505 443	19 975 867	19 558 233
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	1 957 181	2 132 477	2 158 803	2 042 137	2 256 826	2 134 886
Egypt	-	-	-	-	202 419	317 420
Libya	33 216	25 536	30 390	47 809	209 499	321 562
Nigeria	216 120	217 882	335 929	410 260	436 319	560 986
Norway	2 136 379	2 601 569	2 699 473	2 801 723	2 671 779	2 844 269
Oman	40 509	45 336	23 221	53 316	71 379	28 999
Qatar	27 463	87 952	80 414	160 170	195 713	245 158
Russia	4 187 084	4 292 921	4 608 376	4 648 646	4 643 604	4 596 772
Consumption						
Inputs to electricity plants	4 332 830	4 615 676	5 052 247	5 391 161	5 676 279	5 768 031
Inputs to heat plants	300 292	296 700	287 269	265 167	279 710	259 281
Consumption of energy branch	644 282	625 819	581 530	606 060	628 719	586 893
Distribution losses	123 255	117 315	122 573	145 559	141 761	139 740
Non-energy use	631 600	577 955	592 886	600 000	632 521p	597 324
Industry	4 490 156	4 473 671	4 609 600	4 399 896	4 280 487p	4 212 311
<i>among which:</i>						
Iron&steel industry	446 170	443 635	450 295	475 110	441 335p	456 277
Non-ferrous metals	134 934	140 814	134 980	129 473	119 038p	137 664
Chemical industry	974 416	963 206	1 014 177	957 437	975 108p	932 556
Non-met. mineral prod.	788 323	746 270	805 698	765 955	779 947p	764 649
Food, drink, tobacco	617 254	650 604	677 604	631 095	572 044p	570 739
Pulp, paper and print	413 479	426 879	460 258	435 829	420 355p	420 743
Engineering & metal	530 200	509 459	533 671	518 362	497 479p	489 953
Other industries	330 840	336 441	269 625	283 299	313 602p	272 823
Transport	20 308	20 114	21 249	21 194	22 662	25 977
Services & households etc.	7 370 618	7 222 659	7 764 749	8 045 882	8 109 513p	7 893 741
<i>among which:</i>						
Households	5 146 473	5 099 573	5 407 101	5 601 641	5 628 404p	5 427 701
Services	2 010 637	1 910 845	2 146 655	2 213 575	2 260 396	2 269 447

6.1 Hard coal

<i>in 1 000 t</i>	EU-25					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	196 671	190 892	186 379	180 099	170 379	161 229
Total imports	205 926	194 041	203 752	221 452	219 542	239 423
Total exports	48 379	39 980	35 091	37 035	34 465	35 143
Stock changes	1 611	2 928	8 251	-1 763	-3 967	-211
Gross inland consumption	357 551	349 923	365 659	367 196	353 499	367 044
Imports						
Imports by origin						
<i>among which:</i>						
Australia	29 124	28 864	30 381	30 262	26 746	27 030
Colombia	22 489	21 398	22 908	24 224	24 147	26 052
Russia	19 249	19 981	23 952	37 060	45 320	52 039
South Africa	48 864	53 655	56 932	54 190	51 698	53 006
USA	19 701	13 850	11 949	14 635	14 346	15 654
Consumption						
Inputs to electricity plants	233 249	235 724	250 189	247 405	238 319	249 017
Inputs to heat plants	8 914	8 115	7 941	7 500	6 660	6 612
Consumption of energy branch	1 828	1 190	1 312	1 168	1 210	659
Industry						
<i>among which:</i>						
Iron&steel industry	12 564	11 706	12 047	13 982	15 145	15 703
Non-ferrous metals	415	391	348	286	488	216
Chemical industry	3 422	3 676	2 720	2 740	3 314	2 995
Non-met. mineral prod.	8 534	7 506	7 140	7 041	6 501	6 794
Food, drink, tobacco	2 611	2 643	2 503	2 520	2 434	2 295
Pulp, paper and print	1 695	1 648	1 617	1 662	1 693	1 665
Engineering & metal	809	674	606	518	392	338
Other industries	912	787	830	800	829	792
Services & households etc.	16 090	14 958	13 532	13 707	13 930	15 217

6.2 Coal derivatives and peat

		EU-25					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		49 175	46 031	48 120	49 341	47 554	49 662
Patent Fuel		768	691	609	520	443	442
Lignite and peat		407 089	416 576	417 789	412 438	410 503	406 615
Brown coal briquettes		6 039	5 839	5 809	6 086	6 060	6 459
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		376 620	356 591	363 707	362 289	345 841	368 260
Blast-furnace gas		554 840	559 202	575 165	591 351	578 904	604 539
Gasworks gas		23 620	23 453	25 609	23 904	24 700	25 091
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		34 493	32 719	32 465	31 301	28 388	27 986
<i>among which:</i>							
Iron & steel industry		29 599	28 564	28 774	28 231	26 063	25 712
Services & households		1 668	1 482	1 314	981	527	548
Patent Fuel		772	720	573	511	448	448
<i>among which:</i>							
Services & households		734	694	555	499	448	447
Lignite and peat		9 085	9 554	10 669	9 873	8 729	10 100
<i>among which:</i>							
Industry		5 533	5 553	6 621	5 550	5 735	6 381
Services & households		3 538	4 001	4 040	4 323	2 994	3 719
Brown coal briquettes		4 388	4 019	4 054	4 334	3 998	4 427
<i>among which:</i>							
Industry		2 306	2 129	2 145	2 622	2 649	2 752
Services & households		2 075	1 884	1 903	1 707	1 344	1 675
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		156 573	142 980	141 394	144 583	131 669	137 770
Blast-furnace gas		239 397	230 706	236 755	232 974	216 435	227 224
Gasworks gas		5 305	4 915	6 051	5 128	5 082	4 772
Inputs to electricity plants		338 978	339 201	352 043	363 694	370 148	386 167
Inputs to heat plants		13 824	11 311	10 242	9 004	6 012	5 931
Consumption of energy branch		178 052	189 893	194 421	197 397	192 545	193 813
Consumption in industry		396 554	374 314	379 775	378 189	348 525	365 367

7. Renewable energy sources

		EU-25					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	97 344	95 396	102 572	109 749	113 307	121 415
Hydro (excl. pumping)		30 613	25 551	24 932	26 135	24 284	24 572
Wind		2 320	3 071	3 815	5 057	6 060	7 045
Solar		483	532	594	675	807	987
Geothermal		3 616	3 946	5 287	5 384	5 280	5 526
Biomass		60 312	62 297	67 944	72 498	76 875	83 284
	<i>among which:</i>						
Wood, wood-waste		49 081	49 837	54 638	57 588	58 922	61 905
Municipal solid waste		7 947	8 120	8 588	8 964	9 858	10 399
Biogas		2 670	3 292	3 274	3 747	4 267	4 750
Gross inland consumption		97 829	95 919	102 993	110 632	114 542	123 230
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		3 063	3 367	4 713	4 810	4 702	4 895
Biomass		16 488	18 159	21 597	25 100	28 018	31 120
	<i>among which:</i>						
Wood, wood-waste		7 315	8 207	10 705	13 217	14 251	16 152
Municipal waste		7 276	7 366	8 012	8 427	9 199	9 768
Biogas		2 068	2 563	2 859	3 318	3 833	4 317
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	45 317	45 764	47 479	49 399	51 251	55 300
	<i>by sector:</i>						
Industry		14 949	15 501	15 272	15 981	16 131	16 929
Services & households etc.		29 613	29 277	30 857	31 442	31 990	32 999
Transport		755	986	1 351	1 977	3 131	5 371
	<i>by source:</i>						
Biomass		44 298	44 679	46 352	48 213	49 992	53 896
	<i>among which:</i>						
Wood, wood-waste		42 262	42 202	44 448	45 351	45 844	47 484
Municipal waste		672	754	576	530	658	629
Biogas		599	726	326	343	347	352
Geothermal		553	579	574	574	579	631
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		193	281	462	725	1 455	2 495
Hydro with installed capacity < 1 MW		9 027	9 282	9 356	9 386	9 075	9 112
Hydro with installed capacity > 1 & <10 MW		32 089	30 516	27 284	32 380	28 822	30 024
Hydro with installed capacity > 10 MW		315 644	254 033	246 838	257 279	244 513	248 615
Wood, Wood-waste		20 604	24 567	29 698	37 383	41 660	46 311
Municipal waste		14 803	16 222	17 815	19 248	22 624	24 710
Biogas		7 367	9 292	10 101	11 607	13 442	15 380

		EU-25					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		277	346	530	878	1 694	3 220
Hydro with installed capacity < 1 MW		2 370	2 686	2 639	2 695	2 754	2 754
Hydro with installed capacity > 1 & <10 MW		8 197	8 898	8 330	8 824	9 008	9 183
Hydro with installed capacity > 10 MW		83 296	85 688	82 026	85 578	86 014	85 859
Wood, Wood-waste		5 719p	6 044p	7 486p	8 571p	10 841p	13 395
Municipal waste		2 379	2 463p	3 411p	3 797p	4 761p	5 755
Biogas		1 461	1 584	1 875	2 102	2 694	3 182
Liquid biofuels							
Production	<i>1000 t</i>	941	1 275	1 748	2 574	4 514	7 361
Solar Panels							
Solar panel surface	<i>1000 m²</i>	12 156	13 116	15 167	16 521	18 519	21 126p

1. Energy economy

Key figures and energy indicators

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	12 675	12 883	13 118	13 159	13 453	13 367
Net energy imports		51 272	49 341	53 244	53 940	53 775	53 486
Net oil imports		29 704	29 166	32 216	32 333	32 623	32 177
Net gas imports		13 134	13 653	14 243	14 559	14 817	15 030
Gross inland energy consumption		60 248	58 340	61 481	61 389	61 147	60 411
Final energy consumption		39 294	37 551	39 947	39 342	38 443	38 165
Industry		15 545	14 328	14 572	14 287	13 563	14 429
Transport		9 492	9 654	10 177	10 247	9 926	9 626
Services and households etc.		14 257	13 569	15 198	14 808	14 955	14 111
Gross electricity generation	GWh	79 697	82 060	84 616	85 441	87 025	85 535
Final electricity consumption		78 138	78 443	79 677	80 603	80 183	82 585
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	250 429	254 208	256 727	264 359	268 781	276 435
Population	1000 per.	10 263	10 310	10 356	10 396	10 446	10 511
Industry added value	Mio EUR	64 505	63 891	63 363	65 292	65 642	68 517
Total imports (current prices)	Mio EUR	181 557	181 930	187 296	199 614	207 903	213 574
among which:							
All energy commodities		17 204	16 570	18 102	22 118	31 988	38 214
Oil products		12 831	12 047	12 761	14 465	20 314	24 545
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	240.6	229.5	239.5	232.2	227.5	218.5
Final energy consumption / GDP(95)		156.9	147.7	155.6	148.8	143.0	138.1
Energy intensity of industry:							
Final consumption / gross value-added mp		241.0	224.3	230.0	218.8	206.6	210.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		23.6	22.6	27.5	24.8	24.6	25.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	5 870	5 659	5 937	5 905	5 854	5 747
Final energy consumption / capita		3 829	3 642	3 857	3 784	3 680	3 631
Household consumption / capita		962	901	955	965	951	850
Final electricity consumption / capita	kWh/cap.	7 613	7 609	7 694	7 753	7 676	7 857
Energy dependency							
Net energy imports / Gross consumption	in %	78.3	75.7	77.9	78.1	78.2	77.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.2	64.4	65.0	64.1	62.9	63.2
Efficiency of thermal power stations		49.8	50.6	48.1	47.8	48.6	50.4

2. Energy balance

Principal aggregates by product

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		12 675	12 883	13 118	13 159	13 453	13 367
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Crude oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Nuclear heat	11 956	12 217	12 222	12 204	12 277	12 032
	Hydro-electricity	38	31	21	27	25	31
	Biomass	673	627	864	913	1 127	1 267
Imports							
Total		75 016	74 624	78 240	80 925	81 051	79 209
<i>among which:</i>	Hard coal	8 026	6 934	6 573	6 853	6 163	5 639
	Crude oil and feedstocks	35 492	36 293	39 063	37 996	35 487	35 103
	Petroleum products	16 112	15 870	16 687	19 762	22 844	21 164
	Natural Gas	13 134	13 653	14 243	14 559	14 817	15 030
	Electricity	1 360	1 432	1 261	1 253	1 232	1 621
Exports							
Total		23 744	25 283	24 995	26 985	27 276	25 722
<i>among which:</i>	Crude oil and feedstocks	2 295	2 781	3 054	3 098	3 281	2 810
	Petroleum products	19 606	20 216	20 480	22 326	22 427	21 280
	Natural gas	-	-	-	-	-	-
	Electricity	577	780	710	584	690	748
Gross inland consumption							
Total		60 248	58 340	61 481	61 389	61 147	60 411
<i>among which:</i>	Solid fuels	7 077	6 652	6 216	6 090	5 450	5 163
	Crude oil and petrol. prod.	24 252	22 673	25 090	24 685	24 747	23 670
	Natural gas	13 180	13 378	14 402	14 570	14 740	14 995
	Nuclear Energy	11 956	12 217	12 222	12 204	12 277	12 032
	Renewables	820	802	1 056	1 161	1 457	1 767
Transformation input							
Total		62 430	68 619	68 998	66 894	60 648	60 537
<i>among which:</i>	Crude oil and feedstocks	40 321	46 213	45 827	43 469	37 438	37 407
	Petroleum products	265	166	258	432	411	327
	Hard coal	5 010	4 876	4 701	4 630	4 255	4 186
	Lignite and peat	-	-	-	-	-	-
	Renewables	409	404	574	638	769	1 001
Transformation output							
Total		50 762	56 660	56 383	54 307	48 089	47 539
<i>among which:</i>	Electricity	6 708	6 923	7 155	7 197	7 325	7 183
	Heat	564	545	550	558	533	699

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		39 294	37 551	39 947	39 342	38 443	38 165
<i>among which:</i>	Solid fuels	3 301	2 452	2 381	2 326	2 080	2 034
	Petroleum products	16 341	15 411	17 680	16 693	16 529	15 544
	Natural Gas	9 509	9 712	9 653	9 958	9 513	10 012
	Renewables	371	362	453	484	645	704
	Electricity	6 719	6 745	6 851	6 931	6 894	7 101
Final energy consumption by sector							
Industry							
Total		15 545	14 328	14 572	14 287	13 563	14 429
<i>among which:</i>	Solid fuels	3 096	2 224	2 210	2 139	1 933	1 888
	Petroleum Products	1 656	1 099	1 414	1 075	1 075	1 199
	Natural Gas	4 239	4 641	4 386	4 425	3 998	4 707
	Renewables	191	207	256	291	447	485
	Electricity	3 373	3 348	3 437	3 471	3 390	3 458
Transport							
Total		9 492	9 654	10 177	10 247	9 926	9 626
<i>among which:</i>	Motor spirit	2 300	2 196	2 214	2 032	1 854	1 542
	Diesel oil	5 730	5 880	6 041	6 571	6 496	6 666
	Jet fuel	1 160	1 257	1 544	1 425	1 281	1 182
	Electricity	126	125	128	129	144	136
Services&households							
Total		14 257	13 569	15 198	14 808	14 955	14 111
<i>among which:</i>	Solid fuels	205	228	171	187	147	145
	Gas oil	4 836	4 334	5 177	5 141	5 171	4 517
	Natural Gas	5 270	5 070	5 267	5 533	5 515	5 293
	Renewables	180	154	196	194	198	219
	Electricity	3 220	3 272	3 286	3 331	3 361	3 507
	Heat	63	62	60	60	55	74

3.1 Electricity balance

	BELGIQUE/BELGIË						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		79 697	82 060	84 616	85 441	87 025	85 535
<i>among which:</i>							
Hydro		1 648	1 488	1 316	1 607	1 604	1 628
Wind		34	57	88	129	227	363
Geothermal		-	-	-	-	-	-
Nuclear		46 349	47 360	47 379	47 312	47 595	46 645
Conventional thermal		31 666	33 155	35 833	36 392	37 598	36 897
<i>of which:</i>							
Hard coal		9 936	10 029	9 638	9 147	8 199	6 848
Lignite and peat		-	-	-	-	-	-
Petroleum products		1 664	972	1 007	1 675	1 740	1 377
Natural gas		15 780	17 868	21 609	21 477	22 849	23 022
Derived gases		2 828	2 631	1 970	2 336	2 294	2 368
Biomass		945	1 169	1 339	1 535	2 114	3 002
Industrial wastes		513	486	270	222	402	280
Total net generation		76 085	78 143	80 806	81 538	83 395	81 893
Imports and exports							
Total imports		15 818	16 658	14 664	14 567	14 328	18 853
Total exports		6 712	9 070	8 254	6 790	8 024	8 696
Consumption and losses							
Consumption of the energy branch		5 702	6 307	6 525	7 465	7 542	7 533
<i>of which:</i>							
Consumption for pumped-storage		417	395	377	406	459	421
Network losses		3 755	3 768	3 757	3 855	4 156	4 179
Final energy consumption		78 138	78 443	79 677	80 603	80 183	82 585
<i>of which:</i>							
Industry		39 224	38 933	39 975	40 367	39 423	40 211
<i>among which:</i>							
Iron&steel industry		6 663	6 833	7 015	7 061	5 997	6 193
Non-ferrous metals		1 980	1 997	2 083	2 123	1 729	2 468
Chemical industry		13 189	13 177	13 537	13 473	13 767	11 766
Non-met. mineral prod.		2 497	2 515	2 563	2 613	2 325	2 411
Food, drink, tobacco		4 041	3 907	4 005	4 083	3 991	4 427
Pulp, paper and print		2 465	2 497	2 563	2 612	2 710	2 739
Engineering & metal		3 126	2 984	3 083	3 143	3 163	3 356
Other industries		2 887	2 751	2 803	2 746	3 981	4 262
Transport		1 463	1 452	1 490	1 502	1 675	1 585
Services & households etc.		37 451	38 058	38 212	38 734	39 085	40 789
<i>among which:</i>							
Households		24 396	25 921	26 026	26 543	26 007	22 722

3.2 Electrical capacity, fuel inputs and heat

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	15 538	15 546	15 609	15 634	16 094	16 258
<i>by source:</i>							
Conventional thermal		8 353	8 341	8 366	8 365	8 713	8 807
<i>of which:</i>							
Steam		4 082	4 084	4 049	3 670	3 484	3 485
Gas turbine		1 300	1 226	1 243	1 275	1 313	1 451
Combined cycle		2 771	2 676	2 676	3 005	3 364	3 322
Internal combustion		200	356	398	415	433	429
Nuclear		5 738	5 761	5 761	5 761	5 802	5 825
Hydro		1 421	1 413	1 415	1 415	1 412	1 414
<i>among which:</i>							
Pumped storage		1 310	1 310	1 310	1 307	1 307	1 307
Wind		26	31	67	93	167	212
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		15 112	15 137	15 201	15 231	15 602	15 762
Autoproducers		416	409	408	403	494	498
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 522	6 681	7 536	7 709	7 733	7 665
<i>among which:</i>							
Hard coal		2 267	2 263	2 191	2 071	1 889	1 618
Lignite and peat		-	-	-	-	-	-
Petroleum products		265	166	258	432	411	327
Natural gas		2 884	3 164	3 954	3 908	4 058	4 029
Renewables		390	386	540	601	745	975
Heating plants		41	19	34	37	27	29
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		21	-	-	-	3	3
Renewables		19	19	34	37	24	26
Heat production and consumption							
Total heat production	1 000 toe	564	545	550	558	533	699
<i>among which: in heating plants</i>							
		37	17	5	3	6	7
Heat consumption		483	474	464	462	427	473
<i>of which: in industry</i>							
		420	412	404	402	372	399
<i>in households and services</i>							
		63	62	60	60	55	74
<i>among which: in households</i>							
		16	15	15	15	14	14

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	BELGIQUE/BELGIË					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	35 495	36 637	39 257	38 184	35 561	35 165
Total exports	2 261	2 740	3 009	3 052	3 232	2 768
Stock changes	129	32	-29	4	152	-52
Refinery intake	40 254	46 412	45 920	43 576	37 485	37 433
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	11 597	11 262	14 533	12 208	11 287	12 239
Near and Middle East	9 944	9 752	11 811	10 285	10 066	10 745
Africa	555	962	1 670	772	953	734
<i>by country of origin:</i>						
Algeria	142	631	249	208	-	-
Irak	1 035	687	933	160	240	132
Iran	2 895	2 505	4 689	4 620	4 513	4 934
Kazakhstan	-	-	163	-	-	-
Kuwait	87	2	-	331	70	51
Libya	6	-	-	36	67	-
Mexico	-	-	-	-	-	51
Nigeria	238	187	1 265	433	320	518
Norway	8 135	6 784	4 711	2 949	2 749	2 815
Russia	5 088	9 041	11 461	13 953	13 433	12 602
Saudi Arabia	5 821	6 337	6 144	5 373	5 267	5 649
Syria	53	162	-	-	46	30
United Arab Emirates	50	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	BELGIQUE/BELGIË					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	39 883	46 005	45 489	43 233	37 046	36 386
<i>among which:</i>						
Motor spirit	5 493	5 775	5 865	5 789	5 056	5 357
Kerosene and jet fuel	2 026	2 145	2 110	2 221	1 743	1 786
Naphtha	2 135	2 051	2 460	2 318	1 624	1 229
Gas/diesel oil	12 777	12 464	13 013	12 327	11 938	12 660
Residual fuel oil	7 015	7 603	8 689	8 380	8 042	7 128
Total imports	16 002	15 843	16 708	19 683	22 716	21 150
Total exports	19 367	19 969	20 239	22 084	22 202	21 059
Bunkers	5 429	7 080	7 146	8 037	7 953	8 605
Stock changes	-327	268	-256	48	-387	-212
Gross inland consumption	-9 121	-10 931	-10 925	-10 384	-7 820	-8 726
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	8 256	9 502	10 744	12 684	13 673	12 565
United Kingdom	1 509	1 327	1 064	640	886	962
Norway	235	116	100	131	126	175
OPEC	96	555	326	22	252	329
Imports by product						
<i>among which:</i>						
Motor spirit	1 472	1 218	1 123	1 080	1 625	1 190
Kerosene and jet fuel	535	721	1 110	1 292	1 187	884
Gas/diesel oil	7 281	6 314	6 657	8 300	9 693	8 165
Residual fuel oil	2 886	3 678	4 457	5 364	5 982	7 097
Exports by product						
<i>among which:</i>						
Motor spirit	4 801	4 935	4 859	4 991	4 814	5 148
Kerosene and jet fuel	1 348	1 551	1 636	1 974	1 617	1 434
Gas/diesel oil	7 589	7 643	7 419	8 193	8 919	7 932
Residual fuel oil	3 413	3 515	4 024	4 430	4 723	4 461
Consumption						
Inputs to electricity plants	276	173	270	452	428	341
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	5 976	5 843	5 538	5 830	6 467	5 974
Final energy consumption	16 080	15 153	17 455	16 397	16 271	15 286
Industry						
<i>among which by product:</i>						
Gas/diesel oil	745	406	304	292	283	233
Residual fuel oil	658	334	830	677	651	670

<i>in 1 000 t</i>	BELGIQUE/BELGIË					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	36	50	32	31	36	19
Non-ferrous metals	23	37	46	28	36	36
Chemical industry	1	16	208	150	171	155
Non-met. mineral prod.	414	319	396	321	326	338
Food, drink, tobacco	168	163	178	178	148	102
Pulp, paper and print	50	60	45	43	43	28
Engineering & metal	34	27	26	24	26	24
Other industries	994	463	566	349	351	543
Transport	9 119	9 284	9 796	9 861	9 542	9 250
<i>among which:</i>						
Motor spirit	2 189	2 090	2 107	1 934	1 764	1 467
Jet fuel	1 129	1 224	1 503	1 387	1 247	1 151
Diesel oil	5 632	5 779	5 937	6 458	6 384	6 551
Services & households etc.	5 225	4 703	6 153	5 402	5 586	4 789
<i>among which:</i>						
Gas oil	4 753	4 260	5 088	5 053	5 082	4 439
Residual fuel oil	190	180	829	116	318	203
Stocks at end of period						
Crude oil and feedstocks	800	768	797	793	641	693
Petroleum products	3 092	2 824	3 080	3 032	3 419	3 631

5. Natural gas

<i>in TJ (GCV)</i>	BELGIQUE/BELGIË					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	610 993	635 134	662 591	677 290	689 306	699 213
Total exports	-	-	-	-	-	-
Stock changes	2 130	-12 791	7 390	506	-3 624	-1 649
Gross inland consumption	613 123	622 343	669 981	677 796	685 682	697 564
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	89 431	132 041	126 371	113 551	128 211	118 639
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	6 295	-	-	-	-	6 388
Norway	202 635	207 287	215 374	251 582	211 617	214 725
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	16 946
Russia	-	-	-	15 322	33 776	28 194
Consumption						
Inputs to electricity plants	134 167	147 188	183 960	181 792	188 782	187 429
Inputs to heat plants	956	-	-	-	142	121
Consumption of energy branch	2 510	2 260	2 344	2 779	3 220	2 598
Distribution losses	-	-	-	-	-	-
Non-energy use	34 476	32 061	39 298	39 697	41 197	39 788
Industry	197 205	215 922	204 034	205 857	185 980	218 951
<i>among which:</i>						
Iron&steel industry	32 806	34 184	34 024	35 777	33 836	34 302
Non-ferrous metals	4 479	4 521	5 479	5 278	4 940	5 976
Chemical industry	71 615	78 861	81 914	81 061	88 201	92 840
Non-met. mineral prod.	19 601	18 021	25 528	28 534	17 233	19 568
Food, drink, tobacco	7 069	8 580	21 964	21 964	20 037	24 619
Pulp, paper and print	4 115	5 035	6 473	6 851	4 262	6 504
Engineering & metal	6 465	9 103	12 542	13 457	5 079	9 742
Other industries	48 319	55 037	8 366	5 191	7 873	17 052
Transport	-	-	-	-	-	569
Services & households etc.	245 146	235 870	245 027	257 396	256 560	246 221
<i>among which:</i>						
Households	168 496	160 795	167 411	175 154	173 340	160 808
Services	76 650	75 075	77 616	82 242	83 220	85 413

6.1 Hard coal

<i>in 1 000 t</i>	BELGIQUE/BELGIË					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	12 681	9 905	9 390	9 790	8 804	8 056
Total exports	1 886	2 008	961	1 314	1 229	1 078
Stock changes	-872	970	105	-234	-133	176
Gross inland consumption	10 141	9 040	8 663	8 423	7 551	7 183
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 824	2 577	2 339	2 623	2 950	2 137
Colombia	215	314	12	64	5	4
Russia	830	969	915	1 263	944	786
South Africa	3 560	2 798	3 607	3 094	2 081	2 260
USA	2 410	1 840	1 735	1 659	1 714	1 835
Consumption						
Inputs to electricity plants	3 781	3 772	3 618	2 974	3 045	2 609
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	1 535	824	712	642	597	516
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	1	-	6	6	5
Non-met. mineral prod.	225	215	111	168	116	134
Food, drink, tobacco	44	46	59	59	25	20
Pulp, paper and print	49	43	46	58	44	30
Engineering & metal	8	19	13	6	39	31
Other industries	31	8	7	3	14	18
Services & households etc.	324	309	234	256	188	184

6.2 Coal derivatives and peat

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		3 221	2 966	2 861	2 965	2 856	2 895
Patent Fuel		11	11	11	10	7	5
Lignite and peat		-	-	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		22 769	22 266	21 094	22 393	21 868	21 259
Blast-furnace gas		35 494	36 670	36 381	38 298	33 776	34 998
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		2 764	1 964	2 151	2 044	1 827	1 785
<i>among which:</i>							
Iron & steel industry		2 682	1 909	2 092	1 980	1 743	1 686
Services & households		2	7	3	-	8	9
Patent Fuel		10	9	5	8	8	8
<i>among which:</i>							
Services & households		10	7	5	8	8	8
Lignite and peat		204	189	189	189	206	290
<i>among which:</i>							
Industry		204	189	189	189	206	290
Services & households		-	-	-	-	-	-
Brown coal briquettes		5	5	4	12	10	15
<i>among which:</i>							
Industry		-	-	-	8	-	5
Services & households		5	5	4	4	10	10
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		8 922	9 264	9 285	9 129	8 986	8 414
Blast-furnace gas		15 466	16 127	19 154	17 758	12 674	11 497
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		23 153	23 228	19 189	23 494	23 411	27 536
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		10 722	10 317	9 847	10 301	10 573	8 810
Consumption in industry		24 388	25 391	28 439	26 887	21 660	19 911

7. Renewable energy sources

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	719	666	896	955	1 176	1 335
Hydro (excl. pumping)		38	31	21	27	25	31
Wind		3	5	8	11	20	31
Solar		1	2	2	3	3	3
Geothermal		4	1	1	1	1	2
Biomass		673	627	864	913	1 127	1 267
	<i>among which:</i>						
Wood, wood-waste		274	254	346	386	528	570
Municipal solid waste		355	329	467	454	490	589
Biogas		44	45	52	72	93	80
Gross inland consumption		820	802	1 056	1 161	1 457	1 767
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		409	404	574	638	769	1 001
	<i>among which:</i>						
Wood, wood-waste		20	40	63	115	194	297
Municipal waste		355	329	467	454	490	589
Biogas		34	36	44	69	68	68
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	371	362	453	484	645	704
	<i>by sector:</i>						
Industry		191	207	256	291	447	485
Services & households etc.		180	154	196	194	198	219
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		365	359	449	481	641	699
	<i>among which:</i>						
Wood, wood-waste		355	349	441	476	616	676
Municipal waste		-	-	-	-	-	-
Biogas		10	10	8	5	25	11
Geothermal		4	1	1	1	1	2
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	1	1	2
Hydro with installed capacity < 1 MW		18	17	14	22	15	20
Hydro with installed capacity > 1 & <10 MW		224	181	133	163	151	189
Hydro with installed capacity > 10 MW		199	162	100	125	114	150
Wood, Wood-waste		173	271	377	513	960	1 406
Municipal waste		756	761	788	789	850	1 090
Biogas		127	137	174	233	304	279

		BELGIQUE/BELGIË					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	1	1	1	2	2
Hydro with installed capacity < 1 MW		6	7	6	8	8	8
Hydro with installed capacity > 1 & <10 MW		54	53	53	52	54	49
Hydro with installed capacity > 10 MW		51	51	51	55	55	50
Wood, Wood-waste		62	57	121	130	293	307
Municipal waste		101	134	133	132	139	196
Biogas		28	29	42	50	56	53
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	19	33
Solar Panels							
Solar panel surface	<i>1000 m²</i>	44	50	58	74	77	110

1. Energy economy

Key figures and energy indicators

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	10 290	10 530	10 098	10 169	10 553	10 911
Net energy imports		9 027	8 939	9 313	9 240	9 516	9 545
Net oil imports		4 294	4 487	4 673	4 446	5 186	5 176
Net gas imports		2 731	2 498	2 356	2 389	2 458	2 609
Gross inland energy consumption		19 390	19 002	19 553	18 986	19 983	20 547
Final energy consumption		8 641	8 719	9 432	9 211	9 565	10 028
Industry		3 657	3 500	3 826	3 755	3 719	3 833
Transport		1 924	2 026	2 291	2 374	2 570	2 772
Services and households etc.		3 060	3 193	3 315	3 081	3 275	3 424
Gross electricity generation	GWh	43 968	42 679	42 600	41 621	44 365	45 843
Final electricity consumption		24 530	24 041	25 110	24 882	25 678	26 867
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	10 002	10 453	10 976	11 705	12 436	13 222
Population	1000 per.	8 150	7 891	7 846	7 801	7 761	7 719
Industry added value	Mio EUR	2 722	2 777	2 937	3 053	3 194	3 437
Total imports (current prices)	Mio EUR	8 415	8 891	10 347	11 852	13 403	15 282
among which:							
All energy commodities		:	:	:	:	:	:
Oil products		:	:	:	:	:	:
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 938.5	1 818.0	1 781.4	1 622.0	1 606.9	1 554.0
Final energy consumption / GDP(95)		863.9	834.2	859.3	786.9	769.1	758.5
Energy intensity of industry:							
Final consumption / gross value-added mp		1 343.3	1 260.5	1 302.9	1 229.8	1 164.6	1 115.1
Energy intensity of service sector:							
Final consumption / gross value-added mp		171.9	158.2	154.1	133.7	144.8	153.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 379	2 408	2 492	2 434	2 575	2 662
Final energy consumption / capita		1 060	1 105	1 202	1 181	1 232	1 299
Household consumption / capita		247	275	290	270	276	282
Final electricity consumption / capita	kWh/cap.	3 010	3 047	3 200	3 189	3 309	3 481
Energy dependency							
Net energy imports / Gross consumption	in %	46.3	46.8	47.3	48.4	47.4	46.2
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	44.6	45.9	48.2	48.5	47.9	48.8
Efficiency of thermal power stations		41.0	41.1	41.5	42.1	41.7	42.1

2. Energy balance

Principal aggregates by product

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		10 290	10 530	10 098	10 169	10 553	10 911
<i>among which:</i>	Hard coal	44	38	21	-	4	13
	Lignite and peat	4 454	4 390	4 625	4 524	4 174	4 295
	Crude oil	34	37	30	31	30	28
	Natural Gas	18	16	13	267	384	374
	Nuclear heat	5 044	5 216	4 457	4 337	4 812	5 028
	Hydro-electricity	149	189	260	272	373	364
	Biomass	547	643	691	737	743	774
Imports							
Total		11 804	11 299	11 401	12 178	12 878	14 071
<i>among which:</i>	Hard coal	2 458	2 419	2 455	2 856	2 490	2 339
	Crude oil and feedstocks	5 708	5 335	5 323	5 821	6 423	7 267
	Petroleum products	667	765	989	946	1 364	1 637
	Natural Gas	2 731	2 498	2 356	2 389	2 458	2 609
	Electricity	94	175	103	64	69	98
Exports							
Total		2 777	2 361	2 088	2 938	3 363	4 526
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	2 081	1 613	1 639	2 321	2 602	3 728
	Natural gas	-	-	-	-	-	-
	Electricity	689	717	441	569	721	764
Gross inland consumption							
Total		19 390	19 002	19 553	18 986	19 983	20 547
<i>among which:</i>	Solid fuels	7 246	6 658	7 329	7 247	6 892	6 968
	Crude oil and petrol. prod.	4 263	4 430	4 634	4 404	4 946	5 116
	Natural gas	2 739	2 404	2 501	2 493	2 804	2 901
	Nuclear Energy	5 044	5 216	4 457	4 337	4 812	5 028
	Renewables	692	828	942	980	1 123	1 140
Transformation input							
Total		19 805	19 049	19 265	19 015	20 268	21 223
<i>among which:</i>	Crude oil and feedstocks	5 718	5 459	5 438	5 969	6 683	7 418
	Petroleum products	232	229	257	234	203	118
	Hard coal	2 229	2 069	2 270	2 194	2 249	2 178
	Lignite and peat	4 960	4 585	5 244	4 803	4 692	4 802
	Renewables	-	-	-	-	4	1
Transformation output							
Total		11 735	11 180	11 518	11 795	12 501	13 349
<i>among which:</i>	Electricity	3 594	3 437	3 379	3 290	3 408	3 546
	Heat	1 242	1 175	1 287	1 212	1 277	1 238

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		8 641	8 719	9 432	9 211	9 565	10 028
<i>among which:</i>	Solid fuels	938	1 031	1 132	1 026	951	964
	Petroleum products	3 101	3 163	3 449	3 434	3 640	3 854
	Natural Gas	779	741	814	792	931	1 077
	Renewables	540	639	682	709	745	773
	Electricity	2 109	2 067	2 159	2 139	2 208	2 310
Final energy consumption by sector							
Industry							
Total		3 657	3 500	3 826	3 755	3 719	3 833
<i>among which:</i>	Solid fuels	751	699	764	758	686	674
	Petroleum Products	784	805	863	808	778	816
	Natural Gas	747	706	767	729	830	933
	Renewables	43	44	58	63	94	79
	Electricity	777	729	791	835	846	863
Transport							
Total		1 924	2 026	2 291	2 374	2 570	2 772
<i>among which:</i>	Motor spirit	597	642	617	589	573	636
	Diesel oil	855	865	1 101	1 244	1 404	1 467
	Jet fuel	148	150	182	172	200	204
	Electricity	38	39	37	36	36	34
Services&households							
Total		3 060	3 193	3 315	3 081	3 275	3 424
<i>among which:</i>	Solid fuels	187	331	368	268	265	290
	Gas oil	387	329	284	242	245	254
	Natural Gas	33	35	48	57	82	119
	Renewables	497	595	623	646	651	689
	Electricity	1 295	1 299	1 331	1 268	1 326	1 413
	Heat	618	561	612	548	604	582

3.1 Electricity balance

	BULGARIJA						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		43 968	42 679	42 600	41 621	44 365	45 843
<i>among which:</i>							
Hydro		2 171	2 704	3 301	3 363	4 730	4 579
Wind		-	-	-	1	5	20
Geothermal		-	-	-	-	-	-
Nuclear		19 553	20 222	17 280	16 815	18 653	19 493
Conventional thermal		22 244	19 753	22 019	21 442	20 977	21 751
<i>of which:</i>							
Hard coal		4 446	3 863	4 525	3 950	4 342	4 796
Lignite and peat		15 051	13 319	14 712	14 952	14 116	14 287
Petroleum products		579	830	789	822	606	379
Natural gas		1 908	1 539	1 762	1 494	1 729	2 159
Derived gases		260	191	225	205	167	123
Biomass		-	-	-	-	-	-
Industrial wastes		-	11	6	19	17	7
Total net generation		39 617	38 598	38 474	37 544	40 281	41 601
Imports and exports							
Total imports		1 092	2 040	1 194	741	799	1 139
Total exports		8 017	8 335	5 125	6 620	8 380	8 882
Consumption and losses							
Consumption of the energy branch		5 945	5 652	5 701	5 528	5 831	5 928
<i>of which:</i>							
Consumption for pumped-storage		214	205	209	92	151	128
Network losses		6 126	6 178	6 026	5 092	4 883	4 907
Final energy consumption		24 530	24 041	25 110	24 882	25 678	26 867
<i>of which:</i>							
Industry		9 035	8 479	9 197	9 713	9 838	10 034
<i>among which:</i>							
Iron&steel industry		1 862	1 644	1 959	1 868	1 740	1 944
Non-ferrous metals		782	608	753	820	816	833
Chemical industry		1 843	1 583	1 536	1 580	1 677	1 742
Non-met. mineral prod.		631	606	638	698	790	877
Food, drink, tobacco		893	854	869	1 117	1 240	1 068
Pulp, paper and print		240	392	464	651	490	393
Engineering & metal		837	929	903	862	927	889
Other industries		582	521	691	737	712	800
Transport		437	449	436	421	413	394
Services & households etc.		15 058	15 113	15 477	14 748	15 427	16 439
<i>among which:</i>							
Households		9 751	9 306	9 311	8 770	9 046	9 305

3.2 Electrical capacity, fuel inputs and heat

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	13 838	11 872	12 330	12 260	12 260	12 015
<i>by source:</i>							
Conventional thermal		7 458	6 878	6 759	6 689	6 682	6 418
<i>of which:</i>							
Steam		7 458	6 878	6 759	6 689	6 682	6 418
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	-	-	-	-
Nuclear		3 532	2 146	2 723	2 722	2 722	2 722
Hydro		2 848	2 848	2 848	2 848	2 848	2 848
<i>among which:</i>							
Pumped storage		864	864	864	864	864	864
Wind		-	-	-	1	8	27
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		12 280	10 513	11 657	11 708	11 997	11 802
Autoproducers		415	459	340	270	263	213
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 930	6 322	6 929	6 607	6 520	6 594
<i>among which:</i>							
Hard coal		1 408	1 288	1 440	1 392	1 530	1 608
Lignite and peat		4 201	3 781	4 183	3 969	3 701	3 722
Petroleum products		195	198	217	196	172	92
Natural gas		750	697	724	658	644	690
Renewables		-	-	-	-	-	-
Heating plants		308	279	312	276	370	346
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		1	0	-	-	-	-
Petroleum products		37	32	40	37	31	26
Natural gas		270	247	271	238	334	319
Renewables		-	-	-	-	4	1
Heat production and consumption							
Total heat production	1 000 toe	1 242	1 175	1 287	1 212	1 277	1 238
<i>among which: in heating plants</i>							
		295	260	287	259	345	317
Heat consumption		935	860	914	866	939	899
<i>of which: in industry</i>							
		317	299	302	318	335	318
<i>in households and services</i>							
		618	561	612	548	604	582
<i>among which: in households</i>							
		489	440	475	424	438	420

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	BULGARIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	34	37	30	30	30	28
Total imports	5 628	5 280	5 237	5 719	6 338	7 155
Total exports	-	-	-	-	-	-
Stock changes	-74	-19	-32	-33	115	-15
Refinery intake	5 638	5 402	5 351	5 865	6 594	7 303
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	677
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	5 095	5 047	3 689	4 714	5 406	6 318
Saudi Arabia	-	-	-	-	-	-
Syria	-	77	-	-	-	-
United Arab Emirates	-	-	68	70	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	BULGARIJA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	5 411	5 032	5 175	5 769	6 279	7 136
<i>among which:</i>						
Motor spirit	1 151	1 030	967	1 401	1 381	1 560
Kerosene and jet fuel	154	123	145	142	144	151
Naphtha	469	432	663	546	521	583
Gas/diesel oil	1 978	1 817	1 878	1 912	2 265	2 521
Residual fuel oil	1 095	1 203	718	958	1 217	1 512
Total imports	677	799	1 025	978	1 425	1 673
Total exports	2 055	1 608	1 623	2 302	2 581	3 700
Bunkers	96	105	137	115	110	106
Stock changes	101	36	105	83	-287	43
Gross inland consumption	-1 373	-878	-630	-1 356	-1 553	-2 086
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	13	3	-	-
United Kingdom	-	-	-	-	-	-
Norway	-	1	-	6	1	12
OPEC	-	38	156	174	317	156
Imports by product						
<i>among which:</i>						
Motor spirit	112	26	63	72	140	263
Kerosene and jet fuel	53	52	50	50	52	41
Gas/diesel oil	101	114	183	180	362	582
Residual fuel oil	57	79	131	136	93	77
Exports by product						
<i>among which:</i>						
Motor spirit	717	447	443	907	933	1 187
Kerosene and jet fuel	65	32	20	25	6	-
Gas/diesel oil	727	522	512	467	665	1 085
Residual fuel oil	518	584	503	851	919	1 286
Consumption						
Inputs to electricity plants	203	206	229	206	187	95
Inputs to heating plants	39	33	42	39	32	27
Non-energy use	663	384	514	485	536	572
Final energy consumption	3 054	3 143	3 420	3 399	3 609	3 832
Industry						
<i>among which by product:</i>						
Gas/diesel oil	87	81	81	78	80	88
Residual fuel oil	429	409	243	225	205	209

<i>in 1 000 t</i>	BULGARIJA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	3	-	-	-	2	2
Non-ferrous metals	44	40	37	34	39	38
Chemical industry	307	275	348	317	244	215
Non-met. mineral prod.	172	280	285	275	332	405
Food, drink, tobacco	112	89	78	69	52	66
Pulp, paper and print	21	34	30	31	33	12
Engineering & metal	26	26	22	18	17	15
Other industries	70	68	76	68	80	103
Transport	1 813	1 908	2 168	2 248	2 428	2 610
<i>among which:</i>						
Motor spirit	568	611	587	560	545	605
Jet fuel	144	146	177	167	195	199
Diesel oil	840	850	1 082	1 223	1 380	1 442
Services & households etc.	424	364	327	289	337	327
<i>among which:</i>						
Gas oil	380	323	279	238	241	250
Residual fuel oil	26	24	25	29	33	54
Stocks at end of period						
Crude oil and feedstocks	202	221	253	286	171	186
Petroleum products	652	616	511	428	715	672

5. Natural gas

<i>in TJ (GCV)</i>	BULGARIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	853	752	597	12 432	17 884	17 391
Total imports	127 044	116 222	109 593	111 129	114 340	121 355
Total exports	-	-	-	-	-	-
Stock changes	-482	-5 132	6 136	-7 602	-1 778	-3 810
Gross inland consumption	127 415	111 842	116 326	115 959	130 446	134 936
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	127 044	116 222	109 593	111 129	114 340	121 355
Consumption						
Inputs to electricity plants	34 877	32 438	33 658	30 608	29 939	32 105
Inputs to heat plants	12 550	11 477	12 621	11 093	15 516	14 852
Consumption of energy branch	9 986	9 520	7 334	9 856	13 041	13 879
Distribution losses	4 156	3 292	3 764	3 704	2 343	1 817
Non-energy use	27 976	18 914	19 656	23 055	24 586	18 763
Industry	34 729	32 860	35 663	33 894	38 607	43 380
<i>among which:</i>						
Iron&steel industry	11 725	10 991	13 871	11 916	12 077	12 444
Non-ferrous metals	408	310	349	469	741	788
Chemical industry	8 534	7 333	6 283	5 627	8 723	10 554
Non-met. mineral prod.	6 939	7 203	5 862	6 534	7 095	8 713
Food, drink, tobacco	2 375	2 891	3 317	3 266	3 664	4 052
Pulp, paper and print	1 484	979	2 202	2 483	2 396	2 546
Engineering & metal	1 521	1 125	1 194	1 234	1 440	1 599
Other industries	519	505	560	519	467	460
Transport	-	-	-	270	888	1 175
Services & households etc.	1 521	1 631	2 221	2 658	3 832	5 554
<i>among which:</i>						
Households	37	59	144	268	655	1 138
Services	816	874	1 304	1 390	1 942	2 927

6.1 Hard coal

<i>in 1 000 t</i>	BULGARIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	110	94	51	-	9	27
Total imports	3 839	3 854	3 930	4 678	4 088	3 902
Total exports	-	-	-	-	-	-
Stock changes	76	-347	187	-438	264	330
Gross inland consumption	4 025	3 601	4 168	4 240	4 361	4 259
Imports						
Imports by origin						
<i>among which:</i>						
Australia	152	322	505	576	267	156
Colombia	-	-	-	-	-	-
Russia	-	905	1 287	1 119	1 160	1 468
South Africa	-	-	-	-	-	-
USA	418	232	670	466	356	532
Consumption						
Inputs to electricity plants	2 371	2 147	2 444	2 408	2 608	2 666
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	1	1	-	-	-	3
Industry						
<i>among which:</i>						
Iron&steel industry	51	30	38	7	40	26
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	104	29	44	125	111	115
Non-met. mineral prod.	262	174	246	255	204	142
Food, drink, tobacco	37	45	31	36	35	40
Pulp, paper and print	-	83	32	-	-	-
Engineering & metal	-	-	-	1	2	2
Other industries	2	5	1	55	62	66
Services & households etc.	2	45	172	187	235	264

6.2 Coal derivatives and peat

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		797	761	846	832	743	669
Patent Fuel		-	-	-	-	-	-
Lignite and peat		26 501	25 924	27 248	26 452	24 686	25 651
Brown coal briquettes		1 045	1 285	1 303	1 078	1 491	1 905
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		5 934	5 966	6 577	6 222	5 501	4 760
Blast-furnace gas		9 134	7 734	9 636	8 295	7 578	7 546
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		655	638	730	628	563	550
<i>among which:</i>							
Iron & steel industry		477	496	599	528	503	501
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		167	272	229	225	198	213
<i>among which:</i>							
Industry		21	62	32	68	71	49
Services & households		146	210	197	157	127	164
Brown coal briquettes		345	589	561	346	243	220
<i>among which:</i>							
Industry		7	8	7	6	5	5
Services & households		338	581	554	339	238	215
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		2 139	2 217	2 453	1 863	1 550	1 339
Blast-furnace gas		7 814	6 741	8 373	7 211	2 536	2 747
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		1 913	1 476	1 702	1 622	1 410	1 166
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		3 202	3 267	3 685	3 821	7 583	7 053
Consumption in industry		9 953	8 958	10 826	9 074	4 086	4 086

7. Renewable energy sources

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	696	832	952	1 009	1 149	1 173
Hydro (excl. pumping)		149	189	260	272	373	364
Wind		-	-	-	0	0	2
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	33	33
Biomass		547	643	691	737	743	774
	<i>among which:</i>						
Wood, wood-waste		547	643	691	737	743	769
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Gross inland consumption		692	828	942	980	1 123	1 140
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		-	-	-	-	4	1
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	4	1
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	540	639	682	709	745	773
	<i>by sector:</i>						
Industry		43	44	58	63	94	79
Services & households etc.		497	595	623	646	651	689
Transport		-	-	-	-	-	5
	<i>by source:</i>						
Biomass		540	639	682	709	713	740
	<i>among which:</i>						
Wood, wood-waste		540	639	682	709	713	735
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	33	33
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		29	36	50	53	72	70
Hydro with installed capacity > 1 & <10 MW		251	317	438	458	627	618
Hydro with installed capacity > 10 MW		1 457	1 840	2 541	2 657	3 638	3 550
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-

		BULGARIJA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		25	25	25	25	25	25
Hydro with installed capacity > 1 & <10 MW		200	200	200	200	200	200
Hydro with installed capacity > 10 MW		1 759	1 759	1 759	1 759	1 759	1 759
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	0	9
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	30 198	30 396	34 073	32 781	32 434	33 074
Net energy imports		10 719	11 364	11 399	11 744	12 893	12 930
Net oil imports		8 252	8 025	8 459	9 061	9 813	9 703
Net gas imports		7 736	7 917	7 698	7 094	7 535	7 913
Gross inland energy consumption		41 511	42 025	45 615	45 885	45 316	46 240
Final energy consumption		23 970	23 571	25 234	26 078	25 846	26 251
Industry		9 467	9 459	9 508	9 845	9 593	9 477
Transport		4 628	4 831	5 473	5 791	6 164	6 318
Services and households etc.		9 876	9 280	10 253	10 442	10 089	10 455
Gross electricity generation	GWh	74 647	76 348	83 227	84 333	82 578	84 361
Final electricity consumption		50 856	50 789	52 376	53 801	55 246	56 967
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	46 617	47 501	49 212	51 419	54 696	58 175
Population	1000 per.	10 267	10 206	10 203	10 212	10 221	10 251
Industry added value	Mio EUR	16 071	16 569	16 457	18 423	20 214	23 080
Total imports (current prices)	Mio EUR	41 572	43 662	47 146	55 598	58 372	66 450
among which:							
All energy commodities		:	:	:	2 186	4 099	5 299
Oil products		:	:	:	1 888	3 715	4 418
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	890.5	884.7	926.9	892.4	828.5	794.8
Final energy consumption / GDP(95)		514.2	496.2	512.8	507.2	472.5	451.2
Energy intensity of industry:							
Final consumption / gross value-added mp		589.1	570.9	577.8	534.4	474.6	410.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		144.0	136.2	142.8	139.3	128.6	119.8
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 043	4 117	4 471	4 493	4 434	4 511
Final energy consumption / capita		2 335	2 309	2 473	2 554	2 529	2 561
Household consumption / capita		562	522	585	612	589	635
Final electricity consumption / capita	kWh/cap.	4 954	4 976	5 133	5 269	5 405	5 557
Energy dependency							
Net energy imports / Gross consumption	in %	25.8	27.0	25.0	25.6	28.5	28.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	57.7	56.1	55.3	56.8	57.0	56.8
Efficiency of thermal power stations		47.1	45.7	47.7	47.1	46.0	45.7

2. Energy balance

Principal aggregates by product

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		30 198	30 396	34 073	32 781	32 434	33 074
<i>among which:</i>	Hard coal	9 527	9 084	9 766	8 519	8 410	8 507
	Lignite and peat	15 821	15 171	15 596	15 043	15 160	15 212
	Crude oil	185	268	321	310	317	269
	Natural Gas	122	115	131	162	154	147
	Nuclear heat	3 805	4 834	6 674	6 791	6 379	6 719
	Hydro-electricity	177	214	119	174	205	219
	Biomass	510	637	1 394	1 743	1 803	1 973
Imports							
Total		19 199	19 553	19 887	19 850	21 125	21 993
<i>among which:</i>	Hard coal	766	800	836	984	758	1 322
	Crude oil and feedstocks	6 105	6 254	6 530	6 586	7 916	7 980
	Petroleum products	3 439	3 175	3 189	3 441	3 166	2 917
	Natural Gas	7 736	7 918	7 740	7 166	7 604	8 016
	Electricity	807	817	867	841	1 062	986
Exports							
Total		8 480	8 189	8 488	8 106	8 233	9 063
<i>among which:</i>	Crude oil and feedstocks	120	141	135	65	59	43
	Petroleum products	1 172	1 262	1 125	901	1 210	1 152
	Natural gas	-	1	41	72	69	102
	Electricity	1 627	1 796	2 261	2 192	2 148	2 072
Gross inland consumption							
Total		41 511	42 025	45 615	45 885	45 316	46 240
<i>among which:</i>	Solid fuels	21 166	20 780	22 009	21 069	20 300	20 904
	Crude oil and petrol. prod.	8 512	8 648	8 905	9 712	10 068	10 041
	Natural gas	8 032	7 762	7 842	7 788	7 703	7 576
	Nuclear Energy	3 805	4 834	6 674	6 791	6 379	6 719
	Renewables	687	851	1 514	1 781	1 824	1 972
Transformation input							
Total		31 793	32 579	34 637	35 180	35 546	35 973
<i>among which:</i>	Crude oil and feedstocks	6 429	6 493	6 831	7 132	8 278	8 350
	Petroleum products	312	302	292	250	237	172
	Hard coal	5 339	5 299	5 306	5 256	4 740	4 941
	Lignite and peat	12 992	12 647	12 568	12 559	12 991	12 846
	Renewables	285	282	294	368	273	296
Transformation output							
Total		20 091	20 387	21 627	21 878	22 507	22 694
<i>among which:</i>	Electricity	6 206	6 320	7 002	7 030	6 838	6 969
	Heat	3 565	3 402	3 518	3 449	3 326	3 136

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		23 970	23 571	25 234	26 078	25 846	26 251
<i>among which:</i>	Solid fuels	4 095	3 755	4 094	4 063	3 636	3 956
	Petroleum products	5 470	5 850	6 424	6 799	6 940	6 895
	Natural Gas	6 424	6 165	6 294	6 186	6 155	6 167
	Renewables	223	353	740	1 238	1 344	1 452
	Electricity	4 373	4 367	4 504	4 626	4 750	4 898
Final energy consumption by sector							
Industry							
Total		9 467	9 459	9 508	9 845	9 593	9 477
<i>among which:</i>	Solid fuels	3 095	2 953	3 087	3 033	3 009	3 022
	Petroleum Products	489	663	616	800	563	383
	Natural Gas	2 612	2 581	2 522	2 483	2 418	2 375
	Renewables	178	301	210	258	384	398
	Electricity	1 714	1 768	1 767	1 922	1 990	2 030
Transport							
Total		4 628	4 831	5 473	5 791	6 164	6 318
<i>among which:</i>	Motor spirit	2 001	2 027	2 210	2 202	2 162	2 114
	Diesel oil	2 162	2 344	2 738	2 956	3 386	3 560
	Jet fuel	211	200	258	331	344	348
	Electricity	180	182	188	186	184	185
Services&households							
Total		9 876	9 280	10 253	10 442	10 089	10 455
<i>among which:</i>	Solid fuels	1 000	802	1 007	1 029	627	934
	Gas oil	379	356	338	354	347	343
	Natural Gas	3 808	3 577	3 764	3 692	3 727	3 780
	Renewables	45	51	530	949	958	1 035
	Electricity	2 479	2 417	2 549	2 517	2 577	2 683
	Heat	2 005	1 888	1 869	1 814	1 786	1 609

3.1 Electricity balance

	ČESKÁ REPUBLIKA						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		74 647	76 348	83 227	84 333	82 578	84 361
<i>among which:</i>							
Hydro		2 467	2 845	1 794	2 562	3 027	3 257
Wind		-	2	4	10	21	49
Geothermal		-	-	-	-	-	-
Nuclear		14 749	18 738	25 872	26 325	24 728	26 046
Conventional thermal		57 431	54 763	55 557	55 436	54 802	55 008
<i>of which:</i>							
Hard coal		5 673	5 441	5 645	5 952	5 562	6 030
Lignite and peat		46 736	44 288	45 136	44 355	43 960	43 619
Petroleum products		386	384	368	348	326	258
Natural gas		3 158	3 207	3 243	3 184	3 369	3 288
Derived gases		765	754	668	876	846	885
Biomass		518	498	497	721	739	926
Industrial wastes		195	191	-	-	-	2
Total net generation		68 780	70 393	76 659	77 919	76 192	77 883
Imports and exports							
Total imports		9 380	9 502	10 086	9 776	12 351	11 466
Total exports		18 919	20 889	26 299	25 493	24 985	24 097
Consumption and losses							
Consumption of the energy branch		8 929	8 961	9 140	9 188	9 024	9 171
<i>of which:</i>							
Consumption for pumped-storage		143	126	141	187	220	239
Network losses		4 910	4 858	5 087	5 084	5 027	4 885
Final energy consumption		50 856	50 789	52 376	53 801	55 246	56 967
<i>of which:</i>							
Industry		19 939	20 558	20 550	22 358	23 145	23 613
<i>among which:</i>							
Iron&steel industry		2 906	3 751	3 530	3 560	3 439	3 389
Non-ferrous metals		280	104	280	291	329	336
Chemical industry		3 430	3 211	3 641	3 771	3 881	3 892
Non-met. mineral prod.		2 279	2 162	2 381	2 432	2 537	2 607
Food, drink, tobacco		1 544	1 534	1 557	1 594	1 590	1 585
Pulp, paper and print		1 843	1 877	1 239	1 766	1 888	1 901
Engineering & metal		3 650	3 783	3 873	4 645	4 983	5 290
Other industries		2 633	2 660	2 714	2 975	3 142	3 408
Transport		2 092	2 119	2 182	2 168	2 136	2 154
Services & households etc.		28 825	28 112	29 644	29 275	29 965	31 200
<i>among which:</i>							
Households		14 239	14 121	14 508	14 525	14 719	15 198

3.2 Electrical capacity, fuel inputs and heat

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	<i>MW</i>	15 443	16 310	17 343	17 434	17 412	17 507
by source:							
Conventional thermal		11 537	11 399	11 423	11 498	11 456	11 528
<i>of which:</i>							
Steam		10 925	10 781	10 679	10 748	10 693	10 731
Gas turbine		-	-	-	-	-	-
Combined cycle		586	594	726	734	734	739
Internal combustion		26	24	18	16	29	58
Nuclear		1 760	2 760	3 760	3 760	3 760	3 760
Hydro		2 145	2 145	2 149	2 160	2 167	2 175
<i>among which:</i>							
Pumped storage		1 145	1 145	1 145	1 145	1 147	1 147
Wind		1	6	11	16	29	44
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		12 988	14 042	15 170	15 197	15 122	15 155
Autoproducers		2 455	2 268	2 173	2 237	2 290	2 353
Fuel consumption in electricity and heat production							
Conventional thermal power plants	<i>1 000 toe</i>	16 174	15 841	15 622	15 701	15 729	15 590
<i>among which:</i>							
Hard coal		2 068	2 055	2 062	2 011	1 717	1 841
Lignite and peat		12 257	11 874	11 756	11 774	12 285	12 126
Petroleum products		212	212	206	163	152	102
Natural gas		694	695	704	748	675	586
Renewables		251	249	238	315	223	248
Heating plants		1 009	1 001	993	1 017	922	880
<i>among which:</i>							
Hard coal		83	84	77	58	34	83
Lignite and peat		181	186	182	167	114	102
Petroleum products		100	90	86	87	85	70
Natural gas		582	581	563	645	625	570
Renewables		34	34	56	53	50	48
Heat production and consumption							
Total heat production	<i>1 000 toe</i>	3 565	3 402	3 518	3 449	3 326	3 136
<i>among which: in heating plants</i>							
		891	866	840	796	769	721
Heat consumption		2 793	2 642	2 653	2 614	2 478	2 315
<i>of which: in industry</i>							
		789	754	784	801	692	705
<i>in households and services</i>							
		2 005	1 888	1 869	1 814	1 786	1 609
<i>among which: in households</i>							
		1 343	1 282	1 265	1 188	1 168	1 113

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	ČESKÁ REPUBLIKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	183	265	317	306	313	265
Total imports	6 037	6 189	6 454	6 504	7 825	7 870
Total exports	119	140	133	64	58	42
Stock changes	41	-46	-41	7	-253	-132
Refinery intake	6 357	6 425	6 751	7 042	8 182	8 235
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	826	365	289	387	396	211
Near and Middle East	55	629	624	261	40	5
Africa	826	365	289	387	396	211
<i>by country of origin:</i>						
Algeria	209	89	33	199	134	50
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	329	12	129	282	285	391
Kuwait	-	-	-	-	-	-
Libya	617	276	218	188	262	161
Mexico	-	-	-	-	-	-
Nigeria	-	-	38	-	-	-
Norway	-	199	-	-	-	-
Russia	4 121	3 938	4 334	4 457	5 501	5 225
Saudi Arabia	-	-	-	-	-	-
Syria	55	629	624	261	40	5
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ČESKÁ REPUBLIKA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	6 309	6 376	6 710	6 999	8 132	8 179
<i>among which:</i>						
Motor spirit	1 106	1 248	1 324	1 289	1 467	1 594
Kerosene and jet fuel	168	160	140	147	132	121
Naphtha	570	409	479	561	706	708
Gas/diesel oil	2 250	2 412	2 590	2 673	3 067	3 128
Residual fuel oil	773	376	445	394	581	381
Total imports	3 359	3 102	3 116	3 364	3 092	2 865
Total exports	1 156	1 243	1 111	890	1 203	1 134
Bunkers	-	-	-	-	-	-
Stock changes	-198	156	-69	19	-87	-17
Gross inland consumption	2 057	2 095	2 014	2 529	1 805	1 746
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	9	4	7	10	8	10
United Kingdom	-	2	2	4	3	5
Norway	5	9	5	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	1 102	989	986	942	804	623
Kerosene and jet fuel	33	50	104	192	208	233
Gas/diesel oil	1 345	1 255	1 280	1 260	1 311	1 262
Residual fuel oil	271	212	140	205	100	144
Exports by product						
<i>among which:</i>						
Motor spirit	209	274	184	184	162	293
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	603	693	640	365	524	360
Residual fuel oil	129	67	80	48	131	89
Consumption						
Inputs to electricity plants	222	222	216	170	159	106
Inputs to heating plants	105	94	90	91	89	73
Non-energy use	2 351	1 917	1 923	2 501	2 628	2 705
Final energy consumption	5 312	5 705	6 264	6 639	6 765	6 715
Industry						
<i>among which by product:</i>						
Gas/diesel oil	266	231	94	105	110	92
Residual fuel oil	77	294	283	466	404	227

<i>in 1 000 t</i>	ČESKÁ REPUBLIKA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	25	102	98	132	103	46
Non-ferrous metals	1	1	-	-	-	-
Chemical industry	-	14	28	166	150	55
Non-met. mineral prod.	22	65	54	59	55	40
Food, drink, tobacco	28	82	80	67	54	43
Pulp, paper and print	5	49	9	13	25	21
Engineering & metal	43	38	41	20	19	16
Other industries	352	294	305	336	154	156
Transport	4 297	4 492	5 110	5 390	5 790	5 922
<i>among which:</i>						
Motor spirit	1 904	1 929	2 103	2 095	2 057	2 012
Jet fuel	205	195	251	322	335	339
Diesel oil	2 125	2 304	2 691	2 905	3 328	3 499
Services & households etc.	524	536	524	424	398	400
<i>among which:</i>						
Gas oil	372	350	332	348	341	337
Residual fuel oil	52	110	124	9	11	16
Stocks at end of period						
Crude oil and feedstocks	639	679	726	719	972	1 104
Petroleum products	1 534	1 378	1 447	1 428	1 515	1 533

5. Natural gas

<i>in TJ (GCV)</i>	ČESKÁ REPUBLIKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	5 671	5 338	6 098	7 555	7 170	6 853
Total imports	359 894	368 354	360 045	333 350	353 726	372 903
Total exports	-	38	1 928	3 329	3 220	4 767
Stock changes	8 091	-12 564	604	24 717	688	-22 556
Gross inland consumption	373 656	361 090	364 819	362 293	358 364	352 433
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	88 944	99 335	94 651	88 168	84 661	95 851
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	270 950	268 981	265 394	246 182	269 065	275 720
Consumption						
Inputs to electricity plants	32 283	32 333	32 736	34 813	31 402	27 241
Inputs to heat plants	27 097	27 007	26 206	29 992	29 053	26 508
Consumption of energy branch	6 132	6 192	5 563	6 076	7 223	7 057
Distribution losses	9 288	8 770	7 522	3 630	4 370	4 729
Non-energy use	-	-	-	-	-	-
Industry	121 493	120 085	117 342	115 521	112 496	110 495
<i>among which:</i>						
Iron&steel industry	12 053	12 701	12 285	13 652	12 903	13 204
Non-ferrous metals	2 362	2 450	2 555	2 610	2 739	2 660
Chemical industry	9 377	9 520	10 170	11 103	13 074	12 007
Non-met. mineral prod.	27 920	28 050	29 820	29 792	28 949	29 237
Food, drink, tobacco	16 150	16 104	18 520	17 448	17 139	16 554
Pulp, paper and print	3 642	3 820	3 402	2 583	4 542	4 159
Engineering & metal	11 196	11 270	12 440	13 818	18 702	18 621
Other industries	34 518	32 220	23 395	19 207	9 659	9 872
Transport	228	304	340	492	418	562
Services & households etc.	177 135	166 399	175 110	171 769	173 402	175 841
<i>among which:</i>						
Households	110 580	103 720	111 740	109 372	107 487	105 855
Services	63 417	59 367	60 195	59 284	62 759	66 966

6.1 Hard coal

<i>in 1 000 t</i>	ČESKÁ REPUBLIKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	15 138	14 467	13 645	13 303	13 254	13 385
Total imports	1 203	1 237	1 296	1 620	1 263	1 997
Total exports	5 713	5 693	5 669	5 578	5 261	6 517
Stock changes	543	170	42	-1 761	-94	1 016
Gross inland consumption	11 171	10 181	9 314	9 860	9 162	9 881
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	3	39	62	104	32	50
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	3 942	3 739	3 651	3 635	3 210	3 434
Inputs to heat plants	158	153	136	105	63	155
Consumption of energy branch	3	4	2	2	3	-
Industry	1 704	1 342	710	1 140	1 290	1 240
<i>among which:</i>						
Iron&steel industry	943	712	318	644	806	766
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	158	123	56	211	202	162
Non-met. mineral prod.	325	260	163	202	214	238
Food, drink, tobacco	43	40	27	28	20	7
Pulp, paper and print	15	12	9	28	25	30
Engineering & metal	191	172	126	6	6	9
Other industries	7	4	-	2	2	3
Services & households etc.	696	325	223	216	215	153

6.2 Coal derivatives and peat

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		3 522	3 537	3 556	3 548	3 412	3 444
Patent Fuel		-	-	-	-	-	-
Lignite and peat		50 968	48 889	50 261	48 497	48 772	49 059
Brown coal briquettes		280	302	314	317	301	345
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		25 274	25 903	25 235	24 997	24 502	24 842
Blast-furnace gas		25 002	25 891	28 240	29 425	25 236	30 305
Gasworks gas		13 682	13 719	14 555	14 007	14 765	15 022
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		2 243	2 165	2 211	2 138	1 944	2 030
<i>among which:</i>							
Iron & steel industry		1 975	1 933	2 012	1 940	1 864	1 907
Services & households		162	154	135	128	34	66
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		4 108	4 220	6 614	5 505	4 630	5 432
<i>among which:</i>							
Industry		2 621	2 722	4 257	3 179	3 323	3 503
Services & households		1 487	1 498	2 357	2 326	1 307	1 929
Brown coal briquettes		112	107	110	145	133	138
<i>among which:</i>							
Industry		-	-	-	3	3	5
Services & households		112	107	110	142	130	133
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		11 963	7 502	8 390	8 170	7 684	7 821
Blast-furnace gas		13 530	11 085	11 825	11 881	10 922	12 136
Gasworks gas		-	110	104	39	-	-
Inputs to electricity plants		25 909	25 585	26 451	28 383	27 926	29 735
Inputs to heat plants		1 070	1 038	997	-	-	7
Consumption of energy branch		10 550	18 487	18 538	18 502	17 446	17 824
Consumption in industry		25 493	18 697	20 319	20 090	18 606	19 957

7. Renewable energy sources

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	687	851	1 514	1 919	2 012	2 200
Hydro (excl. pumping)		177	214	119	174	205	219
Wind		-	0	0	1	2	4
Solar		-	-	-	2	2	3
Geothermal		-	-	-	-	-	-
Biomass		510	637	1 394	1 743	1 803	1 973
	<i>among which:</i>						
Wood, wood-waste		368	493	1 253	1 513	1 537	1 716
Municipal solid waste		105	108	100	106	97	95
Biogas		37	36	41	50	56	63
Gross inland consumption		687	851	1 514	1 781	1 824	1 972
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		285	282	294	368	273	296
	<i>among which:</i>						
Wood, wood-waste		190	188	196	254	161	182
Municipal waste		63	63	78	86	76	75
Biogas		32	31	20	27	35	39
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	223	353	740	1 238	1 344	1 452
	<i>by sector:</i>						
Industry		178	301	210	258	384	398
Services & households etc.		45	51	530	949	958	1 035
Transport		-	0	0	31	3	19
	<i>by source:</i>						
Biomass		223	353	740	1 236	1 342	1 449
	<i>among which:</i>						
Wood, wood-waste		177	305	1 054	1 163	1 297	1 385
Municipal waste		43	45	22	19	21	20
Biogas		3	2	21	23	21	24
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	0	0	1
Hydro with installed capacity < 1 MW		265	254	242	286	343	333
Hydro with installed capacity > 1 & <10 MW		426	495	418	617	728	631
Hydro with installed capacity > 10 MW		1 363	1 743	723	1 116	1 309	1 586
Wood, Wood-waste		381	367	373	565	560	731
Municipal waste		4	4	16	17	18	19
Biogas		133	127	108	139	161	176

		ČESKÁ REPUBLIKA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	0	1
Hydro with installed capacity < 1 MW		54	104	107	107	123	106
Hydro with installed capacity > 1 & <10 MW		106	134	144	144	154	169
Hydro with installed capacity > 10 MW		840	762	753	753	743	753
Wood, Wood-waste		-	-	709	709	1 182	1 558
Municipal waste		-	-	3	3	3	3
Biogas		-	-	25	25	36	43
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	83	127	112
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	85	105

1. Energy economy

Key figures and energy indicators

		DANMARK					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	27 076	28 505	28 403	31 018	31 273	29 511
Net energy imports		-5 777	-8 610	-6 850	-9 947	-10 430	-8 082
Net oil imports		-6 826	-9 256	-9 251	-10 654	-9 388	-8 227
Net gas imports		-3 054	-2 984	-2 594	-3 691	-5 010	-4 688
Gross inland energy consumption		20 167	19 785	20 791	20 173	19 705	20 912
Final energy consumption		15 025	14 743	15 076	15 309	15 457	15 627
Industry		3 012	2 852	2 863	2 898	2 866	2 925
Transport		4 760	4 733	4 916	5 153	5 269	5 339
Services and households etc.		7 252	7 158	7 297	7 259	7 322	7 363
Gross electricity generation	GWh	37 727	39 284	46 181	40 433	36 355	45 716
Final electricity consumption		32 565	32 515	32 370	32 971	33 461	34 076
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	161 289	162 040	162 662	166 398	170 489	177 143
Population	1000 per.	5 349	5 368	5 384	5 398	5 411	5 428
Industry added value	Mio EUR	33 665	33 036	32 636	33 158	32 595	34 093
Total imports (current prices)	Mio EUR	68 265	73 389	72 196	77 739	86 428	98 608
among which:							
All energy commodities		2 334	2 193	2 290	2 654	3 552	3 828
Oil products		1 865	1 733	1 730	2 052	2 784	3 094
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	125.0	122.1	127.8	121.2	115.6	118.1
Final energy consumption / GDP(95)		93.2	91.0	92.7	92.0	90.7	88.2
Energy intensity of industry:							
Final consumption / gross value-added mp		89.5	86.3	87.7	87.4	87.9	85.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		18.7	18.7	19.1	18.9	18.4	18.2
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 770	3 685	3 862	3 737	3 641	3 853
Final energy consumption / capita		2 809	2 746	2 800	2 836	2 856	2 879
Household consumption / capita		824	801	819	815	824	814
Final electricity consumption / capita	kWh/cap.	6 088	6 057	6 013	6 108	6 183	6 278
Energy dependency							
Net energy imports / Gross consumption	in %	-27.1	-41.6	-31.5	-47.4	-50.8	-36.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	74.5	74.5	72.5	75.9	78.4	74.7
Efficiency of thermal power stations		65.3	65.9	64.8	68.3	71.4	65.1

2. Energy balance

Principal aggregates by product

		DANMARK					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		27 076	28 505	28 403	31 018	31 273	29 511
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Crude oil	17 280	18 551	18 563	19 692	18 935	17 231
	Natural Gas	7 589	7 603	7 203	8 492	9 383	9 323
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	2	3	2	2	2	2
	Biomass	1 822	1 917	2 144	2 253	2 371	2 408
Imports							
Total		14 400	13 398	14 896	14 328	13 830	14 407
<i>among which:</i>	Hard coal	4 138	3 775	5 635	4 487	3 572	5 165
	Crude oil and feedstocks	3 293	3 508	3 640	3 942	2 846	2 780
	Petroleum products	6 129	5 176	4 792	4 843	5 900	5 463
	Natural Gas	-	-	-	-	-	-
	Electricity	705	769	604	746	1 113	582
Exports							
Total		20 177	22 008	21 746	24 275	24 260	22 489
<i>among which:</i>	Crude oil and feedstocks	12 315	14 123	13 713	15 385	14 060	11 932
	Petroleum products	3 931	3 817	3 970	4 054	4 074	4 537
	Natural gas	3 054	2 984	2 594	3 691	5 010	4 688
	Electricity	754	947	1 339	993	995	1 178
Gross inland consumption							
Total		20 167	19 785	20 791	20 173	19 705	20 912
<i>among which:</i>	Solid fuels	4 202	4 187	5 665	4 361	3 751	5 476
	Crude oil and petrol. prod.	9 084	8 689	8 398	8 367	8 171	8 235
	Natural gas	4 631	4 627	4 661	4 634	4 399	4 537
	Nuclear Energy	-	-	-	-	-	-
	Renewables	2 296	2 456	2 798	3 054	3 262	3 257
Transformation input							
Total		17 150	16 949	18 318	16 741	15 527	17 730
<i>among which:</i>	Crude oil and feedstocks	8 331	8 099	8 441	8 226	7 841	8 095
	Petroleum products	1 397	1 212	546	427	378	419
	Hard coal	3 942	3 976	5 496	4 122	3 445	5 297
	Lignite and peat	-	-	-	-	-	-
	Renewables	1 198	1 312	1 512	1 644	1 742	1 725
Transformation output							
Total		14 191	14 077	14 964	14 157	13 335	14 542
<i>among which:</i>	Electricity	2 871	2 956	3 491	2 908	2 555	3 404
	Heat	3 071	3 040	3 115	3 101	3 094	3 090

		DANMARK					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		15 025	14 743	15 076	15 309	15 457	15 627
<i>among which:</i>	Solid fuels	244	220	231	261	253	264
	Petroleum products	7 044	6 938	7 041	7 212	7 234	7 293
	Natural Gas	1 760	1 647	1 728	1 688	1 689	1 688
	Renewables	725	722	805	837	947	1 003
	Electricity	2 800	2 796	2 783	2 835	2 877	2 930
Final energy consumption by sector							
Industry							
Total		3 012	2 852	2 863	2 898	2 866	2 925
<i>among which:</i>	Solid fuels	215	199	203	228	214	219
	Petroleum Products	800	787	785	808	768	814
	Natural Gas	838	747	749	715	715	715
	Renewables	126	93	111	115	122	123
	Electricity	865	853	836	863	888	896
Transport							
Total		4 760	4 733	4 916	5 153	5 269	5 339
<i>among which:</i>	Motor spirit	2 003	2 011	2 017	1 993	1 933	1 897
	Diesel oil	1 836	1 888	2 053	2 192	2 317	2 446
	Jet fuel	843	739	761	886	943	917
	Electricity	30	31	30	32	32	32
Services&households							
Total		7 252	7 158	7 297	7 259	7 322	7 363
<i>among which:</i>	Solid fuels	29	20	27	33	40	45
	Gas oil	1 409	1 347	1 281	1 202	1 140	1 083
	Natural Gas	923	900	979	973	973	973
	Renewables	599	629	694	722	826	877
	Electricity	1 905	1 911	1 917	1 940	1 956	2 002
	Heat	2 267	2 235	2 297	2 294	2 285	2 279

3.1 Electricity balance

	DANMARK						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		37 727	39 284	46 181	40 433	36 355	45 716
<i>among which:</i>							
Hydro		28	32	21	27	23	23
Wind		4 306	4 877	5 561	6 583	6 614	6 108
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		33 392	34 374	40 597	33 821	29 716	39 583
<i>of which:</i>							
Hard coal		17 819	18 256	25 307	18 673	15 463	24 632
Lignite and peat		-	-	-	-	-	-
Petroleum products		4 180	4 011	2 345	1 634	1 371	1 613
Natural gas		9 273	9 591	9 764	9 941	8 809	9 415
Derived gases		-	-	-	-	-	-
Biomass		2 110	2 502	3 147	3 559	3 982	3 923
Industrial wastes		10	14	34	14	91	-
Total net generation		36 161	37 331	43 747	38 397	34 519	43 288
Imports and exports							
Total imports		8 199	8 939	7 023	8 673	12 943	6 767
Total exports		8 774	11 010	15 568	11 545	11 574	13 702
Consumption and losses							
Consumption of the energy branch		2 210	2 606	3 217	2 784	2 639	3 246
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		2 375	2 091	2 049	1 810	1 624	1 460
Final energy consumption		32 565	32 515	32 370	32 971	33 461	34 076
<i>of which:</i>							
Industry		10 059	9 924	9 728	10 042	10 333	10 418
<i>among which:</i>							
Iron&steel industry		755	473	315	326	355	358
Non-ferrous metals		64	65	80	83	90	91
Chemical industry		1 333	1 356	1 238	1 231	1 355	1 363
Non-met. mineral prod.		867	879	864	901	924	930
Food, drink, tobacco		2 298	2 320	2 270	2 348	2 618	2 634
Pulp, paper and print		758	771	841	872	691	695
Engineering & metal		1 771	1 803	1 768	1 835	1 957	1 968
Other industries		1 912	1 951	2 057	2 139	2 078	2 112
Transport		348	364	353	370	375	376
Services & households etc.		22 158	22 227	22 289	22 559	22 753	23 282
<i>among which:</i>							
Households		10 159	10 190	10 262	10 332	10 449	10 580

3.2 Electrical capacity, fuel inputs and heat

		DANMARK					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	12 741	13 269	13 590	13 340	13 345	13 012
by source:							
Conventional thermal		10 232	10 429	10 462	10 204	10 205	9 868
<i>of which:</i>							
Steam		7 629	7 737	7 743	7 416	7 476	7 194
Gas turbine		556	544	545	569	586	542
Combined cycle		1 011	1 100	1 101	1 101	1 063	1 071
Internal combustion		1 036	1 048	1 073	1 118	1 080	1 061
Nuclear		-	-	-	-	-	-
Hydro		11	11	11	11	11	9
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		2 498	2 829	3 117	3 125	3 129	3 135
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		12 167	12 709	13 020	12 736	12 710	12 392
Autoproducers		575	562	572	606	638	623
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	8 241	8 302	9 289	7 954	7 165	9 120
<i>among which:</i>							
Hard coal		3 942	3 975	5 495	4 122	3 444	5 295
Lignite and peat		-	-	-	-	-	-
Petroleum products		1 328	1 155	492	387	344	393
Natural gas		2 188	2 270	2 228	2 234	2 003	2 065
Renewables		782	902	1 074	1 212	1 374	1 368
Heating plants		562	533	573	546	508	503
<i>among which:</i>							
Hard coal		1	1	1	1	1	2
Lignite and peat		-	-	-	-	-	-
Petroleum products		69	57	55	40	35	27
Natural gas		77	66	80	74	104	117
Renewables		415	410	438	432	368	357
Heat production and consumption							
Total heat production	1 000 toe	3 071	3 040	3 115	3 101	3 094	3 090
<i>among which: in heating plants</i>							
		564	528	590	575	536	561
Heat consumption		2 435	2 406	2 474	2 462	2 444	2 438
<i>of which: in industry</i>							
		168	172	177	168	159	159
<i>in households and services</i>							
		2 267	2 235	2 297	2 294	2 285	2 279
<i>among which: in households</i>							
		1 538	1 504	1 541	1 536	1 531	1 526

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	DANMARK					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	16 887	18 143	18 143	19 262	18 517	16 839
Total imports	3 219	3 432	3 558	3 857	2 784	2 717
Total exports	12 035	13 813	13 403	15 050	13 751	11 662
Stock changes	-4	58	22	-59	109	17
Refinery intake	8 143	7 922	8 251	8 046	7 667	7 911
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	2 937	3 231	3 492	3 735	2 720	2 708
Russia	-	30	-	-	-	-
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	DANMARK					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	8 044	7 890	8 154	7 954	7 499	7 853
<i>among which:</i>						
Motor spirit	2 239	2 074	2 082	1 986	1 919	1 987
Kerosene and jet fuel	543	529	611	606	507	608
Naphtha	5	-	-	6	4	13
Gas/diesel oil	3 220	3 258	3 451	3 329	3 224	3 298
Residual fuel oil	1 567	1 574	1 519	1 557	1 405	1 471
Total imports	6 190	5 215	4 821	4 856	5 922	5 476
Total exports	3 886	3 779	3 929	4 030	4 058	4 486
Bunkers	1 143	940	990	806	835	1 086
Stock changes	-262	257	20	182	-674	267
Gross inland consumption	916	769	-68	209	362	179
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	90	48	43	180	123	105
United Kingdom	311	180	116	186	117	334
Norway	492	640	574	463	649	661
OPEC	1 674	1 088	281	419	635	323
Imports by product						
<i>among which:</i>						
Motor spirit	1 034	1 006	871	878	1 036	918
Kerosene and jet fuel	797	571	528	709	970	575
Gas/diesel oil	1 834	1 718	1 927	1 829	2 105	2 392
Residual fuel oil	1 947	1 369	921	900	1 200	1 042
Exports by product						
<i>among which:</i>						
Motor spirit	1 295	1 126	1 012	958	1 054	1 086
Kerosene and jet fuel	404	368	494	420	379	444
Gas/diesel oil	901	979	1 137	1 141	967	1 672
Residual fuel oil	1 132	1 179	1 161	1 393	1 544	1 152
Consumption						
Inputs to electricity plants	1 381	1 200	503	395	352	402
Inputs to heating plants	70	58	55	40	35	27
Non-energy use	275	278	288	319	299	306
Final energy consumption	6 924	6 822	6 921	7 092	7 111	7 177
Industry						
<i>among which by product:</i>						
Gas/diesel oil	384	361	380	392	383	359
Residual fuel oil	184	198	171	171	149	211

<i>in 1 000 t</i>	DANMARK					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	6	5	6	6	2	2
Non-ferrous metals	4	4	3	3	-	1
Chemical industry	36	35	27	28	28	32
Non-met. mineral prod.	302	301	304	319	306	327
Food, drink, tobacco	176	180	169	172	177	211
Pulp, paper and print	12	11	12	12	9	9
Engineering & metal	71	66	72	75	79	74
Other industries	194	189	194	196	191	189
Transport	4 580	4 553	4 734	4 964	5 079	5 145
<i>among which:</i>						
Motor spirit	1 906	1 914	1 919	1 896	1 839	1 805
Jet fuel	821	720	741	863	918	893
Diesel oil	1 804	1 856	2 018	2 154	2 277	2 404
Services & households etc.	1 488	1 425	1 345	1 260	1 208	1 155
<i>among which:</i>						
Gas oil	1 385	1 324	1 259	1 181	1 120	1 064
Residual fuel oil	45	47	29	23	26	35
Stocks at end of period						
Crude oil and feedstocks	727	669	719	778	669	652
Petroleum products	1 981	1 875	1 855	1 673	2 347	2 080

5. Natural gas

<i>in TJ (GCV)</i>	DANMARK					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	353 062	353 693	335 062	395 033	436 520	433 718
Total imports	-	-	-	-	-	-
Total exports	142 090	138 837	120 692	171 722	233 085	218 084
Stock changes	4 461	408	2 445	-7 748	1 226	-4 593
Gross inland consumption	215 433	215 264	216 815	215 563	204 661	211 041
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	101 785	105 578	103 641	103 928	93 180	96 070
Inputs to heat plants	3 586	3 055	3 715	3 427	4 845	5 457
Consumption of energy branch	27 259	29 237	29 279	30 191	31 066	31 659
Distribution losses	133	134	133	133	132	132
Non-energy use	-	-	-	-	-	-
Industry	38 968	34 757	34 853	33 265	33 277	33 248
<i>among which:</i>						
Iron&steel industry	2 020	1 897	1 661	1 674	1 607	1 600
Non-ferrous metals	207	192	142	143	105	105
Chemical industry	4 142	3 587	3 935	3 028	3 187	3 174
Non-met. mineral prod.	6 453	5 981	6 089	6 131	5 245	5 223
Food, drink, tobacco	13 036	11 340	10 033	9 019	11 991	11 941
Pulp, paper and print	2 754	2 298	2 914	2 877	3 114	3 101
Engineering & metal	5 068	4 641	5 173	5 257	4 460	4 441
Other industries	2 970	2 840	3 092	3 076	2 219	2 320
Transport	-	-	-	-	-	-
Services & households etc.	42 922	41 881	45 541	45 278	45 285	45 269
<i>among which:</i>						
Households	31 856	30 634	32 776	32 597	32 277	31 243
Services	8 080	8 421	10 188	10 172	10 510	11 793

6.1 Hard coal

<i>in 1 000 t</i>	DANMARK					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	6 924	6 263	9 515	7 592	6 031	8 688
Total exports	164	168	151	157	96	110
Stock changes	231	810	169	-108	358	594
Gross inland consumption	6 991	6 905	9 533	7 327	6 293	9 172
Imports						
Imports by origin						
<i>among which:</i>						
Australia	160	250	569	442	129	290
Colombia	415	792	2 681	1 454	1 254	1 537
Russia	1 816	1 085	970	1 966	1 531	2 040
South Africa	1 880	1 214	2 971	1 845	1 852	3 062
USA	-	13	246	188	66	274
Consumption						
Inputs to electricity plants	6 601	6 617	9 304	7 010	5 906	8 936
Inputs to heat plants	1	1	1	1	2	4
Consumption of energy branch	-	-	-	-	-	-
Industry	324	275	286	320	301	308
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	17	14	22	24	20	20
Non-met. mineral prod.	184	156	188	210	210	215
Food, drink, tobacco	102	87	73	82	67	69
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	47	33	45	54	67	76

6.2 Coal derivatives and peat

		DANMARK					
		2001	2002	2003	2004	2005	2006
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		795	693	685	678	619	555
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		38	37	34	39	34	35
<i>among which:</i>							
Iron & steel industry		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		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		762	664	656	650	594	532
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Consumption in industry		47	47	22	22	20	20

7. Renewable energy sources

		DANMARK					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	2 207	2 351	2 637	2 835	2 955	2 957
Hydro (excl. pumping)		2	3	2	2	2	2
Wind		370	419	478	566	569	525
Solar		8	9	9	9	10	10
Geothermal		3	4	4	4	3	12
Biomass		1 822	1 917	2 144	2 253	2 371	2 408
	<i>among which:</i>						
Wood, wood-waste		957	991	1 144	1 215	1 277	1 274
Municipal solid waste		770	809	874	890	939	953
Biogas		73	80	85	89	91	94
Gross inland consumption		2 296	2 456	2 798	3 054	3 262	3 257
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		3	4	4	4	3	12
Biomass		1 194	1 307	1 506	1 639	1 738	1 711
	<i>among which:</i>						
Wood, wood-waste		407	487	628	745	798	766
Municipal waste		726	754	808	821	866	876
Biogas		61	66	71	73	74	70
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	725	722	805	837	947	1 003
	<i>by sector:</i>						
Industry		126	93	111	115	122	123
Services & households etc.		599	629	694	722	826	877
Transport		-	-	-	-	-	4
	<i>by source:</i>						
Biomass		717	714	797	829	939	994
	<i>among which:</i>						
Wood, wood-waste		662	646	717	748	850	891
Municipal waste		44	55	66	63	71	75
Biogas		11	14	14	18	17	24
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		1	1	2	2	2	2
Hydro with installed capacity < 1 MW		14	32	11	14	11	12
Hydro with installed capacity > 1 & <10 MW		14	17	10	13	11	12
Hydro with installed capacity > 10 MW		-	15	-	-	-	-
Wood, Wood-waste		587	878	1 400	1 834	1 898	1 715
Municipal waste		938	1 384	1 471	1 447	1 810	1 928
Biogas		173	240	276	279	274	280

		DANMARK					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		1	2	2	2	3	3
Hydro with installed capacity < 1 MW		7	7	7	7	7	7
Hydro with installed capacity > 1 & <10 MW		4	4	4	4	4	2
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		133	215	311	474	584	455
Municipal waste		242	270	285	312	306	299
Biogas		47	53	58	63	65	60
Liquid biofuels							
Production	<i>1000 t</i>	25	40	45	65	71	98
Solar Panels							
Solar panel surface	<i>1000 m²</i>	271	282	298	306	321	337

1. Energy economy

Key figures and energy indicators

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	133 053	133 888	135 246	136 987	135 663	136 850
Net energy imports		216 654	209 252	212 969	215 533	215 281	215 548
Net oil imports		132 373	124 200	126 061	122 149	123 134	121 515
Net gas imports		58 197	60 071	62 437	65 895	65 734	66 434
Gross inland energy consumption		353 163	345 873	348 593	350 292	347 147	349 026
Final energy consumption		223 940	219 240	221 938	220 381	218 369p	223 062p
Industry		58 759	57 925	57 128	55 929	55 666p	55 648p
Transport		64 804	64 371	62 596	63 219	62 149	63 311
Services and households etc.		100 377	96 944	102 215	101 232	100 554p	104 103p
Gross electricity generation	GWh	586 340	571 645	599 470	616 785	620 300	636 600
Final electricity consumption		505 280	498 840	509 265	513 327	517 504	528 024
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	2 157 441	2 157 441	2 152 753	2 175 554	2 192 603	2 255 468
Population	1000 per.	82 260	82 440	82 537	82 532	82 501	82 438
Industry added value	Mio EUR	592 876	582 437	579 933	599 617	601 546	633 307
Total imports (current prices)	Mio EUR	672 695	662 993	698 544	749 048	799 219	888 730
among which:							
All energy commodities		47 607	43 596	47 522	52 487	72 122	88 632
Oil products		31 867	28 073	29 460	34 772	49 247	57 893
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	163.7	160.3	161.9	161.0	158.3	154.7
Final energy consumption / GDP(95)		103.8	101.6	103.1	101.3	99.6	98.9
Energy intensity of industry:							
Final consumption / gross value-added mp		99.1	99.5	98.5	93.3	92.5	87.9
Energy intensity of service sector:							
Final consumption / gross value-added mp		22.9	21.9	23.5	23.3	21.7	22.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 293	4 195	4 223	4 244	4 208	4 234
Final energy consumption / capita		2 722	2 659	2 689	2 670	2 647	2 706
Household consumption / capita		811	780	816	806	821	839
Final electricity consumption / capita	kWh/cap.	6 143	6 051	6 170	6 220	6 273	6 405
Energy dependency							
Net energy imports / Gross consumption	in %	61.0	60.1	60.6	61.1	61.6	61.3
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	63.4	63.4	63.7	62.9	62.9	63.9
Efficiency of thermal power stations		43.2	41.4	41.8	42.4	45.2	44.8

2. Energy balance

Principal aggregates by product

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		133 053	133 888	135 246	136 987	135 663	136 850
<i>among which:</i>	Hard coal	19 697	18 875	18 693	18 701	18 036	15 332
	Lignite and peat	38 479	39 886	39 295	39 638	38 452	37 977
	Crude oil	3 347	3 587	3 773	3 538	3 545	3 453
	Natural Gas	15 932	15 987	15 920	14 732	14 224	14 052
	Nuclear heat	44 189	42 522	42 578	43 095	42 061	43 148
	Hydro-electricity	1 955	1 988	1 656	1 812	1 684	1 714
	Biomass	7 300	7 929	9 587	11 017	12 976	16 175
Imports							
Total		245 602	238 960	243 622	252 456	256 115	259 095
<i>among which:</i>	Hard coal	20 778	20 219	21 652	25 199	24 776	27 169
	Crude oil and feedstocks	107 394	107 236	108 869	112 505	114 698	111 911
	Petroleum products	44 588	36 969	36 726	34 679	35 584	37 589
	Natural Gas	63 444	65 858	68 515	72 869	73 531	75 648
	Electricity	3 936	4 159	4 222	4 143	4 889	4 167
Exports							
Total		28 947	29 709	30 653	36 922	40 834	43 547
<i>among which:</i>	Crude oil and feedstocks	1 052	1 351	662	1 132	718	559
	Petroleum products	18 557	18 654	18 872	23 903	26 431	27 426
	Natural gas	5 248	5 787	6 078	6 974	7 797	9 214
	Electricity	3 622	3 299	4 504	4 369	5 282	5 627
Gross inland consumption							
Total		353 163	345 873	348 593	350 292	347 147	349 026
<i>among which:</i>	Solid fuels	86 438	84 313	84 970	85 845	82 803	82 236
	Crude oil and petrol. prod.	134 641	129 645	127 794	126 240	124 323	124 475
	Natural gas	75 591	75 571	79 131	78 731	80 856	79 495
	Nuclear Energy	44 189	42 522	42 578	43 095	42 061	43 148
	Renewables	10 428	11 593	13 213	15 418	17 492	21 113
Transformation input							
Total		267 360	265 771	273 690	279 246	278 043	280 084
<i>among which:</i>	Crude oil and feedstocks	118 766	118 770	120 899	124 829	127 966	125 721
	Petroleum products	1 787	1 722	1 857	2 079	2 627	2 212
	Hard coal	39 040	37 980	39 590	40 313	36 982	38 483
	Lignite and peat	39 072	40 118	39 399	39 656	38 679	38 885
	Renewables	2 253	2 548	3 777	4 567	5 185	6 262
Transformation output							
Total		184 381	182 405	187 430	192 528	196 535p	195 960p
<i>among which:</i>	Electricity	47 164	45 377	47 793	48 396	48 587	49 749
	Heat	7 531	7 554	7 724	7 514	8 722p	8 722p

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		223 940	219 240	221 938	220 381	218 369p	223 062p
<i>among which:</i>	Solid fuels	10 864	11 007	10 084	10 241	9 829	9 791
	Petroleum products	101 208	96 616	93 727	91 266	88 706	89 742
	Natural Gas	53 908	53 882	58 848	58 858	57 141	57 689
	Renewables	5 312	5 677	6 045	6 711	8 088	10 225
	Electricity	43 446	42 893	43 789	44 138	44 497	45 402
Final energy consumption by sector							
Industry							
Total		58 759	57 925	57 128	55 929	55 666p	55 648p
<i>among which:</i>	Solid fuels	9 601	9 430	8 823	8 889	8 945	8 802
	Petroleum Products	5 692	5 317	4 894	4 746	4 486	4 586
	Natural Gas	18 633	18 607	19 183	17 543	17 244	17 254
	Renewables	636	759	478	812	955	1 027
	Electricity	20 344	20 084	19 930	20 107	19 957	19 725
Transport							
Total		64 804	64 371	62 596	63 219	62 149	63 311
<i>among which:</i>	Motor spirit	29 160	28 363	26 949	26 045	24 131	22 996
	Diesel oil	26 821	27 118	26 317	27 008	26 286	26 632
	Jet fuel	7 010	6 984	7 148	7 715	8 304	8 727
	Electricity	1 410	1 392	1 388	1 393	1 393	1 402
Services&households							
Total		100 377	96 944	102 215	101 232	100 554p	104 103p
<i>among which:</i>	Solid fuels	1 239	1 555	1 261	1 352	884	989
	Gas oil	31 123	27 602	27 148	24 470	24 199	25 504
	Natural Gas	35 275	35 275	39 665	41 316	39 897	40 434
	Renewables	4 365	4 430	4 856	4 924	5 185	5 731
	Electricity	21 693	21 416	22 471	22 638	23 147	24 275
	Heat	5 335	5 427	5 615	5 323	6 019p	5 947p

3.1 Electricity balance

	DEUTSCHLAND						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		586 340	571 645	599 470	616 785	620 300	636 600
<i>among which:</i>							
Hydro		27 253	27 864	24 440	27 874	26 717	27 304
Wind		10 456	15 856	18 859	25 509	27 229	30 710
Geothermal		-	-	-	-	-	-
Nuclear		171 305	164 842	165 060	167 065	163 055	167 269
Conventional thermal		377 210	362 895	390 778	395 780	402 017	409 097
<i>of which:</i>							
Hard coal		138 999	133 729	142 304	141 611	127 983	128 261
Lignite and peat		154 669	150 816	164 277	157 911	141 630	138 704
Petroleum products		4 773	4 342	4 712	10 140	10 583	9 549
Natural gas		58 430	54 061	58 505	61 475	68 405	70 781
Derived gases		7 913	6 999	7 628	8 610	8 204	6 769
Biomass		5 250	7 688	10 144	11 473	16 570	21 265
Industrial wastes		7 176	5 260	3 208	4 560	28 642	33 768
Total net generation		548 917	535 934	564 338	576 898	577 754	594 914
Imports and exports							
Total imports		45 779	48 370	49 107	48 187	56 861	48 464
Total exports		42 122	38 372	52 379	50 808	61 427	65 441
Consumption and losses							
Consumption of the energy branch		54 425	52 507	54 792	59 855	61 766	57 803
<i>of which:</i>							
Consumption for pumped-storage		1 514	1 579	2 552	2 513	2 378	1 641
Network losses		25 772	25 556	26 968	34 185	29 328	28 804
Final energy consumption		505 280	498 840	509 265	513 327	517 504	528 024
<i>of which:</i>							
Industry		236 597	233 582	231 785	233 842	232 104	229 402
<i>among which:</i>							
Iron&steel industry		24 380	24 070	23 874	24 086	26 999	29 876
Non-ferrous metals		19 070	18 827	18 774	18 941	18 100	15 925
Chemical industry		49 820	49 185	48 906	49 341	54 765	49 236
Non-met. mineral prod.		15 281	15 087	15 066	15 200	12 248	12 791
Food, drink, tobacco		15 150	14 957	14 834	14 966	16 811	17 249
Pulp, paper and print		22 437	22 151	22 020	22 215	25 094	25 472
Engineering & metal		30 121	29 738	29 437	29 698	30 543	30 030
Other industries		53 790	53 102	52 384	52 847	42 458	43 915
Transport		16 399	16 190	16 144	16 200	16 200	16 300
Services & households etc.		252 284	249 068	261 336	263 285	269 200	282 322
<i>among which:</i>							
Households		132 865	131 172	139 548	140 389	141 800	141 500

3.2 Electrical capacity, fuel inputs and heat

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	119 923	125 995	124 669	123 865	123 522	125 001
by source:							
Conventional thermal		79 380	81 092	80 365	78 413	76 375	75 176
<i>of which:</i>							
Steam		69 000	:	:	:	:	:
Gas turbine		6 246	:	:	:	:	:
Combined cycle		3 179	:	:	:	:	:
Internal combustion		955	:	:	:	:	:
Nuclear		22 396	23 403	21 439	20 552	20 378	20 208
Hydro		9 393	9 499	8 256	8 271	8 341	8 995
<i>among which:</i>							
Pumped storage		4 562	4 562	4 198	4 198	4 198	4 854
Wind		8 754	12 001	14 609	16 629	18 428	20 622
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		109 785	116 150	114 739	114 260	114 409	121 786
Autoproducers		10 333	10 105	10 318	10 313	10 621	9 797
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	89 342	90 383	95 708	95 002	92 517	95 112
<i>among which:</i>							
Hard coal		32 695	31 652	32 827	32 510	29 789	31 236
Lignite and peat		36 278	38 285	37 654	36 838	35 907	35 960
Petroleum products		1 140	1 094	1 384	1 462	2 051	1 480
Natural gas		13 217	13 217	16 866	16 331	17 453	18 056
Renewables		2 253	2 548	3 590	4 352	4 933	6 044
Heating plants		1 424	1 506	1 479	1 376	868	840
<i>among which:</i>							
Hard coal		-	76	98	445	-	-
Lignite and peat		36	35	-	-	-	-
Petroleum products		170	172	-	214	211	186
Natural gas		1 182	1 182	1 154	397	405	406
Renewables		-	-	187	216	252	218
Heat production and consumption							
Total heat production	1 000 toe	7 531	7 554	7 724	7 514	8 722p	8 722p
among which: in heating plants		1 352	1 297	1 344	1 297	1 505p	1 505p
Heat consumption		6 392	6 459	6 649	6 399	7 428p	7 428p
<i>of which: in industry</i>		1 057	1 032	1 034	1 076	1 409p	1 481p
in households and services		5 335	5 427	5 615	5 323	6 019p	5 947p
<i>among which: in households</i>		3 157	3 214	3 370	3 150	3 630p	3 630p

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	DEUTSCHLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	3 278	3 509	3 690	3 463	3 471	3 383
Total imports	105 171	104 897	106 464	110 126	112 314	109 649
Total exports	1 030	1 322	647	1 108	703	548
Stock changes	-750	-47	-242	-629	-388	-917
Refinery intake	116 365	116 244	118 295	122 256	125 370	123 241
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	23 072	20 547	20 472	22 031	25 555	23 104
Near and Middle East	11 714	11 197	10 230	8 560	8 017	7 286
Africa	18 232	18 155	16 884	16 952	20 789	20 220
<i>by country of origin:</i>						
Algeria	3 958	4 231	3 727	2 869	4 572	2 337
Irak	21	43	30	-	-	60
Iran	256	64	23	405	475	162
Kazakhstan	4 637	5 538	6 627	7 449	7 410	7 613
Kuwait	109	238	-	60	-	62
Libya	10 029	8 731	8 968	12 781	12 915	12 370
Mexico	-	-	-	35	36	34
Nigeria	3 013	2 824	2 883	914	2 124	3 118
Norway	20 969	22 283	22 281	21 804	17 289	18 520
Russia	30 303	31 605	33 483	37 066	38 170	36 915
Saudi Arabia	4 016	3 612	3 880	4 219	4 137	3 561
Syria	7 312	7 240	6 297	3 936	3 405	3 447
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	DEUTSCHLAND					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	114 292	114 083	116 165	119 954	122 675	120 571
<i>among which:</i>						
Motor spirit	26 021	25 970	26 449	26 467	27 240	26 576
Kerosene and jet fuel	4 206	4 165	4 204	4 431	4 266	4 417
Naphtha	8 495	8 663	8 693	9 389	9 063	8 510
Gas/diesel oil	46 943	47 455	48 638	49 551	52 137	50 854
Residual fuel oil	13 192	12 183	12 232	14 013	13 340	13 684
Total imports	43 669	36 338	36 086	34 070	34 961	37 060
Total exports	18 495	18 584	18 846	23 819	26 301	27 305
Bunkers	2 280	2 445	2 664	2 726	2 553	2 641
Stock changes	597	2 449	-1 301	1 613	-1 660	884
Gross inland consumption	24 737	19 446	15 292	11 217	6 530	9 972
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	24 234	19 341	19 409	19 410	20 604	21 836
United Kingdom	2 145	1 570	921	1 448	1 654	2 000
Norway	541	459	814	351	300	250
OPEC	543	879	580	526	181	161
Imports by product						
<i>among which:</i>						
Motor spirit	7 838	5 508	5 204	4 123	3 258	2 141
Kerosene and jet fuel	3 396	3 193	3 321	3 902	4 523	4 586
Gas/diesel oil	19 545	14 475	14 633	13 121	13 612	16 290
Residual fuel oil	2 328	2 925	3 249	2 762	3 060	3 321
Exports by product						
<i>among which:</i>						
Motor spirit	4 661	4 399	4 155	5 264	5 708	5 599
Kerosene and jet fuel	517	386	292	537	458	506
Gas/diesel oil	5 576	6 242	6 328	8 150	10 003	10 876
Residual fuel oil	4 066	3 611	4 004	5 377	5 668	5 892
Consumption						
Inputs to electricity plants	1 191	1 161	1 473	1 605	2 192	1 600
Inputs to heating plants	168	170	-	219	216	183
Non-energy use	22 319	21 999	22 119	22 474	22 112	22 295
Final energy consumption	98 561	94 084	91 249	88 832	86 355	87 414
Industry						
<i>among which by product:</i>						
Gas/diesel oil	2 250	2 180	2 087	2 265	2 173	2 201
Residual fuel oil	2 544	2 380	2 106	1 855	1 662	1 633

<i>in 1 000 t</i>	DEUTSCHLAND					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	1 125	888	886	864	782	782
Non-ferrous metals	130	122	119	121	121	121
Chemical industry	432	326	6	28	95	86
Non-met. mineral prod.	1 059	1 313	1 232	1 112	934	972
Food, drink, tobacco	860	690	689	582	582	582
Pulp, paper and print	212	215	211	181	181	189
Engineering & metal	738	801	780	784	784	798
Other industries	996	854	851	922	845	901
Transport	60 994	60 444	58 543	58 915	56 961	56 633
<i>among which:</i>						
Motor spirit	27 747	26 989	25 643	24 783	22 962	21 882
Jet fuel	6 825	6 800	6 960	7 512	8 085	8 497
Diesel oil	26 360	26 652	25 865	26 544	25 834	26 174
Services & households etc.	31 814	28 256	27 774	25 151	24 898	26 178
<i>among which:</i>						
Gas oil	30 588	27 128	26 682	24 050	23 783	25 066
Residual fuel oil	6	5	5	5	8	5
Stocks at end of period						
Crude oil and feedstocks	15 433	15 480	15 722	16 351	16 739	17 656
Petroleum products	20 960	18 511	19 812	18 199	19 856	18 972

5. Natural gas

<i>in TJ (GCV)</i>	DEUTSCHLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	741 143	743 728	740 615	685 342	661 721	653 696
Total imports	2 951 423	3 063 709	3 187 328	3 389 857	3 420 663	3 519 141
Total exports	244 115	269 209	282 769	324 436	362 714	428 634
Stock changes	68 040	-22 680	36 000	-88 200	41 760	-46 080
Gross inland consumption	3 516 491	3 515 548	3 681 174	3 662 563	3 761 430	3 698 123
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	831 264	964 662	987 800	1 038 277	1 097 831	1 069 246
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	1 235 435	1 249 659	1 398 271	1 466 679	1 425 938	1 477 669
Consumption						
Inputs to electricity plants	614 838	614 838	784 606	759 715	811 901	839 978
Inputs to heat plants	55 000	55 000	53 670	18 447	18 843	18 890
Consumption of energy branch	69 669	48 288	32 785	32 700	34 000	18 845
Distribution losses	25 379	22 548	19 488	19 550	7 620	10 048
Non-energy use	100 000	100 000	100 648	100 000	100 000	100 000
Industry	866 799	865 590	892 399	816 095	802 212	802 670
<i>among which:</i>						
Iron&steel industry	114 864	114 803	107 304	111 254	90 606	107 350
Non-ferrous metals	38 059	37 965	39 700	33 654	35 116	35 074
Chemical industry	217 593	225 563	235 870	212 090	217 083	197 226
Non-met. mineral prod.	121 035	115 651	120 936	112 748	113 513	117 162
Food, drink, tobacco	90 809	99 205	103 738	78 724	79 016	76 731
Pulp, paper and print	96 439	92 501	96 728	103 538	105 648	103 455
Engineering & metal	118 155	115 172	120 435	112 304	109 706	114 492
Other industries	45 478	41 267	43 153	32 510	33 459	34 034
Transport	-	-	-	-	-	-
Services & households etc.	1 641 000	1 641 000	1 845 209	1 922 000	1 856 000	1 881 000
<i>among which:</i>						
Households	1 150 000	1 150 000	1 251 209	1 320 000	1 350 000	1 340 000
Services	480 000	480 000	581 000	590 000	496 000	529 000

6.1 Hard coal

<i>in 1 000 t</i>	DEUTSCHLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	30 669	29 209	28 753	29 151	28 018	23 762
Total imports	33 511	32 607	34 917	39 536	37 105	42 132
Total exports	112	227	195	184	255	199
Stock changes	3 270	1 178	2 907	-581	-916	-157
Gross inland consumption	67 338	62 767	66 382	67 922	63 952	65 538
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 221	4 510	5 006	3 996	4 171	4 748
Colombia	3 159	5 823	6 175	3 718	3 069	4 184
Russia	2 216	1 911	2 656	5 831	7 546	8 712
South Africa	5 773	9 898	9 052	9 304	8 305	8 570
USA	827	332	381	966	1 267	2 058
Consumption						
Inputs to electricity plants	52 594	50 953	52 846	51 809	47 400	49 952
Inputs to heat plants	-	125	161	628	-	-
Consumption of energy branch	6	3	1	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	2 511	2 718	3 264	3 606	4 178	4 580
Non-ferrous metals	15	15	16	17	253	27
Chemical industry	716	725	527	241	704	677
Non-met. mineral prod.	980	933	887	640	335	328
Food, drink, tobacco	105	164	139	144	95	102
Pulp, paper and print	410	381	413	384	467	507
Engineering & metal	1	5	-	103	-	-
Other industries	4	6	12	5	17	16
Services & households etc.	404	1 173	751	930	606	521

6.2 Coal derivatives and peat

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		7 265	7 226	7 827	8 479	8 397	8 372
Patent Fuel		140	124	114	102	92	96
Lignite and peat		175 509	181 923	179 230	182 059	178 036	176 422
Brown coal briquettes		5 139	4 942	4 843	5 256	5 252	5 624
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		68 136	67 307	60 878	65 035	64 406	67 729
Blast-furnace gas		167 852	168 895	171 651	180 947	178 259	188 538
Gasworks gas		899	804	757	803	787	780
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		8 531	8 151	6 879	6 459	5 857	5 382
<i>among which:</i>							
Iron & steel industry		7 560	7 458	6 207	5 959	5 380	4 990
Services & households		331	212	106	85	65	50
Patent Fuel		89	105	80	60	52	55
<i>among which:</i>							
Services & households		89	105	80	60	52	55
Lignite and peat		376	371	364	382	398	569
<i>among which:</i>							
Industry		336	336	334	340	365	561
Services & households		40	35	30	42	33	8
Brown coal briquettes		3 662	3 310	3 428	3 716	3 395	3 828
<i>among which:</i>							
Industry		2 209	2 017	2 026	2 502	2 518	2 632
Services & households		1 453	1 293	1 402	1 214	877	1 196
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		45 322	42 785	38 337	38 913	38 296	40 199
Blast-furnace gas		75 995	74 099	81 904	80 134	77 034	79 680
Gasworks gas		887	793	747	792	783	780
Inputs to electricity plants		76 798	77 151	77 987	83 554	80 806	85 520
Inputs to heat plants		786	992	904	3 447	-	-
Consumption of energy branch		28 418	36 823	31 356	34 063	36 145	34 570
Consumption in industry		121 646	117 178	120 502	119 315	115 591	120 132

7. Renewable energy sources

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	10 428	11 593	13 213	15 418	17 492	21 169
Hydro (excl. pumping)		1 955	1 988	1 656	1 812	1 684	1 714
Wind		899	1 363	1 622	2 193	2 341	2 641
Solar		150	184	216	262	353	472
Geothermal		124	128	132	134	138	167
Biomass		7 300	7 929	9 587	11 017	12 976	16 175
<i>among which:</i>							
Wood, wood-waste		4 710	4 702	6 680	7 783	7 754	8 816
Municipal solid waste		1 433	1 463	1 258	1 248	1 662	1 838
Biogas		843	1 270	918	992	1 332	1 665
Gross inland consumption		10 428	11 593	13 213	15 418	17 492	21 113
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	10	10	11	14
Biomass		2 253	2 548	3 768	4 557	5 174	6 248
<i>among which:</i>							
Wood, wood-waste		275	233	1 656	2 385	1 983	2 493
Municipal waste		1 433	1 463	1 258	1 248	1 662	1 838
Biogas		541	846	834	905	1 248	1 590
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	5 312	5 677	6 045	6 711	8 088	10 225
<i>by sector:</i>							
Industry		636	759	478	812	955	1 027
Services & households etc.		4 365	4 430	4 856	4 924	5 185	5 731
Transport		311	489	711	975	1 948	3 467
<i>by source:</i>							
Biomass		5 048	5 382	5 735	6 373	7 718	9 791
<i>among which:</i>							
Wood, wood-waste		4 435	4 469	5 024	5 398	5 771	6 324
Municipal waste		-	-	-	-	-	-
Biogas		301	424	-	-	-	-
Geothermal		124	128	122	124	127	153
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		116	188	333	557	1 282	2 220
Hydro with installed capacity < 1 MW		2 208	2 800	3 400	3 314	3 300	3 222
Hydro with installed capacity > 1 & <10 MW		5 426	5 794	4 567	5 064	4 659	4 774
Hydro with installed capacity > 10 MW		14 517	14 530	11 297	12 698	11 622	11 935
Wood, Wood-waste		639	543	2 775	3 900	4 647	6 518
Municipal waste		3 718	3 898	4 324	4 232	6 075	7 278
Biogas		2 077	3 247	2 968	3 264	4 708	6 155

		DEUTSCHLAND					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		195	260	388	708	1 508	2 831
Hydro with installed capacity < 1 MW		534	555	540	555	641	641
Hydro with installed capacity > 1 & <10 MW		887	972	1 004	1 009	1 073	1 073
Hydro with installed capacity > 10 MW		3 410	3 410	2 423	2 423	2 429	2 429
Wood, Wood-waste		190	285	526	884	1 008	1 094
Municipal waste		585	585	847	1 016	1 256	1 369
Biogas		560	580	599	654	1 074	1 409
Liquid biofuels							
Production	<i>1000 t</i>	354	556	822	1 137	2 569	4 469
Solar Panels							
Solar panel surface	<i>1000 m²</i>	4 207	4 754	5 477	6 235	7 197	8 610

1. Energy economy

Key figures and energy indicators

		EESTI					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	3 428	3 653	4 205	4 029	4 210	3 858
Net energy imports		1 663	1 491	1 466	1 657	1 471	1 885
Net oil imports		816	886	855	911	873	1 246
Net gas imports		710	596	680	775	800	808
Gross inland energy consumption		5 116	4 998	5 465	5 643	5 559	5 420
Final energy consumption		2 521	2 544	2 625	2 743	2 783	2 775
Industry		583	549	644	615	645	615
Transport		653	681	644	712	769	797
Services and households etc.		1 284	1 314	1 337	1 415	1 369	1 363
Gross electricity generation	GWh	8 484	8 527	10 159	10 304	10 205	9 731
Final electricity consumption		5 134	5 272	5 573	5 892	6 023	6 473
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	4 160	4 494	4 819	5 217	5 746	6 389
Population	1000 per.	1 367	1 361	1 356	1 351	1 348	1 345
Industry added value	Mio EUR	1 171	1 267	1 373	1 474	1 681	1 884
Total imports (current prices)	Mio EUR	4 249	4 503	4 971	5 743	6 678	7 822
among which:							
All energy commodities		:	:	:	305	728	1 695
Oil products		:	:	:	268	635	1 568
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 229.7	1 112.3	1 134.1	1 081.7	967.4	848.3
Final energy consumption / GDP(95)		605.9	566.2	544.8	525.8	484.3	434.3
Energy intensity of industry:							
Final consumption / gross value-added mp		498.3	433.2	469.3	417.5	383.9	326.5
Energy intensity of service sector:							
Final consumption / gross value-added mp		123.7	127.1	129.1	132.0	118.2	108.9
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 742	3 672	4 030	4 176	4 125	4 031
Final energy consumption / capita		1 844	1 869	1 936	2 030	2 065	2 064
Household consumption / capita		687	674	683	683	660	655
Final electricity consumption / capita	kWh/cap.	3 756	3 873	4 110	4 361	4 470	4 814
Energy dependency							
Net energy imports / Gross consumption	in %	31.9	29.1	26.3	28.6	25.9	33.5
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	49.3	50.9	48.0	48.6	50.1	51.2
Efficiency of thermal power stations		40.3	42.0	42.1	37.8	43.3	44.3

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	3 428	3 653	4 205	4 029	4 210	3 858
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	2 625	2 813	3 247	3 035	3 176	3 099
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	1	1	1	2	2	1
Biomass	551	567	665	676	674	616
Imports						
Total	1 954	1 847	1 951	2 184	1 987	2 139
<i>among which:</i> Hard coal	54	39	37	29	35	62
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	939	1 039	1 012	1 104	1 085	1 246
Natural Gas	710	596	680	775	800	808
Electricity	23	35	8	30	30	22
Exports						
Total	291	356	485	527	516	254
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	122	153	158	193	212	-
Natural gas	-	-	-	-	-	-
Electricity	77	95	171	184	168	86
Gross inland consumption						
Total	5 116	4 998	5 465	5 643	5 559	5 420
<i>among which:</i> Solid fuels	2 922	2 853	3 323	3 342	3 191	3 043
Crude oil and petrol. prod.	996	1 061	1 047	1 082	1 118	1 103
Natural gas	710	596	680	775	800	808
Nuclear Energy	-	-	-	-	-	-
Renewables	541	548	577	599	589	531
Transformation input						
Total	3 140	3 068	3 426	3 659	3 263	3 120
<i>among which:</i> Crude oil and feedstocks	1	1	1	1	1	1
Petroleum products	107	112	91	83	86	71
Hard coal	3	4	3	3	3	3
Lignite and peat	2 462	2 376	2 818	2 984	2 548	2 422
Renewables	104	106	94	112	132	118
Transformation output						
Total	1 530	1 559	1 689	1 681	1 675	1 644
<i>among which:</i> Electricity	729	733	872	883	871	829
Heat	634	644	611	644	656	645

<i>in 1 000 toe</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Final energy consumption						
Total	2 521	2 544	2 625	2 743	2 783	2 775
<i>among which:</i> Solid fuels	135	89	70	86	98	93
Petroleum products	838	866	832	937	965	964
Natural Gas	169	180	251	208	207	218
Renewables	436	442	481	483	447	404
Electricity	441	453	479	507	518	557
Final energy consumption by sector						
Industry						
Total	583	549	644	615	645	615
<i>among which:</i> Solid fuels	104	54	43	52	67	70
Petroleum Products	93	84	99	100	93	82
Natural Gas	101	91	144	105	109	116
Renewables	90	114	119	120	131	84
Electricity	156	162	175	184	186	201
Transport						
Total	653	681	644	712	769	797
<i>among which:</i> Motor spirit	324	322	308	296	309	326
Diesel oil	305	332	309	377	409	435
Jet fuel	16	20	18	30	42	29
Electricity	7	8	8	9	9	7
Services&households						
Total	1 284	1 314	1 337	1 415	1 369	1 363
<i>among which:</i> Solid fuels	31	35	27	34	31	23
Gas oil	51	60	77	113	102	84
Natural Gas	68	90	107	103	98	102
Renewables	346	328	361	364	317	320
Electricity	278	283	296	315	323	349
Heat	462	469	448	466	488	476

3.1 Electricity balance

	EESTI						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		8 484	8 527	10 159	10 304	10 205	9 731
<i>among which:</i>							
Hydro		7	6	13	22	22	13
Wind		1	1	6	8	54	76
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		8 476	8 520	10 140	10 274	10 129	9 642
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		7 656	7 748	9 371	9 524	9 302	8 789
Petroleum products		41	29	43	36	32	30
Natural gas		768	713	699	684	760	784
Derived gases		-	-	-	-	-	-
Biomass		11	30	27	30	21	39
Industrial wastes		-	-	-	-	14	-
Total net generation		7 591	7 598	9 101	9 232	9 114	8 728
Imports and exports							
Total imports		269	412	93	347	345	251
Total exports		891	1 102	1 989	2 141	1 953	1 001
Consumption and losses							
Consumption of the energy branch		1 367	1 308	1 498	1 506	1 471	1 431
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		1 361	1 257	1 192	1 112	1 103	1 077
Final energy consumption		5 134	5 272	5 573	5 892	6 023	6 473
<i>of which:</i>							
Industry		1 814	1 883	2 031	2 135	2 161	2 332
<i>among which:</i>							
Iron&steel industry		4	4	4	3	5	6
Non-ferrous metals		3	3	4	3	7	7
Chemical industry		307	282	305	329	355	359
Non-met. mineral prod.		166	172	194	196	203	215
Food, drink, tobacco		287	292	289	300	304	294
Pulp, paper and print		109	130	127	136	140	267
Engineering & metal		162	196	224	242	252	269
Other industries		512	550	612	646	680	700
Transport		84	97	97	99	103	83
Services & households etc.		3 236	3 292	3 445	3 658	3 759	4 058
<i>among which:</i>							
Households		1 585	1 584	1 594	1 618	1 620	1 675

3.2 Electrical capacity, fuel inputs and heat

		EESTI					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	2 225	2 183	2 169	2 387	2 290	2 288
<i>by source:</i>							
Conventional thermal		2 223	2 180	2 165	2 375	2 254	2 251
<i>of which:</i>							
Steam		2 217	2 169	2 152	2 361	2 236	2 234
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		6	11	13	14	18	17
Nuclear		-	-	-	-	-	-
Hydro		2	3	4	4	5	5
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	8	31	32
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		2 200	2 160	2 146	2 360	2 262	2 264
Autoproducers		24	24	25	27	27	24
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	2 453	2 323	2 658	2 960	2 539	2 374
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		2 206	2 077	2 416	2 731	2 294	2 121
Petroleum products		11	10	11	11	10	8
Natural gas		172	152	146	139	150	147
Renewables		3	5	5	5	8	7
Heating plants		447	489	478	475	495	483
<i>among which:</i>							
Hard coal		3	4	3	3	3	3
Lignite and peat		16	44	113	29	25	39
Petroleum products		96	102	81	73	77	63
Natural gas		209	229	190	256	263	266
Renewables		101	101	89	107	125	111
Heat production and consumption							
Total heat production	1 000 toe	634	644	611	644	656	645
<i>among which: in heating plants</i>							
		375	402	365	409	428	423
Heat consumption		502	514	490	522	547	539
<i>of which: in industry</i>							
		40	45	42	56	60	63
<i>in households and services</i>							
		462	469	448	466	488	476
<i>among which: in households</i>							
		397	393	373	371	377	374

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	-	-	-	-	-	-
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Refinery intake	1	1	1	1	1	1
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

<i>in 1 000 t</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	1	1	1	1	1	1
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	1	1	1	1	1	1
Total imports	922	1 025	993	1 085	1 064	1 229
Total exports	128	160	165	202	222	-
Bunkers	102	120	114	153	122	217
Stock changes	27	21	11	7	11	-68
Gross inland consumption	984	1 051	1 030	1 066	1 100	1 084
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	4	1	-	-	-	-
United Kingdom	-	-	-	-	-	-
Norway	18	16	13	8	20	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	301	276	280	290	301	323
Kerosene and jet fuel	14	19	20	27	41	31
Gas/diesel oil	435	523	564	599	586	632
Residual fuel oil	125	129	86	112	88	181
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	127	160	165	202	222	-
Consumption						
Inputs to electricity plants	12	10	11	11	10	8
Inputs to heating plants	100	105	84	76	80	66
Non-energy use	44	68	37	51	44	58
Final energy consumption	819	846	809	915	941	939
Industry						
<i>among which by product:</i>						
Gas/diesel oil	34	32	62	53	50	46
Residual fuel oil	59	50	24	45	41	32

<i>in 1 000 t</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	1	2	1	1	2
Non-met. mineral prod.	10	4	6	6	5	3
Food, drink, tobacco	32	31	14	26	23	17
Pulp, paper and print	19	1	10	1	1	1
Engineering & metal	4	3	7	8	7	8
Other industries	24	38	49	52	48	41
Transport	624	651	615	682	737	766
<i>among which:</i>						
Motor spirit	308	306	293	282	294	310
Jet fuel	16	19	18	29	41	28
Diesel oil	300	326	304	371	402	428
Services & households etc.	100	110	96	132	110	91
<i>among which:</i>						
Gas oil	50	59	76	111	100	83
Residual fuel oil	41	46	13	12	5	4
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	139	115	100	93	82	150

5. Natural gas

<i>in TJ (GCV)</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	33 050	27 714	31 635	36 032	37 201	37 595
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	33 050	27 714	31 635	36 032	37 201	37 595
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	33 050	27 714	31 635	36 032	37 201	37 595
Consumption						
Inputs to electricity plants	7 991	7 091	6 770	6 472	6 972	6 857
Inputs to heat plants	9 745	10 645	8 855	11 921	12 241	12 353
Consumption of energy branch	373	257	376	298	288	222
Distribution losses	-	-	-	-	-	-
Non-energy use	7 116	1 326	3 965	7 668	8 068	8 011
Industry	4 695	4 212	6 690	4 873	5 089	5 406
<i>among which:</i>						
Iron&steel industry	7	7	10	10	25	25
Non-ferrous metals	4	25	4	31	20	19
Chemical industry	93	56	73	116	125	73
Non-met. mineral prod.	1 153	735	1 902	920	860	928
Food, drink, tobacco	1 336	1 235	1 184	1 044	1 279	1 248
Pulp, paper and print	624	637	885	849	649	837
Engineering & metal	162	229	483	270	438	441
Other industries	643	743	983	916	1 006	1 183
Transport	-	-	-	-	-	-
Services & households etc.	3 148	4 183	4 979	4 800	4 543	4 746
<i>among which:</i>						
Households	1 937	1 714	1 737	1 795	2 092	2 124
Services	1 043	2 280	2 987	2 723	2 151	2 291

6.1 Hard coal

<i>in 1 000 t</i>	EESTI					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	84	60	57	44	54	95
Total exports	-	-	-	-	-	-
Stock changes	25	1	-13	14	2	-25
Gross inland consumption	109	61	44	58	56	70
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	84	59	57	44	54	95
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	6	6	5	4	4	4
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	67	13	8	9	9	35
Food, drink, tobacco	1	1	1	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	1	1	1	1	1
Other industries	1	-	-	2	1	-
Services & households etc.	35	39	28	41	40	29

6.2 Coal derivatives and peat

		EESTI					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		26	30	30	35	37	33
Patent Fuel		-	-	-	-	-	-
Lignite and peat		12 186	13 082	15 254	14 272	14 969	14 602
Brown coal briquettes		113	128	120	68	68	101
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		-	-	-	-	-	-
Blast-furnace gas		-	-	-	-	-	-
Gasworks gas		4 348	4 642	5 898	4 471	4 456	5 053
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		4	1	1	-	-	-
<i>among which:</i>							
Iron & steel industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		265	206	175	216	287	225
<i>among which:</i>							
Industry		262	202	172	211	285	224
Services & households		3	4	3	5	2	1
Brown coal briquettes		17	18	18	14	13	10
<i>among which:</i>							
Industry		1	-	1	-	-	-
Services & households		16	18	17	14	13	10
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		-	-	-	-	-	-
Blast-furnace gas		-	-	-	-	-	-
Gasworks gas		-	-	1 065	-	-	-
Inputs to electricity plants		2 826	3 669	3 785	3 441	3 601	4 211
Inputs to heat plants		984	396	90	333	109	109
Consumption of energy branch		538	567	947	697	746	733
Consumption in industry		-	-	1 065	-	-	-

7. Renewable energy sources

	EESTI						
	2001	2002	2003	2004	2005	2006	
Primary production							
Total primary production	<i>in 1000 toe</i>	552	568	667	679	680	624
Hydro (excl. pumping)		1	1	1	2	2	1
Wind		0	0	1	1	5	7
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		551	567	665	676	674	616
<i>among which:</i>							
Wood, wood-waste		549	565	663	674	670	612
Municipal solid waste		-	-	-	-	-	-
Biogas		2	2	3	2	4	4
Gross inland consumption		541	548	577	599	589	531
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		104	106	94	112	132	118
<i>among which:</i>							
Wood, wood-waste		102	104	92	110	129	114
Municipal waste		-	-	-	-	-	-
Biogas		2	2	3	2	3	3
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	436	442	481	483	447	404
<i>by sector:</i>							
Industry		90	114	119	120	131	84
Services & households etc.		346	328	361	364	317	320
Transport		-	-	-	-	-	-
<i>by source:</i>							
Biomass		436	442	481	483	447	404
<i>among which:</i>							
Wood, wood-waste		436	442	481	483	447	404
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	1	1
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		7	6	13	22	22	14
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		11	23	21	23	21	25
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	7	14	14

	EESTI					
	2001	2002	2003	2004	2005	2006
Electrical capacities of RES						
	<i>in MW</i>					
Solar photovoltaics (peak)	-	-	-	-	-	-
Hydro with installed capacity < 1 MW	2	3	4	4	5	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

		ÉIRE/IRELAND					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	1 761	1 511	1 834	1 847	1 616	1 597
Net energy imports		13 684	13 742	13 573	13 861	13 657	14 217
Net oil imports		8 871	8 841	8 594	8 845	8 503	8 749
Net gas imports		2 925	3 001	3 133	2 960	3 010	3 602
Gross inland energy consumption		14 956	15 269	14 988	15 808	15 123	15 518
Final energy consumption		11 109	11 208	11 463	11 685	12 340	13 037
Industry		2 334	2 290	2 236	2 234	2 481	2 754
Transport		4 288	4 398	4 440	4 614	4 997	5 373
Services and households etc.		4 487	4 520	4 788	4 837	4 862	4 910
Gross electricity generation	GWh	24 981	25 217	25 225	25 575	25 357	27 479
Final electricity consumption		21 024	21 769	23 033	23 058	24 352	25 879
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	85 548	91 177	95 241	99 408	105 395	111 439
Population	1000 per.	3 833	3 900	3 964	4 028	4 109	4 209
Industry added value	Mio EUR	33 021	36 204	36 950	38 479	39 927	41 798
Total imports (current prices)	Mio EUR	81 258	83 068	81 750	88 690	95 555	99 724
among which:							
All energy commodities		2 097	1 862	1 839	2 669	3 769	4 288
Oil products		1 561	1 465	1 470	2 137	3 064	3 411
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	174.8	167.5	157.4	159.0	143.5	139.2
Final energy consumption / GDP(95)		129.9	122.9	120.4	117.5	117.1	117.0
Energy intensity of industry:							
Final consumption / gross value-added mp		70.7	63.3	60.5	58.1	62.1	65.9
Energy intensity of service sector:							
Final consumption / gross value-added mp		39.0	38.4	40.3	37.5	33.7	30.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 902	3 915	3 781	3 925	3 680	3 687
Final energy consumption / capita		2 898	2 874	2 892	2 901	3 003	3 097
Household consumption / capita		683	669	688	700	705	727
Final electricity consumption / capita	kWh/cap.	5 485	5 582	5 811	5 725	5 926	6 148
Energy dependency							
Net energy imports / Gross consumption	in %	90.5	89.1	89.5	86.9	89.7	90.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	74.3	73.4	76.5	73.9	81.6	84.0
Efficiency of thermal power stations		39.6	40.3	42.7	43.6	42.2	42.7

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	1 761	1 511	1 834	1 847	1 616	1 597
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	869	572	1 055	877	789	766
Crude oil	-	-	-	-	-	-
Natural Gas	659	678	544	688	461	411
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	51	78	51	54	54	62
Biomass	154	149	144	171	216	217
Imports						
Total	15 001	15 216	15 159	15 176	15 108	15 521
<i>among which:</i> Hard coal	1 902	1 844	1 740	1 919	1 960	1 720
Crude oil and feedstocks	3 402	3 380	3 295	2 937	3 305	3 222
Petroleum products	6 748	6 918	6 866	7 205	6 631	6 815
Natural Gas	2 925	3 001	3 133	2 960	3 010	3 602
Electricity	3	49	101	135	176	154
Exports						
Total	1 318	1 474	1 586	1 315	1 451	1 304
<i>among which:</i> Crude oil and feedstocks	-	88	86	-	-	-
Petroleum products	1 279	1 369	1 481	1 297	1 432	1 288
Natural gas	-	-	-	-	-	-
Electricity	25	5	1	-	-	1
Gross inland consumption						
Total	14 956	15 269	14 988	15 808	15 123	15 518
<i>among which:</i> Solid fuels	2 756	2 687	2 621	2 420	2 685	2 432
Crude oil and petrol. prod.	8 403	8 599	8 379	9 325	8 426	8 500
Natural gas	3 584	3 679	3 653	3 645	3 470	4 013
Nuclear Energy	-	-	-	-	-	-
Renewables	234	261	235	282	367	420
Transformation input						
Total	8 770	8 440	8 234	7 910	8 225	8 288
<i>among which:</i> Crude oil and feedstocks	3 437	3 235	3 252	3 047	3 343	3 168
Petroleum products	1 228	945	608	782	775	840
Hard coal	1 539	1 485	1 348	1 415	1 408	1 294
Lignite and peat	691	691	657	395	629	544
Renewables	24	19	19	25	30	30
Transformation output						
Total	5 587	5 374	5 373	5 112	5 294	5 529
<i>among which:</i> Electricity	2 040	2 026	2 048	2 058	2 001	2 130
Heat	-	-	-	-	-	-

		ÉIRE/IRELAND					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		11 109	11 208	11 463	11 685	12 340	13 037
<i>among which:</i>	Solid fuels	672	661	662	667	704	658
	Petroleum products	7 266	7 348	7 417	7 563	8 020	8 434
	Natural Gas	1 234	1 197	1 277	1 325	1 337	1 532
	Renewables	130	130	126	147	184	188
	Electricity	1 808	1 872	1 980	1 983	2 094	2 225
Final energy consumption by sector							
Industry							
Total		2 334	2 290	2 236	2 234	2 481	2 754
<i>among which:</i>	Solid fuels	131	126	129	148	164	134
	Petroleum Products	982	947	937	932	1 066	1 089
	Natural Gas	440	432	437	433	427	596
	Renewables	113	113	108	129	163	164
	Electricity	667	672	626	592	660	772
Transport							
Total		4 288	4 398	4 440	4 614	4 997	5 373
<i>among which:</i>	Motor spirit	1 631	1 667	1 665	1 711	1 801	1 974
	Diesel oil	1 894	1 926	1 988	2 153	2 331	2 491
	Jet fuel	736	782	764	724	836	864
	Electricity	2	2	2	4	5	8
Services&households							
Total		4 487	4 520	4 788	4 837	4 862	4 910
<i>among which:</i>	Solid fuels	541	535	533	519	540	525
	Gas oil	1 070	1 075	1 076	1 034	1 065	1 011
	Natural Gas	794	765	841	891	910	936
	Renewables	17	17	18	18	20	22
	Electricity	1 138	1 198	1 353	1 386	1 429	1 446
	Heat	-	-	-	-	-	-

3.1 Electricity balance

<i>in GWh</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	24 981	25 217	25 225	25 575	25 357	27 479
<i>among which:</i>						
Hydro	920	1 264	956	984	975	1 088
Wind	334	388	454	655	1 112	1 622
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	23 727	23 565	23 815	23 936	23 270	24 769
<i>of which:</i>						
Hard coal	7 062	6 821	6 203	6 229	6 389	5 884
Lignite and peat	2 193	2 082	2 028	1 487	2 450	2 138
Petroleum products	5 228	3 751	2 476	3 234	3 340	2 712
Natural gas	9 147	10 829	13 038	12 894	10 961	13 907
Derived gases	-	-	-	-	-	-
Biomass	97	82	70	92	130	128
Industrial wastes	-	-	-	-	-	-
Total net generation	23 703	23 947	24 075	24 423	23 712	26 665
Imports and exports						
Total imports	38	565	1 176	1 574	2 045	1 787
Total exports	288	62	10	-	1	9
Consumption and losses						
Consumption of the energy branch	1 546	1 622	1 534	1 540	1 992	1 734
<i>of which:</i>						
Consumption for pumped-storage	157	182	193	198	186	208
Network losses	1 907	1 966	2 036	2 036	2 041	2 180
Final energy consumption	21 024	21 769	23 033	23 058	24 352	25 879
<i>of which:</i>						
Industry	7 760	7 814	7 276	6 886	7 673	8 976
<i>among which:</i>						
Iron&steel industry	150	22	12	12	12	12
Non-ferrous metals	410	413	385	364	406	501
Chemical industry	1 379	1 389	1 293	1 224	1 364	1 316
Non-met. mineral prod.	578	582	542	513	571	703
Food, drink, tobacco	1 876	1 889	1 759	1 665	1 855	2 198
Pulp, paper and print	320	322	300	284	316	408
Engineering & metal	1 443	1 582	1 481	1 401	1 563	1 855
Other industries	960	967	900	851	949	1 137
Transport	26	23	23	51	59	91
Services & households etc.	13 238	13 932	15 734	16 121	16 620	16 812
<i>among which:</i>						
Households	6 728	6 579	6 966	7 346	7 512	8 083

3.2 Electrical capacity, fuel inputs and heat

		ÉIRE/IRELAND					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	4 729	5 481	5 680	5 839	6 150	6 443
by source:							
Conventional thermal		4 064	4 760	4 899	4 929	5 132	5 171
<i>of which:</i>							
Steam		2 858	2 805	2 761	2 668	2 768	2 735
Gas turbine		423	434	541	649	804	881
Combined cycle		735	1 464	1 472	1 487	1 481	1 481
Internal combustion		48	52	52	52	64	68
Nuclear		-	-	-	-	-	-
Hydro		530	532	532	532	526	526
<i>among which:</i>							
Pumped storage		292	292	292	292	292	292
Wind		135	189	249	378	492	746
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		4 601	5 350	5 544	5 697	6 123	6 181
Autoproducers		128	131	136	142	145	262
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	5 153	5 022	4 796	4 726	4 747	4 984
<i>among which:</i>							
Hard coal		1 518	1 458	1 327	1 387	1 380	1 266
Lignite and peat		552	556	513	297	523	436
Petroleum products		1 207	924	586	770	775	840
Natural gas		1 851	2 065	2 351	2 247	2 040	2 412
Renewables		24	19	19	25	30	30
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	-	-	-	-	-	-
<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

<i>in 1 000 t</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	3 371	3 343	3 258	2 911	3 273	3 195
Total exports	-	87	85	-	-	-
Stock changes	9	-57	52	31	37	-51
Refinery intake	3 406	3 200	3 215	3 020	3 311	3 141
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	2 862	1 970	2 124	1 959	2 500	2 692
Russia	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	3 365	3 154	3 130	2 895	3 120	3 233
<i>among which:</i>						
Motor spirit	669	660	639	552	683	635
Kerosene and jet fuel	241	314	315	252	239	228
Naphtha	12	30	31	21	5	8
Gas/diesel oil	1 173	955	988	964	1 097	1 122
Residual fuel oil	1 132	1 047	1 005	966	948	1 101
Total imports	6 803	6 954	6 917	7 202	6 644	6 820
Total exports	1 318	1 400	1 512	1 324	1 460	1 325
Bunkers	161	149	171	150	104	124
Stock changes	-313	-31	-95	583	-12	-69
Gross inland consumption	5 011	5 374	5 139	6 311	5 068	5 302
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	11	62	142	47	38	32
United Kingdom	5 960	5 775	5 713	6 212	5 788	5 757
Norway	34	607	522	391	198	277
OPEC	-	68	11	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	1 001	1 035	1 114	1 191	1 011	1 143
Kerosene and jet fuel	1 196	1 337	1 353	1 348	1 428	1 464
Gas/diesel oil	2 069	2 320	2 351	2 510	2 168	2 300
Residual fuel oil	1 831	1 497	1 177	1 318	1 145	1 085
Exports by product						
<i>among which:</i>						
Motor spirit	124	162	191	122	176	103
Kerosene and jet fuel	16	94	65	13	7	20
Gas/diesel oil	47	50	118	124	154	82
Residual fuel oil	1 096	1 037	1 080	942	1 013	1 062
Consumption						
Inputs to electricity plants	1 259	964	610	802	805	872
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	209	288	266	294	325	377
Final energy consumption	7 192	7 271	7 336	7 465	7 914	8 320
Industry						
<i>among which by product:</i>						
Gas/diesel oil	185	187	190	180	185	189
Residual fuel oil	435	391	360	372	489	505

<i>in 1 000 t</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	6	5	4	-	-	-
Non-ferrous metals	228	200	182	189	353	365
Chemical industry	132	132	140	141	136	135
Non-met. mineral prod.	326	331	330	324	333	348
Food, drink, tobacco	164	159	159	151	146	137
Pulp, paper and print	10	9	9	10	7	11
Engineering & metal	69	67	69	69	56	54
Other industries	57	56	52	57	61	61
Transport	4 155	4 262	4 303	4 471	4 842	5 202
<i>among which:</i>						
Motor spirit	1 552	1 586	1 584	1 628	1 714	1 878
Jet fuel	717	761	744	705	814	841
Diesel oil	1 861	1 893	1 954	2 116	2 291	2 448
Services & households etc.	1 981	1 988	2 025	1 991	1 927	1 948
<i>among which:</i>						
Gas oil	1 052	1 057	1 058	1 016	1 047	994
Residual fuel oil	160	147	140	130	10	13
Stocks at end of period						
Crude oil and feedstocks	119	176	124	93	56	107
Petroleum products	1 525	1 403	1 531	948	1 590	1 668

5. Natural gas

<i>in TJ (GCV)</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	30 639	31 519	25 293	32 025	21 437	19 107
Total imports	136 078	139 612	145 769	137 683	140 007	167 581
Total exports	-	-	-	-	-	-
Stock changes	-	-	-1 145	-143	-37	-
Gross inland consumption	166 717	171 131	169 917	169 565	161 407	186 688
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	86 131	96 043	109 383	104 511	94 880	112 225
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Distribution losses	2 174	2 195	2 253	2 803	3 363	3 081
Non-energy use	20 996	16 354	6	-	-	-
Industry	20 490	20 075	20 310	20 163	19 887	27 705
<i>among which:</i>						
Iron&steel industry	33	32	44	44	-	-
Non-ferrous metals	-	-	-	-	-	5 744
Chemical industry	7 962	5 104	4 371	4 394	5 142	5 035
Non-met. mineral prod.	1 913	1 746	1 234	1 230	1 393	2 559
Food, drink, tobacco	7 331	6 735	9 039	9 079	9 231	11 508
Pulp, paper and print	-	-	-	-	-	247
Engineering & metal	-	-	-	-	-	159
Other industries	2 035	5 171	4 194	3 988	3 392	1 352
Transport	-	-	-	-	-	-
Services & households etc.	36 926	35 609	39 109	41 468	42 326	43 545
<i>among which:</i>						
Households	22 367	22 077	25 021	27 529	27 883	29 345
Services	14 559	13 532	14 088	13 939	14 443	14 200

6.1 Hard coal

<i>in 1 000 t</i>	ÉIRE/IRELAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	3 024	2 871	2 616	2 886	2 947	2 587
Total exports	3	5	2	5	7	3
Stock changes	-13	-82	117	-75	-70	4
Gross inland consumption	3 008	2 784	2 731	2 806	2 870	2 588
Imports						
Imports by origin						
<i>among which:</i>						
Australia	373	513	600	1 224	299	-
Colombia	798	872	454	1 244	1 013	1 090
Russia	-	-	-	-	-	-
South Africa	-	301	808	4	634	375
USA	306	334	222	-	-	-
Consumption						
Inputs to electricity plants	2 461	2 371	2 195	2 239	2 287	2 043
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	208	196	194	222	246	201
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	152	143	142	163	180	171
Food, drink, tobacco	31	29	29	33	36	20
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	12	11	11	12	14	-
Other industries	-	-	-	-	-	-
Services & households etc.	319	288	320	307	311	303

6.2 Coal derivatives and peat

		ÉIRE/IRELAND					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		-	-	-	-	-	-
Patent Fuel		47	55	51	55	55	56
Lignite and peat		4 357	2 870	5 290	4 395	3 956	3 694
Brown coal briquettes		269	273	279	206	215	222
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	46	44	50	54	52
<i>among which:</i>							
Services & households		41	46	44	50	54	52
Lignite and peat		616	622	606	597	634	634
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		616	622	606	597	634	634
Brown coal briquettes		255	261	213	203	205	200
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		255	261	213	203	205	200
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

	ÉIRE/IRELAND						
	2001	2002	2003	2004	2005	2006	
Primary production							
Total primary production	<i>in 1000 toe</i>	234	261	235	282	367	420
Hydro (excl. pumping)		51	78	51	54	54	62
Wind		29	33	39	56	96	139
Solar		0	0	0	0	0	1
Geothermal		0	0	0	0	0	1
Biomass		154	149	144	171	216	217
<i>among which:</i>							
Wood, wood-waste		125	125	119	141	180	181
Municipal solid waste		-	-	-	-	-	-
Biogas		28	23	25	30	34	32
Gross inland consumption		234	261	235	282	367	420
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	-	-	-	-
Biomass		24	19	19	25	30	30
<i>among which:</i>							
Wood, wood-waste		-	-	-	2	2	2
Municipal waste		-	-	-	-	-	-
Biogas		24	19	19	22	27	28
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	130	130	126	147	184	188
<i>by sector:</i>							
Industry		113	113	108	129	163	164
Services & households etc.		17	17	18	18	20	22
Transport		-	-	-	-	1	2
<i>by source:</i>							
Biomass		130	130	126	146	184	186
<i>among which:</i>							
Wood, wood-waste		125	125	119	139	176	180
Municipal waste		-	-	-	-	-	-
Biogas		4	4	7	7	7	4
Geothermal		0	0	0	0	0	1
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		25	31	26	29	49	44
Hydro with installed capacity > 1 & <10 MW		68	24	57	71	54	63
Hydro with installed capacity > 10 MW		503	857	515	530	529	618
Wood, Wood-waste		-	-	-	8	8	8
Municipal waste		-	-	-	-	-	-
Biogas		97	82	86	101	122	121

		ÉIRE/IRELAND					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		10	9	11	11	18	18
Hydro with installed capacity > 1 & <10 MW		27	7	23	27	20	20
Hydro with installed capacity > 10 MW		199	222	206	202	196	196
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		15	19	15	15	18	25
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	1	4
Solar Panels							
Solar panel surface	<i>1000 m²</i>	5	5	6	8	13	15

1. Energy economy

Key figures and energy indicators

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	9 943	10 539	9 887	10 264	10 291	10 050
Net energy imports		22 410	23 308	22 592	24 708	23 448	24 853
Net oil imports		19 669	20 679	19 989	21 828	20 419	21 544
Net gas imports		1 670	1 755	2 002	2 174	2 332	2 721
Gross inland energy consumption		29 061	29 856	30 307	30 773	31 352	31 509
Final energy consumption		19 162	19 546	20 530	20 297	20 800	21 454
Industry		4 505	4 468	4 315	4 054	4 143	4 213
Transport		7 379	7 476	7 818	7 977	8 085	8 502
Services and households etc.		7 278	7 603	8 398	8 266	8 572	8 740
Gross electricity generation	GWh	53 704	54 608	58 471	59 346	60 020	60 789
Final electricity consumption		44 535	46 564	48 598	49 738	50 904	52 524
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	124 686	129 553	136 076	142 305	147 761	153 960
Population	1000 per.	10 931	10 969	11 006	11 041	11 083	11 125
Industry added value	Mio EUR	26 362	26 977	28 967	28 676	29 973	33 056
Total imports (current prices)	Mio EUR	43 640	43 564	47 336	52 407	52 644	57 222
among which:							
All energy commodities		5 005	4 522	5 437	5 383	7 888	9 713
Oil products		4 618	4 151	4 991	4 906	7 249	8 791
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	233.1	230.5	222.7	216.2	212.2	204.7
Final energy consumption / GDP(95)		153.7	150.9	150.9	142.6	140.8	139.4
Energy intensity of industry:							
Final consumption / gross value-added mp		170.9	165.6	148.9	141.4	138.2	127.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		18.9	18.8	19.4	19.7	20.7	21.8
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 659	2 722	2 754	2 787	2 829	2 832
Final energy consumption / capita		1 753	1 782	1 865	1 838	1 877	1 928
Household consumption / capita		430	448	498	487	495	494
Final electricity consumption / capita	kWh/cap.	4 074	4 245	4 415	4 505	4 593	4 721
Energy dependency							
Net energy imports / Gross consumption	in %	68.9	70.7	67.5	72.7	68.6	71.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.9	65.5	67.7	66.0	66.3	68.1
Efficiency of thermal power stations		37.0	35.5	37.7	37.9	37.2	38.2

2. Energy balance

Principal aggregates by product

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		9 943	10 539	9 887	10 264	10 291	10 050
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	8 392	8 914	8 176	8 547	8 538	8 137
	Crude oil	192	190	138	134	101	95
	Natural Gas	40	42	31	29	18	26
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	180	241	410	402	431	520
	Biomass	970	996	945	954	990	1 006
Imports							
Total		26 430	27 685	28 791	30 627	29 550	32 109
<i>among which:</i>	Hard coal	885	644	485	498	395	237
	Crude oil and feedstocks	20 205	20 733	21 219	21 743	20 367	22 609
	Petroleum products	3 360	4 156	4 723	5 792	5 970	6 010
	Natural Gas	1 670	1 755	2 002	2 174	2 332	2 721
	Electricity	306	396	358	417	483	528
Exports							
Total		4 020	4 377	6 199	5 919	6 103	7 256
<i>among which:</i>	Crude oil and feedstocks	-	389	1 110	816	924	1 062
	Petroleum products	3 896	3 821	4 843	4 891	4 994	6 014
	Natural gas	-	-	-	-	-	-
	Electricity	91	147	179	175	158	167
Gross inland consumption							
Total		29 061	29 856	30 307	30 773	31 352	31 509
<i>among which:</i>	Solid fuels	9 308	9 319	8 906	9 101	8 952	8 392
	Crude oil and petrol. prod.	16 499	17 057	17 619	17 612	18 063	18 207
	Natural gas	1 683	1 801	2 026	2 229	2 354	2 747
	Nuclear Energy	-	-	-	-	-	-
	Renewables	1 318	1 393	1 543	1 554	1 634	1 796
Transformation input							
Total		33 516	33 918	34 441	33 468	34 008	34 635
<i>among which:</i>	Crude oil and feedstocks	21 740	21 563	22 371	21 215	21 510	22 600
	Petroleum products	1 956	2 033	2 065	1 914	2 055	2 080
	Hard coal	1	6	25	-	-	-
	Lignite and peat	8 476	8 880	8 427	8 667	8 782	8 031
	Renewables	31	47	31	33	28	27
Transformation output							
Total		26 025	25 900	26 857	25 788	26 087	27 061
<i>among which:</i>	Electricity	4 318	4 342	4 481	4 559	4 569	4 524
	Heat	28	28	46	43	49	56

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		19 162	19 546	20 530	20 297	20 800	21 454
<i>among which:</i>	Solid fuels	903	746	603	559	446	402
	Petroleum products	13 042	13 374	14 303	13 933	14 278	14 691
	Natural Gas	317	345	385	461	585	686
	Renewables	1 042	1 050	1 014	1 023	1 066	1 103
	Electricity	3 829	4 004	4 179	4 277	4 377	4 516
Final energy consumption by sector							
Industry							
Total		4 505	4 468	4 315	4 054	4 143	4 213
<i>among which:</i>	Solid fuels	870	721	597	553	435	394
	Petroleum Products	1 922	1 976	1 970	1 718	1 798	1 938
	Natural Gas	294	309	328	373	426	445
	Renewables	236	246	202	207	244	219
	Electricity	1 183	1 215	1 217	1 203	1 240	1 217
Transport							
Total		7 379	7 476	7 818	7 977	8 085	8 502
<i>among which:</i>	Motor spirit	3 506	3 671	3 836	3 920	4 086	4 131
	Diesel oil	2 320	2 335	2 484	2 448	2 465	2 643
	Jet fuel	1 191	1 154	1 162	1 208	1 181	1 295
	Electricity	18	19	20	20	17	19
Services&households							
Total		7 278	7 603	8 398	8 266	8 572	8 740
<i>among which:</i>	Solid fuels	33	25	6	6	10	8
	Gas oil	3 571	3 783	4 386	4 071	4 234	4 129
	Natural Gas	17	27	46	78	147	229
	Renewables	806	804	812	816	822	838
	Electricity	2 628	2 770	2 941	3 054	3 120	3 280
	Heat	28	28	46	43	49	56

3.1 Electricity balance

	ELLÁDA						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		53 704	54 608	58 471	59 346	60 020	60 789
<i>among which:</i>							
Hydro		2 725	3 463	5 332	5 205	5 610	6 475
Wind		756	651	1 021	1 121	1 266	1 699
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		50 223	50 494	52 118	53 019	53 143	52 614
<i>of which:</i>							
Hard coal		6	20	78	-	-	-
Lignite and peat		35 425	34 546	35 092	35 380	35 543	32 264
Petroleum products		8 477	8 633	8 707	8 385	9 207	9 601
Natural gas		6 133	7 061	7 995	8 991	8 171	10 610
Derived gases		-	-	-	-	-	-
Biomass		79	126	105	123	122	114
Industrial wastes		103	108	141	140	100	25
Total net generation		49 730	50 608	54 337	54 888	55 739	56 546
Imports and exports							
Total imports		3 562	4 602	4 169	4 854	5 616	6 140
Total exports		1 062	1 706	2 076	2 034	1 836	1 938
Consumption and losses							
Consumption of the energy branch		6 090	6 263	6 447	6 697	6 705	6 758
<i>of which:</i>							
Consumption for pumped-storage		269	283	241	225	248	183
Network losses		4 951	4 014	4 953	5 199	5 598	5 100
Final energy consumption		44 535	46 564	48 598	49 738	50 904	52 524
<i>of which:</i>							
Industry		13 762	14 130	14 156	13 987	14 419	14 156
<i>among which:</i>							
Iron&steel industry		1 101	1 416	1 550	1 506	1 683	1 776
Non-ferrous metals		3 898	3 929	3 752	4 237	4 615	4 111
Chemical industry		1 094	1 154	627	524	569	529
Non-met. mineral prod.		2 063	2 049	2 072	2 240	2 407	2 311
Food, drink, tobacco		1 231	1 285	1 875	1 899	1 896	2 006
Pulp, paper and print		491	473	576	584	543	583
Engineering & metal		785	808	1 052	720	691	721
Other industries		1 833	1 775	1 550	1 042	992	1 061
Transport		214	222	237	238	199	217
Services & households etc.		30 559	32 212	34 205	35 513	36 286	38 151
<i>among which:</i>							
Households		14 546	15 775	16 444	16 852	16 875	17 676

3.2 Electrical capacity, fuel inputs and heat

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	10 969	11 553	12 078	12 430	13 304	13 566
by source:							
Conventional thermal		7 623	8 188	8 628	8 861	9 708	9 682
<i>of which:</i>							
Steam		5 826	5 826	6 123	6 111	6 104	6 083
Gas turbine		375	434	466	481	523	519
Combined cycle		916	1 391	1 386	1 541	2 306	2 305
Internal combustion		506	537	632	728	775	775
Nuclear		-	-	-	-	-	-
Hydro		3 076	3 078	3 079	3 099	3 105	3 135
<i>among which:</i>							
Pumped storage		699	699	699	699	699	699
Wind		270	287	371	470	491	749
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		10 772	11 356	11 842	12 179	13 048	13 329
Autoproducers		218	218	237	257	257	242
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	11 742	12 312	12 018	12 154	12 405	11 975
<i>among which:</i>							
Hard coal		1	6	25	-	-	-
Lignite and peat		8 442	8 836	8 374	8 569	8 689	7 971
Petroleum products		1 956	2 033	2 065	1 914	2 055	2 080
Natural gas		1 265	1 348	1 484	1 599	1 605	1 889
Renewables		31	47	31	33	28	27
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	28	28	46	43	49	56
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		28	28	46	43	49	56
<i>of which: in industry</i>							
		-	-	-	-	-	-
	in households and services	28	28	46	43	49	56
<i>among which: in households</i>							
		28	28	46	43	49	56

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	ELLÁDA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	191	189	137	133	100	94
Total imports	20 081	20 605	21 102	21 619	20 219	22 421
Total exports	-	387	1 105	812	918	1 054
Stock changes	-150	-311	436	-1 042	786	-28
Refinery intake	21 595	21 416	22 230	21 083	21 344	22 405
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	13 164	9 686	11 693	14 434	12 615	13 024
Near and Middle East	11 953	8 748	10 681	13 138	11 275	10 762
Africa	1 211	1 234	1 371	1 337	1 340	2 262
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	1 303	927	253	255	113	-
Iran	5 382	2 693	4 244	6 592	5 348	5 944
Kazakhstan	6	56	-	-	48	1 353
Kuwait	-	-	-	-	-	-
Libya	1 211	938	989	1 240	1 283	2 222
Mexico	-	-	-	-	-	-
Nigeria	-	-	23	56	57	40
Norway	-	-	-	-	-	-
Russia	5 736	9 078	7 654	5 822	6 036	5 379
Saudi Arabia	5 268	5 128	6 184	6 291	5 814	4 818
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ELLÁDA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	21 483	21 319	22 113	20 991	21 240	22 245
<i>among which:</i>						
Motor spirit	3 770	3 802	3 653	3 629	4 058	4 327
Kerosene and jet fuel	1 803	1 731	1 649	1 749	1 778	1 457
Naphtha	881	795	1 037	960	678	726
Gas/diesel oil	5 452	5 624	6 053	5 369	5 653	6 452
Residual fuel oil	7 361	7 188	7 456	7 095	6 956	6 953
Total imports	3 397	4 200	4 751	5 800	6 001	6 032
Total exports	3 779	3 723	4 728	4 782	4 881	5 892
Bunkers	3 584	3 222	3 297	3 332	2 949	3 184
Stock changes	263	-505	137	-66	-399	-313
Gross inland consumption	-3 703	-3 110	-3 050	-2 380	-2 228	-3 357
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	19	136	89	110	29	11
United Kingdom	28	59	31	44	2	58
Norway	-	-	-	-	-	-
OPEC	464	358	523	641	1 519	847
Imports by product						
<i>among which:</i>						
Motor spirit	116	514	749	1 059	1 023	1 002
Kerosene and jet fuel	261	31	295	240	292	447
Gas/diesel oil	2 435	2 993	3 003	3 672	3 757	3 591
Residual fuel oil	169	36	184	171	264	389
Exports by product						
<i>among which:</i>						
Motor spirit	678	809	942	1 216	1 261	1 351
Kerosene and jet fuel	965	523	869	573	827	708
Gas/diesel oil	794	891	1 102	1 164	1 480	2 311
Residual fuel oil	255	564	649	748	604	835
Consumption						
Inputs to electricity plants	2 006	2 079	2 108	1 952	2 105	2 133
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	685	737	739	792	669	815
Final energy consumption	12 824	13 165	14 070	13 739	14 068	14 476
Industry						
<i>among which by product:</i>						
Gas/diesel oil	500	500	550	227	439	486
Residual fuel oil	830	847	778	801	667	791

<i>in 1 000 t</i>	ELLÁDA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	52	53	54	25	5	6
Non-ferrous metals	272	277	279	269	211	231
Chemical industry	146	139	133	169	166	181
Non-met. mineral prod.	506	570	569	697	720	713
Food, drink, tobacco	272	270	291	216	155	174
Pulp, paper and print	98	97	98	59	55	63
Engineering & metal	34	34	30	26	27	30
Other industries	432	442	460	262	467	555
Transport	7 127	7 210	7 540	7 698	7 798	8 160
<i>among which:</i>						
Motor spirit	3 336	3 493	3 650	3 730	3 888	3 931
Jet fuel	1 160	1 124	1 131	1 176	1 150	1 261
Diesel oil	2 280	2 295	2 441	2 406	2 423	2 598
Services & households etc.	3 694	3 878	4 464	4 189	4 342	4 249
<i>among which:</i>						
Gas oil	3 510	3 718	4 311	4 001	4 161	4 058
Residual fuel oil	34	35	36	44	47	60
Stocks at end of period						
Crude oil and feedstocks	1 685	1 996	1 560	2 602	1 816	1 844
Petroleum products	2 021	2 526	2 389	2 455	2 854	3 168

5. Natural gas

<i>in TJ (GCV)</i>	ELLÁDA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 870	1 973	1 442	1 337	851	1 209
Total imports	77 680	81 622	93 138	101 125	108 495	126 604
Total exports	-	-	-	-	-	-
Stock changes	-1 255	192	-319	1 220	141	-11
Gross inland consumption	78 295	83 787	94 261	103 682	109 487	127 802
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	20 210	20 367	22 528	18 601	17 788	24 098
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	57 470	61 255	70 610	82 524	90 707	102 506
Consumption						
Inputs to electricity plants	58 848	62 699	69 017	74 390	74 679	87 877
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	1 461	1 624	1 479	1 706	1 437	1 501
Distribution losses	466	27	64	235	331	393
Non-energy use	2 754	3 369	5 750	6 106	5 959	6 030
Industry	13 672	14 376	15 281	17 336	19 801	20 690
<i>among which:</i>						
Iron&steel industry	2 956	3 069	2 751	3 057	3 252	3 166
Non-ferrous metals	1 651	1 858	2 407	2 510	2 946	2 372
Chemical industry	405	778	1 001	1 332	2 462	2 006
Non-met. mineral prod.	2 997	3 145	2 773	3 078	3 198	4 316
Food, drink, tobacco	2 441	2 520	3 191	3 818	5 074	5 840
Pulp, paper and print	891	1 151	1 289	1 445	1 245	1 557
Engineering & metal	162	55	66	95	75	87
Other industries	792	547	404	619	653	529
Transport	284	449	495	493	552	582
Services & households etc.	810	1 243	2 157	3 636	6 840	10 648
<i>among which:</i>						
Households	243	398	870	1 612	3 406	6 480
Services	567	845	1 287	2 024	3 434	4 168

6.1 Hard coal

<i>in 1 000 t</i>	ELLÁDA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	1 363	991	747	814	646	383
Total exports	49	8	60	22	13	10
Stock changes	-86	-19	146	-16	-70	90
Gross inland consumption	1 228	964	833	776	563	463
Imports						
Imports by origin						
<i>among which:</i>						
Australia	141	-	-	-	-	-
Colombia	142	-	-	-	-	71
Russia	573	400	244	546	380	225
South Africa	40	305	-	-	132	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	2	10	39	-	-	-
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	1 226	952	791	772	560	461
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	141	160	160	147	131	91
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	1 085	792	631	625	429	370
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	2	3	4	3	2

6.2 Coal derivatives and peat

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
Lignite and peat		66 344	70 468	68 299	70 041	69 398	64 521
Brown coal briquettes		138	179	209	189	183	129
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		250	262	195	199	256	376
<i>among which:</i>							
Industry		172	262	195	195	224	345
Services & households		78	-	-	4	32	31
Brown coal briquettes		116	169	117	105	117	98
<i>among which:</i>							
Industry		80	105	107	97	113	98
Services & households		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

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	1 318	1 393	1 543	1 554	1 634	1 793
Hydro (excl. pumping)		180	241	410	402	431	520
Wind		65	56	88	96	109	146
Solar		100	99	99	101	102	109
Geothermal		2	1	1	1	1	11
Biomass		970	996	945	954	990	1 006
	<i>among which:</i>						
Wood, wood-waste		938	948	909	917	957	931
Municipal solid waste		-	-	-	-	-	-
Biogas		33	48	36	38	33	33
Gross inland consumption		1 318	1 393	1 543	1 554	1 634	1 796
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		31	47	31	33	28	27
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		31	47	31	33	28	27
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	1 042	1 050	1 014	1 023	1 066	1 103
	<i>by sector:</i>						
Industry		236	246	202	207	244	219
Services & households etc.		806	804	812	816	822	838
Transport		-	-	-	-	-	46
	<i>by source:</i>						
Biomass		939	949	915	921	962	983
	<i>among which:</i>						
Wood, wood-waste		938	948	909	917	957	931
Municipal waste		-	-	-	-	-	-
Biogas		2	2	5	5	5	6
Geothermal		2	1	1	1	1	11
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	1	1	1
Hydro with installed capacity < 1 MW		40	58	76	91	106	89
Hydro with installed capacity > 1 & <10 MW		95	92	169	212	218	299
Hydro with installed capacity > 10 MW		1 962	2 650	4 521	4 369	4 693	5 477
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		79	126	105	123	122	114

		ELLÁDA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		1	1	1	1	1	5
Hydro with installed capacity < 1 MW		15	17	19	23	26	21
Hydro with installed capacity > 1 & <10 MW		45	45	50	59	63	95
Hydro with installed capacity > 10 MW		2 317	2 317	2 311	2 318	2 318	2 319
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		22	22	22	24	24	24
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	48
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2 990	2 942	2 935	2 994	3 047	3 296

1. Energy economy

Key figures and energy indicators

		ESPAÑA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	32 910	31 567	32 782	32 399	30 127	31 195
Net energy imports		99 798	108 012	109 080	115 282	123 972	123 811
Net oil imports		72 587	74 246	75 025	76 753	79 421	79 158
Net gas imports		15 827	18 929	21 168	24 615	30 248	31 427
Gross inland energy consumption		127 283	130 808	135 308	141 480	144 588	143 881
Final energy consumption		83 510p	85 623p	90 661p	94 523p	97 455p	96 642p
Industry		27 211p	28 165p	29 777p	30 725p	31 097p	30 111p
Transport		34 372	35 000p	36 856	38 498	39 609p	40 822p
Services and households etc.		21 928	22 458p	24 029	25 300	26 748p	25 709p
Gross electricity generation	GWh	238 002	246 079	262 860	280 007	294 040	303 007
Final electricity consumption		200 953	206 535	219 988	230 669	242 181p	249 858p
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	578 589	594 235	612 635	632 649	655 533	680 838
Population	1000 per.	40 477	40 964	41 664	42 345	43 038	43 758
Industry added value	Mio EUR	160 672	163 329	167 417	171 022	175 755	181 600
Total imports (current prices)	Mio EUR	190 412	197 532	209 826	230 047	247 771	268 257
among which:							
All energy commodities		19 306	18 905	19 113	23 305	32 635	41 123
Oil products		14 669	14 164	14 583	18 067	25 034	31 512
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	220.0	220.1	220.9	223.6	220.6	211.3
Final energy consumption / GDP(95)		144.3	144.1	148.0	149.4	148.7	141.9
Energy intensity of industry:							
Final consumption / gross value-added mp		169.4	172.4	177.9	179.7	176.9	165.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.6	20.7	20.2	20.3	21.6	20.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 145	3 193	3 248	3 341	3 360	3 288
Final energy consumption / capita		2 063	2 090	2 176	2 232	2 264	2 209
Household consumption / capita		308	313	331	340	352	337
Final electricity consumption / capita	kWh/cap.	4 965	5 042	5 280	5 447	5 627	5 710
Energy dependency							
Net energy imports / Gross consumption	in %	74.5	78.5	76.7	77.6	81.3	81.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.6	65.5	67.0	66.8	67.4	67.2
Efficiency of thermal power stations		42.5	42.6	44.1	44.3	46.7	46.7

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	ESPAÑA					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	32 910	31 567	32 782	32 399	30 127	31 195
<i>among which:</i>						
Hard coal	6 148	5 756	5 368	5 135	5 086	4 703
Lignite and peat	1 210	1 693	1 607	1 318	1 178	1 346
Crude oil	341	319	325	257	168	140
Natural Gas	471	467	197	310	144	55
Nuclear heat	16 434	16 255	15 961	16 407	14 842	15 510
Hydro-electricity	3 527	1 981	3 530	2 713	1 681	2 198
Biomass	4 135	4 297	4 700	4 852	5 131	5 173
Imports						
Total	107 124	115 123	117 197	124 962	133 751	135 480
<i>among which:</i>						
Hard coal	11 412	14 665	13 140	14 730	14 741	14 114
Crude oil and feedstocks	58 312	58 163	58 530	59 999	60 834	61 860
Petroleum products	20 601	22 149	23 391	24 804	26 958	27 214
Natural Gas	15 827	18 929	21 168	24 615	30 248	31 427
Electricity	875	1 075	819	697	878	759
Exports						
Total	7 327	7 111	8 117	9 679	9 779	11 669
<i>among which:</i>						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	6 326	6 066	6 897	8 051	8 371	9 916
Natural gas	-	-	-	-	-	-
Electricity	578	617	710	958	994	1 041
Gross inland consumption						
Total	127 283	130 808	135 308	141 480	144 588	143 881
<i>among which:</i>						
Solid fuels	18 456	21 686	20 164	21 096	20 698	17 875
Crude oil and petrol. prod.	67 234	66 580	68 397	70 093	70 610	70 316
Natural gas	16 400	18 751	21 353	25 172	29 844	31 020
Nuclear Energy	16 434	16 255	15 961	16 407	14 842	15 510
Renewables	8 307	7 076	9 324	8 972	8 709	9 442
Transformation input						
Total	102 857	108 108p	106 175	112 556	114 830	116 261
<i>among which:</i>						
Crude oil and feedstocks	58 839	58 970	58 739	60 612	61 490	62 591
Petroleum products	5 102	5 707p	4 937	5 213	5 311	4 551
Hard coal	16 504	19 523	18 148	19 135	19 044	16 849
Lignite and peat	1 503	1 544	1 391	1 561	1 178	1 357
Renewables	707	764	937	1 220	1 391	1 480
Transformation output						
Total	77 226p	79 343p	78 594p	82 671p	85 127p	86 368p
<i>among which:</i>						
Electricity	16 092	18 139	17 786	19 769	21 475	21 542
Heat	0p	0p	0p	0p	0p	0p

		ESPAÑA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		83 510p	85 623p	90 661p	94 523p	97 455p	96 642p
<i>among which:</i>	Solid fuels	1 797	1 801	1 833	1 870	1 782	1 573
	Petroleum products	47 469	48 395p	50 404	52 362	53 054	53 048
	Natural Gas	13 009	13 697	15 322	16 372	17 653p	16 446
	Renewables	3 469	3 577	3 813	3 689	3 805	3 770
	Electricity	17 279	17 759	18 916	19 834	20 824p	21 484p
Final energy consumption by sector							
Industry							
Total		27 211p	28 165p	29 777p	30 725p	31 097p	30 111p
<i>among which:</i>	Solid fuels	1 741	1 734	1 751	1 702	1 593	1 332
	Petroleum Products	5 946	6 387p	6 083	6 229	5 521	5 511
	Natural Gas	9 993	10 349	11 626	12 348	13 286p	12 422
	Renewables	1 314	1 346	1 521	1 358	1 370	1 379
	Electricity	7 762	7 987	8 456	8 730	9 031p	9 185p
Transport							
Total		34 372	35 000p	36 856	38 498	39 609p	40 822p
<i>among which:</i>	Motor spirit	8 924	8 638p	8 461	8 117	7 640	7 291
	Diesel oil	20 181	21 200p	22 924	24 465	25 795	27 026
	Jet fuel	4 526	4 294p	4 506	4 996	5 323	5 569
	Electricity	392	412	441	450	461p	461p
Services&households							
Total		21 928	22 458p	24 029	25 300	26 748p	25 709p
<i>among which:</i>	Solid fuels	55	67	82	167	189	242
	Gas oil	5 176	5 075p	5 639	5 862	6 408	5 222
	Natural Gas	3 005	3 347	3 696	4 024	4 367p	4 024
	Renewables	2 103	2 111	2 119	2 156	2 176	2 219
	Electricity	9 125	9 360	10 019	10 654	11 331p	11 838p
	Heat	-	-	-	-	-	-

3.1 Electricity balance

	ESPAÑA						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		238 002	246 079	262 860	280 007	294 040	303 007
<i>among which:</i>							
Hydro		43 858	26 388	43 897	34 439	23 023	29 503
Wind		6 966	8 704	12 075	15 601	21 219	23 020
Geothermal		-	-	-	-	-	-
Nuclear		63 708	63 016	61 875	63 606	57 539	60 126
Conventional thermal		123 446	147 941	144 972	166 305	192 218	190 233
<i>of which:</i>							
Hard coal		64 006	74 627	68 817	73 114	74 284	62 443
Lignite and peat		6 419	6 555	5 905	5 991	5 417	4 499
Petroleum products		24 596	28 593	24 002	23 839	24 420	23 829
Natural gas		23 272	32 386	39 368	55 460	79 011	90 284
Derived gases		1 392	1 275	1 233	1 217	1 066	820
Biomass		1 964	2 970	4 265	4 133	3 114	3 050
Industrial wastes		1 797	1 535	1 382	2 551	4 906	5 308
Total net generation		228 173	235 315	252 258	268 687	282 054	290 679
Imports and exports							
Total imports		10 177	12 504	9 520	8 111	10 212	8 832
Total exports		6 727	7 175	8 257	11 139	11 555	12 106
Consumption and losses							
Consumption of the energy branch		17 443	20 696	18 764	19 355	21 082p	20 126p
<i>of which:</i>							
Consumption for pumped-storage		1 294	3 606	1 835	1 720	2 890p	1 321p
Network losses		20 208	20 827	22 527	24 070	25 960p	25 972p
Final energy consumption		200 953	206 535	219 988	230 669	242 181p	249 858p
<i>of which:</i>							
Industry		90 267	92 890	98 345	101 525	105 036p	106 826p
<i>among which:</i>							
Iron&steel industry		15 921	16 228	17 157	17 210	18 370p	18 594p
Non-ferrous metals		10 226	10 484	10 884	11 572	10 271p	11 273p
Chemical industry		12 368	12 111	12 646	13 172	13 379p	13 864p
Non-met. mineral prod.		10 939	11 026	12 059	12 256	13 298p	13 288p
Food, drink, tobacco		8 641	9 183	10 051	10 641	11 512p	11 666p
Pulp, paper and print		6 676	6 898	7 307	7 663	7 873p	8 222p
Engineering & metal		10 167	10 489	10 940	11 331	11 737p	11 833p
Other industries		9 209	10 114	11 332	11 725	12 747p	12 539p
Transport		4 558	4 794	5 124	5 235	5 363p	5 360p
Services & households etc.		106 128	108 851	116 519	123 909	131 782p	137 672p
<i>among which:</i>							
Households		49 685	50 636	54 235	58 046	63 823p	65 704p

3.2 Electrical capacity, fuel inputs and heat

		ESPAÑA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	55 695	60 195	69 168	69 538	76 514	78 426p
by source:							
Conventional thermal		26 915	29 941	37 310	35 477	40 799	40 799p
<i>of which:</i>							
Steam		21 770	21 343	27 163	29 705p	29 705p	29 705p
Gas turbine		1 535	1 755	2 010	1 800p	1 800p	1 800p
Combined cycle		1 181	4 109	5 052	5 500p	5 500p	5 500p
Internal combustion		2 429	2 734	3 085	3 500p	3 500p	3 500p
Nuclear		7 519	7 577	7 581	7 577	7 577	7 577p
Hydro		18 017	17 879	18 043	18 167	18 220	18 314
<i>among which:</i>							
Pumped storage		5 288	5 288	5 361	5 347	5 347	5 347
Wind		3 244	4 798	6 234	8 317	9 918	11 736
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		50 411	54 271	62 425	62 201p	62 947p	68 468p
Autoproducers		5 109	5 924	6 481	6 481p	6 481p	6 481p
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	24 978	29 855p	28 266	32 292	35 421	35 084
<i>among which:</i>							
Hard coal		14 436	17 007	15 444	16 339	16 463	14 224
Lignite and peat		1 503	1 544	1 391	1 561	1 178	1 357
Petroleum products		5 080	5 685p	4 852	5 191	5 249	4 493
Natural gas		2 810	4 501	5 327	7 701	10 798	13 207
Renewables		707	764	937	1 220	1 391	1 480
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	0p	0p	0p	0p	0p	0p
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		0p	0p	0p	0p	0p	0p
<i>of which: in industry</i>							
		0p	0p	0p	0p	0p	0p
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	ESPAÑA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	338	316	322	255	166	139
Total imports	57 833	57 694	57 998	59 452	60 243	61 225
Total exports	-	-	-	-	-	-
Stock changes	224	-374	-611	174	-98	-291
Refinery intake	58 349	58 489	58 203	60 060	60 889	61 945
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	22 400	29 634	29 181	31 366	30 649	31 299
Near and Middle East	14 248	13 523	13 107	16 143	14 716	15 378
Africa	23 636	18 636	21 923	21 036	21 411	18 754
<i>by country of origin:</i>						
Algeria	1 571	1 058	1 502	2 009	2 082	1 512
Irak	2 568	2 352	1 528	5 150	2 912	3 292
Iran	4 098	3 272	4 264	3 469	4 929	5 189
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	7 205	6 469	7 621	7 179	6 176	5 534
Mexico	7 735	7 786	7 265	7 717	9 006	7 561
Nigeria	8 678	5 278	6 456	6 238	7 127	6 016
Norway	420	910	2 553	3 494	2 954	1 806
Russia	5 225	7 943	9 883	8 819	8 548	11 772
Saudi Arabia	6 291	6 750	6 994	6 867	6 331	6 489
Syria	1 291	1 149	321	657	544	408
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ESPAÑA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	57 806	57 931	57 640	59 483	60 310	61 350
<i>among which:</i>						
Motor spirit	9 272	8 871	9 059	10 434	10 152	10 038
Kerosene and jet fuel	4 002	3 830	4 793	6 682	6 680	6 811
Naphtha	3 076	3 000	1 917	521	530	417
Gas/diesel oil	20 177	20 820	21 631	21 563	23 457	23 844
Residual fuel oil	11 784	12 122	10 130	9 125	9 019	9 245
Total imports	21 194	22 645	23 988	25 441	27 533	27 800
Total exports	6 223	5 926	6 802	7 970	8 258	9 840
Bunkers	6 884	7 059	7 191	7 419	8 142	8 501
Stock changes	712	-805	610	46	-1 020	-492
Gross inland consumption	8 799	8 855	10 605	10 098	10 113	8 967
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	493	926	766	1 189	1 197	1 305
United Kingdom	996	1 495	2 112	2 152	1 648	1 618
Norway	123	350	166	233	139	82
OPEC	4 042	4 552	4 221	4 006	4 264	6 377
Imports by product						
<i>among which:</i>						
Motor spirit	933	967	982	748	753	586
Kerosene and jet fuel	815	821	860	943	1 328	2 025
Gas/diesel oil	8 055	9 342	10 800	11 830	13 217	13 605
Residual fuel oil	3 297	3 718	3 499	3 940	4 162	3 558
Exports by product						
<i>among which:</i>						
Motor spirit	2 291	2 174	1 888	2 588	2 866	3 520
Kerosene and jet fuel	134	247	349	166	120	162
Gas/diesel oil	572	783	747	656	822	950
Residual fuel oil	876	328	992	1 431	1 461	2 029
Consumption						
Inputs to electricity plants	5 266	5 900p	5 036	5 423	5 538	4 647
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	9 372	8 667p	9 045	8 770	8 164	7 529
Final energy consumption	47 170	48 192p	50 069	52 056	52 613	52 767
Industry						
<i>among which by product:</i>						
Gas/diesel oil	1 208	1 184p	1 318	1 369	1 700	791
Residual fuel oil	1 649	1 873p	1 735	1 568	710	1 456

<i>in 1 000 t</i>	ESPAÑA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	540	525p	533	565	490	490
Non-ferrous metals	145	159p	151	145	91	334
Chemical industry	770	785p	731	771	619	619
Non-met. mineral prod.	3 217	2 970p	3 165	3 429	3 138	3 265
Food, drink, tobacco	612	653p	661	644	543	443
Pulp, paper and print	285	315p	289	280	192	256
Engineering & metal	438	438p	458	465	399	368
Other industries	458	480p	576	482	484	395
Transport	33 022	33 576p	35 326	36 930	37 935	39 233
<i>among which:</i>						
Motor spirit	8 492	8 219p	8 051	7 724	7 270	6 938
Jet fuel	4 407	4 181p	4 387	4 864	5 183	5 422
Diesel oil	19 834	20 836p	22 530	24 045	25 352	26 562
Services & households etc.	7 357	7 296p	7 828	7 999	8 371	7 112
<i>among which:</i>						
Gas oil	5 087	4 988p	5 542	5 761	6 298	5 132
Residual fuel oil	419	463p	474	389	270	319
Stocks at end of period						
Crude oil and feedstocks	1 000	6 159	6 770	6 596	6 694	6 985
Petroleum products	9 922	10 727	10 117	10 071	11 091	11 583

5. Natural gas

<i>in TJ (GCV)</i>	ESPAÑA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	21 904	21 718	9 149	14 398	6 694	2 545
Total imports	736 262	880 596	984 756	1 145 112	1 407 156	1 462 006
Total exports	-	-	-	-	-	-
Stock changes	4 758	-30 009	-565	11 478	-25 505	-21 510
Gross inland consumption	762 924	872 305	993 340	1 170 988	1 388 345	1 443 041
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	406 272	514 858	565 396	587 007	609 182	474 579
Egypt	-	-	-	-	142 389	181 718
Libya	33 216	25 536	30 390	27 959	38 316	28 497
Nigeria	101 539	67 260	166 592	202 713	220 643	299 435
Norway	96 586	95 133	97 848	93 200	89 018	85 579
Oman	40 509	45 336	23 221	53 316	71 379	28 999
Qatar	27 463	87 952	80 414	160 170	195 713	225 408
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	130 702	209 401	247 807	358 255	502 323	614 371
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Distribution losses	5 116	5 037	6 287	7 368	8 798	9 509
Non-energy use	21 915	20 704	21 914	20 477	22 320p	20 516
Industry	464 895	481 431	540 839	574 421	618 073p	577 871
<i>among which:</i>						
Iron&steel industry	55 615	49 062	57 588	71 667	52 002p	50 776
Non-ferrous metals	12 818	21 877	15 365	18 989	6 786p	19 512
Chemical industry	73 457	90 456	87 115	109 789	127 530p	147 234
Non-met. mineral prod.	152 103	122 969	166 947	143 590	172 060p	155 385
Food, drink, tobacco	53 248	65 166	60 398	59 146	48 726p	49 354
Pulp, paper and print	28 171	39 148	60 188	44 584	54 078p	46 520
Engineering & metal	47 539	36 940	48 831	49 075	38 688p	31 879
Other industries	19 558	30 365	21 596	55 329	90 845p	53 435
Transport	500	32	-	-	-	-
Services & households etc.	139 796	155 701	171 938	187 196	203 153p	187 197
<i>among which:</i>						
Households	104 156	116 871	136 792	140 062	147 041p	140 403
Services	33 838	36 471	15 230	14 221	38 500	33 838

6.1 Hard coal

<i>in 1 000 t</i>	ESPAÑA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	13 960	13 308	12 583	12 334	11 894	11 575
Total imports	18 916	24 514	21 552	24 473	24 756	23 704
Total exports	22	17	-	-	-	-
Stock changes	115	-302	751	828	284	-2 697
Gross inland consumption	32 969	37 503	34 886	37 635	36 934	32 582
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 498	3 721	3 805	3 263	3 115	3 548
Colombia	395	1 622	1 478	972	1 938	1 535
Russia	1 759	2 368	1 926	3 285	4 235	3 609
South Africa	7 147	10 765	8 835	10 195	8 707	8 213
USA	1 884	1 904	1 479	2 007	1 500	1 422
Consumption						
Inputs to electricity plants	27 745	32 402	29 793	31 864	31 678	27 859
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	35	62	60	60	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	764	689	542	649	717	511
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	265	268	262	260	248	198
Non-met. mineral prod.	298	243	209	148	175	200
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	100	100	100	100	100	100
Services & households etc.	101	120	150	270	300	385

6.2 Coal derivatives and peat

		ESPAÑA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		2 648	2 627	2 494	2 839	2 662	2 839
Patent Fuel		-	-	-	-	-	-
Lignite and peat		8 718	8 726	7 979	8 147	7 587	6 872
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		22 529	22 258	22 368	21 857	21 110	21 675
Blast-furnace gas		21 671	20 583	17 562	17 845	18 172	16 460
Gasworks gas		1 553	1 520	1 599	1 779	1 931	1 797
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 250	1 356	1 409	1 317	1 109	1 095
<i>among which:</i>							
Iron & steel industry		1 034	1 123	1 050	1 120	967	973
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		7 105	7 057	7 308	7 935	5 483	5 597
Blast-furnace gas		8 727	8 288	7 118	7 350	6 947	6 292
Gasworks gas		1 553	1 520	1 599	1 779	1 931	1 797
Inputs to electricity plants		15 909	15 269	13 703	12 048	14 915	14 156
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		10 918	10 713	10 819	10 836	10 894	11 043
Consumption in industry		15 832	15 345	14 426	15 285	12 430	11 889

7. Renewable energy sources

		ESPAÑA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	8 307	7 076	9 324	8 972	8 709	9 442
Hydro (excl. pumping)		3 527	1 981	3 530	2 713	1 681	2 198
Wind		599	748	1 038	1 341	1 825	1 979
Solar		38	43	48	58	65	84
Geothermal		8	8	8	8	8	8
Biomass		4 135	4 297	4 700	4 852	5 131	5 173
	<i>among which:</i>						
Wood, wood-waste		3 671	3 812	4 044	4 137	4 176	4 325
Municipal solid waste		279	195	227	244	379	341
Biogas		134	170	257	295	317	334
Gross inland consumption		8 307	7 076	9 324	8 972	8 709	9 442
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		707	764	937	1 220	1 391	1 480
	<i>among which:</i>						
Wood, wood-waste		319	428	482	709	732	841
Municipal waste		279	195	227	244	379	341
Biogas		109	141	228	266	280	297
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	3 469	3 577	3 813	3 689	3 805	3 770
	<i>by sector:</i>						
Industry		1 314	1 346	1 521	1 358	1 370	1 379
Services & households etc.		2 103	2 111	2 119	2 156	2 176	2 219
Transport		51	120	172	175	259	172
	<i>by source:</i>						
Biomass		3 425	3 529	3 760	3 628	3 736	3 689
	<i>among which:</i>						
Wood, wood-waste		3 349	3 380	3 559	3 424	3 441	3 480
Municipal waste		-	-	-	-	-	-
Biogas		25	29	29	29	36	37
Geothermal		8	8	8	8	8	8
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		24	30	41	56	41	125
Hydro with installed capacity < 1 MW		496	414	647	507	400	457
Hydro with installed capacity > 1 & <10 MW		4 418	3 614	4 699	4 536	3 577	3 549
Hydro with installed capacity > 10 MW		36 113	16 184	30 540	22 150	16 113	21 556
Wood, Wood-waste		969	1 831	2 116	2 214	1 578	1 570
Municipal waste		667	667	661	583	902	814
Biogas		328	472	758	825	623	666

		ESPAÑA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		16	20	27	37	37	175
Hydro with installed capacity < 1 MW		235	238	244	252	252	254
Hydro with installed capacity > 1 & <10 MW		1 383	1 414	1 445	1 536	1 536	1 565
Hydro with installed capacity > 10 MW		11 126	11 126	11 053	11 084	11 084	11 148
Wood, Wood-waste		167	285	331	344	344	391
Municipal waste		94	94	163	189	189	189
Biogas		51	73	125	141	141	160
Liquid biofuels							
Production	<i>1000 t</i>	80	187	257	228	339	242
Solar Panels							
Solar panel surface	<i>1000 m²</i>	455	515	610	689	797	950

1. Energy economy

Key figures and energy indicators

		FRANCE					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	131 689	133 388	134 802	135 667	135 474	135 567
Net energy imports		136 771	137 477	138 857	141 485	144 346	141 728
Net oil imports		96 504	94 592	95 101	95 089	95 364	93 813
Net gas imports		34 952	36 741	37 535	38 669	40 720	39 469
Gross inland energy consumption		267 108	267 257	271 560	275 505	276 439	273 070
Final energy consumption		158 150	153 709	157 457	159 619	159 262	157 779
Industry		39 506	37 739	38 283	37 837	35 598	35 078
Transport		51 898	51 427	50 978	50 367	49 941	50 859
Services and households etc.		66 746	64 543	68 196	71 414	73 723	71 842
Gross electricity generation	GWh	550 241	559 441	566 959	574 279	576 169	574 473
Final electricity consumption		395 776	393 489	408 248	422 947	425 502	429 933
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	1 404 808	1 419 239	1 434 672	1 470 112	1 495 265	1 525 015
Population	1000 per.	60 964	61 399	61 832	62 252	62 638	62 999
Industry added value	Mio EUR	310 783	311 394	315 572	319 344	324 375	330 548
Total imports (current prices)	Mio EUR	400 637	407 458	412 140	441 400	463 546	495 059
among which:							
All energy commodities		31 488	29 398	31 081	37 813	51 894	60 771
Oil products		23 541	21 865	22 726	28 285	40 203	45 963
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	190.1	188.3	189.3	187.4	184.9	179.1
Final energy consumption / GDP(95)		112.6	108.3	109.8	108.6	106.5	103.5
Energy intensity of industry:							
Final consumption / gross value-added mp		127.1	121.2	121.3	118.5	109.7	106.1
Energy intensity of service sector:							
Final consumption / gross value-added mp		21.9	20.7	22.8	23.1	25.8	24.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 381	4 353	4 392	4 426	4 413	4 335
Final energy consumption / capita		2 594	2 503	2 547	2 564	2 543	2 504
Household consumption / capita		720	694	715	742	728	709
Final electricity consumption / capita	kWh/cap.	6 492	6 409	6 603	6 794	6 793	6 824
Energy dependency							
Net energy imports / Gross consumption	in %	50.7	51.0	50.6	50.8	51.7	51.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	59.2	57.5	58.0	57.9	57.6	57.8
Efficiency of thermal power stations		34.8	35.2	36.0	36.2	35.4	34.8

2. Energy balance

Principal aggregates by product

		FRANCE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		131 689	133 388	134 802	135 667	135 474	135 567
<i>among which:</i>	Hard coal	1 182	889	1 037	99	-	-
	Lignite and peat	135	62	4	-	-	-
	Crude oil	1 662	1 341	1 431	1 388	1 248	1 119
	Natural Gas	1 510	1 450	1 282	1 108	909	1 059
	Nuclear heat	108 618	112 664	113 776	115 625	116 474	116 128
	Hydro-electricity	6 464	5 257	5 133	5 193	4 496	4 845
	Biomass	11 820	11 382	11 959	12 053	12 113	12 072
Imports							
Total		164 215	164 848	169 157	173 450	179 403	177 087
<i>among which:</i>	Hard coal	10 674	12 133	11 214	12 806	12 993	13 346
	Crude oil and feedstocks	87 971	81 536	87 042	86 600	85 605	83 468
	Petroleum products	28 435	32 382	30 765	32 605	37 346	38 277
	Natural Gas	35 751	37 495	38 436	39 928	41 624	40 148
	Electricity	384	319	598	565	693	733
Exports							
Total		27 444	27 371	30 299	31 964	35 057	35 359
<i>among which:</i>	Crude oil and feedstocks	-	-	63	102	76	33
	Petroleum products	19 902	19 326	22 643	24 014	27 511	27 898
	Natural gas	799	754	901	1 259	903	679
	Electricity	6 265	6 942	6 309	5 888	5 880	6 179
Gross inland consumption							
Total		267 108	267 257	271 560	275 505	276 439	273 070
<i>among which:</i>	Solid fuels	12 532	13 773	13 933	13 902	14 296	13 243
	Crude oil and petrol. prod.	95 859	93 166	93 013	93 769	92 991	92 248
	Natural gas	37 548	37 484	39 318	40 148	41 077	39 624
	Nuclear Energy	108 618	112 664	113 776	115 625	116 474	116 128
	Renewables	18 431	16 794	17 231	17 384	16 788	17 273
Transformation input							
Total		220 089	219 040	224 481	226 718	227 259	226 198
<i>among which:</i>	Crude oil and feedstocks	92 693	86 414	90 268	90 717	88 526	88 967
	Petroleum products	1 014	933	1 245	1 224	1 996	1 705
	Hard coal	9 223	9 724	10 132	9 971	10 685	9 647
	Lignite and peat	115	70	-	-	-	-
	Renewables	1 894	1 980	1 937	1 929	1 777	1 773
Transformation output							
Total		138 683	133 710	138 088	138 970	137 578	137 731
<i>among which:</i>	Electricity	40 482	42 365	43 136	43 688	44 559	43 912
	Heat	-	-	-	-	-	-

		FRANCE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		158 150	153 709	157 457	159 619	159 262	157 779
<i>among which:</i>	Solid fuels	5 211	5 010	4 917	4 879	5 148	5 360
	Petroleum products	77 005	73 714	74 151	74 388	73 352	72 274
	Natural Gas	30 842	30 556	32 160	32 758	32 753	31 709
	Renewables	10 062	9 533	10 126	10 210	10 432	10 468
	Electricity	34 031	33 834	35 103	36 367	36 587	36 968
Final energy consumption by sector							
Industry							
Total		39 506	37 739	38 283	37 837	35 598	35 078
<i>among which:</i>	Solid fuels	4 603	4 585	4 498	4 471	4 782	5 004
	Petroleum Products	7 973	6 333	6 433	6 717	6 700	6 295
	Natural Gas	12 954	12 863	13 386	12 149	9 716	9 268
	Renewables	1 398	1 431	1 459	1 487	1 548	1 569
	Electricity	11 579	11 466	11 508	11 996	11 861	11 943
Transport							
Total		51 898	51 427	50 978	50 367	49 941	50 859
<i>among which:</i>	Motor spirit	14 011	13 516	12 671	12 038	11 274	10 484
	Diesel oil	29 689	29 818	30 236	30 475	30 718	31 393
	Jet fuel	6 613	6 505	6 490	6 234	6 291	7 052
	Electricity	1 005	1 030	1 037	1 067	1 051	1 060
Services&households							
Total		66 746	64 543	68 196	71 414	73 723	71 842
<i>among which:</i>	Solid fuels	608	425	420	408	366	356
	Gas oil	15 406	14 350	14 852	15 180	14 808	14 027
	Natural Gas	17 865	17 666	18 736	20 566	22 990	22 379
	Renewables	8 338	7 779	8 342	8 378	8 476	8 235
	Electricity	21 447	21 338	22 558	23 304	23 674	23 965
	Heat	-	-	-	-	-	-

3.1 Electricity balance

	FRANCE						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		550 241	559 441	566 959	574 279	576 169	574 473
<i>among which:</i>							
Hydro		79 302	66 454	64 872	65 588	56 990	61 631
Wind		131	269	391	596	963	2 150
Geothermal		-	-	-	-	-	-
Nuclear		421 076	436 760	441 070	448 241	451 529	450 191
Conventional thermal		49 725	55 950	60 616	59 841	66 672	60 479
<i>of which:</i>							
Hard coal		20 478	23 659	26 260	24 372	27 515	22 997
Lignite and peat		401	245	-	-	-	-
Petroleum products		5 958	5 767	7 096	6 528	7 925	7 109
Natural gas		15 440	18 342	19 363	21 058	22 861	22 054
Derived gases		3 423	3 333	3 006	2 863	3 190	3 323
Biomass		4 025	4 604	4 880	5 020	5 181	4 996
Industrial wastes		-	-	11	-	-	-
Total net generation		526 556	535 257	542 315	549 533	550 131	548 756
Imports and exports							
Total imports		4 471	3 705	6 959	6 571	8 062	8 522
Total exports		72 861	80 739	73 373	68 477	68 390	71 857
Consumption and losses							
Consumption of the energy branch		50 908	52 454	55 364	52 512	53 417	44 135
<i>of which:</i>							
Consumption for pumped-storage		1 697	2 177	2 127	2 133	1 935	2 171
Network losses		30 638	30 898	31 749	31 735	32 232	31 811
Final energy consumption		395 776	393 489	408 248	422 947	425 502	429 933
<i>of which:</i>							
Industry		134 660	133 350	133 840	139 508	137 948	138 892
<i>among which:</i>							
Iron&steel industry		16 714	16 162	15 561	16 362	15 611	14 924
Non-ferrous metals		10 080	10 211	9 919	10 197	9 833	9 548
Chemical industry		25 106	24 738	23 566	24 035	24 932	24 393
Non-met. mineral prod.		8 374	8 550	8 582	9 013	8 832	9 005
Food, drink, tobacco		18 444	18 931	19 595	19 259	19 748	20 179
Pulp, paper and print		13 337	13 617	13 288	13 368	13 490	13 076
Engineering & metal		22 995	22 851	22 197	22 218	20 181	21 547
Other industries		14 395	13 373	16 522	20 529	21 101	22 197
Transport		11 686	11 982	12 055	12 409	12 221	12 330
Services & households etc.		249 430	248 157	262 353	271 030	275 333	278 711
<i>among which:</i>							
Households		133 887	132 998	141 554	147 088	149 034	146 961

3.2 Electrical capacity, fuel inputs and heat

		FRANCE					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	115 660	116 613	116 500	116 724	115 965	115 916
by source:							
Conventional thermal		27 246	27 902	27 715	27 898	26 873	26 159
<i>of which:</i>							
Steam		24 490	24 545	24 907	-	-	-
Gas turbine		2 152	2 162	1 977	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		568	571	503	-	-	-
Nuclear		63 183	63 273	63 363	63 363	63 260	63 260
Hydro		25 149	25 306	25 201	25 100	25 109	25 109
<i>among which:</i>							
Pumped storage		4 302	4 302	4 303	4 303	4 303	4 303
Wind		82	132	221	363	723	1 388
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		110 212	110 963	110 849	111 305	109 498	109 405
Autoproducers		5 696	5 899	5 903	5 673	6 724	6 774
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	12 284	13 672	14 489	14 235	16 194	14 944
<i>among which:</i>							
Hard coal		4 524	5 392	6 047	5 672	6 404	5 353
Lignite and peat		115	70	-	-	-	-
Petroleum products		993	855	1 191	1 174	1 952	1 675
Natural gas		4 201	4 785	4 802	4 932	5 463	5 531
Renewables		1 590	1 690	1 641	1 661	1 549	1 502
Heating plants		304	290	297	268	228	270
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		304	290	297	268	228	270
Heat production and consumption							
Total heat production	1 000 toe	-	-	-	-	-	-
<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

<i>in 1 000 t</i>	FRANCE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 632	1 317	1 405	1 364	1 227	1 100
Total imports	86 362	80 058	85 465	85 129	84 175	82 049
Total exports	-	-	62	100	75	33
Stock changes	-312	106	-1 173	19	189	167
Refinery intake	91 012	84 860	88 641	89 182	87 050	87 464
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	34 221	30 015	34 947	34 895	33 972	34 180
Near and Middle East	24 836	22 958	21 075	21 504	19 949	21 165
Africa	18 658	16 032	18 706	16 589	19 046	17 365
<i>by country of origin:</i>						
Algeria	4 266	3 639	5 879	6 018	5 360	3 492
Irak	5 366	4 425	800	1 521	1 441	3 488
Iran	3 631	3 839	5 821	6 374	6 857	6 729
Kazakhstan	1 454	3 053	4 003	6 087	8 550	8 060
Kuwait	1 110	1 621	2 113	1 687	2 413	1 573
Libya	2 988	1 627	3 623	4 098	4 498	4 221
Mexico	37	110	155	65	-	-
Nigeria	5 260	4 296	5 323	2 645	2 848	4 047
Norway	19 371	16 226	16 189	15 599	16 095	13 365
Russia	8 468	10 456	12 935	12 697	9 594	9 764
Saudi Arabia	11 345	10 568	11 245	12 552	10 312	8 681
Syria	3 008	2 505	1 096	1 057	1 218	869
United Arab Emirates	255	-	-	-	121	1 373

4.2 Petroleum products

<i>in 1 000 t</i>	FRANCE					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	90 683	84 309	87 901	88 406	86 293	86 839
<i>among which:</i>						
Motor spirit	18 273	17 026	16 946	16 936	16 315	17 225
Kerosene and jet fuel	6 162	5 307	5 245	5 692	5 553	5 754
Naphtha	5 695	5 458	6 000	5 682	5 384	5 036
Gas/diesel oil	35 132	33 301	35 283	34 421	33 590	33 733
Residual fuel oil	11 291	10 626	10 919	11 887	11 823	11 955
Total imports	28 281	32 073	30 550	32 500	37 135	38 085
Total exports	19 686	19 172	22 477	23 858	27 252	27 541
Bunkers	2 767	2 535	2 745	3 103	2 837	2 940
Stock changes	90	-1 103	-340	-134	-1 288	-114
Gross inland consumption	6 149	9 513	5 078	5 507	5 845	7 561
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	1 993	2 966	1 576	2 557	2 996	3 434
United Kingdom	2 271	3 533	3 202	2 584	3 015	2 422
Norway	523	433	348	428	653	419
OPEC	4 314	4 356	3 548	3 226	4 377	4 740
Imports by product						
<i>among which:</i>						
Motor spirit	1 715	1 744	1 082	200	1 264	1 972
Kerosene and jet fuel	2 551	2 734	2 643	2 694	3 198	3 252
Gas/diesel oil	14 087	16 076	16 778	16 865	19 830	16 873
Residual fuel oil	2 845	3 292	2 364	3 767	3 860	5 480
Exports by product						
<i>among which:</i>						
Motor spirit	4 751	4 439	5 029	7 174	7 743	8 337
Kerosene and jet fuel	1 231	903	894	902	1 287	1 466
Gas/diesel oil	1 993	1 960	2 106	1 746	3 642	3 437
Residual fuel oil	5 699	5 693	7 084	7 998	7 914	7 384
Consumption						
Inputs to electricity plants	1 038	896	1 275	1 265	2 067	1 778
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	12 597	11 952	12 224	12 551	12 410	12 871
Final energy consumption	75 470	72 170	72 574	72 856	71 853	70 862
Industry						
<i>among which by product:</i>						
Gas/diesel oil	1 318	1 202	1 141	1 479	1 492	1 087
Residual fuel oil	1 885	1 845	1 691	1 730	1 543	1 392

<i>in 1 000 t</i>	FRANCE					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	193	129	25	17	14	47
Non-ferrous metals	76	60	64	65	71	67
Chemical industry	3 119	1 998	2 378	2 235	2 395	2 479
Non-met. mineral prod.	1 738	1 706	1 578	1 680	1 577	1 593
Food, drink, tobacco	756	792	668	618	480	486
Pulp, paper and print	210	207	202	185	136	116
Engineering & metal	279	242	262	263	261	254
Other industries	1 444	1 227	1 288	1 376	1 432	1 349
Transport	49 160	48 689	48 258	47 627	47 182	47 826
<i>among which:</i>						
Motor spirit	13 332	12 861	12 057	11 455	10 728	9 976
Jet fuel	6 439	6 334	6 319	6 070	6 125	6 866
Diesel oil	29 179	29 306	29 716	29 951	30 190	30 854
Services & households etc.	18 073	16 903	17 684	18 278	17 755	16 485
<i>among which:</i>						
Gas oil	15 141	14 103	14 597	14 919	14 554	13 786
Residual fuel oil	925	577	664	447	434	500
Stocks at end of period						
Crude oil and feedstocks	9 027	8 913	10 086	10 016	9 827	9 660
Petroleum products	14 015	14 813	15 153	15 100	16 388	15 055

5. Natural gas

<i>in TJ (GCV)</i>	FRANCE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	70 222	67 438	59 621	51 530	42 275	49 242
Total imports	1 663 132	1 744 261	1 788 025	1 857 438	1 936 328	1 867 698
Total exports	37 181	35 068	41 904	58 546	42 020	31 598
Stock changes	50 563	-32 860	23 331	17 279	-25 692	-42 032
Gross inland consumption	1 746 736	1 743 771	1 829 073	1 867 701	1 910 891	1 843 310
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	402 278	419 653	391 146	232 641	309 486	293 945
Egypt	-	-	-	-	60 030	90 828
Libya	-	-	-	-	-	-
Nigeria	-	133 731	147 185	150 952	146 596	170 787
Norway	494 194	516 752	512 080	502 480	447 040	529 322
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	414 356	422 700	412 639	384 910	378 093	292 239
Consumption						
Inputs to electricity plants	195 441	222 588	223 388	229 456	254 133	257 285
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	7 233	2 622	1 254	2 473	7 075	8 028
Distribution losses	13 209	14 777	20 056	30 198	31 997	27 284
Non-energy use	96 854	83 884	82 847	79 704	83 841	75 600
Industry	602 619	598 380	622 732	565 174	452 010	431 140
<i>among which:</i>						
Iron&steel industry	27 202	26 939	27 450	28 912	37 116	38 935
Non-ferrous metals	16 617	13 826	12 006	12 549	13 395	12 953
Chemical industry	123 086	111 059	141 355	105 319	94 493	64 612
Non-met. mineral prod.	87 362	89 879	91 446	86 078	80 206	80 078
Food, drink, tobacco	113 893	116 918	117 202	111 582	74 697	75 605
Pulp, paper and print	65 617	66 325	66 581	57 724	44 100	59 333
Engineering & metal	80 553	73 875	76 604	76 874	69 399	66 984
Other industries	19 462	31 365	22 427	25 662	23 156	15 745
Transport	1 080	1 260	1 764	1 980	2 178	2 880
Services & households etc.	831 093	821 824	871 592	956 750	1 069 492	1 041 092
<i>among which:</i>						
Households	600 485	615 255	611 942	686 824	672 311	679 845
Services	214 751	191 676	245 718	254 731	383 537	348 891

6.1 Hard coal

<i>in 1 000 t</i>	FRANCE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 972	1 483	1 730	160	-	-
Total imports	15 960	18 142	16 768	19 460	19 851	20 391
Total exports	105	123	83	94	295	140
Stock changes	16	-669	2 023	315	969	-1 634
Gross inland consumption	18 218	19 270	20 942	20 553	21 142	19 069
Imports						
Imports by origin						
<i>among which:</i>						
Australia	3 891	4 589	4 527	6 015	5 337	5 727
Colombia	1 393	1 611	2 331	2 852	2 506	2 234
Russia	224	288	325	764	905	1 124
South Africa	3 361	4 869	4 029	3 945	4 225	4 236
USA	2 688	1 890	2 109	2 210	1 906	2 010
Consumption						
Inputs to electricity plants	7 518	8 682	9 738	9 133	10 313	8 620
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	123	21	25	1	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	2 251	2 506	2 439	2 534	2 936	3 193
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	385	441	457	618	565
Non-met. mineral prod.	200	270	294	248	270	315
Food, drink, tobacco	477	401	429	560	669	715
Pulp, paper and print	143	165	199	204	188	166
Engineering & metal	9	2	4	1	-	1
Other industries	-	2	1	-	86	45
Services & households etc.	732	470	545	539	480	480

6.2 Coal derivatives and peat

		FRANCE					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		5 091	4 552	4 601	4 542	4 445	4 689
Patent Fuel		83	70	41	35	31	25
Lignite and peat		324	148	9	-	-	-
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		39 505	34 765	35 169	32 831	32 288	32 932
Blast-furnace gas		61 534	66 615	63 350	63 734	63 350	65 521
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		3 201	3 357	3 133	2 912	2 668	2 772
<i>among which:</i>							
Iron & steel industry		2 472	2 899	2 830	2 567	2 372	2 505
Services & households		44	39	29	21	14	4
Patent Fuel		147	143	83	77	77	72
<i>among which:</i>							
Services & households		147	143	83	77	77	72
Lignite and peat		109	24	51	40	36	37
<i>among which:</i>							
Industry		59	23	51	40	36	37
Services & households		50	1	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		19 693	20 017	18 365	17 743	17 506	17 830
Blast-furnace gas		24 129	26 448	25 303	26 662	25 721	25 807
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		37 107	37 701	34 572	34 158	35 403	37 848
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		18 941	16 627	17 912	19 137	18 703	17 893
Consumption in industry		43 822	46 465	43 668	44 405	43 227	43 637

7. Renewable energy sources

		FRANCE					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	18 423	16 808	17 273	17 447	16 844	17 261
Hydro (excl. pumping)		6 464	5 257	5 133	5 193	4 496	4 845
Wind		11	23	34	51	83	185
Solar		19	19	18	20	22	29
Geothermal		109	128	129	130	130	130
Biomass		11 820	11 382	11 959	12 053	12 113	12 072
	<i>among which:</i>						
Wood, wood-waste		9 411	8 801	9 445	9 575	9 625	9 439
Municipal solid waste		1 931	2 043	1 944	1 862	1 805	1 753
Biogas		160	199	203	207	220	227
Gross inland consumption		18 431	16 794	17 231	17 384	16 788	17 273
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		1 894	1 980	1 937	1 929	1 777	1 773
	<i>among which:</i>						
Wood, wood-waste		232	232	236	237	235	238
Municipal waste		1 577	1 629	1 577	1 564	1 399	1 385
Biogas		85	119	125	129	143	149
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	10 062	9 533	10 126	10 210	10 432	10 468
	<i>by sector:</i>						
Industry		1 398	1 431	1 459	1 487	1 548	1 569
Services & households etc.		8 338	7 779	8 342	8 378	8 476	8 235
Transport		326	324	325	345	408	665
	<i>by source:</i>						
Biomass		9 934	9 387	9 980	10 061	10 281	10 312
	<i>among which:</i>						
Wood, wood-waste		9 179	8 569	9 209	9 339	9 390	9 201
Municipal waste		355	414	367	299	406	368
Biogas		75	81	79	79	77	78
Geothermal		109	128	129	130	130	130
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		7	8	10	13	15	22
Hydro with installed capacity < 1 MW		1 411	1 464	1 304	1 422	1 340	1 450
Hydro with installed capacity > 1 & <10 MW		5 476	5 287	5 077	5 288	4 559	4 933
Hydro with installed capacity > 10 MW		67 747	53 847	52 779	53 109	45 851	49 448
Wood, Wood-waste		1 312	1 324	1 344	1 332	1 412	1 433
Municipal waste		2 390	2 902	3 112	3 242	3 284	3 060
Biogas		323	378	424	446	485	503

		FRANCE					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		8	9	11	14	16	23
Hydro with installed capacity < 1 MW		372	421	427	433	433	433
Hydro with installed capacity > 1 & <10 MW		1 475	1 524	1 596	1 609	1 603	1 603
Hydro with installed capacity > 10 MW		19 000	19 059	18 888	18 756	18 770	18 770
Wood, Wood-waste		340p	340p	340p	340p	340p	220
Municipal waste		272	272p	272p	272p	272p	696
Biogas		-	-	-	-	-	84
Liquid biofuels							
Production	<i>1000 t</i>	391	417	452	474	546	790
Solar Panels							
Solar panel surface	<i>1000 m²</i>	441	536	515	547	635	749

1. Energy economy

Key figures and energy indicators

		ITALIA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	25 680	26 329	27 274	28 073	27 665	27 053
Net energy imports		148 250	153 370	156 360	159 548	160 955	164 570
Net oil imports		85 030	86 825	85 641	82 914	79 901	80 105
Net gas imports		44 810	48 518	51 116	55 293	59 840	63 088
Gross inland energy consumption		173 672	174 227	183 416	185 329	187 312	186 113
Final energy consumption		126 220	124 743	130 280	131 116	132 600	130 654
Industry		39 680	38 915	40 394	39 855	39 074	38 007
Transport		42 028	42 523	43 249	44 092	43 782	44 194
Services and households etc.		44 513	43 305	46 637	47 169	49 743	48 453
Gross electricity generation	GWh	278 990	284 397	293 884	303 322	303 699	314 122
Final electricity consumption		277 347	282 305	290 964	295 042	300 376	308 300
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	963 346	967 720	967 556	982 377	987 822	1 006 009
Population	1000 per.	56 961	56 994	57 321	57 888	58 462	58 752
Industry added value	Mio EUR	244 279	244 668	240 431	242 984	243 397	246 394
Total imports (current prices)	Mio EUR	263 519	264 125	267 303	278 455	284 453	301 371
among which:							
All energy commodities		24 206	23 230	23 600	27 090	36 672	42 820
Oil products		20 627	19 629	20 060	22 870	31 799	37 834
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	180.3	180.0	189.6	188.7	189.6	185.0
Final energy consumption / GDP(95)		131.0	128.9	134.6	133.5	134.2	129.9
Energy intensity of industry:							
Final consumption / gross value-added mp		162.4	159.1	168.0	164.0	160.5	154.3
Energy intensity of service sector:							
Final consumption / gross value-added mp		19.5	19.3	22.1	21.2	23.6	24.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 049	3 057	3 200	3 202	3 204	3 168
Final energy consumption / capita		2 216	2 189	2 273	2 265	2 268	2 224
Household consumption / capita		520	500	521	534	545	509
Final electricity consumption / capita	kWh/cap.	4 869	4 953	5 076	5 097	5 138	5 248
Energy dependency							
Net energy imports / Gross consumption	in %	84.0	86.5	83.8	84.6	84.4	86.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	72.7	71.6	71.0	70.7	70.8	70.2
Efficiency of thermal power stations		41.9	41.3	39.8	39.9	40.6	41.5

2. Energy balance

Principal aggregates by product

		ITALIA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		25 680	26 329	27 274	28 073	27 665	27 053
<i>among which:</i>	Hard coal	69	104	159	62	60	13
	Lignite and peat	-	-	-	-	-	-
	Crude oil	4 147	5 613	5 653	5 521	6 191	5 850
	Natural Gas	12 483	11 976	11 372	10 615	9 886	8 992
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	4 025	3 398	3 176	3 671	3 101	3 181
	Biomass	1 653	1 637	1 962	3 136	3 404	3 758
Imports							
Total		171 106	175 386	180 977	185 998	191 251	193 350
<i>among which:</i>	Hard coal	13 362	12 739	13 634	16 196	15 943	16 271
	Crude oil and feedstocks	92 206	91 007	93 176	94 656	96 682	94 907
	Petroleum products	15 524	17 624	16 613	14 149	12 939	13 386
	Natural Gas	44 861	48 560	51 429	55 617	60 164	63 390
	Electricity	4 207	4 430	4 427	3 992	4 322	4 007
Exports							
Total		22 855	22 016	24 617	26 450	30 296	28 781
<i>among which:</i>	Crude oil and feedstocks	612	401	1 130	1 436	1 629	1 731
	Petroleum products	22 088	21 404	23 017	24 457	28 092	26 457
	Natural gas	51	43	312	324	324	302
	Electricity	47	79	45	68	95	139
Gross inland consumption							
Total		173 672	174 227	183 416	185 329	187 312	186 113
<i>among which:</i>	Solid fuels	13 582	13 717	14 923	16 583	16 477	16 658
	Crude oil and petrol. prod.	88 158	88 974	89 200	85 489	83 691	83 173
	Natural gas	58 099	57 706	63 621	66 019	70 651	69 192
	Nuclear Energy	-	-	-	-	-	-
	Renewables	9 515	9 203	10 714	12 521	12 149	13 097
Transformation input							
Total		149 908	152 098	158 417	159 540	162 367	163 074
<i>among which:</i>	Crude oil and feedstocks	98 476	98 246	100 292	100 932	102 905	102 203
	Petroleum products	16 515	17 519	16 362	11 140	9 640	9 263
	Hard coal	11 628	11 928	12 523	14 018	13 746	14 420
	Lignite and peat	1	-	1	-	-	-
	Renewables	3 381	3 815	5 631	6 674	6 793	7 183
Transformation output							
Total		121 432	121 770	124 440	125 089	128 600	128 242
<i>among which:</i>	Electricity	19 249	20 267	21 334	21 628	22 218	23 020
	Heat	-	-	-	-	-	-

		ITALIA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		126 220	124 743	130 280	131 116	132 600	130 654
<i>among which:</i>	Solid fuels	3 898	3 316	3 836	4 146	4 220	4 163
	Petroleum products	57 595	57 361	58 598	59 303	58 461	57 487
	Natural Gas	38 749	37 840	40 963	40 267	41 960	39 953
	Renewables	2 006	1 867	1 780	2 014	2 050	2 475
	Electricity	23 848	24 274	25 018	25 369	25 828	26 509
Final energy consumption by sector							
Industry							
Total		39 680	38 915	40 394	39 855	39 074	38 007
<i>among which:</i>	Solid fuels	3 825	3 299	3 819	4 138	4 213	4 156
	Petroleum Products	6 549	6 428	6 908	7 563	6 999	6 178
	Natural Gas	16 653	16 589	16 963	15 535	15 136	14 737
	Renewables	215	208	206	203	198	198
	Electricity	12 313	12 305	12 413	12 399	12 447	12 671
Transport							
Total		42 028	42 523	43 249	44 092	43 782	44 194
<i>among which:</i>	Motor spirit	17 192	16 807	16 198	15 216	14 153	13 291
	Diesel oil	18 845	19 995	20 880	22 574	23 269	24 445
	Jet fuel	3 393	3 184	3 706	3 692	3 863	3 964
	Electricity	703	733	773	784	809	835
Services&households							
Total		44 513	43 305	46 637	47 169	49 743	48 453
<i>among which:</i>	Solid fuels	73	16	16	8	7	7
	Gas oil	7 323	6 818	6 906	6 491	6 444	6 062
	Natural Gas	21 729	20 889	23 636	24 376	26 445	24 803
	Renewables	1 791	1 659	1 574	1 556	1 673	2 116
	Electricity	10 832	11 236	11 832	12 187	12 571	13 004
	Heat	-	-	-	-	-	-

3.1 Electricity balance

	ITALIA						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		278 990	284 397	293 884	303 322	303 699	314 122
<i>among which:</i>							
Hydro		53 926	47 262	44 277	49 908	42 927	43 425
Wind		1 179	1 404	1 458	1 847	2 344	2 971
Geothermal		4 507	4 662	5 341	5 437	5 324	5 527
Nuclear		-	-	-	-	-	-
Conventional thermal		219 359	231 048	242 784	246 101	253 073	262 164
<i>of which:</i>							
Hard coal		31 727	35 447	38 813	45 518	43 606	44 208
Lignite and peat		3	-	-	-	-	-
Petroleum products		75 008	87 767	75 986	58 889	47 124	45 875
Natural gas		95 906	99 414	117 300	129 772	149 259	158 079
Derived gases		5 045	5 021	5 304	5 359	5 813	6 230
Biomass		2 586	2 371	3 456	5 359	5 985	6 565
Industrial wastes		9 084	1 028	1 925	1 204	1 286	1 207
Total net generation		265 941	270 757	280 178	289 993	290 604	301 224
Imports and exports							
Total imports		48 927	51 519	51 486	46 426	50 264	46 596
Total exports		549	922	518	791	1 109	1 611
Consumption and losses							
Consumption of the energy branch		23 589	25 184	25 654	25 835	24 992	24 485
<i>of which:</i>							
Consumption for pumped-storage		2 396	2 911	3 148	3 090	2 459	2 321
Network losses		19 340	19 766	20 870	20 868	20 626	19 926
Final energy consumption		277 347	282 305	290 964	295 042	300 376	308 300
<i>of which:</i>							
Industry		143 205	143 107	144 368	144 197	144 763	147 362
<i>among which:</i>							
Iron&steel industry		20 846	19 966	19 887	20 045	20 395	21 688
Non-ferrous metals		5 714	5 619	5 464	5 538	5 635	5 753
Chemical industry		21 224	20 236	20 110	19 431	19 015	18 838
Non-met. mineral prod.		13 931	14 312	14 543	14 606	14 678	14 943
Food, drink, tobacco		12 044	12 360	12 535	12 702	13 004	12 843
Pulp, paper and print		10 258	10 480	10 787	10 807	10 939	10 879
Engineering & metal		25 369	26 064	26 736	27 275	27 786	28 502
Other industries		21 207	21 970	22 709	22 906	23 127	23 893
Transport		8 171	8 521	8 992	9 113	9 414	9 707
Services & households etc.		125 971	130 677	137 604	141 732	146 199	151 231
<i>among which:</i>							
Households		61 553	62 957	65 016	66 592	66 960	67 635

3.2 Electrical capacity, fuel inputs and heat

		ITALIA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	76 233	79 744	78 102	81 306	85 231	89 137
<i>by source:</i>							
Conventional thermal		54 477	54 521	55 861	58 792	61 932	65 492
<i>of which:</i>							
Steam		39 111	38 126	36 754	34 553	32 038	31 433
Gas turbine		5 371	5 088	5 101	3 931	3 953	3 968
Combined cycle		8 978	10 308	13 051	19 276	24 837	28 895
Internal combustion		850	911	955	1 032	1 104	1 195
Nuclear		-	-	-	-	-	-
Hydro		20 519	23 777	20 660	20 745	20 993	21 072
<i>among which:</i>							
Pumped storage		7 063	6 957	6 957	4 017	4 017	4 017
Wind		664	780	874	1 127	1 635	1 902
Geothermal		573	666	707	642	671	671
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		76 233	79 744	78 313	76 540	80 658	84 636
Autoproducers		-	-	-	4 773	4 840	4 851
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	45 945	49 055	53 609	54 181	54 689	55 504
<i>among which:</i>							
Hard coal		6 985	7 954	8 874	10 448	10 001	10 122
Lignite and peat		1	-	1	-	-	-
Petroleum products		16 515	17 519	16 362	11 140	9 640	9 263
Natural gas		17 911	18 491	21 087	23 988	26 897	27 499
Renewables		3 381	3 815	5 631	6 674	6 793	7 183
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	-	-	-	-	-	-
<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

<i>in 1 000 t</i>	ITALIA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	4 097	5 535	5 570	5 445	6 111	5 769
Total imports	91 077	89 730	91 807	93 354	95 424	93 588
Total exports	603	395	1 113	1 415	1 606	1 706
Stock changes	576	-115	90	-429	-122	311
Refinery intake	97 267	96 867	98 819	99 542	101 564	100 781
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	48 894	44 638	51 278	52 689	56 171	55 154
Near and Middle East	29 017	25 588	26 931	27 778	30 562	27 915
Africa	30 665	31 025	31 522	32 291	30 537	33 147
<i>by country of origin:</i>						
Algeria	2 765	2 591	3 466	4 137	2 967	2 694
Irak	3 925	2 722	3 456	3 712	5 855	6 801
Iran	10 443	9 274	9 913	9 556	9 559	9 648
Kazakhstan	292	495	572	1 157	3 023	2 131
Kuwait	653	55	-	-	273	62
Libya	20 284	20 190	21 948	22 035	23 344	23 790
Mexico	87	81	-	-	86	-
Nigeria	1 752	1 318	1 717	1 443	1 551	1 915
Norway	2 927	5 409	4 692	3 337	3 314	3 817
Russia	16 864	15 871	17 508	19 892	18 440	13 956
Saudi Arabia	8 933	8 457	10 564	11 768	12 586	10 173
Syria	5 063	5 034	2 998	2 650	2 562	1 293
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ITALIA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	96 535	96 233	97 840	98 140	100 598	99 199
<i>among which:</i>						
Motor spirit	21 093	20 810	20 705	20 674	21 195	20 983
Kerosene and jet fuel	4 071	4 306	4 517	4 041	3 943	4 111
Naphtha	2 203	2 423	3 615	3 048	3 117	2 982
Gas/diesel oil	37 076	38 993	38 389	39 536	39 844	39 805
Residual fuel oil	19 295	17 190	18 018	17 543	19 032	17 621
Total imports	15 996	18 316	17 568	14 868	13 511	14 078
Total exports	21 816	21 065	22 713	24 146	27 786	26 169
Bunkers	2 900	3 080	3 310	3 456	3 492	3 592
Stock changes	1 052	-555	779	342	845	-441
Gross inland consumption	-7 478	-6 167	-7 476	-12 182	-16 848	-16 054
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	236	358	149	143	96	268
United Kingdom	1 452	1 381	1 384	724	558	339
Norway	246	188	231	10	101	66
OPEC	5 946	7 653	7 589	6 657	5 542	4 975
Imports by product						
<i>among which:</i>						
Motor spirit	615	572	430	339	322	193
Kerosene and jet fuel	338	198	204	493	795	608
Gas/diesel oil	748	1 014	724	1 011	1 524	1 602
Residual fuel oil	7 690	10 774	9 873	5 625	3 625	4 029
Exports by product						
<i>among which:</i>						
Motor spirit	4 279	4 807	5 197	5 751	7 507	7 756
Kerosene and jet fuel	638	971	761	536	702	370
Gas/diesel oil	9 881	9 479	9 611	9 545	9 572	8 952
Residual fuel oil	3 516	2 459	3 372	3 740	5 452	4 676
Consumption						
Inputs to electricity plants	17 230	18 285	17 072	11 536	9 963	9 655
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	9 566	9 600	7 934	7 982	10 084	9 494
Final energy consumption	56 487	56 359	57 780	58 491	57 748	56 787
Industry						
<i>among which by product:</i>						
Gas/diesel oil	435	440	495	1 207	504	385
Residual fuel oil	3 482	3 379	3 537	3 302	3 244	2 784

<i>in 1 000 t</i>	ITALIA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	121	112	117	131	114	124
Non-ferrous metals	89	84	90	80	73	77
Chemical industry	1 316	921	781	1 727	1 149	379
Non-met. mineral prod.	2 948	3 066	3 743	3 840	4 020	3 943
Food, drink, tobacco	672	798	838	819	779	751
Pulp, paper and print	192	190	202	234	224	233
Engineering & metal	771	785	798	748	691	699
Other industries	604	645	667	397	470	484
Transport	39 574	40 057	40 751	41 366	41 126	41 519
<i>among which:</i>						
Motor spirit	16 359	15 993	15 413	14 479	13 467	12 647
Jet fuel	3 304	3 100	3 608	3 595	3 761	3 860
Diesel oil	18 521	19 651	20 521	22 186	22 869	24 025
Services & households etc.	9 771	9 201	9 267	8 739	8 739	8 231
<i>among which:</i>						
Gas oil	7 197	6 701	6 787	6 379	6 333	5 958
Residual fuel oil	350	335	328	259	250	160
Stocks at end of period						
Crude oil and feedstocks	5 435	5 550	5 576	6 005	6 127	6 601
Petroleum products	14 710	15 001	13 954	13 612	12 767	13 208

5. Natural gas

<i>in TJ (GCV)</i>	ITALIA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	580 723	557 137	529 017	493 813	459 905	418 301
Total imports	2 086 927	2 259 025	2 392 454	2 587 295	2 798 826	2 948 903
Total exports	2 365	1 981	14 516	15 050	15 088	14 058
Stock changes	37 490	-129 692	52 692	5 145	43 053	-134 343
Gross inland consumption	2 702 775	2 684 489	2 959 647	3 071 203	3 286 696	3 218 803
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	930 135	920 420	935 774	976 579	1 046 378	1 049 617
Egypt	-	-	-	-	-	-
Libya	-	-	-	19 850	171 183	293 065
Nigeria	96 660	-	-	-	-	-
Norway	46 520	192 329	191 643	197 739	218 046	218 885
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	746 531	789 165	826 313	900 074	888 721	858 012
Consumption						
Inputs to electricity plants	833 212	860 186	980 954	1 115 933	1 251 270	1 279 270
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	11 832	15 725	15 730	14 432	14 422	15 255
Distribution losses	8 894	5 412	14 099	21 719	22 832	21 640
Non-energy use	46 215	42 824	43 245	45 910	46 177	44 007
Industry	774 687	771 718	789 137	722 686	704 130	685 558
<i>among which:</i>						
Iron&steel industry	87 249	87 709	90 489	90 559	90 814	87 759
Non-ferrous metals	17 488	17 757	18 403	18 876	18 593	18 519
Chemical industry	140 132	134 911	137 465	126 252	122 106	121 139
Non-met. mineral prod.	167 259	166 268	169 469	167 843	166 107	163 326
Food, drink, tobacco	85 496	85 229	86 947	79 474	68 819	61 205
Pulp, paper and print	74 981	75 974	77 913	79 474	68 819	61 205
Engineering & metal	102 146	102 145	104 168	101 915	101 207	99 343
Other industries	37 643	38 862	39 855	38 058	37 801	35 647
Transport	17 107	16 843	16 953	16 542	17 656	19 235
Services & households etc.	1 010 830	971 744	1 099 530	1 133 978	1 230 209	1 153 838
<i>among which:</i>						
Households	732 522	711 797	803 531	836 596	874 090	793 036
Services	272 631	254 345	289 824	290 927	348 251	353 886

6.1 Hard coal

<i>in 1 000 t</i>	ITALIA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	139	163	250	98	95	21
Total imports	19 657	19 211	20 562	24 666	24 150	24 632
Total exports	-	-	-	-	-	-
Stock changes	-232	624	334	-484	-5	145
Gross inland consumption	19 564	19 998	21 146	24 280	24 240	24 798
Imports						
Imports by origin						
<i>among which:</i>						
Australia	2 684	2 416	2 874	3 077	2 791	3 097
Colombia	1 451	1 950	-	2 923	2 997	2 034
Russia	868	1 424	1 055	1 895	1 096	833
South Africa	4 639	3 871	4 765	5 902	4 600	4 779
USA	5 142	2 934	2 468	2 329	2 635	2 672
Consumption						
Inputs to electricity plants	11 219	12 749	14 251	16 807	15 999	15 939
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	67	113	60	61	349	54
Industry						
<i>among which:</i>						
Iron&steel industry	1 139	996	1 223	1 628	1 678	1 818
Non-ferrous metals	28	2	1	2	2	2
Chemical industry	3	3	2	3	3	3
Non-met. mineral prod.	547	487	770	883	917	936
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	2	2	-	-	-	-
Engineering & metal	29	2	-	-	-	-
Other industries	2	2	-	-	-	-
Services & households etc.	3	1	1	12	11	11

6.2 Coal derivatives and peat

		ITALIA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		4 829	4 065	3 827	4 062	4 574	4 688
Patent Fuel		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		14 465	14 213	15 111	14 347	14 147	15 752
Blast-furnace gas		35 341	34 468	36 321	35 884	43 071	44 748
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		3 971	3 472	3 769	3 729	3 760	3 529
<i>among which:</i>							
Iron & steel industry		3 640	3 217	3 694	3 692	3 718	3 487
Services & households		104	23	23	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		8	9	7	9	8	8
<i>among which:</i>							
Industry		8	9	7	9	8	8
Services & households		-	-	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		430	433	313	-	-	-
Blast-furnace gas		2 225	606	649	695	801	180
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		45 540	45 766	49 217	48 993	55 890	59 021
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		1 578	1 732	1 175	560	527	1 299
Consumption in industry		2 655	1 039	962	695	801	180

7. Renewable energy sources

		ITALIA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	8 981	8 636	10 090	11 875	11 528	12 198
Hydro (excl. pumping)		4 025	3 398	3 176	3 671	3 101	3 181
Wind		101	121	125	159	202	255
Solar		14	16	18	21	30	38
Geothermal		3 188	3 464	4 810	4 888	4 791	4 966
Biomass		1 653	1 637	1 962	3 136	3 404	3 758
	<i>among which:</i>						
Wood, wood-waste		1 102	1 002	1 015	1 575	1 790	1 919
Municipal solid waste		397	426	692	986	1 111	1 281
Biogas		153	209	255	319	324	359
Gross inland consumption		9 515	9 203	10 714	12 521	12 149	13 097
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		2 971	3 247	4 592	4 675	4 578	4 753
Biomass		410	568	1 039	1 998	2 215	2 430
	<i>among which:</i>						
Wood, wood-waste		-	70	92	693	780	790
Municipal waste		257	289	692	986	1 111	1 281
Biogas		153	209	255	319	324	359
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	2 006	1 867	1 780	2 014	2 050	2 475
	<i>by sector:</i>						
Industry		215	208	206	203	198	198
Services & households etc.		1 791	1 659	1 574	1 556	1 673	2 116
Transport		-	-	-	255	179	161
	<i>by source:</i>						
Biomass		1 777	1 636	1 547	1 783	1 810	2 227
	<i>among which:</i>						
Wood, wood-waste		1 637	1 498	1 547	1 528	1 631	2 028
Municipal waste		141	137	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		217	217	217	213	213	213
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		19	21	24	29	31	35
Hydro with installed capacity < 1 MW		1 668	1 604	1 455	1 731	1 526	1 521
Hydro with installed capacity > 1 & <10 MW		6 989	6 444	5 736	7 129	6 090	6 354
Hydro with installed capacity > 10 MW		38 154	31 472	29 483	33 885	28 451	29 119
Wood, Wood-waste		-	-	611	1 913	2 167	2 312
Municipal waste		1 258	1 428	1 812	2 277	2 620	2 917
Biogas		684	943	1 033	1 170	1 198	1 336

		ITALIA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		20	6	7	7	7	45
Hydro with installed capacity < 1 MW		384	398	329	413	419	427
Hydro with installed capacity > 1 & <10 MW		1 849	1 892	1 554	1 951	1 986	2 040
Hydro with installed capacity > 10 MW		11 223	14 530	11 820	14 691	14 920	14 944
Wood, Wood-waste		180	155	383	503	510	2 078
Municipal waste		222	224	446	511	1 162	1 195
Biogas		198	224	257	268	284	310
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	286	200	223
Solar Panels							
Solar panel surface	<i>1000 m²</i>	301	348	400	460	680	866

1. Energy economy

Key figures and energy indicators

		KYPROS/KIBRIS					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	44	45	48	48	48	50
Net energy imports		2 504	2 586	2 663	2 417	2 816	2 971
Net oil imports		2 463	2 542	2 627	2 390	2 773	2 928
Net gas imports		-	-	-	-	-	-
Gross inland energy consumption		2 420	2 439	2 654	2 450	2 466	2 609
Final energy consumption		1 697	1 708	1 813	1 818	1 809	1 840
Industry		415	429	428	525	316	331
Transport		929	899	955	860	972	929
Services and households etc.		352	380	430	432	521	580
Gross electricity generation	GWh	3 551	3 785	4 053	4 201	4 377	4 652
Final electricity consumption		3 110	3 385	3 645	3 749	3 960	4 168
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	8 870	9 057	9 230	9 617	9 997	10 401
Population	1000 per.	698	706	715	730	749	766
Industry added value	Mio EUR	1 494	1 551	1 622	1 674	1 698	1 749
Total imports (current prices)	Mio EUR	4 855	4 813	4 766	5 223	5 385	5 743
among which:							
All energy commodities		:	:	:	385	834	1 011
Oil products		:	:	:	373	815	981
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	272.8	269.3	287.6	254.8	246.7	250.8
Final energy consumption / GDP(95)		191.3	188.5	196.5	189.0	181.0	176.9
Energy intensity of industry:							
Final consumption / gross value-added mp		278.1	276.5	263.7	313.8	185.9	189.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.9	22.3	22.8	23.3	23.4	26.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 469	3 458	3 712	3 354	3 291	3 404
Final energy consumption / capita		2 432	2 420	2 536	2 489	2 415	2 401
Household consumption / capita		305	325	347	325	425	452
Final electricity consumption / capita	kWh/cap.	4 459	4 798	5 097	5 133	5 286	5 438
Energy dependency							
Net energy imports / Gross consumption	in %	96.0	100.5	95.9	96.4	100.8	102.5
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	70.1	70.0	68.3	74.2	73.4	70.5
Efficiency of thermal power stations		35.7	36.6	33.3	36.1	35.0	36.4

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	44	45	48	48	48	50
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	-	-	-	-	-	-
Biomass	10	10	12	9	6	7
Imports						
Total	2 504	2 586	2 663	2 417	2 816	2 971
<i>among which:</i> Hard coal	38	42	33	24	43	43
Crude oil and feedstocks	1 152	1 078	971	244	-	-
Petroleum products	1 311	1 464	1 656	2 146	2 773	2 928
Natural Gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Exports						
Total	-	-	-	-	-	-
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Gross inland consumption						
Total	2 420	2 439	2 654	2 450	2 466	2 609
<i>among which:</i> Solid fuels	37	37	38	38	36	37
Crude oil and petrol. prod.	2 337	2 355	2 565	2 362	2 382	2 520
Natural gas	-	-	-	-	-	-
Nuclear Energy	-	-	-	-	-	-
Renewables	44	45	48	48	48	50
Transformation input						
Total	2 008	1 976	2 019	1 279	1 077	1 100
<i>among which:</i> Crude oil and feedstocks	1 154	1 086	973	280	0	0
Petroleum products	854	890	1 046	999	1 077	1 100
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	-	-	-	-	-	-
Transformation output						
Total	1 454	1 407	1 318	641	376	400
<i>among which:</i> Electricity	305	325	348	361	376	400
Heat	-	-	-	-	-	-

		KYPROS/KIBRIS					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		1 697	1 708	1 813	1 818	1 809	1 840
<i>among which:</i>	Solid fuels	37	36	38	38	36	37
	Petroleum products	1 346	1 333	1 411	1 407	1 385	1 393
	Natural Gas	-	-	-	-	-	-
	Renewables	44	45	48	48	48	50
	Electricity	267	291	313	322	340	358
Final energy consumption by sector							
Industry							
Total		415	429	428	525	316	331
<i>among which:</i>	Solid fuels	37	36	38	38	36	37
	Petroleum Products	336	347	338	436	232	243
	Natural Gas	-	-	-	-	-	-
	Renewables	2	2	5	3	1	1
	Electricity	39	41	44	46	47	48
Transport							
Total		929	899	955	860	972	929
<i>among which:</i>	Motor spirit	230	241	265	296	318	339
	Diesel oil	374	346	356	258	352	279
	Jet fuel	322	310	332	303	299	308
	Electricity	2	2	3	3	3	3
Services&households							
Total		352	380	430	432	521	580
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Gas oil	-	-	25	27	112	147
	Natural Gas	-	-	-	-	-	-
	Renewables	42	43	43	45	47	49
	Electricity	227	248	267	274	291	307
	Heat	-	-	-	-	-	-

3.1 Electricity balance

<i>in GWh</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	3 551	3 785	4 053	4 201	4 377	4 652
<i>among which:</i>						
Hydro	-	-	-	-	-	-
Wind	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	3 551	3 785	4 052	4 200	4 376	4 651
<i>of which:</i>						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Petroleum products	3 551	3 785	4 052	4 200	4 376	4 651
Natural gas	-	-	-	-	-	-
Derived gases	-	-	-	-	-	-
Biomass	-	-	-	-	-	-
Industrial wastes	-	-	-	-	-	-
Total net generation	3 364	3 574	3 830	3 974	4 130	4 396
Imports and exports						
Total imports	-	-	-	-	-	-
Total exports	-	-	-	-	-	-
Consumption and losses						
Consumption of the energy branch	208	233	248	238	253	262
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	233	167	159	213	164	221
Final energy consumption	3 110	3 385	3 645	3 749	3 960	4 168
<i>of which:</i>						
Industry	451	474	515	537	546	564
<i>among which:</i>						
Iron&steel industry	-	-	-	-	1	1
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	19	19	20	21	24	25
Non-met. mineral prod.	183	186	208	216	221	225
Food, drink, tobacco	132	147	159	162	166	171
Pulp, paper and print	16	16	17	18	18	20
Engineering & metal	24	25	24	28	30	32
Other industries	53	56	61	61	61	64
Transport	24	26	30	31	31	32
Services & households etc.	2 635	2 885	3 100	3 181	3 383	3 572
<i>among which:</i>						
Households	1 042	1 157	1 294	1 316	1 433	1 500

3.2 Electrical capacity, fuel inputs and heat

		KYPROS/KIBRIS					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	988	988	994	994	1 124	1 134
by source:							
Conventional thermal		988	988	994	994	1 124	1 134
<i>of which:</i>							
Steam		800	800	800	800	930	930
Gas turbine		188	188	188	188	188	188
Combined cycle		-	-	-	-	-	-
Internal combustion		-	-	6	6	6	16
Nuclear		-	-	-	-	-	-
Hydro		-	-	-	-	-	-
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		988	988	988	988	1 119	1 118
Autoproducers		-	-	6	6	6	16
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	854	890	1 046	999	1 077	1 100
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		854	890	1 046	999	1 077	1 100
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	1 000 toe	-	-	-	-	-	-
<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>							
in households		-	-	-	-	-	-

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	1 154	1 078	969	243	-	-
Total exports	-	-	-	-	-	-
Stock changes	2	8	2	35	-	-
Refinery intake	1 156	1 086	971	279	-	-
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	-
Near and Middle East	715	40	631	141	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	439	1 038	338	76	-	-
Saudi Arabia	-	-	-	-	-	-
Syria	715	40	631	141	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	1 151	1 082	968	279	-	-
<i>among which:</i>						
Motor spirit	150	153	146	40	-	-
Kerosene and jet fuel	37	36	39	11	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	390	362	327	88	-	-
Residual fuel oil	482	423	362	112	-	-
Total imports	1 344	1 525	1 701	2 190	2 828	2 989
Total exports	-	-	-	-	-	-
Bunkers	193	139	125	57	336	297
Stock changes	69	-72	66	-5	-62	-117
Gross inland consumption	1 220	1 314	1 642	2 128	2 430	2 575
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	-	-	-
United Kingdom	148	-	11	7	176	59
Norway	29	35	-	-	-	-
OPEC	55	40	44	19	39	51
Imports by product						
<i>among which:</i>						
Motor spirit	84	78	110	239	331	335
Kerosene and jet fuel	314	295	323	297	321	331
Gas/diesel oil	198	194	252	479	603	629
Residual fuel oil	585	690	821	925	1 298	1 404
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	894	932	1 095	1 046	1 126	1 151
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	89	92	78	75	76	76
Final energy consumption	1 345	1 333	1 409	1 407	1 386	1 391
Industry						
<i>among which by product:</i>						
Gas/diesel oil	180	186	166	249	47	78
Residual fuel oil	54	55	62	68	66	54

<i>in 1 000 t</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	187	193	199	214	174	163
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	180	186	166	255	50	78
Transport	901	871	925	831	940	897
<i>among which:</i>						
Motor spirit	219	229	252	282	303	323
Jet fuel	314	302	323	295	291	300
Diesel oil	368	340	350	254	346	274
Services & households etc.	77	83	114	107	176	216
<i>among which:</i>						
Gas oil	-	-	25	27	110	144
Residual fuel oil	-	-	-	-	-	2
Stocks at end of period						
Crude oil and feedstocks	45	37	35	-	-	-
Petroleum products	205	277	211	216	278	395

5. Natural gas

<i>in TJ (GCV)</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
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

<i>in 1 000 t</i>	KYPROS/KIBRIS					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	59	66	51	39	63	63
Total exports	-	-	-	-	-	-
Stock changes	-6	-12	2	18	-11	-9
Gross inland consumption	53	54	53	57	52	54
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	9	-	-
Colombia	-	-	-	-	-	-
Russia	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.	53	53	53	57	52	54
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

		KYPROS/KIBRIS					
		2001	2002	2003	2004	2005	2006
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		12	12	12	11	-	-
<i>among which:</i>							
Industry		12	12	12	11	-	-
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					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	44	45	48	48	48	50
Hydro (excl. pumping)		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Solar		34	35	36	39	41	43
Geothermal		-	-	-	-	-	-
Biomass		10	10	12	9	6	7
	<i>among which:</i>						
Wood, wood-waste		10	10	12	9	6	7
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	0
Gross inland consumption		44	45	48	48	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>	44	45	48	48	48	50
	<i>by sector:</i>						
Industry		2	2	5	3	1	1
Services & households etc.		42	43	43	45	47	49
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		10	10	12	9	7	7
	<i>among which:</i>						
Wood, wood-waste		10	10	12	9	7	7
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	0
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	1	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		-	-	-	-	-	-

		KYPROS/KIBRIS					
		2001	2002	2003	2004	2005	2006
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	765

1. Energy economy

Key figures and energy indicators

		LATVIJA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	1 523	1 609	1 730	1 840	1 856	1 842
Net energy imports		2 534	2 455	2 796	3 173	2 994	3 169
Net oil imports		1 455	1 344	1 467	1 564	1 676	1 714
Net gas imports		1 087	1 144	1 406	1 739	1 434	1 530
Gross inland energy consumption		4 091	4 021	4 288	4 406	4 491	4 625
Final energy consumption		3 554	3 612	3 813	3 921	4 030	4 201
Industry		610	620	628	669	705	741
Transport		874	899	959	1 012	1 066	1 177
Services and households etc.		2 070	2 093	2 227	2 240	2 258	2 283
Gross electricity generation	GWh	4 280	3 975	3 975	4 689	4 905	4 891
Final electricity consumption		4 523	4 849	5 180	5 381	5 701	6 098
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	5 334	5 679	6 088	6 616	7 317	8 212
Population	1000 per.	2 364	2 346	2 332	2 319	2 306	2 295
Industry added value	Mio EUR	1 361	1 478	1 588	1 712	1 843	1 983
Total imports (current prices)	Mio EUR	3 061	3 204	3 624	4 225	4 849	5 697
among which:							
All energy commodities		:	:	:	535	1 028	1 163
Oil products		:	:	:	418	812	874
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	767.0	708.0	704.4	666.0	613.8	563.2
Final energy consumption / GDP(95)		666.3	636.0	626.4	592.6	550.7	511.5
Energy intensity of industry:							
Final consumption / gross value-added mp		448.1	419.7	395.2	390.8	382.6	373.5
Energy intensity of service sector:							
Final consumption / gross value-added mp		165.5	169.3	166.0	160.1	143.4	136.2
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 730	1 714	1 839	1 900	1 947	2 016
Final energy consumption / capita		1 503	1 540	1 636	1 691	1 747	1 831
Household consumption / capita		610	610	652	644	657	650
Final electricity consumption / capita	kWh/cap.	1 913	2 067	2 222	2 320	2 472	2 658
Energy dependency							
Net energy imports / Gross consumption	in %	59.1	58.1	62.5	68.9	63.0	65.7
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	86.9	89.8	88.9	89.0	89.7	90.8
Efficiency of thermal power stations		79.7	81.3	82.7	83.4	83.8	85.9

2. Energy balance

Principal aggregates by product

		LATVIJA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		1 523	1 609	1 730	1 840	1 856	1 842
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	17	34	2	3	3	3
	Crude oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	244	212	195	267	286	232
	Biomass	1 263	1 362	1 529	1 565	1 564	1 603
Imports							
Total		2 810	2 810	3 202	3 935	3 940	3 876
<i>among which:</i>	Hard coal	59	69	78	59	73	100
	Crude oil and feedstocks	19	16	7	3	4	22
	Petroleum products	1 437	1 329	1 476	1 893	2 173	1 963
	Natural Gas	1 087	1 144	1 406	1 739	1 434	1 530
	Electricity	201	244	230	235	245	242
Exports							
Total		276	355	406	762	946	706
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	1	1	16	333	501	271
	Natural gas	-	-	-	-	-	-
	Electricity	39	42	3	55	61	26
Gross inland consumption							
Total		4 091	4 021	4 288	4 406	4 491	4 625
<i>among which:</i>	Solid fuels	123	100	89	68	82	87
	Crude oil and petrol. prod.	1 241	1 169	1 294	1 358	1 382	1 480
	Natural gas	1 270	1 291	1 347	1 332	1 358	1 407
	Nuclear Energy	-	-	-	-	-	-
	Renewables	1 296	1 259	1 325	1 459	1 481	1 433
Transformation input							
Total		1 131	1 107	1 126	1 059	1 049	1 073
<i>among which:</i>	Crude oil and feedstocks	12	9	5	1	1	2
	Petroleum products	108	104	77	67	52	30
	Hard coal	12	8	7	7	6	5
	Lignite and peat	29	24	16	1	1	1
	Renewables	134	151	168	175	164	170
Transformation output							
Total		936	919	944	875	877	904
<i>among which:</i>	Electricity	124	129	143	132	132	185
	Heat	811	789	801	743	744	718

		LATVIJA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		3 554	3 612	3 813	3 921	4 030	4 201
<i>among which:</i>	Solid fuels	80	67	60	58	73	80
	Petroleum products	1 141	1 156	1 244	1 300	1 328	1 471
	Natural Gas	390	447	456	492	508	513
	Renewables	915	891	956	1 011	1 024	1 024
	Electricity	389	417	445	463	490	524
Final energy consumption by sector							
Industry							
Total		610	620	628	669	705	741
<i>among which:</i>	Solid fuels	10	12	9	9	26	36
	Petroleum Products	103	101	107	105	90	100
	Natural Gas	254	282	275	284	295	290
	Renewables	85	74	72	104	124	144
	Electricity	133	131	138	140	146	151
Transport							
Total		874	899	959	1 012	1 066	1 177
<i>among which:</i>	Motor spirit	365	357	357	359	352	390
	Diesel oil	450	482	527	568	615	678
	Jet fuel	27	28	40	48	59	67
	Electricity	10	10	10	10	10	10
Services&households							
Total		2 070	2 093	2 227	2 240	2 258	2 283
<i>among which:</i>	Solid fuels	69	55	50	49	47	44
	Gas oil	122	117	135	140	133	151
	Natural Gas	134	164	180	206	212	222
	Renewables	830	817	883	906	897	878
	Electricity	246	276	298	312	334	363
	Heat	615	613	626	573	581	567

3.1 Electricity balance

	LATVIJA						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		4 280	3 975	3 975	4 689	4 905	4 891
<i>among which:</i>							
Hydro		2 833	2 463	2 266	3 109	3 325	2 698
Wind		3	11	48	49	47	46
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		1 444	1 501	1 661	1 531	1 533	2 147
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		42	38	22	-	-	-
Petroleum products		95	139	82	60	6	5
Natural gas		1 304	1 314	1 533	1 433	1 485	2 100
Derived gases		-	-	-	-	-	-
Biomass		3	10	24	38	42	42
Industrial wastes		-	-	-	-	-	-
Total net generation		4 145	3 831	3 782	4 498	4 714	4 677
Imports and exports							
Total imports		2 340	2 838	2 671	2 733	2 855	2 810
Total exports		457	490	38	636	707	302
Consumption and losses							
Consumption of the energy branch		650	481	526	520	516	483
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		990	993	902	885	836	818
Final energy consumption		4 523	4 849	5 180	5 381	5 701	6 098
<i>of which:</i>							
Industry		1 545	1 526	1 605	1 634	1 700	1 759
<i>among which:</i>							
Iron&steel industry		130	137	137	147	144	157
Non-ferrous metals		2	3	3	3	3	2
Chemical industry		78	75	75	66	72	75
Non-met. mineral prod.		93	100	105	105	164	155
Food, drink, tobacco		311	308	313	298	318	323
Pulp, paper and print		27	36	39	42	43	38
Engineering & metal		229	199	211	217	226	224
Other industries		447	447	502	557	605	673
Transport		113	111	115	116	120	120
Services & households etc.		2 865	3 212	3 460	3 631	3 881	4 219
<i>among which:</i>							
Households		1 239	1 317	1 421	1 467	1 572	1 728

3.2 Electrical capacity, fuel inputs and heat

		LATVIJA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	2 100	2 141	2 155	2 156	2 165	2 150
<i>by source:</i>							
Conventional thermal		575	589	592	594	603	588
<i>of which:</i>							
Steam		575	561	560	558	429	369
Gas turbine		-	1	1	1	1	91
Combined cycle		-	-	-	-	146	102
Internal combustion		-	27	31	35	27	26
Nuclear		-	-	-	-	-	-
Hydro		1 523	1 529	1 537	1 536	1 536	1 536
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		2	23	26	26	26	26
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		2 073	2 108	2 122	2 124	2 132	2 119
Autoproducers		27	33	33	32	33	31
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	577	592	609	582	576	678
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		26	23	14	-	-	-
Petroleum products		50	50	34	26	13	13
Natural gas		497	510	548	535	541	642
Renewables		4	9	13	21	21	22
Heating plants		553	514	515	475	473	394
<i>among which:</i>							
Hard coal		12	8	7	7	6	5
Lignite and peat		2	1	1	1	1	1
Petroleum products		58	55	43	41	38	16
Natural gas		341	301	304	272	284	222
Renewables		130	141	155	154	143	149
Heat production and consumption							
Total heat production	1 000 toe	811	789	801	743	744	718
<i>among which: in heating plants</i>							
		475	437	439	389	393	320
Heat consumption		630	629	641	587	598	582
<i>of which: in industry</i>							
		15	15	15	15	16	15
<i>in households and services</i>							
		615	613	626	573	581	567
<i>among which: in households</i>							
		469	466	476	433	439	426

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	LATVIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	19	16	7	3	4	22
Total exports	-	-	-	-	-	-
Stock changes	3	-2	1	-	-	-2
Refinery intake	1	1	1	1	1	1
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

<i>in 1 000 t</i>	LATVIJA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	1	1	1	1	1	1
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	1	1	1	1	1	1
Residual fuel oil	-	-	-	-	-	-
Total imports	1 422	1 315	1 465	1 870	2 145	1 926
Total exports	1	1	16	336	507	261
Bunkers	197	208	190	205	264	200
Stock changes	-24	22	1	-6	-46	-40
Gross inland consumption	1 200	1 138	1 270	1 326	1 338	1 432
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	-	-	-	-
United Kingdom	2	2	-	21	2	5
Norway	29	24	37	35	86	262
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	289	286	322	418	413	561
Kerosene and jet fuel	27	29	36	113	178	76
Gas/diesel oil	665	613	669	776	900	896
Residual fuel oil	288	219	224	208	244	161
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	76	67	126
Kerosene and jet fuel	-	-	-	-	-	1
Gas/diesel oil	-	1	-	50	116	106
Residual fuel oil	-	-	-	200	293	-
Consumption						
Inputs to electricity plants	52	52	36	27	14	14
Inputs to heating plants	61	57	45	43	40	17
Non-energy use	63	76	80	81	97	109
Final energy consumption	1 111	1 128	1 219	1 273	1 296	1 436
Industry						
<i>among which by product:</i>						
Gas/diesel oil	32	29	28	32	33	36
Residual fuel oil	35	27	17	10	12	12

<i>in 1 000 t</i>	LATVIJA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	24	23	23	23	21	23
Non-ferrous metals	1	-	-	-	-	-
Chemical industry	4	4	3	-	-	-
Non-met. mineral prod.	11	21	44	41	26	29
Food, drink, tobacco	35	32	24	22	22	23
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	4	2	2	2	3	4
Other industries	18	18	16	22	21	24
Transport	834	860	918	970	1 020	1 128
<i>among which:</i>						
Motor spirit	347	340	340	342	335	371
Jet fuel	26	27	39	47	57	65
Diesel oil	442	474	518	558	604	666
Services & households etc.	172	163	185	189	182	203
<i>among which:</i>						
Gas oil	120	115	133	138	131	148
Residual fuel oil	18	13	12	11	13	10
Stocks at end of period						
Crude oil and feedstocks	-	2	1	1	1	3
Petroleum products	196	174	173	179	225	267

5. Natural gas

<i>in TJ (GCV)</i>	LATVIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	50 565	53 210	65 403	80 880	66 710	71 174
Total exports	-	-	-	-	-	-
Stock changes	8 503	6 870	-2 728	-18 897	-3 541	-5 738
Gross inland consumption	59 068	60 080	62 675	61 983	63 169	65 436
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	50 565	53 210	65 403	80 880	66 710	71 174
Consumption						
Inputs to electricity plants	23 110	23 748	25 488	24 898	25 156	29 886
Inputs to heat plants	15 844	14 003	14 165	12 635	13 230	10 322
Consumption of energy branch	974	896	972	969	969	1 043
Distribution losses	524	635	822	596	186	298
Non-energy use	-	-	-	-	-	-
Industry	11 799	13 106	12 782	13 231	13 714	13 489
<i>among which:</i>						
Iron&steel industry	4 509	4 331	4 410	4 473	4 583	4 546
Non-ferrous metals	211	299	336	298	224	223
Chemical industry	262	299	336	447	485	522
Non-met. mineral prod.	2 023	2 613	2 093	2 050	2 646	2 087
Food, drink, tobacco	2 547	2 875	2 616	3 094	2 982	3 093
Pulp, paper and print	150	149	187	186	224	261
Engineering & metal	337	411	524	484	484	633
Other industries	712	897	1 047	1 006	1 192	1 490
Transport	112	75	75	75	75	75
Services & households etc.	6 218	7 617	8 371	9 579	9 839	10 323
<i>among which:</i>						
Households	3 334	3 659	4 074	4 398	4 659	4 807
Services	2 210	3 249	3 475	4 175	4 360	4 733

6.1 Hard coal

<i>in 1 000 t</i>	LATVIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	87	102	124	95	116	160
Total exports	-	-	-	-	-	-
Stock changes	40	-	-23	3	4	-30
Gross inland consumption	127	102	101	98	120	130
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	86	99	120	94	115	160
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	17	12	11	11	9	8
Consumption of energy branch	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	26	43
Food, drink, tobacco	4	4	5	4	4	3
Pulp, paper and print	1	1	1	1	1	1
Engineering & metal	-	-	-	-	1	1
Other industries	1	1	1	1	1	1
Services & households etc.	101	81	80	78	75	71

6.2 Coal derivatives and peat

		LATVIJA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
Lignite and peat		69	142	8	13	12	14
Brown coal briquettes		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		8	10	6	7	7	6
<i>among which:</i>							
Iron & steel industry		8	9	5	7	7	5
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Brown coal briquettes		1	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		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					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	1 506	1 575	1 728	1 837	1 854	1 839
Hydro (excl. pumping)		244	212	195	267	286	232
Wind		0	1	4	4	4	4
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		1 263	1 362	1 529	1 565	1 564	1 603
	<i>among which:</i>						
Wood, wood-waste		1 263	1 361	1 526	1 558	1 554	1 586
Municipal solid waste		-	-	-	-	-	-
Biogas		-	1	4	7	8	8
Gross inland consumption		1 296	1 259	1 325	1 459	1 481	1 433
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		134	151	168	175	164	170
	<i>among which:</i>						
Wood, wood-waste		134	149	166	171	158	164
Municipal waste		-	-	-	-	-	-
Biogas		-	1	2	4	6	6
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	915	891	956	1 011	1 024	1 024
	<i>by sector:</i>						
Industry		85	74	72	104	124	144
Services & households etc.		830	817	883	906	897	878
Transport		-	-	-	-	3	2
	<i>by source:</i>						
Biomass		915	891	956	1 011	1 024	1 024
	<i>among which:</i>						
Wood, wood-waste		915	891	954	1 008	1 019	1 020
Municipal waste		-	-	-	-	-	-
Biogas		-	-	2	3	2	2
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		29	24	43	46	40	26
Hydro with installed capacity > 1 & <10 MW		8	8	14	23	22	14
Hydro with installed capacity > 10 MW		2 796	2 431	2 213	3 040	3 263	2 659
Wood, Wood-waste		3	6	6	6	6	7
Municipal waste		-	-	-	-	-	-
Biogas		-	5	18	32	36	35

		LATVIJA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		11	17	20	18	18	18
Hydro with installed capacity > 1 & <10 MW		1	1	6	7	7	7
Hydro with installed capacity > 10 MW		1 511	1 511	1 511	1 511	1 511	1 511
Wood, Wood-waste		-	-	2	3	3	3
Municipal waste		-	-	-	-	-	-
Biogas		-	5	5	6	7	7
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	2	12
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		LIETUVA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	4 080	4 812	5 105	4 963	3 683	3 244
Net energy imports		3 923	3 740	4 105	4 439	5 120	5 481
Net oil imports		2 062	2 004	2 235	2 562	2 700	2 791
Net gas imports		2 145	2 169	2 355	2 343	2 492	2 480
Gross inland energy consumption		8 135	8 639	8 984	9 147	8 616	8 430
Final energy consumption		3 860	4 014	4 123	4 286	4 465	4 722
Industry		772	863	910	937	995	1 055
Transport		1 143	1 181	1 206	1 325	1 408	1 503
Services and households etc.		1 944	1 970	2 007	2 024	2 062	2 163
Gross electricity generation	GWh	14 737	17 721	19 488	19 274	14 784	12 482
Final electricity consumption		6 406	6 693	7 142	7 612	7 930	8 399
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	6 649	7 109	7 843	8 417	9 085	9 781
Population	1000 per.	3 487	3 476	3 463	3 446	3 425	3 403
Industry added value	Mio EUR	1 998	2 116	2 481	2 727	2 933	3 240
Total imports (current prices)	Mio EUR	5 277	6 211	6 855	7 876	9 234	10 511
among which:							
All energy commodities		:	:	:	1 324	3 059	3 466
Oil products		:	:	:	1 191	2 782	3 064
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 223.5	1 215.2	1 145.5	1 086.7	948.4	861.9
Final energy consumption / GDP(95)		580.5	564.6	525.7	509.3	491.5	482.7
Energy intensity of industry:							
Final consumption / gross value-added mp		386.6	408.0	366.7	343.7	339.2	325.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		139.1	134.4	134.3	131.1	125.9	126.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 333	2 486	2 595	2 654	2 515	2 477
Final energy consumption / capita		1 107	1 155	1 191	1 244	1 303	1 387
Household consumption / capita		393	396	399	398	404	420
Final electricity consumption / capita	kWh/cap.	1 837	1 926	2 063	2 209	2 315	2 468
Energy dependency							
Net energy imports / Gross consumption	in %	47.6	42.8	45.2	47.9	58.5	64.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	47.4	46.5	45.9	46.9	51.8	56.0
Efficiency of thermal power stations		73.1	80.2	82.6	81.9	79.9	83.4

2. Energy balance

Principal aggregates by product

		LIETUVA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		4 080	4 812	5 105	4 963	3 683	3 244
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	10	14	13	14	20	15
	Crude oil	482	444	390	308	220	184
	Natural Gas	-	-	-	-	-	-
	Nuclear heat	2 931	3 648	3 994	3 896	2 666	2 232
	Hydro-electricity	28	30	28	36	39	34
	Biomass	630	666	677	706	734	776
Imports							
Total		9 710	9 407	10 540	12 335	12 856	12 516
<i>among which:</i>	Hard coal	64	134	177	158	176	236
	Crude oil and feedstocks	6 802	6 415	7 329	9 007	9 244	8 724
	Petroleum products	310	290	311	444	426	520
	Natural Gas	2 145	2 169	2 355	2 343	2 492	2 480
	Electricity	382	390	356	369	485	500
Exports							
Total		5 787	5 668	6 435	7 896	7 736	7 035
<i>among which:</i>	Crude oil and feedstocks	359	127	294	197	151	117
	Petroleum products	4 691	4 574	5 111	6 692	6 819	6 336
	Natural gas	-	-	-	-	-	-
	Electricity	723	947	1 004	988	740	537
Gross inland consumption							
Total		8 135	8 639	8 984	9 147	8 616	8 430
<i>among which:</i>	Solid fuels	89	147	187	182	201	274
	Crude oil and petrol. prod.	2 628	2 529	2 388	2 604	2 769	2 720
	Natural gas	2 146	2 170	2 354	2 348	2 476	2 454
	Nuclear Energy	2 931	3 648	3 994	3 896	2 666	2 232
	Renewables	682	703	708	736	758	787
Transformation input							
Total		11 595	12 046	12 983	14 460	13 868	12 378
<i>among which:</i>	Crude oil and feedstocks	7 020	6 773	7 345	8 890	9 458	8 467
	Petroleum products	456	395	243	222	224	214
	Hard coal	8	7	7	7	7	7
	Lignite and peat	6	7	8	9	7	8
	Renewables	68	109	125	157	154	177
Transformation output							
Total		9 240	9 350	10 081	11 576	11 789	10 647
<i>among which:</i>	Electricity	1 207	1 457	1 591	1 576	1 201	1 003
	Heat	1 142	1 202	1 227	1 184	1 192	1 249

		LIETUVA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		3 860	4 014	4 123	4 286	4 465	4 722
<i>among which:</i>	Solid fuels	75	135	173	169	190	262
	Petroleum products	1 412	1 403	1 388	1 510	1 610	1 669
	Natural Gas	386	419	432	481	503	544
	Renewables	585	592	594	576	574	580
	Electricity	551	575	614	655	682	722
Final energy consumption by sector							
Industry							
Total		772	863	910	937	995	1 055
<i>among which:</i>	Solid fuels	10	55	86	87	94	135
	Petroleum Products	152	104	67	79	94	83
	Natural Gas	217	243	248	271	290	312
	Renewables	46	81	99	103	101	92
	Electricity	202	219	226	236	244	252
Transport							
Total		1 143	1 181	1 206	1 325	1 408	1 503
<i>among which:</i>	Motor spirit	387	377	375	359	352	362
	Diesel oil	592	618	620	711	775	833
	Jet fuel	35	31	33	39	46	52
	Electricity	4	4	5	5	5	5
Services&households							
Total		1 944	1 970	2 007	2 024	2 062	2 163
<i>among which:</i>	Solid fuels	65	80	87	82	96	128
	Gas oil	34	39	38	40	44	43
	Natural Gas	169	177	184	209	213	232
	Renewables	539	511	494	473	470	469
	Electricity	345	352	383	414	433	465
	Heat	706	728	740	735	733	762

3.1 Electricity balance

	LIETUVA						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		14 737	17 721	19 488	19 274	14 784	12 482
<i>among which:</i>							
Hydro		701	781	985	943	820	802
Wind		-	-	-	1	2	14
Geothermal		-	-	-	-	-	-
Nuclear		11 362	14 142	15 484	15 102	10 337	8 651
Conventional thermal		2 674	2 798	3 019	3 228	3 625	3 015
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	1
Petroleum products		720	547	327	361	401	329
Natural gas		1 884	2 109	2 518	2 691	3 017	2 464
Derived gases		-	-	-	-	-	-
Biomass		2	4	7	6	7	25
Industrial wastes		68	138	167	170	200	196
Total net generation		13 218	16 078	17 878	17 706	13 584	11 393
Imports and exports							
Total imports		4 442	4 532	4 144	4 293	5 641	5 812
Total exports		8 406	11 018	11 674	11 488	8 607	6 240
Consumption and losses							
Consumption of the energy branch		2 576	2 689	2 751	2 672	2 299	2 169
<i>of which:</i>							
Consumption for pumped-storage		142	153	230	197	143	162
Network losses		1 416	1 426	1 405	1 273	1 220	1 081
Final energy consumption		6 406	6 693	7 142	7 612	7 930	8 399
<i>of which:</i>							
Industry		2 346	2 546	2 630	2 744	2 833	2 933
<i>among which:</i>							
Iron&steel industry		54	40	34	32	29	25
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		450	507	551	554	598	671
Non-met. mineral prod.		189	232	236	211	230	272
Food, drink, tobacco		433	454	451	453	496	513
Pulp, paper and print		135	99	86	86	91	97
Engineering & metal		371	391	399	431	386	287
Other industries		382	472	526	650	714	762
Transport		50	52	53	54	56	58
Services & households etc.		4 010	4 095	4 459	4 814	5 041	5 408
<i>among which:</i>							
Households		1 818	1 811	1 895	2 066	2 141	2 350

3.2 Electrical capacity, fuel inputs and heat

		LIETUVA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	5 696	5 696	5 705	5 708	4 531	4 562
<i>by source:</i>							
Conventional thermal		2 466	2 466	2 469	2 470	2 470	2 471
<i>of which:</i>							
Steam		2 466	2 466	2 467	2 446	2 442	2 442
Gas turbine		-	-	2	23	23	23
Combined cycle		-	-	-	1	5	6
Internal combustion		-	-	-	-	-	-
Nuclear		2 367	2 367	2 367	2 367	1 183	1 183
Hydro		863	863	869	870	877	877
<i>among which:</i>							
Pumped storage		760	760	760	760	760	760
Wind		-	-	-	1	1	31
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		5 655	5 655	5 664	5 669	4 494	4 526
Autoproducers		66	66	66	64	62	61
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	1 002	983	1 033	1 141	1 221	1 161
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		222	227	143	159	172	164
Natural gas		769	736	873	973	1 044	977
Renewables		11	20	18	9	5	20
Heating plants		641	639	607	528	519	513
<i>among which:</i>							
Hard coal		8	7	7	7	7	7
Lignite and peat		3	3	3	3	3	3
Petroleum products		234	167	100	62	52	50
Natural gas		337	372	390	308	308	296
Renewables		57	89	106	148	149	157
Heat production and consumption							
Total heat production	1 000 toe	1 142	1 202	1 227	1 184	1 192	1 249
<i>among which: in heating plants</i>							
		587	599	581	480	482	491
Heat consumption		851	890	922	895	905	944
<i>of which: in industry</i>							
		145	162	182	161	172	182
<i>in households and services</i>							
		706	728	740	735	733	762
<i>among which: in households</i>							
		517	544	544	535	532	549

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	LIETUVA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	471	434	382	302	216	181
Total imports	6 651	6 276	7 177	8 822	9 061	8 577
Total exports	351	124	288	193	148	115
Stock changes	125	80	-75	-187	211	-286
Refinery intake	6 862	6 625	7 191	8 707	9 271	8 325
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	6 436	6 214	7 088	8 177	8 871	8 038
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	LIETUVA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	6 732	6 542	7 106	8 629	9 206	8 248
<i>among which:</i>						
Motor spirit	1 889	1 719	1 882	2 331	2 462	2 163
Kerosene and jet fuel	669	655	695	850	832	764
Naphtha	-	-	-	-	-	-
Gas/diesel oil	2 021	1 850	2 064	2 523	2 781	2 246
Residual fuel oil	1 161	1 229	1 381	1 673	1 799	1 938
Total imports	307	292	309	444	434	515
Total exports	4 570	4 472	5 011	6 568	6 696	6 244
Bunkers	102	111	112	116	147	142
Stock changes	31	90	-71	14	-249	156
Gross inland consumption	-4 322	-4 197	-4 884	-6 224	-6 656	-5 710
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	1	1	-	1	-
United Kingdom	-	1	-	-	1	15
Norway	-	9	12	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	24	2	2	4	26	88
Kerosene and jet fuel	26	25	25	23	-	13
Gas/diesel oil	71	51	39	123	87	92
Residual fuel oil	97	118	124	159	158	152
Exports by product						
<i>among which:</i>						
Motor spirit	1 585	1 396	1 563	2 062	2 177	2 033
Kerosene and jet fuel	489	483	415	544	495	511
Gas/diesel oil	1 444	1 401	1 651	2 180	2 194	1 660
Residual fuel oil	639	742	979	1 347	1 417	1 664
Consumption						
Inputs to electricity plants	233	239	150	168	182	173
Inputs to heating plants	245	175	104	65	54	52
Non-energy use	125	146	161	206	227	220
Final energy consumption	1 368	1 355	1 336	1 455	1 553	1 612
Industry						
<i>among which by product:</i>						
Gas/diesel oil	24	21	23	25	37	30
Residual fuel oil	127	79	38	48	46	35

<i>in 1 000 t</i>	LIETUVA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	3	1	1	-	-	1
Non-met. mineral prod.	89	52	14	27	35	33
Food, drink, tobacco	32	20	20	19	19	18
Pulp, paper and print	1	1	1	-	-	-
Engineering & metal	5	5	2	3	1	1
Other industries	21	22	23	24	32	27
Transport	1 098	1 133	1 156	1 270	1 348	1 425
<i>among which:</i>						
Motor spirit	368	359	357	342	335	344
Jet fuel	34	30	32	38	45	51
Diesel oil	582	607	609	699	762	819
Services & households etc.	113	115	112	105	110	101
<i>among which:</i>						
Gas oil	33	38	37	39	43	42
Residual fuel oil	7	6	7	5	4	2
Stocks at end of period						
Crude oil and feedstocks	262	181	256	443	232	518
Petroleum products	728	638	709	695	944	789

5. Natural gas

<i>in TJ (GCV)</i>	LIETUVA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	99 763	100 879	109 549	108 991	115 949	115 354
Total exports	-	-	-	-	-	-
Stock changes	74	74	-37	223	-744	-1 191
Gross inland consumption	99 837	100 953	109 512	109 214	115 205	114 163
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	99 763	100 879	109 549	108 991	115 949	115 354
Consumption						
Inputs to electricity plants	35 771	34 242	40 590	45 250	48 561	45 464
Inputs to heat plants	15 672	17 317	18 122	14 307	14 326	13 765
Consumption of energy branch	524	565	501	500	862	1 324
Distribution losses	1 150	706	1 106	993	467	76
Non-energy use	28 344	28 121	28 522	25 147	26 986	27 804
Industry	10 096	11 286	11 549	12 629	13 476	14 520
<i>among which:</i>						
Iron&steel industry	28	4	7	59	56	52
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	212	279	390	2 057	2 243	3 799
Non-met. mineral prod.	2 052	1 422	1 424	1 318	1 793	1 879
Food, drink, tobacco	3 206	4 212	4 473	4 123	4 104	4 294
Pulp, paper and print	1 488	1 017	468	59	71	49
Engineering & metal	1 062	1 275	1 402	1 537	1 492	841
Other industries	805	1 637	1 815	2 003	2 315	2 148
Transport	-	-	-	-	-	-
Services & households etc.	7 875	8 213	8 556	9 738	9 932	10 775
<i>among which:</i>						
Households	5 000	5 124	5 466	5 909	6 255	6 515
Services	1 578	1 790	1 861	2 415	2 353	2 504

6.1 Hard coal

<i>in 1 000 t</i>	LIETUVA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	106	223	295	264	293	394
Total exports	-	-	-	-	2	3
Stock changes	9	-12	-24	-1	-7	5
Gross inland consumption	115	211	271	263	284	396
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	99	215	286	258	291	389
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	13	11	12	12	11	11
Consumption of energy branch						
Industry	4	79	129	130	135	196
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	-	74	124	125	129	190
Food, drink, tobacco	2	3	2	1	2	2
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	1	1	3	2	2	2
Services & households etc.	98	120	129	121	138	188

6.2 Coal derivatives and peat

		LIETUVA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
Lignite and peat		35	50	46	50	70	55
Brown coal briquettes		9	11	15	15	11	14
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		10	10	12	12	18	24
<i>among which:</i>							
Iron & steel industry		-	-	-	-	2	2
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		13	15	14	13	26	17
<i>among which:</i>							
Industry		3	1	1	1	-	-
Services & households		10	14	13	12	26	17
Brown coal briquettes		9	11	16	19	18	29
<i>among which:</i>							
Industry		-	-	-	1	1	1
Services & households		9	11	16	18	17	28
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					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	658	706	708	745	776	813
Hydro (excl. pumping)		28	30	28	36	39	34
Wind		-	-	-	0	0	1
Solar		-	-	-	-	-	-
Geothermal		-	9	3	3	3	2
Biomass		630	666	677	706	734	776
	<i>among which:</i>						
Wood, wood-waste		630	665	675	701	722	759
Municipal solid waste		-	-	-	-	-	-
Biogas		-	1	2	2	2	2
Gross inland consumption		682	703	708	736	758	787
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	9	3	3	3	2
Biomass		68	100	122	154	151	175
	<i>among which:</i>						
Wood, wood-waste		68	99	121	153	150	174
Municipal waste		-	-	-	-	-	-
Biogas		-	1	1	1	1	1
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	585	592	594	576	574	580
	<i>by sector:</i>						
Industry		46	81	99	103	101	92
Services & households etc.		539	511	494	473	470	469
Transport		-	-	-	1	3	19
	<i>by source:</i>						
Biomass		585	592	594	576	574	580
	<i>among which:</i>						
Wood, wood-waste		585	591	593	575	570	560
Municipal waste		-	-	-	-	-	-
Biogas		-	1	1	1	1	1
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		31	25	29	43	45	40
Hydro with installed capacity > 1 & <10 MW		10	11	12	18	21	15
Hydro with installed capacity > 10 MW		284	317	284	359	385	341
Wood, Wood-waste		2	4	6	4	3	19
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	2	4	5

		LIETUVA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		9	9	13	14	19	19
Hydro with installed capacity > 1 & <10 MW		4	4	6	6	8	8
Hydro with installed capacity > 10 MW		90	90	90	90	90	90
Wood, Wood-waste		2	2	2	2	2	26
Municipal waste		-	-	-	-	-	-
Biogas		-	2	2	3	3	3
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	4	14	20
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		LUXEMBOURG					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	50	56	60	73	74	79
Net energy imports		3 697	3 950	4 154	4 535	4 622	4 662
Net oil imports		2 407	2 509	2 694	2 951	3 081	3 012
Net gas imports		695	1 053	1 064	1 199	1 179	1 234
Gross inland energy consumption		3 776	3 990	4 208	4 621	4 714	4 712
Final energy consumption		3 703	3 745	3 967	4 350	4 439	4 398
Industry		921	889	890	963	938	1 019
Transport		1 993	2 134	2 339	2 591	2 721	2 631
Services and households etc.		789	722	737	796	781	747
Gross electricity generation	GWh	1 243	3 676	3 612	4 145	4 129	4 333
Final electricity consumption		5 633	5 673	6 015	6 377	6 158	6 529
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	21 826	22 722	23 198	24 329	25 551	27 115
Population	1000 per.	439	444	448	455	461	469
Industry added value	Mio EUR	3 874	4 100	4 132	4 356	4 437	4 443
Total imports (current prices)	Mio EUR	24 040	24 232	25 716	28 198	29 928	32 070
among which:							
All energy commodities		663	660	706	960	1 317	1 471
Oil products		:	:	695	946	1 297	1 445
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	173.0	175.6	181.4	189.9	184.5	173.8
Final energy consumption / GDP(95)		169.7	164.8	171.0	178.8	173.7	162.2
Energy intensity of industry:							
Final consumption / gross value-added mp		237.8	216.7	215.4	221.0	211.3	229.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		7.2	5.8	6.0	6.2	5.7	5.6
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	8 600	8 987	9 387	10 155	10 221	10 046
Final energy consumption / capita		8 436	8 434	8 848	9 560	9 626	9 374
Household consumption / capita		1 512	1 387	1 397	1 472	1 412	1 301
Final electricity consumption / capita	kWh/cap.	12 831	12 777	13 417	14 015	13 352	13 918
Energy dependency							
Net energy imports / Gross consumption	in %	97.9	99.0	98.7	98.1	98.0	98.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	98.1	93.9	94.3	94.1	94.2	93.3
Efficiency of thermal power stations		72.3	59.0	59.2	58.6	57.7	59.2

2. Energy balance

Principal aggregates by product

		LUXEMBOURG					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		50	56	60	73	74	79
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Crude oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	2	10	7	9	8	9
	Biomass	46	44	51	59	59	63
Imports							
Total		3 792	4 219	4 407	4 819	4 906	4 951
<i>among which:</i>	Hard coal	106	89	74	90	78	107
	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	2 438	2 525	2 708	2 966	3 096	3 020
	Natural Gas	695	1 053	1 064	1 199	1 179	1 234
	Electricity	549	548	557	559	550	587
Exports							
Total		95	270	253	284	284	289
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	31	17	14	15	15	8
	Natural gas	-	-	-	-	-	-
	Electricity	64	253	239	269	269	281
Gross inland consumption							
Total		3 776	3 990	4 208	4 621	4 714	4 712
<i>among which:</i>	Solid fuels	110	93	78	94	82	110
	Crude oil and petrol. prod.	2 435	2 492	2 688	2 964	3 100	2 983
	Natural gas	695	1 053	1 064	1 199	1 179	1 234
	Nuclear Energy	-	-	-	-	-	-
	Renewables	50	56	60	73	74	79
Transformation input							
Total		87	449	466	563	568	597
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	-	-	-	-	-	-
	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Renewables	30	29	36	43	43	47
Transformation output							
Total		63	265	276	330	328	353
<i>among which:</i>	Electricity	29	228	229	278	274	289
	Heat	34	36	47	51	55	64

		LUXEMBOURG					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		3 703	3 745	3 967	4 350	4 439	4 398
<i>among which:</i>	Solid fuels	110	93	78	94	82	110
	Petroleum products	2 421	2 479	2 676	2 960	3 080	2 961
	Natural Gas	637	633	633	680	678	684
	Renewables	16	15	16	16	16	17
	Electricity	484	488	517	548	529	561
Final energy consumption by sector							
Industry							
Total		921	889	890	963	938	1 019
<i>among which:</i>	Solid fuels	109	92	78	94	81	110
	Petroleum Products	68	54	49	56	74	79
	Natural Gas	406	405	398	427	421	436
	Renewables	-	-	-	-	-	-
	Electricity	318	318	342	360	342	366
Transport							
Total		1 993	2 134	2 339	2 591	2 721	2 631
<i>among which:</i>	Motor spirit	598	584	595	556	510	472
	Diesel oil	1 037	1 162	1 342	1 596	1 768	1 743
	Jet fuel	346	375	390	425	431	405
	Electricity	9	9	9	9	8	10
Services&households							
Total		789	722	737	796	781	747
<i>among which:</i>	Solid fuels	1	1	0	0	0	0
	Gas oil	354	297	293	319	290	257
	Natural Gas	231	228	236	253	257	247
	Renewables	16	15	16	15	16	16
	Electricity	158	161	166	179	179	186
	Heat	13	16	23	26	35	36

3.1 Electricity balance

	LUXEMBOURG						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		1 243	3 676	3 612	4 145	4 129	4 333
<i>among which:</i>							
Hydro		877	994	917	859	877	917
Wind		26	25	26	39	53	58
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		339	2 656	2 668	3 238	3 181	3 337
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		279	2 593	2 603	3 153	3 106	3 247
Derived gases		-	-	-	-	-	-
Biomass		60	63	65	85	75	90
Industrial wastes		-	-	-	-	-	-
Total net generation		1 179	3 618	3 559	4 107	4 086	4 280
Imports and exports							
Total imports		6 390	6 377	6 481	6 506	6 392	6 824
Total exports		744	2 939	2 777	3 132	3 131	3 267
Consumption and losses							
Consumption of the energy branch		225	362	307	332	346	358
<i>of which:</i>							
Consumption for pumped-storage		162	305	255	303	321	326
Network losses		173	197	153	48	102	132
Final energy consumption		5 633	5 673	6 015	6 377	6 158	6 529
<i>of which:</i>							
Industry		3 693	3 694	3 978	4 191	3 979	4 259
<i>among which:</i>							
Iron&steel industry		1 903	1 960	1 874	1 913	1 709	1 895
Non-ferrous metals		-	-	-	-	-	-
Chemical industry		309	299	362	392	384p	400p
Non-met. mineral prod.		-	-	-	-	-	-
Food, drink, tobacco		87	84	102	110	109p	113p
Pulp, paper and print		-	-	-	-	-	-
Engineering & metal		661	640	777	841	824p	858p
Other industries		359	348	422	458	485p	505p
Transport		101	104	104	105	95	111
Services & households etc.		1 839	1 875	1 933	2 081	2 084	2 159
<i>among which:</i>							
Households		723	737	750	807	810p	831p

3.2 Electrical capacity, fuel inputs and heat

		LUXEMBOURG					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	1 220	1 598	1 614	1 634	1 276	1 638
<i>by source:</i>							
Conventional thermal		65	443	452	459	101	463
<i>of which:</i>							
Steam		9	9	9	9	9	9
Gas turbine		28	378	378	378	378	378
Combined cycle		-	-	-	-	-	-
Internal combustion		47	66	65	72	73	76
Nuclear		-	-	-	-	-	-
Hydro		1 140	1 140	1 140	1 140	1 140	1 140
<i>among which:</i>							
Pumped storage		1 100	1 100	1 100	1 100	1 100	1 100
Wind		15	15	22	35	35	35
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		1 140	1 490	1 491	1 491	1 491	1 497
Autoproducers		87	107	136	165	167	166
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	87	449	466	563	568	597
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		57	420	431	520	525	550
Renewables		30	29	36	43	43	47
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	34	36	47	51	55	64
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		34	36	47	51	55	64
<i>of which: in industry</i>							
		21	20	23	26	20	28
<i>in households and services</i>							
		13	16	23	26	35	36
<i>among which: in households</i>							
		13	16	23	26	35	32

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	LUXEMBOURG					
	2001	2002	2003	2004	2005	2006
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

<i>in 1 000 t</i>	LUXEMBOURG					
	2001	2002	2003	2004	2005	2006
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	2 372	2 459	2 638	2 893	3 023	2 950
Total exports	30	16	13	14	14	8
Bunkers	-	-	-	-	-	-
Stock changes	28	-16	-6	13	18	-28
Gross inland consumption	2 370	2 427	2 619	2 892	3 027	2 914
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	71	76	126	269	346	313
United Kingdom	-	-	-	-	-	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	574	554	573	529	479	454
Kerosene and jet fuel	331	371	378	412	421	400
Gas/diesel oil	1 416	1 491	1 646	1 915	2 083	2 058
Residual fuel oil	7	6	5	4	2	2
Exports by product						
<i>among which:</i>						
Motor spirit	3	2	1	1	1	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	21	8	5	6	8	4
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	-	-	-	-	-	-
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	12	11	14	13	21	22
Final energy consumption	2 356	2 414	2 607	2 887	3 006	2 891
Industry						
<i>among which by product:</i>						
Gas/diesel oil	45	32	31	42	62	68
Residual fuel oil	7	6	5	4	2	2

<i>in 1 000 t</i>	LUXEMBOURG					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	6	4	2	2	2	2
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	5	4	3	3	3	3
Non-met. mineral prod.	8	5	5	7	5	4
Food, drink, tobacco	3	3	3	4	4	4
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	39	29	29	32	51	56
Transport	1 928	2 067	2 268	2 515	2 645	2 557
<i>among which:</i>						
Motor spirit	569	556	566	529	485	449
Jet fuel	337	365	380	414	420	394
Diesel oil	1 019	1 142	1 319	1 569	1 738	1 713
Services & households etc.	362	295	291	317	289	257
<i>among which:</i>						
Gas oil	348	292	288	314	285	253
Residual fuel oil	-	-	-	-	-	-
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	108	124	130	117	99	127

5. Natural gas

<i>in TJ (GCV)</i>	LUXEMBOURG					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	32 311	48 986	49 499	55 794	54 829	57 404
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	32 311	48 986	49 499	55 794	54 829	57 404
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	28 519	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	2 662	19 541	20 039	24 177	24 434	25 564
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Distribution losses	-	-	-	-	-	-
Non-energy use	-	-	-	-	-	-
Industry	18 889	18 843	18 496	19 849	19 584	20 302
<i>among which:</i>						
Iron&steel industry	7 025	8 343	8 231	8 568	7 906	9 054
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	-	-	-	-	-	-
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	11 864	10 500	10 265	11 281	11 678	11 248
Transport	-	-	-	-	-	-
Services & households etc.	10 760	10 602	10 964	11 768	11 942	11 511
<i>among which:</i>						
Households	10 760	10 602	10 964	11 768	11 942	11 511
Services	0	0	0	0	0	0

6.1 Hard coal

<i>in 1 000 t</i>	LUXEMBOURG					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	152	127	106	129	111	153
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	152	127	106	129	111	153
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	-	-	-	-	-	-
South Africa	81	55	45	62	49	52
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants						
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	38	47	42	40	34	49
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	114	80	64	89	77	104
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

		LUXEMBOURG					
		2001	2002	2003	2004	2005	2006
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		8	8	8	8	8	7
<i>among which:</i>							
Industry		6	6	7	7	7	6
Services & households		2	2	1	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					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	50	56	60	73	74	79
Hydro (excl. pumping)		2	10	7	9	8	9
Wind		2	2	2	3	5	5
Solar		0	0	0	1	2	2
Geothermal		-	-	-	-	-	-
Biomass		46	44	51	59	59	63
	<i>among which:</i>						
Wood, wood-waste		16	15	15	15	15	16
Municipal solid waste		28	27	31	38	36	38
Biogas		2	2	4	5	7	9
Gross inland consumption		50	56	60	73	74	79
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		30	29	36	43	43	47
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		28	27	31	38	36	38
Biogas		2	2	4	5	7	9
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	16	15	16	16	16	17
	<i>by sector:</i>						
Industry		-	-	-	-	-	-
Services & households etc.		16	15	16	15	16	16
Transport		-	-	-	1	1	1
	<i>by source:</i>						
Biomass		16	15	15	16	16	16
	<i>among which:</i>						
Wood, wood-waste		16	15	15	15	15	16
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		1	1	1	9	18	21
Hydro with installed capacity < 1 MW		6	5	5	5	5	5
Hydro with installed capacity > 1 & <10 MW		127	108	72	95	85	106
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		51	52	48	76	48	57
Biogas		8	9	17	20	27	33

		LUXEMBOURG					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	18	24	25	25
Hydro with installed capacity < 1 MW		2	2	2	2	2	2
Hydro with installed capacity > 1 & <10 MW		38	38	38	38	38	38
Hydro with installed capacity > 10 MW		-	-	-	-	-	-
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		9	9	9	9	9	9
Biogas		-	-	2	5	5	6
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	1	1	1
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2	2	3	4	4	6

1. Energy economy

Key figures and energy indicators

		MAGYARORSZÁG					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	10 842	11 132	10 684	10 166	10 400	10 344
Net energy imports		13 897	14 786	16 350	16 100	17 519	17 347
Net oil imports		4 845	4 794	4 751	4 963	5 872	6 106
Net gas imports		7 783	8 705	9 940	9 278	9 807	9 417
Gross inland energy consumption		25 496	25 938	27 058	26 562	28 006	27 771
Final energy consumption		16 474	17 014	17 624	17 516	18 080	17 920
Industry		3 565	3 770	3 490	3 401	3 430	3 430
Transport		3 414	3 599	3 750	3 882	4 196	4 680
Services and households etc.		9 495	9 644	10 383	10 233	10 454	9 811
Gross electricity generation	GWh	36 418	36 161	34 145	33 708	35 755	35 859
Final electricity consumption		30 543	31 484	31 396	31 818	32 336	33 238
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	43 237	45 128	47 012	49 275	51 311	53 300
Population	1000 per.	10 200	10 175	10 142	10 117	10 098	10 077
Industry added value	Mio EUR	13 362	13 798	14 412	14 951	15 488	16 283
Total imports (current prices)	Mio EUR	36 465	38 937	42 553	48 252	51 513	58 978
among which:							
All energy commodities		:	:	:	1 807	3 498	6 688
Oil products		:	:	:	511	1 015	3 243
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	589.7	574.8	575.6	539.1	545.8	521.0
Final energy consumption / GDP(95)		381.0	377.0	374.9	355.5	352.4	336.2
Energy intensity of industry:							
Final consumption / gross value-added mp		266.8	273.2	242.2	227.5	221.4	210.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		142.3	125.1	126.6	139.8	131.1	114.9
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 500	2 549	2 668	2 626	2 774	2 756
Final energy consumption / capita		1 615	1 672	1 738	1 731	1 791	1 778
Household consumption / capita		550	592	654	599	632	614
Final electricity consumption / capita	kWh/cap.	2 994	3 094	3 096	3 145	3 202	3 299
Energy dependency							
Net energy imports / Gross consumption	in %	54.5	57.0	60.4	60.6	62.6	62.5
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.6	65.6	65.1	65.9	64.6	64.5
Efficiency of thermal power stations		50.9	48.8	47.1	48.9	50.3	49.9

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	10 842	11 132	10 684	10 166	10 400	10 344
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	2 664	2 683	2 709	2 182	1 748	1 818
Crude oil	1 567	1 606	1 619	1 578	1 427	1 356
Natural Gas	2 477	2 356	2 286	2 367	2 331	2 382
Nuclear heat	3 644	3 599	2 841	3 074	3 569	3 472
Hydro-electricity	16	17	15	18	17	16
Biomass	387	784	818	860	1 078	1 174
Imports						
Total	16 905	18 100	19 555	19 314	21 748	21 895
<i>among which:</i> Hard coal	835	700	949	1 186	1 304	1 474
Crude oil and feedstocks	5 732	5 187	5 484	5 717	6 700	7 170
Petroleum products	1 401	2 159	1 808	2 087	2 440	2 316
Natural Gas	7 786	8 705	9 940	9 278	9 807	9 532
Electricity	894	1 084	1 210	905	1 345	1 324
Exports						
Total	3 008	3 314	3 205	3 214	4 230	4 548
<i>among which:</i> Crude oil and feedstocks	-	11	13	154	366	835
Petroleum products	2 288	2 541	2 527	2 687	2 902	2 545
Natural gas	3	-	-	-	-	115
Electricity	622	718	614	263	809	704
Gross inland consumption						
Total	25 496	25 938	27 058	26 562	28 006	27 771
<i>among which:</i> Solid fuels	3 640	3 643	3 801	3 527	3 054	3 099
Crude oil and petrol. prod.	6 727	6 620	7 008	6 613	7 537	7 824
Natural gas	10 711	10 811	11 886	11 712	12 094	11 457
Nuclear Energy	3 644	3 599	2 841	3 074	3 569	3 472
Renewables	491	889	921	966	1 185	1 272
Transformation input						
Total	18 885	18 150	18 212	17 844	19 254	19 718
<i>among which:</i> Crude oil and feedstocks	7 682	7 447	7 624	7 606	8 584	8 736
Petroleum products	1 060	620	498	252	135	171
Hard coal	693	435	675	796	916	1 272
Lignite and peat	2 619	2 612	2 655	2 280	1 715	1 707
Renewables	75	63	83	244	544	462
Transformation output						
Total	13 181	12 382	12 625	12 673	13 802	14 276
<i>among which:</i> Electricity	3 115	3 092	2 921	2 880	3 056	3 064
Heat	1 701	1 474	1 523	1 494	1 508	1 467

<i>in 1 000 toe</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Final energy consumption						
Total	16 474	17 014	17 624	17 516	18 080	17 920
<i>among which:</i> Solid fuels	671	699	687	713	692	709
Petroleum products	4 151	4 419	4 451	4 502	4 798	5 091
Natural Gas	7 009	6 988	7 509	7 488	7 736	7 066
Renewables	400	809	823	702	618	785
Electricity	2 626	2 707	2 700	2 736	2 780	2 858
Final energy consumption by sector						
Industry						
Total	3 565	3 770	3 490	3 401	3 430	3 430
<i>among which:</i> Solid fuels	423	427	408	489	440	443
Petroleum Products	194	326	294	231	262	201
Natural Gas	1 560	1 572	1 468	1 301	1 320	1 260
Renewables	-	18	51	58	76	167
Electricity	811	882	824	817	797	808
Transport						
Total	3 414	3 599	3 750	3 882	4 196	4 680
<i>among which:</i> Motor spirit	1 464	1 500	1 499	1 522	1 552	1 617
Diesel oil	1 632	1 795	1 910	2 007	2 275	2 642
Jet fuel	218	205	201	218	230	270
Electricity	89	87	90	94	94	103
Services&households						
Total	9 495	9 644	10 383	10 233	10 454	9 811
<i>among which:</i> Solid fuels	240	264	274	220	247	267
Gas oil	292	295	274	270	225	110
Natural Gas	5 447	5 414	6 039	6 185	6 414	5 803
Renewables	400	791	772	644	537	607
Electricity	1 726	1 738	1 786	1 825	1 889	1 947
Heat	1 041	846	1 008	870	921	861

3.1 Electricity balance

<i>in GWh</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	36 418	36 161	34 145	33 708	35 755	35 859
<i>among which:</i>						
Hydro	186	194	171	205	203	186
Wind	1	1	4	6	10	43
Geothermal	-	-	-	-	-	-
Nuclear	14 126	13 953	11 013	11 915	13 834	13 461
Conventional thermal	22 105	22 013	22 957	21 582	21 708	22 169
<i>of which:</i>						
Hard coal	50	93	307	432	343	352
Lignite and peat	8 789	8 890	8 863	7 746	6 680	6 650
Petroleum products	4 193	2 137	1 626	773	455	521
Natural gas	8 866	10 740	11 883	11 719	12 377	13 160
Derived gases	84	80	84	161	123	90
Biomass	123	73	194	751	1 716	1 358
Industrial wastes	-	-	-	-	14	38
Total net generation	33 702	33 480	31 379	31 262	33 215	33 345
Imports and exports						
Total imports	10 403	12 605	14 077	10 524	15 637	15 393
Total exports	7 232	8 349	7 138	3 056	9 410	8 186
Consumption and losses						
Consumption of the energy branch	4 370	4 531	5 448	5 378	5 705	5 862
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	4 676	4 399	4 240	3 980	3 941	3 964
Final energy consumption	30 543	31 484	31 396	31 818	32 336	33 238
<i>of which:</i>						
Industry	9 434	10 255	9 585	9 497	9 271	9 394
<i>among which:</i>						
Iron&steel industry	644	685	645	593	759	780
Non-ferrous metals	514	1 085	1 053	1 058	906	508
Chemical industry	3 057	3 048	2 050	2 102	2 127	2 407
Non-met. mineral prod.	971	977	966	971	913	938
Food, drink, tobacco	1 389	1 403	1 538	1 362	1 233	1 247
Pulp, paper and print	464	450	490	511	579	560
Engineering & metal	1 252	1 432	1 551	1 763	2 008	2 125
Other industries	849	885	974	857	484	614
Transport	1 031	1 015	1 045	1 093	1 096	1 199
Services & households etc.	20 078	20 214	20 766	21 228	21 969	22 645
<i>among which:</i>						
Households	10 130	10 440	11 063	11 032	11 115	11 451

3.2 Electrical capacity, fuel inputs and heat

		MAGYARORSZÁG					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	8 393	8 514	8 711	8 633	8 586	8 620
<i>by source:</i>							
Conventional thermal		6 478	6 599	6 788	6 715	6 654	6 672
<i>of which:</i>							
Steam		5 022	5 001	5 012	4 478	4 608	4 426
Gas turbine		580	410	691	678	633	678
Combined cycle		876	986	835	1 130	950	1 068
Internal combustion		-	202	160	265	425	500
Nuclear		1 866	1 866	1 866	1 866	1 866	1 866
Hydro		48	48	54	49	49	49
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		1	1	3	3	17	33
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		8 196	8 317	8 126	8 444	8 451	8 620
Autoproducers		196	196	585	189	135	-
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 108	5 921	6 386	5 757	5 659	5 754
<i>among which:</i>							
Hard coal		16	27	107	155	220	223
Lignite and peat		2 556	2 567	2 615	2 222	1 704	1 697
Petroleum products		1 040	583	458	204	122	122
Natural gas		2 324	2 584	3 052	2 842	2 992	3 167
Renewables		65	51	72	234	530	451
Heating plants		570	569	604	635	629	575
<i>among which:</i>							
Hard coal		1	1	6	28	79	63
Lignite and peat		44	45	34	54	10	10
Petroleum products		16	15	16	31	13	48
Natural gas		500	496	502	483	472	392
Renewables		10	13	10	10	13	11
Heat production and consumption							
Total heat production	1 000 toe	1 701	1 474	1 523	1 494	1 508	1 467
<i>among which: in heating plants</i>							
		477	461	470	518	513	488
Heat consumption		1 517	1 297	1 362	1 223	1 297	1 240
<i>of which: in industry</i>							
		476	451	353	352	376	380
<i>in households and services</i>							
		1 041	846	1 008	870	921	861
<i>among which: in households</i>							
		748	607	709	673	703	664

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 540	1 582	1 598	1 560	1 412	1 345
Total imports	5 634	5 110	5 413	5 651	6 630	7 112
Total exports	-	11	13	152	362	828
Stock changes	212	21	-4	-152	-44	106
Refinery intake	7 551	7 336	7 524	7 516	8 489	8 656
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	35
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	5 622	4 942	5 273	5 425	6 453	6 791
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	7 450	7 164	7 398	7 416	8 380	8 599
<i>among which:</i>						
Motor spirit	1 403	1 573	1 477	1 465	1 317	1 343
Kerosene and jet fuel	179	184	202	239	266	280
Naphtha	760	742	835	842	1 155	1 175
Gas/diesel oil	2 547	3 096	3 142	2 989	3 515	3 498
Residual fuel oil	1 291	358	367	313	218	232
Total imports	1 372	2 135	1 785	2 049	2 384	2 263
Total exports	2 249	2 528	2 526	2 681	2 898	2 557
Bunkers	-	-	-	-	-	-
Stock changes	103	121	-92	6	-68	79
Gross inland consumption	-774	-272	-82	-459	-219	-129
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	-	3	-	5	13
United Kingdom	-	-	-	-	-	-
Norway	-	1	-	-	-	-
OPEC	-	-	-	-	-	2
Imports by product						
<i>among which:</i>						
Motor spirit	244	292	288	372	515	426
Kerosene and jet fuel	50	59	-	-	-	-
Gas/diesel oil	530	992	881	1 173	1 341	1 319
Residual fuel oil	158	503	404	205	123	94
Exports by product						
<i>among which:</i>						
Motor spirit	504	496	343	342	340	253
Kerosene and jet fuel	11	47	5	22	120	10
Gas/diesel oil	957	1 293	1 373	1 298	1 377	1 257
Residual fuel oil	242	54	83	109	56	60
Consumption						
Inputs to electricity plants	1 084	604	478	213	128	129
Inputs to heating plants	16	16	17	28	13	50
Non-energy use	1 018	1 209	1 067	1 495	1 937	2 024
Final energy consumption	4 021	4 294	4 334	4 365	4 685	4 967
Industry	198	337	315	234	295	231
<i>among which by product:</i>						
Gas/diesel oil	43	120	31	26	37	35
Residual fuel oil	143	149	160	169	67	44

<i>in 1 000 t</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	1	-	-	3	-	-
Non-ferrous metals	2	-	2	-	2	2
Chemical industry	-	37	56	38	64	26
Non-met. mineral prod.	72	101	191	104	158	143
Food, drink, tobacco	68	55	22	57	25	13
Pulp, paper and print	11	10	7	9	9	7
Engineering & metal	6	5	10	3	3	6
Other industries	14	7	14	13	22	24
Transport	3 211	3 393	3 538	3 665	3 966	4 429
<i>among which:</i>						
Motor spirit	1 393	1 427	1 426	1 448	1 477	1 539
Jet fuel	212	200	196	212	224	263
Diesel oil	1 604	1 764	1 877	1 973	2 236	2 597
Services & households etc.	612	564	481	466	424	307
<i>among which:</i>						
Gas oil	287	290	269	265	221	108
Residual fuel oil	55	34	17	12	6	5
Stocks at end of period						
Crude oil and feedstocks	1 333	1 263	799	947	992	886
Petroleum products	2 269	2 145	1 471	1 425	1 548	1 477

5. Natural gas

<i>in TJ (GCV)</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	115 224	109 582	106 329	110 100	108 422	110 815
Total imports	362 207	404 952	462 396	431 618	456 244	443 423
Total exports	134	-	-	-	-	5 347
Stock changes	20 962	-11 627	-15 786	3 135	-2 056	-15 922
Gross inland consumption	498 259	502 907	552 939	544 853	562 610	532 969
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	319 474	362 278	419 493	347 748	335 020	351 905
Consumption						
Inputs to electricity plants	108 115	120 217	142 000	132 233	139 181	147 320
Inputs to heat plants	23 250	23 092	23 372	22 461	21 937	18 240
Consumption of energy branch	9 659	8 132	8 005	7 084	13 535	9 600
Distribution losses	15 719	13 326	15 561	16 058	11 274	12 790
Non-energy use	15 408	9 680	10 188	14 949	16 728	15 769
Industry	72 574	73 117	68 291	60 530	61 393	58 628
<i>among which:</i>						
Iron&steel industry	6 650	7 083	6 085	5 833	6 416	3 532
Non-ferrous metals	5 412	5 450	5 106	5 240	4 636	4 721
Chemical industry	12 013	11 387	10 047	8 213	9 174	8 820
Non-met. mineral prod.	17 459	16 851	15 292	12 748	12 109	11 408
Food, drink, tobacco	16 321	16 986	15 698	13 853	12 106	13 164
Pulp, paper and print	3 186	3 502	3 720	3 086	2 786	3 451
Engineering & metal	7 663	7 947	8 568	8 488	10 103	9 867
Other industries	2 498	2 429	2 305	1 851	2 898	2 877
Transport	86	89	93	91	124	130
Services & households etc.	253 399	251 861	280 939	287 742	298 380	269 947
<i>among which:</i>						
Households	153 681	158 788	183 608	166 001	182 742	169 518
Services	89 600	82 854	87 940	111 805	105 411	91 411

6.1 Hard coal

<i>in 1 000 t</i>	MAGYARORSZÁG					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	1 220	1 114	1 499	1 916	2 153	2 433
Total exports	-	1	1	6	2	6
Stock changes	89	28	39	-	-74	142
Gross inland consumption	1 309	1 141	1 537	1 910	2 077	2 569
Imports						
Imports by origin						
<i>among which:</i>						
Australia	35	-	32	88	115	32
Colombia	-	-	-	-	-	-
Russia	118	112	369	838	866	770
South Africa	-	-	-	-	-	-
USA	-	29	7	3	52	105
Consumption						
Inputs to electricity plants	30	49	188	296	493	499
Inputs to heat plants	1	1	11	54	165	131
Consumption of energy branch	-	-	-	-	-	-
Industry	144	116	65	121	192	211
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	141	112	65	121	189	208
Food, drink, tobacco	-	-	-	-	2	3
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	192	387	407	353	371	398

6.2 Coal derivatives and peat

		MAGYARORSZÁG					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		682	432	593	664	614	921
Patent Fuel		-	-	-	-	-	-
Lignite and peat		13 914	13 027	13 301	11 242	9 570	9 952
Brown coal briquettes		90	4	29	35	30	24
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		4 405	2 848	4 416	4 337	4 563	8 200
Blast-furnace gas		6 749	7 242	6 502	7 705	7 784	7 748
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		486	498	514	587	474	461
<i>among which:</i>							
Iron & steel industry		455	464	482	549	448	440
Services & households		11	9	8	8	1	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		544	244	235	136	103	124
<i>among which:</i>							
Industry		40	29	37	28	3	4
Services & households		490	215	190	108	100	120
Brown coal briquettes		80	61	63	40	41	37
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		73	55	57	35	36	37
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		1 242	538	1 412	1 805	1 758	3 122
Blast-furnace gas		2 655	3 020	2 378	2 999	3 270	3 232
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		4 523	4 585	3 467	4 231	3 701	3 651
Inputs to heat plants		-	-	1 455	1 217	1 789	2 207
Consumption of energy branch		2 734	1 947	2 206	1 790	1 829	3 736
Consumption in industry		3 897	3 558	3 790	4 804	5 028	6 354

7. Renewable energy sources

		MAGYARORSZAG					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	491	889	921	966	1 185	1 282
Hydro (excl. pumping)		16	17	15	18	17	16
Wind		0	0	0	1	1	4
Solar		1	2	2	2	2	2
Geothermal		86	86	86	86	87	86
Biomass		387	784	818	860	1 078	1 174
	<i>among which:</i>						
Wood, wood-waste		323	734	777	821	1 000	1 058
Municipal solid waste		62	48	36	33	66	94
Biogas		2	2	5	6	7	12
Gross inland consumption		491	889	921	966	1 185	1 272
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		7	7	7	6	6	5
Biomass		68	56	76	238	538	457
	<i>among which:</i>						
Wood, wood-waste		4	6	37	201	469	359
Municipal waste		62	48	36	33	66	94
Biogas		2	2	3	4	3	5
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	400	809	823	702	618	785
	<i>by sector:</i>						
Industry		-	18	51	58	76	167
Services & households etc.		400	791	772	644	537	607
Transport		-	-	-	-	5	11
	<i>by source:</i>						
Biomass		319	728	742	620	536	702
	<i>among which:</i>						
Wood, wood-waste		319	728	740	619	531	688
Municipal waste		-	-	-	-	-	-
Biogas		-	-	2	1	-	3
Geothermal		79	79	79	80	80	81
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		6	6	5	12	13	16
Hydro with installed capacity > 1 & <10 MW		27	22	19	31	36	31
Hydro with installed capacity > 10 MW		153	166	147	162	153	139
Wood, Wood-waste		7	6	109	678	1 574	1 134
Municipal waste		112	59	67	52	118	187
Biogas		7	6	18	22	25	37

		MAGYARORSZÁG					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		1	1	1	3	5	3
Hydro with installed capacity > 1 & <10 MW		8	8	8	9	7	9
Hydro with installed capacity > 10 MW		39	39	45	39	37	37
Wood, Wood-waste		5	44	40	189	390	328
Municipal waste		24	25	25	25	24	29
Biogas		1	2	4	4	6	8
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	8	17
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	45	45p

1. Energy economy

Key figures and energy indicators

		MALTA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	-	-	-	-	-	-
Net energy imports		749	901	901	922	958	897
Net oil imports		749	901	901	922	958	897
Net gas imports		-	-	-	-	-	-
Gross inland energy consumption		727	879	879	899	958	897
Final energy consumption		374	454	468	469	526	478
Industry		42	44	48	47	46	46
Transport		199	271	272	267	329	294
Services and households etc.		134	139	149	154	151	138
Gross electricity generation	GWh	1 987	2 052	2 236	2 216	2 240	2 296
Final electricity consumption		1 569	1 657	1 817	1 798	1 720	1 852
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	3 413	3 503	3 492	3 500	3 618	3 742
Population	1000 per.	391	395	397	400	403	405
Industry added value	Mio EUR	:	:	:	:	:	:
Total imports (current prices)	Mio EUR	2 816	2 802	2 967	3 077	3 132	3 393
among which:							
All energy commodities		:	:	:	103	217	257
Oil products		:	:	:	100	208	247
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	213.1	250.9	251.7	256.9	264.8	239.8
Final energy consumption / GDP(95)		109.7	129.5	134.1	133.9	145.4	127.6
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.	1 858	2 227	2 212	2 249	2 379	2 215
Final energy consumption / capita		956	1 149	1 179	1 172	1 306	1 179
Household consumption / capita		193	198	209	221	220	199
Final electricity consumption / capita	kWh/cap.	4 009	4 199	4 573	4 496	4 271	4 573
Energy dependency							
Net energy imports / Gross consumption	in %	100.0	100.0	100.0	100.0	100.0	100.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	51.5	51.6	53.3	52.1	54.9	53.2
Efficiency of thermal power stations		34.2	31.1	33.9	32.6	33.2	34.1

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	MALTA					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	-	-	-	-	-	-
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	-	-	-	-	-	-
Biomass	-	-	-	-	-	-
Imports						
Total	749	901	901	922	958	897
<i>among which:</i> Hard coal	-	-	-	-	-	-
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	749	901	901	922	958	897
Natural Gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Exports						
Total	-	-	-	-	-	-
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Gross inland consumption						
Total	727	879	879	899	958	897
<i>among which:</i> Solid fuels	-	-	-	-	-	-
Crude oil and petrol. prod.	727	879	879	899	958	897
Natural gas	-	-	-	-	-	-
Nuclear Energy	-	-	-	-	-	-
Renewables	-	-	-	-	-	-
Transformation input						
Total	488	568	567	585	580	579
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	488	568	567	585	580	579
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	-	-	-	-	-	-
Transformation output						
Total	167	176	192	191	193	197
<i>among which:</i> Electricity	167	176	192	191	193	197
Heat	-	-	-	-	-	-

<i>in 1 000 toe</i>		MALTA					
		2001	2002	2003	2004	2005	2006
Final energy consumption							
Total		374	454	468	469	526	478
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Petroleum products	239	311	312	314	378	318
	Natural Gas	-	-	-	-	-	-
	Renewables	-	-	-	-	-	-
	Electricity	135	142	156	155	148	159
Final energy consumption by sector							
Industry							
Total		42	44	48	47	46	46
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Petroleum Products	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Renewables	-	-	-	-	-	-
	Electricity	42	44	48	47	46	46
Transport							
Total		199	271	272	267	329	294
<i>among which:</i>	Motor spirit	64	74	74	61	71	80
	Diesel oil	76	118	119	106	167	137
	Jet fuel	59	79	79	101	90	77
	Electricity	-	-	-	-	-	-
Services&households							
Total		134	139	149	154	151	138
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Gas oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Renewables	-	-	-	-	-	-
	Electricity	93	99	108	107	102	114
	Heat	-	-	-	-	-	-

3.1 Electricity balance

<i>in GWh</i>	MALTA					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	1 987	2 052	2 236	2 216	2 240	2 296
<i>among which:</i>						
Hydro	-	-	-	-	-	-
Wind	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	1 987	2 052	2 236	2 216	2 240	2 296
<i>of which:</i>						
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Petroleum products	1 987	2 052	2 236	2 216	2 240	2 296
Natural gas	-	-	-	-	-	-
Derived gases	-	-	-	-	-	-
Biomass	-	-	-	-	-	-
Industrial wastes	-	-	-	-	-	-
Total net generation	1 867	1 927	2 111	2 087	2 214	2 129
Imports and exports						
Total imports	-	-	-	-	-	-
Total exports	-	-	-	-	-	-
Consumption and losses						
Consumption of the energy branch	118	125	125	127	100	167
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	256	270	294	291	296p	276
Final energy consumption	1 569	1 657	1 817	1 798	1 720	1 852
<i>of which:</i>						
Industry	483	510	556	550	534	530
<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	483	510	556	550	534	530
Transport	-	-	-	-	-	-
Services & households etc.	1 086	1 147	1 261	1 248	1 186	1 322
<i>among which:</i>						
Households	540	570	627	621	623	658

3.2 Electrical capacity, fuel inputs and heat

		MALTA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	515	515	571	571	571	571
by source:							
Conventional thermal		515	515	571	571	571	571
<i>of which:</i>							
Steam		300	300	350	350	350	350
Gas turbine		105	105	111	111	111	111
Combined cycle		110	110	110	110	110	110
Internal combustion		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Hydro		-	-	-	-	-	-
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		515	515	571	571	571	571
Autoproducers		-	-	-	-	-	-
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	488	568	567	585	580	579
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		488	568	567	585	580	579
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	1 000 toe	-	-	-	-	-	-
<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>							
in households		-	-	-	-	-	-

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	MALTA					
	2001	2002	2003	2004	2005	2006
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

<i>in 1 000 t</i>	MALTA					
	2001	2002	2003	2004	2005	2006
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	763	915	915	938	975	913
Total exports	-	-	-	-	-	-
Bunkers	23	23	23	24	:	:
Stock changes	-	-	-	-	-	-
Gross inland consumption	740	892	892	914	975	913
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	70	70	58	68	76
Kerosene and jet fuel	67	87	87	114	103	77
Gas/diesel oil	117	181	181	160	164	148
Residual fuel oil	489	548	548	577	607	592
Exports by product						
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	508	590	589	609	607	605
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	-	-	-	-	-	-
Final energy consumption	232	302	303	305	368	308
Industry						
<i>among which by product:</i>						
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-

<i>in 1 000 t</i>	MALTA					
	2001	2002	2003	2004	2005	2006
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	193	263	264	260	320	286
<i>among which:</i>						
Motor spirit	61	70	70	58	68	76
Jet fuel	57	77	77	98	88	75
Diesel oil	75	116	117	104	164	135
Services & households etc.	39	39	39	45	48	22
<i>among which:</i>						
Gas oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-

5. Natural gas

<i>in TJ (GCV)</i>	MALTA					
	2001	2002	2003	2004	2005	2006
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

<i>in 1 000 t</i>	MALTA					
	2001	2002	2003	2004	2005	2006
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 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					
		2001	2002	2003	2004	2005	2006
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

		MALTA					
		2001	2002	2003	2004	2005	2006
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>	-	-	-	-	-	-
<i>by sector:</i>							
Industry		-	-	-	-	-	-
Services & households etc.		-	-	-	-	-	-
Transport		-	-	-	-	-	-
<i>by source:</i>							
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		-	-	-	-	-	-

	MALTA					
	2001	2002	2003	2004	2005	2006
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

		NEDERLAND					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	60 945	60 415	58 443	67 664	61 899	60 763
Net energy imports		32 644	32 545	36 691	31 404	38 390	37 227
Net oil imports		42 812	41 236	42 139	45 462	48 868	47 883
Net gas imports		-20 172	-18 450	-16 204	-24 860	-20 941	-21 131
Gross inland energy consumption		79 105p	79 709p	81 900	83 755	82 479	80 548
Final energy consumption		50 909	50 735	51 598	52 518	51 639	50 835
Industry		13 725	13 702	14 263	14 805	14 929	13 434
Transport		14 275	14 621	14 717	15 084	15 114	15 620
Services and households etc.		22 909	22 412	22 618	22 629	21 596	21 781
Gross electricity generation	GWh	93 747	95 965	96 775	100 769	100 219	98 392
Final electricity consumption		99 428	99 736	100 520	103 118	104 541	106 029
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	398 327	398 631	399 969	408 914	415 090	427 564
Population	1000 per.	15 987	16 105	16 193	16 258	16 306	16 334
Industry added value	Mio EUR	90 508	90 565	88 567	91 101	90 750	92 349
Total imports (current prices)	Mio EUR	277 527	278 244	283 335	299 479	315 890	341 502
among which:							
All energy commodities		22 138	24 137	25 101	28 528	44 328	57 119
Oil products		17 387	19 645	20 300	24 434	37 767	47 056
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	198.6	200.0	204.8	204.8	198.7	188.4
Final energy consumption / GDP(95)		127.8	127.3	129.0	128.4	124.4	118.9
Energy intensity of industry:							
Final consumption / gross value-added mp		151.6	151.3	161.0	162.5	164.5	145.5
Energy intensity of service sector:							
Final consumption / gross value-added mp		31.4	31.2	32.0	31.2	27.4	27.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	4 948	4 949	5 058	5 152	5 058	4 931
Final energy consumption / capita		3 184	3 150	3 187	3 230	3 167	3 112
Household consumption / capita		666	637	649	642	620	613
Final electricity consumption / capita	kWh/cap.	6 219	6 193	6 208	6 343	6 411	6 491
Energy dependency							
Net energy imports / Gross consumption	in %	34.8	34.6	38.5	31.9	38.7	38.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	64.4	63.6	63.0	62.7	62.6	63.1
Efficiency of thermal power stations		53.7	53.4	53.7	55.1	60.1	57.9

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>		NEDERLAND					
		2001	2002	2003	2004	2005	2006
Primary production							
Total		60 945	60 415	58 443	67 664	61 899	60 763
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Crude oil	2 336	3 173	3 179	2 988	2 346	2 084
	Natural Gas	55 713	54 275	52 212	61 585	56 265	55 395
	Nuclear heat	1 026	1 010	1 036	986	1 031	895
	Hydro-electricity	10	9	6	8	8	9
	Biomass	1 778	1 857	1 876	1 917	2 050	2 123
Imports							
Total		146 341	143 659	144 499	149 222	158 377	168 706
<i>among which:</i>	Hard coal	18 575	13 381	13 588	14 785	12 673	14 320
	Crude oil and feedstocks	62 759	57 007	59 232	62 402	63 818	61 025
	Petroleum products	47 263	51 657	51 024	56 066	62 447	71 895
	Natural Gas	15 323	19 175	18 256	13 502	16 440	18 042
	Electricity	1 848	1 794	1 789	1 840	2 037	2 351
Exports							
Total		113 697	111 114	107 808	117 818	119 987	131 479
<i>among which:</i>	Crude oil and feedstocks	366	922	1 387	1 247	1 175	692
	Petroleum products	66 843	66 507	66 730	71 760	76 222	84 345
	Natural gas	35 495	37 624	34 460	38 362	37 381	39 173
	Electricity	362	386	328	446	464	506
Gross inland consumption							
Total		79 105p	79 709p	81 900	83 755	82 479	80 548
<i>among which:</i>	Solid fuels	8 416	8 470	8 820	9 261	8 190	7 924
	Crude oil and petrol. prod.	30 516	30 694	32 498	32 997	33 527	32 674
	Natural gas	35 547	35 842	35 998	36 745	35 324	34 300
	Nuclear Energy	1 026	1 010	1 036	986	1 031	895
	Renewables	1 904	2 075	2 085	2 372	2 834	2 909
Transformation input							
Total		108 496p	105 898p	109 666	111 479	111 946	107 101
<i>among which:</i>	Crude oil and feedstocks	84 898	82 009	85 713	86 978	87 803	84 002
	Petroleum products	704	623	644	641	691	578
	Hard coal	7 491	7 458	7 597	7 472	7 120	7 117
	Lignite and peat	-	-	-	-	-	-
	Renewables	1 443	1 607	1 579	1 795	2 224	2 191
Transformation output							
Total		97 342	94 665	98 381	100 304	102 574	97 378
<i>among which:</i>	Electricity	7 979	8 163	8 198	8 493	8 432	8 216
	Heat	2 967	2 901	2 746	3 008	4 081	3 382

		NEDERLAND					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		50 909	50 735	51 598	52 518	51 639	50 835
<i>among which:</i>	Solid fuels	1 344	1 368	1 327	1 550	1 515	1 236
	Petroleum products	16 561	16 952	17 220	17 487	17 406	17 346
	Natural Gas	21 116	20 552	21 226	21 149	19 844	19 722
	Renewables	379	379	383	406	413	486
	Electricity	8 549	8 576	8 643	8 867	8 989	9 117
Final energy consumption by sector							
Industry							
Total		13 725	13 702	14 263	14 805	14 929	13 434
<i>among which:</i>	Solid fuels	1 312	1 335	1 296	1 517	1 482	1 207
	Petroleum Products	1 611	1 633	1 774	1 684	1 487	987
	Natural Gas	5 358	5 370	5 905	5 993	5 751	5 534
	Renewables	85	89	96	117	113	133
	Electricity	3 494	3 531	3 500	3 556	3 576	3 573
Transport							
Total		14 275	14 621	14 717	15 084	15 114	15 620
<i>among which:</i>	Motor spirit	4 334	4 387	4 402	4 373	4 309	4 383
	Diesel oil	5 984	6 170	6 368	6 594	6 604	6 950
	Jet fuel	3 250	3 393	3 334	3 560	3 670	3 700
	Electricity	136	134	136	142	138	138
Services&households							
Total		22 909	22 412	22 618	22 629	21 596	21 781
<i>among which:</i>	Solid fuels	31	33	30	33	33	29
	Gas oil	619	650	722	687	801	793
	Natural Gas	15 758	15 182	15 321	15 156	14 093	14 187
	Renewables	294	290	287	289	301	307
	Electricity	4 920	4 911	5 007	5 168	5 275	5 405
	Heat	1 096	1 163	1 107	1 121	951	928

3.1 Electricity balance

	NEDERLAND						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		93 747	95 965	96 775	100 769	100 219	98 392
<i>among which:</i>							
Hydro		117	108	72	95	88	106
Wind		825	910	1 330	1 867	2 067	2 733
Geothermal		-	-	-	-	-	-
Nuclear		3 976	3 915	4 018	3 822	3 997	3 469
Conventional thermal		88 815	91 015	91 324	94 952	94 033	92 049
<i>of which:</i>							
Hard coal		23 720	23 936	24 339	23 495	23 500	23 737
Lignite and peat		-	-	-	-	-	-
Petroleum products		3 112	2 819	2 858	2 824	2 262	2 095
Natural gas		55 263	57 028	56 876	61 013	57 856	56 664
Derived gases		3 021	2 920	3 132	2 741	3 426	2 769
Biomass		3 458	3 002	3 898	4 676	6 729	6 638
Industrial wastes		241	1 310	221	203	260	146
Total net generation		89 874	91 864	92 824	96 566	96 137	94 392
Imports and exports							
Total imports		21 492	20 870	20 801	21 405	23 691	27 346
Total exports		4 209	4 488	3 809	5 188	5 398	5 887
Consumption and losses							
Consumption of the energy branch		7 402	8 383	8 965	9 546	9 532	9 324
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		4 200	4 228	4 282	4 323	4 473	4 533
Final energy consumption		99 428	99 736	100 520	103 118	104 541	106 029
<i>of which:</i>							
Industry		40 637	41 066	40 701	41 362	41 585	41 558
<i>among which:</i>							
Iron&steel industry		2 626	2 573	2 654	2 708	2 723	2 685
Non-ferrous metals		5 802	5 769	5 828	6 328	6 332	5 718
Chemical industry		11 567	11 893	11 922	12 143	12 346	12 624
Non-met. mineral prod.		1 619	1 544	1 475	1 434	1 438	1 446
Food, drink, tobacco		6 819	6 680	6 592	6 537	6 599	6 893
Pulp, paper and print		3 623	3 752	3 694	3 682	3 663	3 686
Engineering & metal		4 625	4 792	3 904	4 017	4 000	3 945
Other industries		2 907	2 970	3 514	3 473	3 468	3 569
Transport		1 577	1 556	1 585	1 648	1 608	1 608
Services & households etc.		57 214	57 114	58 234	60 108	61 348	62 863
<i>among which:</i>							
Households		22 100	22 800	23 300	23 500	24 232	24 833

3.2 Electrical capacity, fuel inputs and heat

		NEDERLAND					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	20 311	20 800	20 791	21 712	21 677	22 853
<i>by source:</i>							
Conventional thermal		19 344	19 635	19 421	20 153	19 967	20 748
<i>of which:</i>							
Steam		9 421	10 374	10 216	9 712	9 759	9 469
Gas turbine		1 298	1 070	1 138	1 195	1 193	1 287
Combined cycle		7 229	6 496	6 534	7 637	7 339	7 597
Internal combustion		1 396	1 695	1 533	1 591	1 676	2 395
Nuclear		449	449	449	449	449	510
Hydro		38	38	37	37	37	37
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		480	678	884	1 073	1 224	1 558
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		17 881	18 277	18 152	18 595	18 804	19 159
Autoproducers		2 451	2 609	2 752	3 239	2 996	3 821
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	19 437p	19 790p	19 722	20 284	19 614	18 920
<i>among which:</i>							
Hard coal		5 368	5 417	5 507	5 316	4 958	5 030
Lignite and peat		-	-	-	-	-	-
Petroleum products		704	623	644	641	691	578
Natural gas		11 164	11 441	11 455	12 094	11 277	10 772
Renewables		1 316	1 445	1 415	1 613	2 052	2 021
Heating plants		128	161	164	182	436	395
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	264	225
Renewables		128	161	164	182	172	170
Heat production and consumption							
Total heat production	1 000 toe	2 967	2 901	2 746	3 008	4 081	3 382
<i>among which: in heating plants</i>							
		165	168	-	-	376	341
Heat consumption		2 530	2 466	2 334	2 556	2 981	2 425
<i>of which: in industry</i>							
		1 434	1 303	1 227	1 435	2 030	1 497
<i>in households and services</i>							
		1 096	1 163	1 107	1 121	951	928
<i>among which: in households</i>							
		164	158	174	200	171	164

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	NEDERLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	2 263	3 074	3 076	2 891	2 269	2 022
Total imports	60 810	55 236	57 312	60 382	61 730	59 210
Total exports	355	893	1 342	1 207	1 137	671
Stock changes	-584	98	898	-5	-240	472
Refinery intake	82 598	79 828	83 351	84 561	85 341	81 817
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	28 982	21 468	21 920	23 968	26 777	25 228
Near and Middle East	22 670	18 500	18 474	16 730	16 060	13 923
Africa	6 851	4 781	4 281	2 974	6 607	6 115
<i>by country of origin:</i>						
Algeria	4 666	3 886	2 417	2 684	3 038	2 416
Irak	4 718	3 384	1 305	1 139	764	1 870
Iran	1 157	1 509	2 311	2 517	2 253	2 342
Kazakhstan	-	404	1 136	768	511	417
Kuwait	6 031	4 468	4 002	4 527	4 865	4 948
Libya	25	76	-	-	506	1 506
Mexico	-	85	-	-	-	47
Nigeria	1 387	346	1 293	94	1 635	1 808
Norway	10 782	8 035	8 428	9 312	6 868	4 789
Russia	7 146	8 413	11 665	16 324	16 933	18 690
Saudi Arabia	10 539	7 567	10 592	12 993	12 709	9 304
Syria	225	1 388	264	67	334	407
United Arab Emirates	-	-	-	14	-	-

4.2 Petroleum products

	NEDERLAND						
	<i>in 1 000 t</i>	2001	2002	2003	2004	2005	2006
Production and supply							
Total refinery output		81 306	78 714	82 275	83 486	84 676	80 839
<i>among which:</i>							
Motor spirit		14 476	15 810	15 787	15 597	14 286	13 831
Kerosene and jet fuel		7 068	6 658	7 167	7 314	7 459	7 282
Naphtha		12 116	8 655	10 222	11 084	13 906	11 643
Gas/diesel oil		22 167	19 583	20 787	20 233	21 122	19 685
Residual fuel oil		10 780	12 704	12 333	13 073	12 394	12 151
Total imports		46 864	51 208	50 428	55 523	62 170	71 543
Total exports		65 714	65 432	65 562	70 587	75 138	83 139
Bunkers		15 140	14 958	13 965	15 159	17 442	18 053
Stock changes		602	540	-286	-826	-658	-415
Gross inland consumption		-33 388	-28 592	-29 385	-31 048	-31 068	-30 064
Imports and exports							
Imports by origin							
<i>among which:</i>							
Netherlands		-	-	-	-	-	-
United Kingdom		4 527	5 011	4 733	5 233	5 450	6 654
Norway		539	1 329	1 240	1 335	1 612	2 063
OPEC		1 794	2 227	2 027	2 207	2 584	2 820
Imports by product							
<i>among which:</i>							
Motor spirit		6 176	7 270	7 821	7 906	9 177	10 513
Kerosene and jet fuel		1 565	1 196	1 082	1 759	2 412	3 063
Gas/diesel oil		9 239	12 508	9 342	10 013	9 650	13 642
Residual fuel oil		14 695	15 565	14 086	15 453	22 395	23 914
Exports by product							
<i>among which:</i>							
Motor spirit		11 451	12 327	13 851	14 801	16 292	17 338
Kerosene and jet fuel		4 175	3 424	3 783	4 561	5 380	5 777
Gas/diesel oil		22 097	21 626	20 552	20 177	21 061	24 299
Residual fuel oil		10 894	12 115	11 344	13 230	17 069	17 733
Consumption							
Inputs to electricity plants		647	574	598	588	634	518
Inputs to heating plants		-	-	-	-	-	-
Non-energy use		7 590	7 648	8 883	9 006	10 032	9 034
Final energy consumption		15 893	16 255	16 518	16 794	16 731	16 742
Industry		1 412	1 415	1 547	1 468	1 286	870
<i>among which by product:</i>							
Gas/diesel oil		168	164	175	181	168	160
Residual fuel oil		44	6	21	19	18	22

<i>in 1 000 t</i>	NEDERLAND					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	4	3	4	4	4	3
Non-ferrous metals	-	-	-	0	-	-
Chemical industry	1 207	1 191	1 257	1 188	1 088	644
Non-met. mineral prod.	30	8	17	17	18	26
Food, drink, tobacco	20	7	10	8	16	12
Pulp, paper and print	2	1	1	1	-	-
Engineering & metal	21	65	104	91	17	11
Other industries	121	114	121	118	122	160
Transport	13 690	14 031	14 127	14 486	14 522	14 969
<i>among which:</i>						
Motor spirit	4 124	4 174	4 189	4 161	4 100	4 171
Jet fuel	3 164	3 304	3 246	3 466	3 573	3 603
Diesel oil	5 881	6 064	6 259	6 480	6 491	6 831
Services & households etc.	791	809	844	840	923	903
<i>among which:</i>						
Gas oil	608	639	710	675	787	779
Residual fuel oil	27	-	-	20	22	3
Stocks at end of period						
Crude oil and feedstocks	5 640	5 542	4 644	4 648	4 888	4 416
Petroleum products	7 552	7 012	7 298	8 124	8 783	9 197

5. Natural gas

<i>in TJ (GCV)</i>	NEDERLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	2 591 786	2 524 867	2 428 905	2 864 924	2 617 469	2 576 954
Total imports	712 810	892 010	849 263	628 124	764 779	839 298
Total exports	1 651 219	1 750 281	1 603 074	1 784 604	1 738 959	1 822 321
Stock changes	276	774	-447	925	-24	-202
Gross inland consumption	1 653 653	1 667 370	1 674 647	1 709 369	1 643 265	1 595 640
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	258 626	335 294	282 365	230 012	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	519 356	532 244	532 865	562 601	524 595	501 121
Inputs to heat plants	-	-	-	-	12 269	10 461
Consumption of energy branch	64 319	72 841	55 463	62 604	68 955	67 170
Distribution losses	-	-	-	-	-	-
Non-energy use	102 872	106 249	98 882	100 295	114 293	99 443
Industry	249 231	249 828	274 699	278 800	267 541	257 434
<i>among which:</i>						
Iron&steel industry	14 833	14 662	13 401	12 448	13 616	12 743
Non-ferrous metals	3 878	4 136	3 885	4 578	4 492	4 209
Chemical industry	89 304	88 810	99 038	101 332	95 312	90 335
Non-met. mineral prod.	28 066	24 901	25 133	25 862	25 817	25 356
Food, drink, tobacco	53 732	56 739	66 907	68 560	65 516	63 982
Pulp, paper and print	15 828	16 936	20 937	22 912	21 846	21 767
Engineering & metal	24 560	24 067	18 795	18 473	18 244	16 636
Other industries	10 541	10 331	15 547	14 103	13 729	13 523
Transport	-	-	-	-	-	34
Services & households etc.	733 066	706 268	712 738	705 069	655 612	659 977
<i>among which:</i>						
Households	385 112	364 010	372 802	367 526	349 942	342 907
Services	200 801	195 675	213 078	205 526	166 171	194 682

6.1 Hard coal

<i>in 1 000 t</i>	NEDERLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	30 336	21 677	21 620	22 603	20 415	22 844
Total exports	16 745	8 568	7 295	9 292	7 374	9 858
Stock changes	-131	305	-658	240	-32	-338
Gross inland consumption	13 460	13 414	13 667	13 551	13 009	12 648
Imports						
Imports by origin						
<i>among which:</i>						
Australia	2 486	2 833	2 561	1 400	1 517	1 827
Colombia	5 810	3 026	4 362	4 515	5 703	5 923
Russia	953	590	288	1 269	1 609	1 803
South Africa	10 466	7 396	8 094	8 316	6 084	6 430
USA	2 580	2 350	1 181	1 823	1 654	1 437
Consumption						
Inputs to electricity plants	9 156	9 110	9 212	8 876	8 267	8 229
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	1 212	1 247	1 334	1 473	1 527	1 324
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	13	1	1	1	1	1
Food, drink, tobacco	36	39	28	17	20	18
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	35	32	33	33	32	25

6.2 Coal derivatives and peat

		NEDERLAND					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		2 214	2 127	2 154	2 216	2 250	2 174
Patent Fuel		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		19 268	17 983	19 054	19 379	19 141	18 515
Blast-furnace gas		37 015	37 146	39 385	37 457	37 714	33 563
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		638	652	659	680	598	553
<i>among which:</i>							
Iron & steel industry		571	583	618	639	565	513
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	2
<i>among which:</i>							
Services & households		-	-	-	-	-	2
Lignite and peat		61	57	44	44	50	35
<i>among which:</i>							
Industry		39	34	23	23	28	14
Services & households		22	23	21	21	22	21
Brown coal briquettes		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		7 260	7 156	7 642	9 784	9 080	9 488
Blast-furnace gas		11 488	12 026	12 603	12 235	12 386	12 536
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		28 579	27 639	29 649	26 162	26 809	21 846
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		8 956	8 308	8 545	8 655	8 580	8 208
Consumption in industry		18 748	19 182	20 245	22 019	21 466	22 024

7. Renewable energy sources

		NEDERLAND					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	1 870	1 958	2 016	2 106	2 257	2 389
Hydro (excl. pumping)		10	9	6	8	8	9
Wind		71	78	114	161	178	235
Solar		11	13	19	20	22	22
Geothermal		-	-	-	-	-	-
Biomass		1 778	1 857	1 876	1 917	2 050	2 123
<i>among which:</i>							
Wood, wood-waste		478	492	474	464	520	560
Municipal solid waste		1 173	1 232	1 273	1 325	1 355	1 324
Biogas		128	133	129	126	122	141
Gross inland consumption		1 904	2 075	2 085	2 372	2 834	2 909
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		-	-	-	-	-	-
Biomass		1 443	1 607	1 579	1 795	2 224	2 191
<i>among which:</i>							
Wood, wood-waste		213	292	242	326	483	423
Municipal waste		1 173	1 232	1 273	1 325	1 355	1 324
Biogas		58	65	63	58	58	75
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	379	379	383	406	413	486
<i>by sector:</i>							
Industry		85	89	96	117	113	133
Services & households etc.		294	290	287	289	301	307
Transport		-	-	-	-	-	46
<i>by source:</i>							
Biomass		369	367	367	388	394	466
<i>among which:</i>							
Wood, wood-waste		299	300	301	320	330	354
Municipal waste		-	-	-	-	-	-
Biogas		70	67	66	68	64	66
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		14	17	31	33	34	35
Hydro with installed capacity < 1 MW		-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		117	108	72	95	88	106
Wood, Wood-waste		670	1 323	1 010	1 836	2 247	1 840
Municipal waste		2 487	2 521	2 606	2 550	2 738	2 777
Biogas		301	304	313	290	294	361

		NEDERLAND					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		21	26	46	49	51	52
Hydro with installed capacity < 1 MW		-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		37	37	37	37	37	37
Wood, Wood-waste		129	232	160	439	343	299
Municipal waste		394	394	400	400	429	429
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	2	60	110
Solar Panels							
Solar panel surface	<i>1000 m²</i>	358	406	524	582	620	646

1. Energy economy

Key figures and energy indicators

		ÖSTERREICH					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	9 648	9 682	9 485	9 682	9 337	9 587
Net energy imports		19 973	21 173	23 097	23 481	24 658	24 864
Net oil imports		11 693	12 538	13 272	13 489	13 322	13 739
Net gas imports		4 986	5 099	5 948	5 853	7 203	6 541
Gross inland energy consumption		30 858	31 103	32 904	33 201	34 105	34 088
Final energy consumption		24 525	24 995	26 300	26 241	27 107	26 753
Industry		7 941	8 087	8 159	8 345	8 601	8 746
Transport		6 401	6 994	7 486	7 746	8 034	7 659
Services and households etc.		10 183	9 913	10 655	10 151	10 472	10 348
Gross electricity generation	GWh	62 377	62 417	60 095	64 125	65 697	63 503
Final electricity consumption		52 900	52 596	54 042	55 118	56 190	57 869
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	213 519	215 348	217 963	222 996	227 552	235 067
Population	1000 per.	8 021	8 065	8 102	8 140	8 207	8 266
Industry added value	Mio EUR	60 906	61 491	62 601	63 983	65 599	70 743
Total imports (current prices)	Mio EUR	94 087	94 203	99 184	105 911	111 205	117 482
among which:							
All energy commodities		5 504	5 742	6 462	8 086	11 782	11 750
Oil products		3 279	3 264	3 527	4 554	6 117	7 382
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	144.5	144.4	151.0	148.9	149.9	145.0
Final energy consumption / GDP(95)		114.9	116.1	120.7	117.7	119.1	113.8
Energy intensity of industry:							
Final consumption / gross value-added mp		130.4	131.5	130.3	130.4	131.1	123.6
Energy intensity of service sector:							
Final consumption / gross value-added mp		25.4	25.0	28.4	24.2	23.8	22.7
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 847	3 857	4 061	4 079	4 156	4 124
Final energy consumption / capita		3 058	3 099	3 246	3 224	3 303	3 237
Household consumption / capita		797	764	790	782	811	802
Final electricity consumption / capita	kWh/cap.	6 595	6 521	6 670	6 771	6 847	7 001
Energy dependency							
Net energy imports / Gross consumption	in %	64.7	68.1	70.2	70.7	72.3	72.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	79.5	80.4	79.9	79.0	79.5	78.5
Efficiency of thermal power stations		58.1	57.6	56.4	57.2	57.2	58.1

2. Energy balance

Principal aggregates by product

		ÖSTERREICH					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		9 648	9 682	9 485	9 682	9 337	9 587
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	283	332	271	55	0	0
	Crude oil	1 032	966	1 029	1 081	983	1 004
	Natural Gas	1 471	1 597	1 776	1 667	1 403	1 564
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	3 455	3 433	2 827	3 132	3 085	2 999
	Biomass	3 312	3 251	3 452	3 547	3 624	3 737
Imports							
Total		23 439	24 576	26 881	27 891	29 547	30 407
<i>among which:</i>	Hard coal	2 567	2 757	2 719	3 097	2 987	2 855
	Crude oil and feedstocks	8 674	8 872	8 336	7 929	8 254	8 372
	Petroleum products	4 680	5 154	6 377	7 180	7 254	7 076
	Natural Gas	5 334	5 552	6 820	7 123	8 030	8 807
	Electricity	1 244	1 322	1 634	1 430	1 754	1 828
Exports							
Total		3 467	3 402	3 784	4 410	4 888	5 543
<i>among which:</i>	Crude oil and feedstocks	107	6	25	5	29	15
	Petroleum products	1 554	1 482	1 415	1 615	2 157	1 694
	Natural gas	348	453	872	1 270	827	2 267
	Electricity	1 225	1 262	1 151	1 165	1 525	1 239
Gross inland consumption							
Total		30 858	31 103	32 904	33 201	34 105	34 088
<i>among which:</i>	Solid fuels	3 722	3 802	4 067	4 047	4 039	3 985
	Crude oil and petrol. prod.	13 166	13 207	14 203	14 248	14 455	14 430
	Natural gas	6 909	6 987	7 554	7 465	8 178	7 458
	Nuclear Energy	-	-	-	-	-	-
	Renewables	6 809	6 772	6 300	6 814	6 890	7 282
Transformation input							
Total		16 580	16 612	17 033	16 946	17 519	17 247
<i>among which:</i>	Crude oil and feedstocks	9 689	9 706	9 328	9 049	9 374	9 209
	Petroleum products	456	257	334	356	339	357
	Hard coal	2 435	2 378	2 719	2 780	2 576	2 641
	Lignite and peat	358	323	334	231	253	149
	Renewables	676	799	883	1 008	1 106	1 429
Transformation output							
Total		14 306	14 412	14 490	14 406	14 944	14 738
<i>among which:</i>	Electricity	1 751	1 738	2 101	2 084	2 215	2 074
	Heat	1 261	1 185	1 241	1 374	1 443	1 585

<i>in 1 000 toe</i>	ÖSTERREICH					
	2001	2002	2003	2004	2005	2006
Final energy consumption						
Total	24 525	24 995	26 300	26 241	27 107	26 753
<i>among which:</i> Solid fuels	1 348	1 381	1 326	1 302	1 497	1 474
Petroleum products	10 084	10 679	11 575	11 420	11 829	11 386
Natural Gas	4 113	4 139	4 372	4 262	4 431	4 113
Renewables	2 662	2 522	2 557	2 593	2 585	2 706
Electricity	4 549	4 522	4 647	4 739	4 831	4 976
Final energy consumption by sector						
Industry						
Total	7 941	8 087	8 159	8 345	8 601	8 746
<i>among which:</i> Solid fuels	1 113	1 187	1 148	1 158	1 353	1 334
Petroleum Products	1 306	1 324	1 429	1 455	1 506	1 470
Natural Gas	2 170	2 251	2 212	2 198	2 310	2 283
Renewables	784	709	695	712	604	713
Electricity	1 861	1 854	1 866	2 010	2 067	2 142
Transport						
Total	6 401	6 994	7 486	7 746	8 034	7 659
<i>among which:</i> Motor spirit	1 952	2 174	2 224	2 186	2 102	2 034
Diesel oil	3 567	3 978	4 450	4 653	4 915	4 523
Jet fuel	570	534	507	598	675	705
Electricity	277	266	262	265	266	263
Services&households						
Total	10 183	9 913	10 655	10 151	10 472	10 348
<i>among which:</i> Solid fuels	234	194	177	143	143	140
Gas oil	2 159	2 095	2 322	2 017	2 192	2 242
Natural Gas	1 943	1 889	2 160	2 064	2 121	1 831
Renewables	1 868	1 803	1 852	1 868	1 939	1 895
Electricity	2 411	2 402	2 518	2 464	2 498	2 570
Heat	1 047	973	998	1 098	1 157	1 277

3.1 Electricity balance

	ÖSTERREICH						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		62 377	62 417	60 095	64 125	65 697	63 503
<i>among which:</i>							
Hydro		41 837	42 004	35 292	38 966	38 612	37 664
Wind		172	203	366	924	1 328	1 722
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		20 364	20 203	24 426	24 221	25 742	24 102
<i>of which:</i>							
Hard coal		5 286	5 142	6 933	6 906	6 071	6 380
Lignite and peat		1 594	1 461	1 512	999	1 096	599
Petroleum products		1 891	1 332	1 860	1 818	1 641	1 641
Natural gas		8 671	9 367	11 106	10 944	13 014	10 715
Derived gases		1 073	1 098	992	1 204	1 320	1 318
Biomass		1 686	1 567	1 651	2 088	2 034	3 185
Industrial wastes		163	236	372	262	566	264
Total net generation		60 303	59 522	56 564	60 344	62 096	62 107
Imports and exports							
Total imports		14 467	15 375	19 002	16 629	20 397	21 257
Total exports		14 252	14 676	13 389	13 548	17 732	14 407
Consumption and losses							
Consumption of the energy branch		4 359	5 286	5 978	6 136	6 016	3 997
<i>of which:</i>							
Consumption for pumped-storage		344	432	502	500	538	547
Network losses		3 687	3 165	3 289	3 425	3 433	3 351
Final energy consumption		52 900	52 596	54 042	55 118	56 190	57 869
<i>of which:</i>							
Industry		21 638	21 564	21 700	23 377	24 042	24 915
<i>among which:</i>							
Iron&steel industry		2 825	2 638	2 683	3 095	3 277	3 496
Non-ferrous metals		643	662	700	767	788	840
Chemical industry		3 253	3 333	3 340	3 542	3 523	3 657
Non-met. mineral prod.		1 959	2 032	1 917	1 800	1 876	1 929
Food, drink, tobacco		1 352	1 383	1 421	1 528	1 451	1 491
Pulp, paper and print		4 663	4 704	4 541	4 909	4 935	4 974
Engineering & metal		3 075	3 006	3 030	3 519	3 710	3 813
Other industries		2 646	2 561	2 788	2 923	3 238	3 464
Transport		3 218	3 091	3 052	3 084	3 091	3 062
Services & households etc.		28 044	27 941	29 290	28 657	29 057	29 892
<i>among which:</i>							
Households		13 806	13 965	14 197	14 429	14 662	15 788

3.2 Electrical capacity, fuel inputs and heat

		ÖSTERREICH					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	17 775	18 001	18 222	18 602	18 892	19 166
<i>by source:</i>							
Conventional thermal		6 038	6 178	6 178	6 292	6 254	6 344
<i>of which:</i>							
Steam		4 694	4 834	4 834	4 457	4 051	4 141
Gas turbine		257	257	257	460	505	505
Combined cycle		980	980	980	1 224	1 487	1 487
Internal combustion		107	107	107	151	211	211
Nuclear		-	-	-	-	-	-
Hydro		11 668	11 690	11 701	11 750	11 811	11 853
<i>among which:</i>							
Pumped storage		3 572	3 572	3 573	3 580	3 580	3 580
Wind		69	133	343	560	827	969
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		16 117	16 345	16 572	16 997	17 263	17 490
Autoproducers		1 665	1 665	1 665	1 624	1 651	1 676
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	4 358	4 289	5 146	5 262	5 473	5 405
<i>among which:</i>							
Hard coal		1 122	1 060	1 401	1 458	1 257	1 328
Lignite and peat		358	323	334	231	253	149
Petroleum products		307	211	313	289	270	292
Natural gas		1 903	1 888	2 280	2 246	2 566	2 217
Renewables		359	472	520	645	732	1 038
Heating plants		620	600	561	606	663	628
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		149	46	20	67	70	65
Natural gas		154	227	178	176	219	171
Renewables		317	327	363	364	374	391
Heat production and consumption							
Total heat production	1 000 toe	1 261	1 185	1 241	1 374	1 443	1 585
<i>among which: in heating plants</i>							
		479	453	441	449	526	516
Heat consumption		1 186	1 113	1 141	1 260	1 324	1 462
<i>of which: in industry</i>							
		139	140	143	163	167	185
<i>in households and services</i>							
		1 047	973	998	1 098	1 157	1 277
<i>among which: in households</i>							
		475	415	395	505	523	684

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	ÖSTERREICH					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 012	948	1 011	1 061	965	983
Total imports	8 512	8 711	8 189	7 786	8 100	8 202
Total exports	105	6	25	5	29	15
Stock changes	80	-224	-119	20	177	-140
Refinery intake	9 508	9 529	9 163	8 886	9 199	9 021
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	4 853	4 362	4 111	3 766	3 214	3 907
Near and Middle East	2 621	2 872	2 298	2 079	1 819	1 904
Africa	3 246	2 434	2 636	1 899	1 738	2 782
<i>by country of origin:</i>						
Algeria	520	260	294	251	21	304
Irak	917	1 061	170	200	-	144
Iran	-	16	-	223	525	332
Kazakhstan	582	1 233	973	1 728	1 534	1 567
Kuwait	-	-	128	-	-	-
Libya	1 336	678	841	946	321	1 137
Mexico	-	-	-	-	-	-
Nigeria	1 390	1 482	1 108	641	1 218	1 179
Norway	-	-	-	-	-	-
Russia	1 030	841	1 461	1 172	2 204	1 219
Saudi Arabia	641	862	1 570	1 505	1 129	811
Syria	1 014	930	558	151	165	617
United Arab Emirates	49	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ÖSTERREICH					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	9 302	9 406	9 072	8 852	9 215	8 989
<i>among which:</i>						
Motor spirit	1 922	1 927	1 811	1 738	1 798	1 615
Kerosene and jet fuel	514	485	447	456	593	539
Naphtha	757	811	740	863	637	913
Gas/diesel oil	3 959	3 984	3 849	3 529	3 928	3 685
Residual fuel oil	1 044	1 012	1 062	1 032	1 009	915
Total imports	4 631	5 095	6 304	7 097	7 154	6 977
Total exports	1 539	1 465	1 395	1 587	2 118	1 658
Bunkers	-	-	-	-	-	-
Stock changes	358	-76	19	-359	-30	-165
Gross inland consumption	3 460	3 554	4 931	5 164	5 009	5 154
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	34	87	43	32	50	61
United Kingdom	1	1	11	-	18	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	603	706	879	1 043	1 090	959
Kerosene and jet fuel	41	45	56	142	94	199
Gas/diesel oil	3 059	3 462	4 351	4 883	5 055	4 830
Residual fuel oil	280	241	328	306	182	199
Exports by product						
<i>among which:</i>						
Motor spirit	582	496	474	614	767	562
Kerosene and jet fuel	2	2	7	7	5	4
Gas/diesel oil	418	520	539	580	909	615
Residual fuel oil	228	146	55	55	72	58
Consumption						
Inputs to electricity plants	320	221	328	302	282	305
Inputs to heating plants	156	48	21	70	73	68
Non-energy use	1 427	1 392	1 414	1 515	1 351	1 541
Final energy consumption	9 875	10 464	11 347	11 194	11 584	11 144
Industry						
<i>among which by product:</i>						
Gas/diesel oil	849	931	1 026	1 071	1 134	1 100
Residual fuel oil	242	214	224	215	211	220

<i>in 1 000 t</i>	ÖSTERREICH					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	13	8	6	10	10	16
Non-ferrous metals	14	14	13	12	11	11
Chemical industry	26	23	23	26	23	23
Non-met. mineral prod.	86	126	134	159	130	111
Food, drink, tobacco	66	59	58	55	47	48
Pulp, paper and print	46	41	43	34	42	39
Engineering & metal	215	175	182	160	181	177
Other industries	721	779	866	903	949	932
Transport	5 941	6 527	7 012	7 263	7 519	7 100
<i>among which:</i>						
Motor spirit	1 857	2 069	2 116	2 080	2 000	1 935
Jet fuel	555	520	494	582	657	686
Diesel oil	3 506	3 910	4 374	4 573	4 831	4 445
Services & households etc.	2 639	2 612	2 905	2 467	2 560	2 580
<i>among which:</i>						
Gas oil	2 122	2 059	2 282	1 982	2 154	2 203
Residual fuel oil	437	449	506	361	286	260
Stocks at end of period						
Crude oil and feedstocks	1 415	1 639	1 750	1 730	1 588	1 733
Petroleum products	1 302	1 422	1 396	1 774	1 739	1 873

5. Natural gas

<i>in TJ (GCV)</i>	ÖSTERREICH					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	68 413	74 295	82 603	77 550	65 281	72 756
Total imports	248 152	258 276	317 283	331 352	373 543	409 720
Total exports	16 184	21 053	40 567	59 069	38 463	105 443
Stock changes	21 004	13 515	-7 889	-2 568	-19 898	-30 104
Gross inland consumption	321 385	325 033	351 430	347 265	380 463	346 929
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	32 289	34 631	39 840	37 566	43 724	50 875
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	194 813	199 891	239 367	241 615	264 523	234 017
Consumption						
Inputs to electricity plants	88 536	87 826	106 068	104 484	119 356	103 152
Inputs to heat plants	7 178	10 540	8 278	8 165	10 195	7 961
Consumption of energy branch	23 289	22 631	21 224	24 925	32 795	31 705
Distribution losses	126	98	91	87	91	92
Non-energy use	10 939	11 369	12 406	11 322	11 874	12 663
Industry	100 934	104 698	102 883	102 242	107 469	106 195
<i>among which:</i>						
Iron&steel industry	14 639	13 653	15 278	14 774	17 749	18 284
Non-ferrous metals	2 836	2 908	3 207	3 228	3 446	3 592
Chemical industry	16 405	15 970	16 286	15 180	15 517	14 031
Non-met. mineral prod.	13 070	14 363	14 465	14 362	14 738	14 159
Food, drink, tobacco	15 496	19 246	15 693	14 292	12 204	12 558
Pulp, paper and print	19 684	20 803	19 771	22 032	22 738	21 949
Engineering & metal	7 205	6 796	7 407	8 263	9 109	9 752
Other industries	5 522	5 213	5 564	5 136	6 867	6 727
Transport	-	-	-	-	-	-
Services & households etc.	90 383	87 871	100 480	96 040	98 683	85 161
<i>among which:</i>						
Households	60 803	59 995	64 790	61 593	67 078	60 247
Services	28 893	27 198	34 958	33 751	30 847	24 233

6.1 Hard coal

<i>in 1 000 t</i>	ÖSTERREICH					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	3 767	4 090	4 031	4 513	4 390	4 196
Total exports	-	-	-	21	3	-
Stock changes	207	-190	350	-98	-283	111
Gross inland consumption	3 974	3 900	4 381	4 394	4 104	4 307
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	292
Consumption						
Inputs to electricity plants	1 670	1 617	2 136	2 147	1 886	2 001
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	2	-	-	-	-	-
Industry	336	313	280	282	273	370
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	4
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	70	71	68	62	35	29
Non-met. mineral prod.	195	157	146	137	151	214
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	70	85	66	83	87	122
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	74	69	64	60	45	43

6.2 Coal derivatives and peat

		ÖSTERREICH					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 394	1 395	1 395	1 400	1 388	1 398
Patent Fuel		-	-	-	-	-	-
Lignite and peat		1 208	1 414	1 154	237	1	1
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		9 776	9 579	10 722	10 911	9 871	9 822
Blast-furnace gas		25 098	29 309	28 463	29 577	28 902	28 943
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 424	1 542	1 500	1 443	1 781	1 701
<i>among which:</i>							
Iron & steel industry		1 214	1 349	1 322	1 307	1 622	1 558
Services & households		184	161	144	106	128	121
Patent Fuel		1	1	2	1	1	1
<i>among which:</i>							
Services & households		1	1	2	1	1	1
Lignite and peat		103	108	81	91	71	18
<i>among which:</i>							
Industry		64	74	70	79	61	10
Services & households		39	34	11	12	10	8
Brown coal briquettes		108	65	72	58	50	57
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		108	65	72	58	50	57
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		2 878	2 348	3 584	2 946	2 523	2 510
Blast-furnace gas		13 859	15 921	15 691	13 201	12 644	12 659
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		11 446	11 412	9 739	13 564	14 271	13 509
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		6 691	7 271	8 348	8 607	7 818	7 805
Consumption in industry		16 737	18 269	19 275	16 147	15 167	15 169

7. Renewable energy sources

		ÖSTERREICH					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	6 863	6 788	6 409	6 879	6 950	7 019
Hydro (excl. pumping)		3 455	3 433	2 827	3 132	3 085	2 999
Wind		15	17	31	79	114	148
Solar		67	69	80	86	92	101
Geothermal		14	17	19	35	35	35
Biomass		3 312	3 251	3 452	3 547	3 624	3 737
	<i>among which:</i>						
Wood, wood-waste		3 154	3 095	3 271	3 298	3 365	3 347
Municipal solid waste		110	117	138	181	171	264
Biogas		29	18	22	28	31	36
Gross inland consumption		6 809	6 772	6 300	6 814	6 890	7 282
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		9	10	13	28	29	29
Biomass		667	790	870	980	1 078	1 401
	<i>among which:</i>						
Wood, wood-waste		531	656	713	764	857	1 064
Municipal waste		110	117	138	181	171	264
Biogas		27	16	19	20	22	30
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	2 662	2 522	2 557	2 593	2 585	2 706
	<i>by sector:</i>						
Industry		784	709	695	712	604	713
Services & households etc.		1 868	1 803	1 852	1 868	1 939	1 895
Transport		10	10	10	13	42	98
	<i>by source:</i>						
Biomass		2 591	2 445	2 472	2 502	2 487	2 599
	<i>among which:</i>						
Wood, wood-waste		2 569	2 423	2 449	2 469	2 425	2 485
Municipal waste		-	-	-	-	-	-
Biogas		3	2	3	8	9	6
Geothermal		5	7	6	6	6	6
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		4	7	11	14	15	15
Hydro with installed capacity < 1 MW		1 521	1 399	955	564	551	574
Hydro with installed capacity > 1 & <10 MW		2 738	3 233	1 726	3 228	3 042	3 157
Hydro with installed capacity > 10 MW		37 574	35 299	30 197	32 631	32 282	33 347
Wood, Wood-waste		1 552	1 523	1 604	1 693	1 930	2 554
Municipal waste		78	79	186	336	324	503
Biogas		56	44	48	59	66	68

		ÖSTERREICH					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		7	9	15	19	22	35
Hydro with installed capacity < 1 MW		282	464	459	442	328	339
Hydro with installed capacity > 1 & <10 MW		561	1 083	746	748	734	760
Hydro with installed capacity > 10 MW		7 253	6 571	6 923	6 980	7 169	6 904
Wood, Wood-waste		766	766	766	766	766	766
Municipal waste		12	12	364	364	364	364
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	22	23	23	46	65	102
Solar Panels							
Solar panel surface	<i>1000 m²</i>	2 200	2 400	2 570	2 750	3 009	3 312

1. Energy economy

Key figures and energy indicators

		POLSKA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	79 376	79 062	78 709	77 959	77 717	76 848
Net energy imports		9 539	10 227	12 137	13 525	16 911	19 645
Net oil imports		19 239	19 756	20 227	21 172	22 155	24 049
Net gas imports		7 178	6 681	7 499	8 119	8 531	8 899
Gross inland energy consumption		90 958	89 577	91 978	92 428	93 870	98 269
Final energy consumption		55 734	54 085	55 870	57 116	57 324	60 163
Industry		17 360	16 571	17 281	17 850	16 462	17 349
Transport		9 190	9 002	10 214	11 351	12 118	13 426
Services and households etc.		29 184	28 512	28 375	27 915	28 745	29 388
Gross electricity generation	GWh	145 615	144 126	151 631	154 159	156 936	161 743
Final electricity consumption		96 857	95 504	98 189	99 757	98 835	102 968
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	140 106	142 129	147 625	155 515	161 140	171 210
Population	1000 per.	38 254	38 242	38 219	38 191	38 174	38 157
Industry added value	Mio EUR	42 904	42 071	44 636	48 750	50 743	56 019
Total imports (current prices)	Mio EUR	45 595	46 804	51 165	58 935	61 682	72 406
among which:							
All energy commodities		:	:	:	4 835	9 411	10 528
Oil products		:	:	:	3 530	6 883	9 164
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	649.2	630.3	623.1	594.3	582.5	574.0
Final energy consumption / GDP(95)		397.8	380.5	378.5	367.3	355.7	351.4
Energy intensity of industry:							
Final consumption / gross value-added mp		404.6	393.9	387.1	366.2	324.4	309.7
Energy intensity of service sector:							
Final consumption / gross value-added mp		75.5	82.8	84.1	78.3	74.9	71.2
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 378	2 342	2 407	2 420	2 459	2 575
Final energy consumption / capita		1 457	1 414	1 462	1 496	1 502	1 577
Household consumption / capita		502	473	462	462	481	503
Final electricity consumption / capita	kWh/cap.	2 532	2 497	2 569	2 612	2 589	2 699
Energy dependency							
Net energy imports / Gross consumption	in %	10.5	11.4	13.2	14.6	18.0	19.9
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	61.3	60.4	60.7	61.8	61.1	61.2
Efficiency of thermal power stations		47.3	47.6	48.1	48.0	48.3	47.8

2. Energy balance

Principal aggregates by product

		POLSKA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		79 376	79 062	78 709	77 959	77 717	76 848
<i>among which:</i>	Hard coal	58 823	58 491	57 808	55 881	55 685	54 512
	Lignite and peat	12 204	12 124	12 355	12 924	12 736	12 594
	Crude oil	779	737	777	901	862	808
	Natural Gas	3 492	3 569	3 611	3 927	3 884	3 880
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	200	196	144	179	189	176
	Biomass	3 874	3 933	3 996	4 126	4 340	4 844
Imports							
Total		30 782	31 481	31 974	33 786	36 579	39 873
<i>among which:</i>	Hard coal	1 243	1 755	1 592	1 493	2 047	3 257
	Crude oil and feedstocks	18 178	18 304	17 943	17 981	18 581	21 006
	Petroleum products	3 759	4 299	4 455	5 547	6 851	6 151
	Natural Gas	7 212	6 715	7 537	8 157	8 567	8 937
	Electricity	370	384	429	457	430	412
Exports							
Total		21 242	21 255	19 837	20 261	19 668	20 227
<i>among which:</i>	Crude oil and feedstocks	447	503	164	140	220	286
	Petroleum products	2 251	2 344	2 007	2 215	3 058	2 822
	Natural gas	34	35	38	38	36	38
	Electricity	949	992	1 302	1 256	1 392	1 356
Gross inland consumption							
Total		90 958	89 577	91 978	92 428	93 870	98 269
<i>among which:</i>	Solid fuels	55 822	54 797	56 234	54 259	54 918	57 041
	Crude oil and petrol. prod.	20 791	20 631	20 700	22 280	22 734	24 232
	Natural gas	10 377	10 113	11 261	11 881	12 235	12 373
	Nuclear Energy	-	-	-	-	-	-
	Renewables	4 078	4 142	4 156	4 325	4 493	4 987
Transformation input							
Total		69 952	67 897	70 996	71 453	70 118	76 391
<i>among which:</i>	Crude oil and feedstocks	19 733	18 996	18 716	19 589	19 789	22 595
	Petroleum products	398	369	338	277	233	221
	Hard coal	35 472	34 288	36 889	36 257	34 327	37 675
	Lignite and peat	12 107	11 807	12 378	12 283	12 754	12 578
	Renewables	130	130	156	244	461	554
Transformation output							
Total		48 173	46 468	49 248	49 919	48 218	52 359
<i>among which:</i>	Electricity	12 157	12 052	12 744	12 926	13 158	13 626
	Heat	8 843	8 394	8 795	8 261	8 138	8 150

		POLSKA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		55 734	54 085	55 870	57 116	57 324	60 163
<i>among which:</i>	Solid fuels	13 250	12 334	11 532	11 366	11 350	12 422
	Petroleum products	14 790	14 640	16 282	17 405	17 874	18 416
	Natural Gas	6 662	6 757	7 088	7 413	7 715	7 791
	Renewables	3 746	3 810	3 842	3 890	3 829	4 230
	Electricity	8 328	8 212	8 443	8 578	8 498	8 854
Final energy consumption by sector							
Industry							
Total		17 360	16 571	17 281	17 850	16 462	17 349
<i>among which:</i>	Solid fuels	6 564	6 005	5 623	5 670	4 769	4 775
	Petroleum Products	1 765	1 762	1 882	1 874	1 756	1 650
	Natural Gas	2 255	2 243	2 409	2 705	2 785	2 940
	Renewables	627	700	729	764	759	1 039
	Electricity	3 355	3 283	3 456	3 648	3 553	3 682
Transport							
Total		9 190	9 002	10 214	11 351	12 118	13 426
<i>among which:</i>	Motor spirit	4 838	4 432	4 279	4 318	4 147	4 254
	Diesel oil	2 984	2 865	4 059	4 932	5 615	6 525
	Jet fuel	347	423	287	281	319	426
	Electricity	369	371	378	365	343	269
Services&households							
Total		29 184	28 512	28 375	27 915	28 745	29 388
<i>among which:</i>	Solid fuels	6 686	6 330	5 908	5 697	6 581	7 648
	Gas oil	3 350	3 472	3 444	3 562	3 369	2 946
	Natural Gas	4 406	4 514	4 679	4 708	4 930	4 851
	Renewables	3 112	3 110	3 078	3 109	3 025	3 107
	Electricity	4 605	4 558	4 609	4 565	4 603	4 903
	Heat	6 158	5 748	5 497	5 271	5 214	5 183

3.1 Electricity balance

<i>in GWh</i>	POLSKA					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	145 615	144 126	151 631	154 159	156 936	161 743
<i>among which:</i>						
Hydro	4 219	3 906	3 293	3 691	3 778	3 021
Wind	14	61	124	142	135	256
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	141 382	140 159	148 214	150 326	153 023	158 466
<i>of which:</i>						
Hard coal	80 368	79 913	84 720	85 559	84 772	90 910
Lignite and peat	54 603	53 040	55 938	56 050	58 909	57 699
Petroleum products	2 397	2 377	2 456	2 507	2 385	2 441
Natural gas	1 358	2 198	2 425	3 144	3 570	3 111
Derived gases	1 890	1 740	1 934	1 885	1 484	1 913
Biomass	444	427	454	850	1 830	2 011
Industrial wastes	322	464	287	331	73	381
Total net generation	132 665	131 374	138 367	140 763	143 601	147 662
Imports and exports						
Total imports	4 306	4 469	4 985	5 312	5 002	4 789
Total exports	11 035	11 537	15 146	14 605	16 188	15 775
Consumption and losses						
Consumption of the energy branch	25 938	25 527	27 199	29 069	30 775	32 790
<i>of which:</i>						
Consumption for pumped-storage	706	622	662	658	630	421
Network losses	14 197	14 400	14 460	14 431	14 563	14 021
Final energy consumption	96 857	95 504	98 189	99 757	98 835	102 968
<i>of which:</i>						
Industry	39 013	38 181	40 189	42 424	41 317	42 824
<i>among which:</i>						
Iron&steel industry	6 261	5 446	6 148	7 210	5 929	6 269
Non-ferrous metals	3 654	3 523	3 511	3 563	3 484	3 565
Chemical industry	8 344	8 057	8 575	8 674	8 307	8 859
Non-met. mineral prod.	3 115	3 047	3 148	3 450	3 480	3 698
Food, drink, tobacco	3 737	3 980	4 259	4 319	4 442	4 493
Pulp, paper and print	2 704	2 773	3 004	2 950	3 119	3 172
Engineering & metal	4 761	4 705	4 945	5 115	5 471	5 807
Other industries	3 951	4 190	4 172	4 636	4 746	4 671
Transport	4 287	4 313	4 398	4 246	3 987	3 124
Services & households etc.	53 557	53 010	53 602	53 087	53 531	57 020
<i>among which:</i>						
Households	21 376	21 659	22 050	25 476	25 064	26 022

3.2 Electrical capacity, fuel inputs and heat

		POLSKA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	30 672	30 815	31 407	31 888	32 257	32 360
by source:							
Conventional thermal		28 420	28 576	29 099	29 566	29 815	29 857
<i>of which:</i>							
Steam		28 200	28 117	28 754	28 786	28 998	29 038
Gas turbine		13	26	44	52	85	86
Combined cycle		191	417	516	705	705	705
Internal combustion		16	16	20	23	27	28
Nuclear		-	-	-	-	-	-
Hydro		2 233	2 207	2 273	2 282	2 321	2 331
<i>among which:</i>							
Pumped storage		1 366	1 366	1 406	1 406	1 406	1 406
Wind		19	32	35	40	121	172
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		28 752	28 922	29 572	29 822	30 203	30 323
Autoproducers		1 919	1 893	1 835	2 066	2 054	2 037
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	36 231	35 612	37 717	37 827	38 149	39 522
<i>among which:</i>							
Hard coal		22 813	22 263	23 613	23 536	23 195	24 575
Lignite and peat		12 099	11 799	12 371	12 276	12 747	12 571
Petroleum products		220	211	203	204	179	168
Natural gas		405	630	787	970	1 069	964
Renewables		114	110	130	208	422	511
Heating plants		4 609	4 152	4 073	3 599	3 640	4 483
<i>among which:</i>							
Hard coal		4 076	3 628	3 559	3 132	3 212	4 055
Lignite and peat		8	7	7	7	7	7
Petroleum products		173	155	135	70	51	49
Natural gas		269	294	299	312	293	297
Renewables		16	19	26	35	40	43
Heat production and consumption							
Total heat production	1 000 toe	8 843	8 394	8 795	8 261	8 138	8 150
<i>among which: in heating plants</i>							
		3 845	3 484	3 411	3 024	2 884	2 874
Heat consumption		7 556	7 112	7 390	7 166	7 056	7 179
<i>of which: in industry</i>							
		1 398	1 364	1 893	1 895	1 842	1 996
<i>in households and services</i>							
		6 158	5 748	5 497	5 271	5 214	5 183
<i>among which: in households</i>							
		5 527	4 968	4 777	4 586	4 538	4 538

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	POLSKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	767	728	765	886	848	796
Total imports	17 907	18 077	17 657	17 679	18 283	20 693
Total exports	440	497	161	138	216	282
Stock changes	227	-295	-592	4	-353	-277
Refinery intake	19 439	18 758	18 419	19 262	19 472	22 258
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	269
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	273	147	173	185	148	49
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	52	-	132	130	137
Russia	16 624	17 310	16 641	16 670	17 466	19 156
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	POLSKA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	18 402	17 593	18 044	18 585	18 514	20 947
<i>among which:</i>						
Motor spirit	4 246	3 935	3 920	4 002	4 121	4 162
Kerosene and jet fuel	627	585	656	715	661	854
Naphtha	745	882	836	889	949	1 415
Gas/diesel oil	7 141	6 314	6 722	7 371	7 459	8 336
Residual fuel oil	3 424	3 325	3 253	2 754	2 537	2 824
Total imports	3 600	4 108	4 266	5 318	6 650	5 904
Total exports	2 272	2 365	2 016	2 212	3 044	2 820
Bunkers	267	276	291	259	328	301
Stock changes	-6	72	2	-173	-240	-699
Gross inland consumption	1 288	1 614	2 026	2 725	3 081	2 127
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	5	11	11	13	65	60
United Kingdom	49	47	92	98	149	287
Norway	35	80	118	35	57	105
OPEC	5	-	-	1	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	861	628	537	602	607	603
Kerosene and jet fuel	136	115	1	2	-	-
Gas/diesel oil	984	1 460	1 376	2 238	2 842	2 541
Residual fuel oil	185	127	32	84	13	83
Exports by product						
<i>among which:</i>						
Motor spirit	364	386	418	445	698	640
Kerosene and jet fuel	392	278	361	455	355	439
Gas/diesel oil	166	339	161	240	596	313
Residual fuel oil	1 206	1 017	640	597	488	782
Consumption						
Inputs to electricity plants	230	220	212	213	185	176
Inputs to heating plants	178	159	138	71	52	50
Non-energy use	2 029	2 244	2 194	2 286	2 425	3 095
Final energy consumption	14 252	14 086	15 721	16 788	17 283	17 750
Industry						
<i>among which by product:</i>						
Gas/diesel oil	589	554	568	542	523	518
Residual fuel oil	503	500	482	501	402	359

<i>in 1 000 t</i>	POLSKA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	24	8	7	6	2	3
Non-ferrous metals	19	15	12	15	15	15
Chemical industry	821	810	806	799	621	716
Non-met. mineral prod.	170	200	342	343	459	236
Food, drink, tobacco	257	267	268	260	237	205
Pulp, paper and print	50	50	52	55	49	51
Engineering & metal	82	63	64	56	70	67
Other industries	183	195	200	196	210	221
Transport	8 461	8 274	9 410	10 538	11 275	12 576
<i>among which:</i>						
Motor spirit	4 604	4 217	4 072	4 109	3 946	4 048
Jet fuel	338	412	279	274	311	415
Diesel oil	2 933	2 816	3 989	4 847	5 519	6 413
Services & households etc.	4 105	4 132	4 482	4 438	4 270	3 585
<i>among which:</i>						
Gas oil	3 292	3 412	3 385	3 501	3 311	2 895
Residual fuel oil	131	97	300	153	183	69
Stocks at end of period						
Crude oil and feedstocks	1 216	1 511	2 103	2 475	2 828	3 105
Petroleum products	1 317	1 244	1 268	1 415	1 630	2 354

5. Natural gas

<i>in TJ (GCV)</i>	POLSKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	162 449	166 037	167 997	182 698	180 700	180 514
Total imports	335 498	312 390	350 607	379 467	398 547	415 736
Total exports	1 573	1 605	1 767	1 753	1 667	1 745
Stock changes	-13 655	-6 356	7 010	-7 728	-8 431	-18 892
Gross inland consumption	482 719	470 466	523 847	552 684	569 149	575 613
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	10 961	19 766	19 555	19 376	19 426	14 453
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	279 591	268 899	275 629	236 370	262 629	286 175
Consumption						
Inputs to electricity plants	18 859	29 327	36 626	45 111	49 729	44 859
Inputs to heat plants	12 521	13 673	13 924	14 519	13 647	13 817
Consumption of energy branch	39 478	38 841	38 528	44 983	46 382	57 063
Distribution losses	14 078	7 708	10 196	9 422	7 120	5 240
Non-energy use	79 538	60 675	86 969	88 892	93 843	89 831
Industry	104 920	104 330	112 079	125 831	129 549	136 772
<i>among which:</i>						
Iron&steel industry	19 179	16 280	16 263	21 884	22 212	22 781
Non-ferrous metals	6 333	6 210	6 520	7 117	7 187	7 649
Chemical industry	9 423	7 999	7 174	8 331	9 004	10 059
Non-met. mineral prod.	35 398	36 926	39 538	42 481	43 292	45 870
Food, drink, tobacco	12 626	13 878	16 750	17 960	19 395	20 692
Pulp, paper and print	1 606	1 623	2 327	2 952	2 542	3 307
Engineering & metal	11 487	11 580	12 218	13 250	13 241	14 010
Other industries	5 446	6 235	7 808	8 206	9 014	8 624
Transport	-	-	-	-	-	-
Services & households etc.	204 983	210 009	217 648	219 031	229 354	225 688
<i>among which:</i>						
Households	148 597	141 214	141 810	140 418	150 123	154 095
Services	55 523	67 779	74 508	77 300	78 027	69 934

6.1 Hard coal

<i>in 1 000 t</i>	POLSKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	103 280	102 723	101 659	100 517	97 110	94 407
Total imports	1 878	2 737	2 517	2 328	3 372	5 271
Total exports	23 029	22 623	20 119	19 684	19 369	16 735
Stock changes	1 303	-1 561	96	41	-1 469	2 371
Gross inland consumption	84 144	82 258	85 368	83 915	80 438	86 130
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	8	32	-	30	56	80
Russia	913	1 466	1 730	1 459	2 390	3 330
South Africa	196	121	14	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	44 242	43 175	45 631	45 841	45 055	47 362
Inputs to heat plants	7 905	7 036	6 878	6 100	5 849	5 755
Consumption of energy branch	1 581	977	1 157	1 035	851	601
Industry	8 292	7 379	6 247	6 220	5 612	5 442
<i>among which:</i>						
Iron&steel industry	546	340	351	453	259	360
Non-ferrous metals	156	108	90	47	1	1
Chemical industry	2 076	1 940	1 190	1 236	1 233	1 175
Non-met. mineral prod.	1 761	1 450	1 291	1 392	1 278	1 339
Food, drink, tobacco	1 715	1 784	1 661	1 554	1 470	1 310
Pulp, paper and print	667	611	598	594	550	492
Engineering & metal	471	380	361	288	258	224
Other industries	541	480	479	482	423	423
Services & households etc.	10 820	10 184	9 443	9 422	10 387	11 715

6.2 Coal derivatives and peat

		POLSKA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		8 946	8 723	10 112	10 097	8 404	9 613
Patent Fuel		-	-	-	-	-	-
Lignite and peat		59 552	58 210	60 920	61 198	61 636	60 844
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		76 676	72 856	83 434	81 052	68 830	79 680
Blast-furnace gas		31 904	28 752	31 031	33 836	23 446	28 948
Gasworks gas		176	161	153	136	114	118
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		3 662	3 512	3 673	3 654	2 431	2 675
<i>among which:</i>							
Iron & steel industry		2 400	2 273	2 441	2 604	1 789	1 978
Services & households		684	685	687	528	239	266
Patent Fuel		1	2	1	-	-	1
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		337	363	394	495	494	547
<i>among which:</i>							
Industry		33	33	25	15	11	10
Services & households		304	330	369	480	483	537
Brown coal briquettes		2	2	2	2	2	4
<i>among which:</i>							
Industry		2	1	2	2	2	2
Services & households		-	1	-	-	-	2
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		19 955	17 636	19 035	19 460	15 537	16 424
Blast-furnace gas		24 636	19 390	19 524	21 006	14 585	19 466
Gasworks gas		172	152	146	129	109	113
Inputs to electricity plants		22 697	22 161	24 612	24 296	18 814	27 411
Inputs to heat plants		1 257	867	1 139	1 208	1 302	1 270
Consumption of energy branch		39 078	40 436	46 429	47 039	41 947	41 643
Consumption in industry		44 591	37 026	38 559	40 466	30 122	35 890

7. Renewable energy sources

		POLSKA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	4 078	4 141	4 158	4 325	4 550	5 055
Hydro (excl. pumping)		200	196	144	179	189	176
Wind		1	5	11	12	12	22
Solar		-	-	-	-	-	-
Geothermal		3	6	7	8	9	13
Biomass		3 874	3 933	3 996	4 126	4 340	4 844
	<i>among which:</i>						
Wood, wood-waste		3 831	3 901	3 921	4 062	4 166	4 588
Municipal solid waste		1	0	1	1	16	39
Biogas		35	32	39	47	54	62
Gross inland consumption		4 078	4 142	4 156	4 325	4 493	4 987
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		130	130	156	244	461	554
	<i>among which:</i>						
Wood, wood-waste		117	115	139	213	418	506
Municipal waste		-	-	-	-	-	-
Biogas		13	15	18	31	43	48
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	3 746	3 810	3 842	3 890	3 829	4 230
	<i>by sector:</i>						
Industry		627	700	729	764	759	1 039
Services & households etc.		3 112	3 110	3 078	3 109	3 025	3 107
Transport		7	-	36	17	46	84
	<i>by source:</i>						
Biomass		3 743	3 804	3 835	3 882	3 820	4 217
	<i>among which:</i>						
Wood, wood-waste		3 714	3 787	3 780	3 849	3 748	4 080
Municipal waste		1	0	1	1	16	39
Biogas		22	17	18	16	10	14
Geothermal		3	6	7	8	9	13
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		239	262	243	273	356	248
Hydro with installed capacity > 1 & <10 MW		532	585	431	617	504	567
Hydro with installed capacity > 10 MW		1 554	1 432	998	1 191	1 339	1 228
Wood, Wood-waste		402	379	398	768	1 719	1 851
Municipal waste		-	-	-	-	-	-
Biogas		42	48	56	82	111	160

		POLSKA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		76	60	63	77	72	72
Hydro with installed capacity > 1 & <10 MW		106	150	164	184	174	181
Hydro with installed capacity > 10 MW		686	630	680	715	669	672
Wood, Wood-waste		-	-	24	24	25	25
Municipal waste		-	-	-	-	-	-
Biogas		12	14	18	22	30	32
Liquid biofuels							
Production	<i>1000 t</i>	9	-	44	21	145	208
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		PORTUGAL					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	3 895	3 643	4 336	3 894	3 578	4 320
Net energy imports		21 848	22 519	22 393	22 653	24 414	21 569
Net oil imports		16 608	16 155	16 237	15 581	16 711	13 947
Net gas imports		2 252	2 727	2 643	3 305	3 893	3 662
Gross inland energy consumption		25 055	26 264	25 665	26 409	27 035	25 338
Final energy consumption		18 113	18 389	18 393	20 177	18 723	18 544
Industry		6 322	5 824	5 869	7 226	5 689	5 694
Transport		6 574	7 156	7 115	7 308	7 055	7 142
Services and households etc.		5 218	5 410	5 408	5 643	5 979	5 708
Gross electricity generation	GWh	46 510	46 109	46 855	45 108	46 578	49 041
Final electricity consumption		39 937	41 473	43 164	44 668	46 322	47 768
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	108 466	109 289	108 409	110 052	111 054	112 545
Population	1000 per.	10 257	10 329	10 408	10 475	10 529	10 570
Industry added value	Mio EUR	27 350	26 983	26 490	26 603	26 179	26 366
Total imports (current prices)	Mio EUR	46 361	46 038	45 663	48 715	50 409	52 711
among which:							
All energy commodities		4 270	4 084	4 221	4 941	7 212	8 024
Oil products		3 367	3 177	3 251	3 829	5 538	6 315
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	231.0	240.3	236.7	240.0	243.4	225.1
Final energy consumption / GDP(95)		167.0	168.3	169.7	183.3	168.6	164.8
Energy intensity of industry:							
Final consumption / gross value-added mp		231.1	215.8	221.6	271.6	217.3	216.0
Energy intensity of service sector:							
Final consumption / gross value-added mp		29.6	28.1	28.8	31.1	33.1	32.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	2 443	2 543	2 466	2 521	2 568	2 397
Final energy consumption / capita		1 766	1 780	1 767	1 926	1 778	1 754
Household consumption / capita		279	302	299	289	304	303
Final electricity consumption / capita	kWh/cap.	3 894	4 015	4 147	4 264	4 399	4 519
Energy dependency							
Net energy imports / Gross consumption	in %	85.6	84.2	85.3	83.7	88.4	83.1
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	72.3	70.0	71.7	76.4	69.3	73.2
Efficiency of thermal power stations		45.9	45.1	45.2	46.0	46.7	47.2

2. Energy balance

Principal aggregates by product

	PORTUGAL					
	2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>						
Primary production						
Total	3 895	3 643	4 336	3 894	3 578	4 320
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	1 207	671	1 352	849	407	946
Biomass	2 583	2 838	2 842	2 877	2 931	3 011
Imports						
Total	23 528	24 199	24 357	24 845	27 040	25 257
<i>among which:</i> Hard coal	2 967	3 461	3 263	3 204	3 219	3 497
Crude oil and feedstocks	13 296	12 030	13 468	13 345	13 637	13 771
Petroleum products	4 691	5 510	4 466	4 244	5 459	3 586
Natural Gas	2 252	2 727	2 643	3 305	3 893	3 662
Electricity	322	458	507	740	828	742
Exports						
Total	1 680	1 680	1 964	2 192	2 626	3 688
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	1 379	1 385	1 697	2 009	2 385	3 410
Natural gas	-	-	-	-	-	-
Electricity	301	295	267	183	241	274
Gross inland consumption						
Total	25 055	26 264	25 665	26 409	27 035	25 338
<i>among which:</i> Solid fuels	3 192	3 476	3 281	3 372	3 347	3 308
Crude oil and petrol. prod.	15 691	16 253	15 167	15 274	15 768	13 593
Natural gas	2 255	2 729	2 636	3 303	3 751	3 640
Nuclear Energy	-	-	-	-	-	-
Renewables	3 895	3 643	4 336	3 894	3 578	4 320
Transformation input						
Total	19 630	20 204	19 716	20 455	21 792	20 905
<i>among which:</i> Crude oil and feedstocks	13 217	12 608	13 459	13 517	13 785	13 895
Petroleum products	1 920	2 324	1 256	1 243	1 885	1 107
Hard coal	3 025	3 298	3 138	3 227	3 319	3 276
Lignite and peat	-	-	-	-	-	-
Renewables	243	457	450	473	490	497
Transformation output						
Total	16 174	15 994	16 245	16 650	17 469	17 163
<i>among which:</i> Electricity	2 741	3 223	2 605	2 935	3 412	2 979
Heat	162	200	226	258	328	331

		PORTUGAL					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		18 113	18 389	18 393	20 177	18 723	18 544
<i>among which:</i>	Solid fuels	203	177	143	87	16	27
	Petroleum products	10 842	10 778	10 615	12 210	10 561	10 118
	Natural Gas	1 040	1 183	1 206	1 280	1 307	1 336
	Renewables	2 424	2 484	2 491	2 502	2 529	2 625
	Electricity	3 434	3 566	3 711	3 841	3 983	4 107
Final energy consumption by sector							
Industry							
Total		6 322	5 824	5 869	7 226	5 689	5 694
<i>among which:</i>	Solid fuels	203	177	143	87	16	27
	Petroleum Products	2 486	1 813	1 829	3 161	1 586	1 509
	Natural Gas	831	917	918	946	956	964
	Renewables	1 255	1 314	1 320	1 321	1 341	1 361
	Electricity	1 390	1 416	1 446	1 469	1 477	1 517
Transport							
Total		6 574	7 156	7 115	7 308	7 055	7 142
<i>among which:</i>	Motor spirit	2 100	2 174	2 109	2 027	1 903	1 759
	Diesel oil	3 662	4 177	4 158	4 370	4 196	4 313
	Jet fuel	755	742	780	840	881	922
	Electricity	31	35	37	40	41	44
Services&households							
Total		5 218	5 410	5 408	5 643	5 979	5 708
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Gas oil	1 099	795	867	831	984	674
	Natural Gas	204	259	279	325	341	362
	Renewables	1 169	1 171	1 171	1 180	1 188	1 195
	Electricity	2 014	2 115	2 228	2 332	2 466	2 547
	Heat	9	13	13	16	13	14

3.1 Electricity balance

	PORTUGAL						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		46 510	46 109	46 855	45 108	46 578	49 041
<i>among which:</i>							
Hydro		14 375	8 257	16 054	10 147	5 118	11 467
Wind		256	362	496	816	1 773	2 925
Geothermal		105	96	90	84	71	85
Nuclear		-	-	-	-	-	-
Conventional thermal		31 773	37 392	30 212	34 058	39 613	34 559
<i>of which:</i>							
Hard coal		13 606	15 212	14 527	14 858	15 226	14 958
Lignite and peat		-	-	-	-	-	-
Petroleum products		9 338	11 407	6 162	5 698	8 791	5 247
Natural gas		7 212	9 037	7 740	11 689	13 606	12 343
Derived gases		16	-	-	-	-	-
Biomass		1 600	1 734	1 777	1 804	1 977	1 998
Industrial wastes		1	2	6	9	13	13
Total net generation		44 844	44 390	45 375	43 482	44 984	47 488
Imports and exports							
Total imports		3 741	5 329	5 898	8 612	9 626	8 624
Total exports		3 502	3 430	3 104	2 131	2 802	3 183
Consumption and losses							
Consumption of the energy branch		2 413	2 574	2 270	2 583	2 478	2 568
<i>of which:</i>							
Consumption for pumped-storage		144	213	154	130	181	238
Network losses		4 057	3 502	3 881	4 057	4 212	3 686
Final energy consumption		39 937	41 473	43 164	44 668	46 322	47 768
<i>of which:</i>							
Industry		16 161	16 470	16 820	17 086	17 172	17 644
<i>among which:</i>							
Iron&steel industry		749	863	1 088	1 186	1 279	1 386
Non-ferrous metals		116	117	116	121	122	127
Chemical industry		2 303	2 331	2 480	2 555	2 561	2 637
Non-met. mineral prod.		2 307	2 350	2 233	2 336	2 336	2 418
Food, drink, tobacco		1 576	1 603	1 644	1 688	1 695	1 773
Pulp, paper and print		2 097	1 995	2 229	2 346	2 470	2 500
Engineering & metal		1 571	1 547	1 613	1 656	1 674	1 733
Other industries		2 740	2 892	2 884	2 814	2 761	2 858
Transport		358	411	435	464	472	508
Services & households etc.		23 418	24 592	25 909	27 118	28 678	29 616
<i>among which:</i>							
Households		10 625	11 382	11 835	12 432	13 242	13 406

3.2 Electrical capacity, fuel inputs and heat

		PORTUGAL					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	10 990	11 239	11 619	12 711	13 389	14 456
by source:							
Conventional thermal		6 291	6 448	6 749	7 292	7 277	7 685
<i>of which:</i>							
Steam		4 061	4 146	4 129	4 129	4 077	4 092
Gas turbine		427	485	382	390	419	431
Combined cycle		990	990	1 382	1 774	1 774	2 166
Internal combustion		813	827	856	999	1 007	996
Nuclear		-	-	-	-	-	-
Hydro		4 560	4 587	4 588	4 852	5 034	5 065
<i>among which:</i>							
Pumped storage		597	597	597	537	537	1 048
Wind		125	190	268	553	1 064	1 681
Geothermal		14	14	14	14	14	25
Other		-	-	-	-	-	-
by producer type:							
Public system		9 879	10 020	10 397	11 430	12 079	13 139
Autoproducers		1 112	1 220	1 224	1 283	1 312	1 320
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	6 325	7 596	6 257	6 938	8 007	7 010
<i>among which:</i>							
Hard coal		2 961	3 298	3 138	3 227	3 319	3 276
Lignite and peat		-	-	-	-	-	-
Petroleum products		1 920	2 324	1 256	1 243	1 885	1 107
Natural gas		1 189	1 517	1 409	1 987	2 309	2 121
Renewables		243	457	450	473	490	497
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	162	200	226	258	328	331
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		162	200	226	258	328	331
<i>of which: in industry</i>							
		152	187	213	242	315	317
<i>in households and services</i>							
		9	13	13	16	13	14
<i>among which: in households</i>							
		4	7	8	9	6	6

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	PORTUGAL					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	13 158	11 861	13 276	13 184	13 473	13 582
Total exports	-	-	-	-	-	-
Stock changes	-193	427	-73	-94	-48	-84
Refinery intake	13 079	12 430	13 267	13 353	13 618	13 704
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	7 594	6 519	6 681	7 589	8 290	7 582
Near and Middle East	2 788	3 120	2 025	2 429	3 319	3 070
Africa	5 112	3 867	5 835	5 292	6 096	5 219
<i>by country of origin:</i>						
Algeria	319	555	-	1 763	2 983	1 906
Irak	273	362	-	416	965	823
Iran	469	777	258	478	352	781
Kazakhstan	-	-	-	1 488	834	701
Kuwait	-	-	-	-	-	-
Libya	79	-	1 741	1 251	700	974
Mexico	944	818	668	669	1 077	670
Nigeria	3 637	2 579	2 988	2 146	1 288	1 172
Norway	799	518	640	532	247	380
Russia	1 268	579	1 481	813	-	136
Saudi Arabia	1 965	1 822	1 694	1 535	1 150	1 386
Syria	81	159	73	-	-	80
United Arab Emirates	-	-	-	-	852	-

4.2 Petroleum products

<i>in 1 000 t</i>	PORTUGAL					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	13 061	12 393	13 223	13 293	13 563	13 663
<i>among which:</i>						
Motor spirit	2 615	2 518	2 732	2 551	2 466	2 750
Kerosene and jet fuel	621	513	704	781	857	858
Naphtha	986	1 084	1 130	1 175	1 188	1 037
Gas/diesel oil	4 533	4 827	4 955	4 703	4 906	5 101
Residual fuel oil	2 703	2 358	2 388	2 969	2 653	2 920
Total imports	4 839	5 716	4 602	4 396	5 706	3 742
Total exports	1 355	1 373	1 675	1 983	2 367	3 387
Bunkers	483	493	591	672	591	649
Stock changes	-262	149	-404	436	-342	390
Gross inland consumption	2 739	3 999	1 932	2 177	2 406	96
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	451	411	481	352	553	417
United Kingdom	792	1 050	613	731	1 040	483
Norway	71	112	65	62	28	49
OPEC	564	790	591	325	191	206
Imports by product						
<i>among which:</i>						
Motor spirit	12	63	57	133	131	106
Kerosene and jet fuel	156	193	109	59	71	47
Gas/diesel oil	943	620	949	841	877	638
Residual fuel oil	1 313	2 111	1 010	645	1 548	571
Exports by product						
<i>among which:</i>						
Motor spirit	635	540	782	805	792	1 270
Kerosene and jet fuel	13	-	20	54	-	-
Gas/diesel oil	90	6	51	71	211	314
Residual fuel oil	195	319	352	476	766	1 177
Consumption						
Inputs to electricity plants	2 007	2 431	1 313	1 300	1 971	1 157
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	1 940	1 968	2 237	994	2 419	1 883
Final energy consumption	10 712	10 660	10 488	12 031	10 486	10 047
Industry						
<i>among which by product:</i>						
Gas/diesel oil	469	374	367	402	370	316
Residual fuel oil	1 292	770	815	543	379	353

<i>in 1 000 t</i>	PORTUGAL					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	31	29	29	19	39	37
Non-ferrous metals	14	1	1	10	-	-
Chemical industry	437	201	219	1 634	137	148
Non-met. mineral prod.	999	826	834	844	941	867
Food, drink, tobacco	213	209	219	192	166	194
Pulp, paper and print	248	165	182	67	80	73
Engineering & metal	34	38	42	37	36	36
Other industries	389	318	284	315	286	261
Transport	6 352	6 915	6 873	7 062	6 815	6 832
<i>among which:</i>						
Motor spirit	1 998	2 069	2 007	1 929	1 811	1 674
Jet fuel	735	722	759	818	858	898
Diesel oil	3 599	4 105	4 087	4 295	4 124	4 239
Services & households etc.	1 734	1 768	1 626	1 704	1 890	1 521
<i>among which:</i>						
Gas oil	1 080	781	852	817	967	662
Residual fuel oil	-	190	-	110	189	182
Stocks at end of period						
Crude oil and feedstocks	1 255	828	838	932	980	1 064
Petroleum products	2 202	2 059	2 463	2 027	2 369	1 979

5. Natural gas

<i>in TJ (GCV)</i>	PORTUGAL					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	104 769	126 847	122 968	153 733	181 102	170 340
Total exports	-	-	-	-	-	-
Stock changes	137	122	-328	-57	-6 620	-1 026
Gross inland consumption	104 906	126 969	122 640	153 676	174 482	169 314
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	93 143	109 956	100 816	97 138	112 022	85 964
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	11 626	16 891	22 152	56 595	69 080	84 376
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	55 325	70 586	65 545	92 439	107 403	98 651
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	784	3 705	4 134
Distribution losses	57	1 337	968	936	2 583	4 313
Non-energy use	-	-	-	-	-	-
Industry	38 653	42 652	42 709	44 020	44 469	44 846
<i>among which:</i>						
Iron&steel industry	1 050	1 301	1 585	1 590	1 919	2 024
Non-ferrous metals	263	307	309	341	355	386
Chemical industry	2 730	2 948	3 207	2 841	2 996	2 651
Non-met. mineral prod.	23 553	24 804	22 825	23 567	24 032	23 857
Food, drink, tobacco	2 055	2 389	3 067	3 083	3 095	3 717
Pulp, paper and print	803	1 175	1 667	1 351	1 771	1 950
Engineering & metal	1 663	1 881	2 059	2 238	2 332	2 371
Other industries	741	1 040	1 364	1 600	1 693	1 633
Transport	207	320	413	410	457	484
Services & households etc.	9 510	12 070	12 988	15 130	15 879	16 831
<i>among which:</i>						
Households	5 448	6 816	7 351	8 432	9 301	9 425
Services	3 970	5 111	5 478	6 544	6 400	7 212

6.1 Hard coal

<i>in 1 000 t</i>	PORTUGAL					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	4 807	5 667	5 344	5 247	5 272	5 782
Total exports	-	-	-	-	-	5
Stock changes	338	1	18	267	204	-310
Gross inland consumption	5 145	5 668	5 362	5 514	5 476	5 467
Imports						
Imports by origin						
<i>among which:</i>						
Australia	399	838	668	129	-	-
Colombia	1 815	1 583	1 945	2 817	2 314	3 239
Russia	28	-	-	-	-	22
South Africa	1 462	2 120	2 079	1 369	1 985	1 681
USA	529	114	354	467	378	202
Consumption						
Inputs to electricity plants	4 788	5 401	5 139	5 285	5 436	5 420
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	265	267	215	131	16	36
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	12	13	16	22
Non-met. mineral prod.	265	267	203	118	-	14
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

		PORTUGAL					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		67	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		548	-	-	-	-	-
Blast-furnace gas		435	-	-	-	-	-
Gasworks gas		219	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		64	21	10	8	5	4
<i>among which:</i>							
Iron & steel industry		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		75	-	-	-	-	-
Blast-furnace gas		134	-	-	-	-	-
Gasworks gas		211	-	-	-	-	-
Inputs to electricity plants		557	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		209	-	-	-	-	-
Consumption in industry		213	-	-	-	-	-

7. Renewable energy sources

		PORTUGAL					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	3 895	3 643	4 336	3 894	3 578	4 320
Hydro (excl. pumping)		1 207	671	1 352	849	407	946
Wind		22	31	43	70	152	252
Solar		19	20	21	21	23	24
Geothermal		64	84	78	78	66	88
Biomass		2 583	2 838	2 842	2 877	2 931	3 011
<i>among which:</i>							
Wood, wood-waste		2 582	2 655	2 652	2 683	2 713	2 731
Municipal solid waste		175	182	189	189	207	201
Biogas		1	1	1	4	10	9
Gross inland consumption		3 895	3 643	4 336	3 894	3 578	4 320
Inputs to electricity and heat production							
<i>in 1000 toe</i>							
Geothermal		64	83	77	77	65	77
Biomass		178	374	372	397	425	420
<i>among which:</i>							
Wood, wood-waste		177	191	182	203	208	210
Municipal waste		175	182	189	189	207	201
Biogas		1	1	1	4	10	9
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	2 424	2 484	2 491	2 502	2 529	2 625
<i>by sector:</i>							
Industry		1 255	1 314	1 320	1 321	1 341	1 361
Services & households etc.		1 169	1 171	1 171	1 180	1 188	1 195
Transport		-	-	-	-	0	70
<i>by source:</i>							
Biomass		2 405	2 464	2 470	2 480	2 505	2 591
<i>among which:</i>							
Wood, wood-waste		2 405	2 464	2 470	2 480	2 505	2 522
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	1	1	1	1	10
Electricity generation from RES							
<i>in GWh</i>							
Solar photovoltaics		1	2	3	3	3	5
Hydro with installed capacity < 1 MW		71	66	84	74	51	93
Hydro with installed capacity > 1 & <10 MW		911	851	1 078	677	444	966
Hydro with installed capacity > 10 MW		13 052	6 883	14 561	9 118	4 236	10 408
Wood, Wood-waste		1 086	1 208	1 223	1 265	1 350	1 380
Municipal waste		511	523	551	526	592	586
Biogas		3	3	3	15	35	33

		PORTUGAL					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		1	2	2	2	2	3
Hydro with installed capacity < 1 MW		27	28	30	29	28	28
Hydro with installed capacity > 1 & <10 MW		290	316	315	309	323	343
Hydro with installed capacity > 10 MW		3 646	3 646	3 646	3 977	4 146	4 157
Wood, Wood-waste		214	233	224	224	273	279
Municipal waste		64	71	71	71	77	77
Biogas		1	1	1	6	8	8
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	0	79
Solar Panels							
Solar panel surface	<i>1000 m²</i>	246	254	261	269	289	304

1. Energy economy

Key figures and energy indicators

		ROMÂNIA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	27 627	28 024	28 294	28 419	27 450	27 413
Net energy imports		9 480	9 136	10 216	11 944	10 814	11 888
Net oil imports		5 013	3 504	3 543	4 905	3 970	4 772
Net gas imports		2 308	3 130	4 237	4 112	4 190	4 791
Gross inland energy consumption		36 887	38 486	40 229	39 562	39 241	40 897
Final energy consumption		22 989	23 026	24 176	25 431	24 614	24 706
Industry		9 633	10 281	10 311	10 078	9 905	9 481
Transport		4 089	4 356	4 361	5 195	4 221	4 359
Services and households etc.		9 268	8 389	9 504	10 158	10 488	10 865
Gross electricity generation	GWh	53 866	54 935	56 645	56 482	59 413	62 698
Final electricity consumption		36 265	35 575	37 465	38 736	38 811	40 916
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	26 897	28 274	29 751	32 267	33 616	36 256
Population	1000 per.	22 431	21 834	21 773	21 711	21 659	21 610
Industry added value	Mio EUR	10 642	11 223	11 759	12 563	13 038	14 338
Total imports (current prices)	Mio EUR	17 351	19 441	22 552	27 526	31 936	39 083
among which:							
All energy commodities		:	:	:	:	:	:
Oil products		:	:	:	:	:	:
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 371.4	1 361.2	1 352.2	1 226.1	1 167.4	1 128.0
Final energy consumption / GDP(95)		854.7	814.4	812.6	788.1	732.2	681.4
Energy intensity of industry:							
Final consumption / gross value-added mp		905.2	916.1	876.8	802.2	759.7	661.3
Energy intensity of service sector:							
Final consumption / gross value-added mp		180.9	:	:	:	:	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 644	1 763	1 848	1 822	1 812	1 892
Final energy consumption / capita		1 025	1 055	1 110	1 171	1 136	1 143
Household consumption / capita		325	331	359	367	368	363
Final electricity consumption / capita	kWh/cap.	1 617	1 629	1 721	1 784	1 792	1 893
Energy dependency							
Net energy imports / Gross consumption	in %	25.7	23.7	25.4	30.2	27.6	29.1
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	62.3	59.8	60.1	64.3	62.7	60.4
Efficiency of thermal power stations		53.1	51.0	49.7	49.9	51.8	50.2

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>		ROMÂNIA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total		27 627	28 024	28 294	28 419	27 450	27 413
<i>among which:</i>	Hard coal	64	7	7	25	16	11
	Lignite and peat	5 635	6 091	6 530	6 182	5 777	6 469
	Crude oil	6 325	6 157	6 001	5 810	5 538	5 091
	Natural Gas	10 780	10 599	10 429	10 377	9 701	9 558
	Nuclear heat	1 405	1 422	1 266	1 431	1 433	1 453
	Hydro-electricity	1 283	1 380	1 140	1 420	1 737	1 578
	Biomass	2 130	2 351	2 903	3 160	3 229	3 235
Imports							
Total		12 809	14 121	14 127	16 681	17 197	17 749
<i>among which:</i>	Hard coal	1 763	2 394	1 616	2 231	2 419	2 226
	Crude oil and feedstocks	5 621	6 451	5 316	7 451	8 851	8 842
	Petroleum products	2 540	1 754	1 878	1 838	1 030	1 323
	Natural Gas	2 308	3 130	4 237	4 112	4 190	4 791
	Electricity	66	37	83	222	200	85
Exports							
Total		3 330	4 984	3 912	4 737	6 383	5 861
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	3 148	4 701	3 650	4 385	5 912	5 393
	Natural gas	-	-	-	-	-	-
	Electricity	179	283	262	324	449	452
Gross inland consumption							
Total		36 887	38 486	40 229	39 562	39 241	40 897
<i>among which:</i>	Solid fuels	7 610	8 791	9 329	9 150	8 769	9 488
	Crude oil and petrol. prod.	11 156	11 029	10 995	10 488	10 321	10 854
	Natural gas	13 180	13 629	14 729	13 937	13 942	14 608
	Nuclear Energy	1 405	1 422	1 266	1 431	1 433	1 453
	Renewables	3 423	3 749	4 002	4 567	4 940	4 781
Transformation input							
Total		29 116	29 809	28 930	28 549	29 646	30 536
<i>among which:</i>	Crude oil and feedstocks	12 635	13 756	12 564	13 316	15 142	14 676
	Petroleum products	2 593	1 838	1 604	1 016	849	775
	Hard coal	1 833	2 056	1 403	1 717	1 795	1 958
	Lignite and peat	5 962	5 866	6 718	5 978	5 796	6 833
	Renewables	9	85	16	67	21	90
Transformation output							
Total		21 843	22 762	21 501	21 919	23 565	23 382
<i>among which:</i>	Electricity	3 348	3 344	3 731	3 437	3 371	3 813
	Heat	4 581	3 737	3 615	3 235	2 998	2 948

<i>in 1 000 toe</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Final energy consumption						
Total	22 989	23 026	24 176	25 431	24 614	24 706
<i>among which:</i> Solid fuels	977	1 144	1 507	1 488	1 569	1 483
Petroleum products	6 187	6 398	6 021	7 416	6 607	6 362
Natural Gas	6 826	6 926	7 607	7 353	7 153	7 689
Renewables	2 122	2 272	2 836	3 059	3 183	3 056
Electricity	3 118	3 059	3 221	3 331	3 337	3 518
Final energy consumption by sector						
Industry						
Total	9 633	10 281	10 311	10 078	9 905	9 481
<i>among which:</i> Solid fuels	962	1 113	1 487	1 434	1 546	1 464
Petroleum Products	1 530	1 459	963	1 046	1 059	1 176
Natural Gas	4 231	4 428	4 561	4 101	4 035	3 516
Renewables	231	325	477	264	246	293
Electricity	1 785	1 952	1 921	2 163	2 036	2 087
Transport						
Total	4 089	4 356	4 361	5 195	4 221	4 359
<i>among which:</i> Motor spirit	1 662	1 831	1 646	2 376	1 628	1 513
Diesel oil	2 007	2 161	2 376	2 431	2 281	2 575
Jet fuel	114	101	123	141	113	141
Electricity	151	166	154	136	134	112
Services&households						
Total	9 268	8 389	9 504	10 158	10 488	10 865
<i>among which:</i> Solid fuels	14	31	20	53	23	19
Gas oil	339	404	367	590	336	315
Natural Gas	2 528	2 476	3 046	3 253	3 119	4 173
Renewables	1 891	1 947	2 359	2 795	2 937	2 763
Electricity	1 183	940	1 147	1 032	1 166	1 319
Heat	2 849	2 218	2 076	1 708	1 780	1 651

3.1 Electricity balance

<i>in GWh</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	53 866	54 935	56 645	56 482	59 413	62 698
<i>among which:</i>						
Hydro	14 923	16 046	13 259	16 513	20 207	18 356
Wind	-	-	-	-	-	1
Geothermal	-	-	-	-	-	-
Nuclear	5 446	5 513	4 906	5 548	5 555	5 632
Conventional thermal	33 497	33 376	38 480	34 421	33 651	38 709
<i>of which:</i>						
Hard coal	926	400	-	734	454	589
Lignite and peat	18 768	19 912	23 344	20 732	21 462	24 557
Petroleum products	5 405	3 578	3 633	2 199	1 894	1 606
Natural gas	8 073	9 166	11 201	10 462	9 612	11 831
Derived gases	325	317	299	290	222	122
Biomass	-	3	3	4	6	4
Industrial wastes	-	-	-	-	1	-
Total net generation	50 423	51 256	52 622	52 676	55 504	58 351
Imports and exports						
Total imports	767	436	962	2 584	2 321	989
Total exports	2 077	3 290	3 046	3 766	5 224	5 262
Consumption and losses						
Consumption of the energy branch	9 477	9 620	11 017	10 508	11 619	10 930
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	6 814	6 886	6 079	6 056	5 844	6 510
Final energy consumption	36 265	35 575	37 465	38 736	38 811	40 916
<i>of which:</i>						
Industry	20 754	22 706	22 337	25 156	23 684	24 277
<i>among which:</i>						
Iron&steel industry	7 271	6 966	7 220	8 544	8 463	8 499
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	3 422	3 859	3 696	3 526	3 417	4 320
Non-met. mineral prod.	1 594	1 715	1 038	2 056	2 088	3 138
Food, drink, tobacco	1 370	1 536	2 570	3 343	2 905	1 418
Pulp, paper and print	718	694	812	707	542	655
Engineering & metal	2 721	3 148	2 827	2 609	2 338	2 526
Other industries	2 191	2 968	2 591	2 869	2 806	2 556
Transport	1 756	1 936	1 793	1 578	1 562	1 298
Services & households etc.	13 755	10 933	13 335	12 002	13 565	15 341
<i>among which:</i>						
Households	7 724	7 771	8 243	8 043	9 234	9 999

3.2 Electrical capacity, fuel inputs and heat

		ROMÂNIA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	20 864	19 588	19 369	19 624	18 951	19 224
by source:							
Conventional thermal		14 035	12 639	12 414	12 638	11 954	12 234
of which:							
Steam		13 883	12 558	12 347	12 557	11 846	12 037
Gas turbine		-	-	-	-	-	-
Combined cycle		-	-	-	-	-	-
Internal combustion		152	81	67	81	108	197
Nuclear		707	707	707	707	707	707
Hydro		6 122	6 242	6 248	6 279	6 289	6 282
among which:							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	1	1
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		20 083	18 893	18 794	19 015	18 323	18 329
Autoproducers		781	695	575	610	627	894
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	11 609	10 840	12 028	10 694	10 103	11 361
among which:							
Hard coal		308	168	-	221	197	249
Lignite and peat		5 939	5 842	6 687	5 959	5 786	6 823
Petroleum products		2 402	1 631	1 428	873	775	584
Natural gas		2 837	3 065	3 801	3 539	3 287	3 653
Renewables		0	11	2	2	2	5
Heating plants		1 504	1 365	1 096	1 032	825	831
among which:							
Hard coal		13	6	-	5	3	1
Lignite and peat		23	23	31	20	10	10
Petroleum products		191	207	176	142	74	190
Natural gas		1 250	1 050	875	798	717	544
Renewables		9	75	14	65	19	85
Heat production and consumption							
Total heat production	1 000 toe	4 581	3 737	3 615	3 235	2 998	2 948
among which: in heating plants		1 294	1 078	941	854	657	568
Heat consumption		3 289	2 665	2 419	2 187	2 135	1 993
of which: in industry		440	447	343	479	355	343
in households and services		2 849	2 218	2 076	1 708	1 780	1 651
among which: in households		2 504	2 069	1 896	1 592	1 466	1 393

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	6 238	6 072	5 890	5 705	5 437	4 996
Total imports	5 544	6 362	5 217	7 317	8 689	8 678
Total exports	-	-	-	-	-	-
Stock changes	37	-37	94	-240	-35	80
Refinery intake	12 461	13 565	12 336	13 077	14 867	14 407
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	266	-	-	-	226	651
Near and Middle East	354	324	-	-	226	651
Africa	75	-	-	-	50	146
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	266	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	714	1 566	825	1 977	3 111	3 329
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	3 152	3 365	4 322	4 589	4 854	4 161
Saudi Arabia	-	-	-	-	-	-
Syria	88	324	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	12 152	13 453	12 040	13 077	14 867	14 407
<i>among which:</i>						
Motor spirit	2 734	3 572	3 297	3 422	4 238	4 146
Kerosene and jet fuel	305	173	191	222	247	260
Naphtha	639	670	460	639	507	582
Gas/diesel oil	4 199	4 689	3 988	4 170	4 709	4 593
Residual fuel oil	1 797	2 050	1 562	1 559	1 707	1 303
Total imports	2 679	1 844	1 934	1 928	1 085	1 393
Total exports	3 096	4 576	3 550	4 278	5 782	5 249
Bunkers	-	-	-	-	-	-
Stock changes	-253	-1	76	-227	207	215
Gross inland consumption	-670	-2 733	-1 540	-2 577	-4 490	-3 641
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	1	2	2	2	2
United Kingdom	2	3	9	5	11	7
Norway	-	4	19	20	20	23
OPEC	39	47	-	43	-	5
Imports by product						
<i>among which:</i>						
Motor spirit	18	28	74	86	63	66
Kerosene and jet fuel	21	17	40	41	20	1
Gas/diesel oil	67	222	500	433	191	252
Residual fuel oil	2 186	1 204	947	671	335	473
Exports by product						
<i>among which:</i>						
Motor spirit	1 009	1 980	1 726	1 963	2 715	2 791
Kerosene and jet fuel	75	44	84	91	106	95
Gas/diesel oil	1 494	2 122	1 350	1 591	1 900	1 603
Residual fuel oil	222	177	219	411	727	395
Consumption						
Inputs to electricity plants	2 498	1 700	1 494	913	808	606
Inputs to heating plants	193	209	178	144	75	197
Non-energy use	1 464	1 575	1 470	1 741	1 570	1 708
Final energy consumption	6 025	6 202	5 817	7 148	6 390	6 175
Industry						
<i>among which by product:</i>						
Gas/diesel oil	534	494	382	334	360	382
Residual fuel oil	768	393	257	334	294	371

<i>in 1 000 t</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	187	149	125	158	212	250
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	434	424	257	314	291	216
Non-met. mineral prod.	241	84	15	34	30	86
Food, drink, tobacco	148	178	98	101	70	95
Pulp, paper and print	34	23	25	23	10	9
Engineering & metal	120	112	113	43	47	42
Other industries	248	265	235	242	328	402
Transport	3 756	4 042	4 085	4 891	3 961	4 125
<i>among which:</i>						
Motor spirit	1 581	1 742	1 566	2 261	1 549	1 440
Jet fuel	111	98	120	137	110	137
Diesel oil	1 973	2 124	2 335	2 389	2 242	2 531
Services & households etc.	747	733	807	1 252	1 407	902
<i>among which:</i>						
Gas oil	333	397	361	580	330	310
Residual fuel oil	4	5	19	95	215	111
Stocks at end of period						
Crude oil and feedstocks	497	673	579	815	850	733
Petroleum products	1 285	1 270	1 194	1 423	1 216	1 001

5. Natural gas

<i>in TJ (GCV)</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	501 496	493 064	485 135	482 759	451 305	444 656
Total imports	107 387	145 601	197 100	191 269	194 935	222 880
Total exports	-	-	-	-	-	-
Stock changes	4 242	-4 656	2 974	-25 664	2 346	12 013
Gross inland consumption	613 125	634 009	685 209	648 364	648 586	679 549
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	107 387	145 601	177 283	191 269	194 935	209 425
Consumption						
Inputs to electricity plants	131 989	142 582	176 832	164 623	152 891	169 925
Inputs to heat plants	58 161	48 864	40 694	37 146	33 334	25 309
Consumption of energy branch	52 820	73 150	64 283	52 024	49 821	40 018
Distribution losses	17 336	19 045	23 733	19 873	26 478	40 993
Non-energy use	35 282	27 631	25 669	29 877	49 910	33 767
Industry	196 822	205 979	212 185	190 773	187 687	163 566
<i>among which:</i>						
Iron&steel industry	36 210	31 724	31 231	33 982	30 136	29 351
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	69 400	78 882	100 307	72 653	71 601	60 166
Non-met. mineral prod.	27 380	36 107	22 820	24 806	24 592	22 710
Food, drink, tobacco	20 881	13 027	14 913	16 075	27 497	12 820
Pulp, paper and print	5 171	5 825	6 566	4 185	5 129	4 124
Engineering & metal	23 138	22 485	16 534	17 167	14 551	16 296
Other industries	6 881	7 244	9 729	13 732	9 244	10 287
Transport	3 120	1 020	-	-	-	-
Services & households etc.	117 595	115 197	141 703	151 311	145 076	194 148
<i>among which:</i>						
Households	92 799	109 407	119 146	118 324	107 027	118 514
Services	24 091	4 267	21 502	31 386	36 362	74 253

6.1 Hard coal

<i>in 1 000 t</i>	ROMÂNIA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	121	13	10	53	32	21
Total imports	2 725	3 673	2 462	3 462	3 754	3 459
Total exports	-	-	-	-	-	8
Stock changes	65	-217	138	-92	-108	56
Gross inland consumption	2 911	3 469	2 610	3 423	3 678	3 528
Imports						
Imports by origin						
<i>among which:</i>						
Australia	174	151	118	-	-	72
Colombia	144	-	-	-	-	-
Russia	1 626	2 147	1 306	2 203	1 824	1 383
South Africa	409	306	-	-	-	166
USA	-	-	-	315	971	1 079
Consumption						
Inputs to electricity plants	549	292	-	382	337	425
Inputs to heat plants	23	10	-	9	5	2
Consumption of energy branch	20	10	3	5	6	3
Industry	14	8	353	310	581	476
<i>among which:</i>						
Iron&steel industry	-	1	346	267	520	419
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	7	-	-	38	61	57
Non-met. mineral prod.	5	7	7	2	-	-
Food, drink, tobacco	-	-	-	3	-	-
Pulp, paper and print	1	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	1	-	-	-	-	-
Services & households etc.	2	3	-	29	16	-

6.2 Coal derivatives and peat

		ROMÂNIA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 413	1 866	1 638	1 675	1 891	1 790
Patent Fuel		-	-	-	-	-	-
Lignite and peat		33 168	30 415	33 053	31 739	31 074	34 911
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		9 590	12 775	10 161	11 323	12 589	12 503
Blast-furnace gas		20 423	24 624	24 972	26 514	24 815	22 981
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 327	1 595	1 756	1 780	1 679	1 681
<i>among which:</i>							
Iron & steel industry		1 245	1 483	1 658	1 707	1 654	1 659
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		772	759	682	802	740	731
<i>among which:</i>							
Industry		697	614	579	600	664	632
Services & households		75	145	102	202	76	99
Brown coal briquettes		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		4 472	6 192	4 461	4 912	5 606	6 115
Blast-furnace gas		12 419	14 145	16 869	17 453	18 721	17 818
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		5 187	5 037	4 553	4 201	2 372	1 987
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		7 066	11 099	8 367	9 712	9 115	8 081
Consumption in industry		16 891	20 337	21 330	22 365	24 327	23 933

7. Renewable energy sources

		ROMÂNIA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	3 419	3 748	4 061	4 594	4 984	4 831
Hydro (excl. pumping)		1 283	1 380	1 140	1 420	1 737	1 578
Wind		-	-	-	-	-	0
Solar		-	-	-	-	-	-
Geothermal		5	17	18	13	18	18
Biomass		2 130	2 351	2 903	3 160	3 229	3 235
	<i>among which:</i>						
Wood, wood-waste		2 130	2 351	2 903	3 160	3 229	3 235
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Gross inland consumption		3 423	3 749	4 002	4 567	4 940	4 781
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	2	0	1	1	4
Biomass		9	83	16	65	20	86
	<i>among which:</i>						
Wood, wood-waste		9	83	16	65	20	86
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	2 122	2 272	2 836	3 059	3 183	3 056
	<i>by sector:</i>						
Industry		231	325	477	264	246	293
Services & households etc.		1 891	1 947	2 359	2 795	2 937	2 763
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		2 116	2 257	2 818	3 047	3 166	3 042
	<i>among which:</i>						
Wood, wood-waste		2 116	2 257	2 818	3 047	3 166	3 042
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		5	15	18	12	17	13
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	54	72	86	77	71
Hydro with installed capacity > 1 & <10 MW		-	382	398	688	675	622
Hydro with installed capacity > 10 MW		14 923	15 610	12 789	15 914	19 530	17 662
Wood, Wood-waste		-	-	3	4	6	4
Municipal waste		-	-	-	-	-	-
Biogas		-	3	-	-	-	-

		ROMÂNIA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		:	70	74	64	63	56
Hydro with installed capacity > 1 & <10 MW		:	276	274	255	262	269
Hydro with installed capacity > 10 MW		:	5 896	5 900	5 959	5 964	5 957
Wood, Wood-waste		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					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	3 146	3 356	3 245	3 435	3 479	3 415
Net energy imports		3 390	3 455p	3 699p	3 722p	3 825p	3 838p
Net oil imports		2 433	2 430	2 479	2 560	2 604	2 628
Net gas imports		845	815	902	894	925	896
Gross inland energy consumption		6 746	6 879p	6 923p	7 129p	7 299p	7 342p
Final energy consumption		4 581	4 594p	4 688p	4 794p	4 892p	4 945p
Industry		1 336	1 264p	1 500p	1 533p	1 657p	1 699p
Transport		1 362	1 321	1 340	1 384	1 475	1 554
Services and households etc.		1 882	2 010	1 848	1 877	1 760	1 692
Gross electricity generation	GWh	14 466	14 599	13 820	15 271	15 117	15 115
Final electricity consumption		10 942	11 689	12 047	12 546	12 742	13 165
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	20 029	20 762	21 346	22 294	23 219	24 547
Population	1000 per.	1 990	1 994	1 995	1 996	1 998	2 003
Industry added value	Mio EUR	6 139	6 433	6 729	6 963	7 234	7 898
Total imports (current prices)	Mio EUR	12 228	12 827	13 682	15 503	16 534	18 547
among which:							
All energy commodities		:	:	:	850	1 695	2 096
Oil products		:	:	:	617	1 142	1 338
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	336.8	331.3	324.3	319.8	314.4	299.1
Final energy consumption / GDP(95)		228.7	221.3	219.6	215.0	210.7	201.5
Energy intensity of industry:							
Final consumption / gross value-added mp		217.6	196.5	222.9	220.2	229.0	215.2
Energy intensity of service sector:							
Final consumption / gross value-added mp		72.2	71.7	47.7	48.9	41.6	36.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 390	3 450	3 470	3 571	3 654	3 665
Final energy consumption / capita		2 302	2 304	2 350	2 401	2 449	2 468
Household consumption / capita		562	585	626	621	594	578
Final electricity consumption / capita	kWh/cap.	5 498	5 862	6 039	6 284	6 379	6 571
Energy dependency							
Net energy imports / Gross consumption	in %	50.3	50.2	53.4	52.2	52.3	52.1
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	67.9	66.8	67.7	67.2	67.0	67.4
Efficiency of thermal power stations		41.6	41.2	43.2	43.4	44.2	43.9

2. Energy balance

Principal aggregates by product

		SLOVENIJA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		3 146	3 356	3 245	3 435	3 479	3 415
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	1 008	1 175	1 184	1 201	1 184	1 210
	Crude oil	-	-	-	-	-	-
	Natural Gas	5	5	4	4	3	3
	Nuclear heat	1 356	1 426	1 343	1 408	1 518	1 431
	Hydro-electricity	326	285	254	352	298	309
	Biomass	450	465	460	470	476	462
Imports							
Total		3 976	3 997p	4 298p	4 476p	4 702p	4 867p
<i>among which:</i>	Hard coal	223	266	269	317	295	296
	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	2 594	2 549	2 572	2 680	2 822	3 031
	Natural Gas	845	815	902	894	925	896
	Electricity	271	326	514	543	622	608
Exports							
Total		585	543	599	754	877	1 029
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	161	119	93	119	218	403
	Natural gas	-	-	-	-	-	-
	Electricity	424	424	500	610	650	604
Gross inland consumption							
Total		6 746	6 879p	6 923p	7 129p	7 299p	7 342p
<i>among which:</i>	Solid fuels	1 431	1 568p	1 490p	1 535p	1 539p	1 565p
	Crude oil and petrol. prod.	2 485	2 413	2 446	2 522	2 554	2 658
	Natural gas	850	820	907	899	929	899
	Nuclear Energy	1 356	1 426	1 343	1 408	1 518	1 431
	Renewables	776	749	714	822	774	768
Transformation input							
Total		2 922	3 069	2 918	2 994	3 115	3 056
<i>among which:</i>	Crude oil and feedstocks	1	1	1	1	1	1
	Petroleum products	36	19	16	14	14	18
	Hard coal	181	208	207	214	213	205
	Lignite and peat	1 193	1 255	1 167	1 191	1 198	1 239
	Renewables	25	33	36	40	37	36
Transformation output							
Total		1 142	1 184	1 164	1 194	1 245	1 222
<i>among which:</i>	Electricity	917	970	934	961	1 002	991
	Heat	223	212	228	232	241	230

		SLOVENIJA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		4 581	4 594p	4 688p	4 794p	4 892p	4 945p
<i>among which:</i>	Solid fuels	87	103p	86p	78p	80p	79p
	Petroleum products	2 331	2 280	2 315	2 337	2 404	2 449
	Natural Gas	600	590	633	666	665	657
	Renewables	425	431	423	430	440	423
	Electricity	941	1 005	1 036	1 079	1 096	1 132
Final energy consumption by sector							
Industry							
Total		1 336	1 264p	1 500p	1 533p	1 657p	1 699p
<i>among which:</i>	Solid fuels	86	97p	82p	77p	80p	79p
	Petroleum Products	214	140	192	198	232	261
	Natural Gas	458	431	499	511	541	550
	Renewables	64	70	97	104	113	95
	Electricity	489	501	566	581	617	640
Transport							
Total		1 362	1 321	1 340	1 384	1 475	1 554
<i>among which:</i>	Motor spirit	837	802	783	697	685	668
	Diesel oil	477	475	516	651	750	842
	Jet fuel	27	29	26	20	23	25
	Electricity	22	15	15	16	17	17
Services&households							
Total		1 882	2 010	1 848	1 877	1 760	1 692
<i>among which:</i>	Solid fuels	1	6	4	0	-	-
	Gas oil	666	725	705	697	633	589
	Natural Gas	142	159	134	155	124	107
	Renewables	361	361	326	326	327	326
	Electricity	430	489	454	482	462	475
	Heat	171	160	131	142	134	131

3.1 Electricity balance

<i>in GWh</i>	SLOVENIJA					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	14 466	14 599	13 820	15 271	15 117	15 115
<i>among which:</i>						
Hydro	3 796	3 313	2 957	4 094	3 461	3 591
Wind	-	-	-	-	-	-
Geothermal	-	-	-	-	-	-
Nuclear	5 257	5 528	5 207	5 459	5 884	5 548
Conventional thermal	5 413	5 758	5 656	5 718	5 772	5 976
<i>of which:</i>						
Hard coal	352	494	508	525	519	504
Lignite and peat	4 567	4 808	4 600	4 666	4 752	4 932
Petroleum products	126	66	50	43	42	52
Natural gas	296	288	370	358	339	371
Derived gases	-	-	-	-	-	-
Biomass	72	102	122	121	114	110
Industrial wastes	-	-	6	5	6	7
Total net generation	13 591	13 693	12 895	14 308	14 149	14 117
Imports and exports						
Total imports	3 154	3 794	5 975	6 314	7 234	7 071
Total exports	4 926	4 928	5 811	7 094	7 558	7 020
Consumption and losses						
Consumption of the energy branch	1 023	1 039	1 081	1 095	1 097	1 131
<i>of which:</i>						
Consumption for pumped-storage	-	-	-	-	-	-
Network losses	729	737	856	850	954	870
Final energy consumption	10 942	11 689	12 047	12 546	12 742	13 165
<i>of which:</i>						
Industry	5 685	5 827	6 588	6 755	7 172	7 440
<i>among which:</i>						
Iron&steel industry	929	860	644	657	750	819
Non-ferrous metals	1 182	1 494	1 757	1 798	1 911	1 838
Chemical industry	430	479	897	903	852	832
Non-met. mineral prod.	457	412	470	443	461	492
Food, drink, tobacco	264	254	300	284	296	352
Pulp, paper and print	679	669	684	734	753	744
Engineering & metal	775	764	889	945	1 035	1 162
Other industries	629	603	626	683	816	885
Transport	255	172	179	190	198	198
Services & households etc.	5 002	5 690	5 280	5 601	5 372	5 527
<i>among which:</i>						
Households	2 675	2 704	3 008	3 012	2 951	3 055

3.2 Electrical capacity, fuel inputs and heat

		SLOVENIJA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	<i>MW</i>	2 899	2 943	2 970	2 965	2 992	3 039
by source:							
Conventional thermal		1 337	1 338	1 340	1 335	1 357	1 364
<i>of which:</i>							
Steam		1 003	1 027	1 001	997	1 003	1 002
Gas turbine		319	298	319	318	321	321
Combined cycle		-	-	-	-	-	-
Internal combustion		15	12	19	20	33	37
Nuclear		656	656	656	656	656	666
Hydro		906	949	974	974	979	1 009
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		2 691	2 757	2 784	2 782	2 810	2 858
Autoproducers		208	186	186	183	182	181
Fuel consumption in electricity and heat production							
Conventional thermal power plants	<i>1 000 toe</i>	1 486	1 560	1 488	1 505	1 507	1 550
<i>among which:</i>							
Hard coal		181	208	207	214	213	205
Lignite and peat		1 193	1 255	1 167	1 191	1 198	1 239
Petroleum products		32	14	11	9	9	11
Natural gas		64	59	75	63	58	67
Renewables		16	25	27	29	29	28
Heating plants		79	81	86	79	89	74
<i>among which:</i>							
Hard coal		-	-	-	-	0	0
Lignite and peat		-	-	-	-	-	-
Petroleum products		4	5	5	5	5	7
Natural gas		67	68	72	63	76	59
Renewables		8	8	9	11	8	8
Heat production and consumption							
Total heat production	<i>1 000 toe</i>	223	212	228	232	241	230
<i>among which: in heating plants</i>							
		71	65	72	71	72	63
Heat consumption		197	185	189	195	196	189
<i>of which: in industry</i>							
		27	25	58	53	62	58
<i>in households and services</i>							
		171	160	131	142	134	131
<i>among which: in households</i>							
		104	97	100	107	109	101

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	SLOVENIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	-	-	-	-	-	-
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Refinery intake	1	1	1	1	1	1
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

<i>in 1 000 t</i>	SLOVENIJA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	1	1	1	1	1	1
<i>among which:</i>						
Motor spirit	-	-	-	-	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Naphtha	-	-	-	-	-	-
Gas/diesel oil	-	-	-	-	-	-
Residual fuel oil	-	-	-	-	-	-
Total imports	2 531	2 485	2 515	2 640	2 782	2 996
Total exports	158	116	91	116	212	394
Bunkers	-	-	-	-	22	30
Stock changes	50	-17	-32	-38	-28	57
Gross inland consumption	2 423	2 352	2 392	2 486	2 520	2 629
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	1	1	2	1	13
United Kingdom	-	-	1	26	-	4
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	807	779	783	719	730	701
Kerosene and jet fuel	30	35	30	23	22	26
Gas/diesel oil	1 369	1 377	1 394	1 520	1 641	1 798
Residual fuel oil	110	82	63	52	65	84
Exports by product						
<i>among which:</i>						
Motor spirit	30	18	27	30	62	75
Kerosene and jet fuel	1	6	2	1	-	1
Gas/diesel oil	120	87	55	81	141	298
Residual fuel oil	1	-	-	-	-	-
Consumption						
Inputs to electricity plants	32	14	11	9	9	11
Inputs to heating plants	4	5	5	5	5	7
Non-energy use	124	120	124	191	179	207
Final energy consumption	2 263	2 213	2 253	2 281	2 350	2 398
Industry						
<i>among which by product:</i>						
Gas/diesel oil	120	80	109	100	111	134
Residual fuel oil	82	50	41	47	59	43

<i>in 1 000 t</i>	SLOVENIJA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	1	1	1	1	3	4
Non-ferrous metals	5	4	5	4	5	6
Chemical industry	6	5	16	11	14	13
Non-met. mineral prod.	54	22	49	53	58	78
Food, drink, tobacco	35	32	32	33	30	36
Pulp, paper and print	1	1	1	13	30	12
Engineering & metal	21	16	32	26	28	35
Other industries	68	46	43	49	60	77
Transport	1 291	1 258	1 277	1 322	1 411	1 488
<i>among which:</i>						
Motor spirit	796	763	745	663	652	636
Jet fuel	26	28	25	19	22	24
Diesel oil	469	467	507	640	737	828
Services & households etc.	758	815	780	753	698	637
<i>among which:</i>						
Gas oil	655	713	693	685	622	579
Residual fuel oil	19	21	11	-	1	-
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	99	116	148	187	213	156

5. Natural gas

<i>in TJ (GCV)</i>	SLOVENIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	240	240	199	201	160	160
Total imports	39 299	37 898	41 982	41 608	43 049	41 673
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	39 539	38 138	42 181	41 809	43 209	41 833
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	15 712	15 182	16 772	16 620	17 189	13 460
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	23 587	22 716	25 118	24 912	25 746	21 337
Consumption						
Inputs to electricity plants	2 984	2 743	3 476	2 917	2 705	3 107
Inputs to heat plants	3 111	3 163	3 339	2 951	3 549	2 732
Consumption of energy branch	240	240	199	201	160	160
Distribution losses	-	-	-	-	-	-
Non-energy use	5 300	4 543	5 729	4 762	5 869	5 260
Industry	21 288	20 032	23 214	23 759	25 158	25 584
<i>among which:</i>						
Iron&steel industry	3 058	2 724	3 067	3 235	3 554	3 464
Non-ferrous metals	646	610	790	838	881	941
Chemical industry	2 670	2 454	2 813	3 143	2 482	2 481
Non-met. mineral prod.	4 416	3 842	3 935	4 224	4 726	5 291
Food, drink, tobacco	1 540	1 480	2 445	1 407	1 460	1 719
Pulp, paper and print	2 974	3 694	4 422	4 841	5 020	4 544
Engineering & metal	2 083	2 122	2 516	2 928	3 500	3 440
Other industries	1 995	1 664	1 581	1 609	2 034	2 080
Transport	-	-	-	-	-	-
Services & households etc.	6 616	7 417	6 224	7 219	5 768	4 990
<i>among which:</i>						
Households	2 878	3 180	4 013	4 560	4 581	4 346
Services	3 738	4 237	2 211	2 659	1 187	644

6.1 Hard coal

<i>in 1 000 t</i>	SLOVENIJA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	447	572	568	629	593	605
Total exports	-	-	11	49	20	34
Stock changes	38	-	42	14	39	-3
Gross inland consumption	485	572	599	594	612	568
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	-	-	13	13	36	34
South Africa	-	-	-	-	-	-
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	402	463	477	478	488	453
Inputs to heat plants	-	-	-	-	1	1
Consumption of energy branch	-	-	-	-	-	-
Industry	81	106	108	102	113	104
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	11	-	-	-	-
Non-met. mineral prod.	-	22	41	32	39	37
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	65	69	65	70	73	66
Engineering & metal	5	-	-	-	-	-
Other industries	11	2	2	-	1	1
Services & households etc.	2	3	1	1	-	-

6.2 Coal derivatives and peat

		SLOVENIJA					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
Lignite and peat		4 133	4 686	4 830	4 809	4 540	4 522
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		60	53	34	32	31	34
<i>among which:</i>							
Iron & steel industry		4	5	6	-	8	11
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		8	22	15	-	-	-
<i>among which:</i>							
Industry		6	2	-	-	-	-
Services & households		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					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	776	749	714	822	774	771
Hydro (excl. pumping)		326	285	254	352	298	309
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		450	465	460	470	476	462
	<i>among which:</i>						
Wood, wood-waste		446	460	454	463	469	449
Municipal solid waste		-	-	-	-	-	-
Biogas		4	5	6	7	7	8
Gross inland consumption		776	749	714	822	774	768
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		25	33	36	40	37	36
	<i>among which:</i>						
Wood, wood-waste		21	30	32	35	31	30
Municipal waste		-	-	-	-	-	-
Biogas		3	4	5	5	5	6
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	425	431	423	430	440	423
	<i>by sector:</i>						
Industry		64	70	97	104	113	95
Services & households etc.		361	361	326	326	327	326
Transport		-	-	-	-	-	2
	<i>by source:</i>						
Biomass		425	431	423	430	440	423
	<i>among which:</i>						
Wood, wood-waste		424	430	422	428	438	419
Municipal waste		-	-	-	-	-	-
Biogas		1	1	1	2	1	2
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		197	165	140	238	236	274
Hydro with installed capacity > 1 & <10 MW		174	162	126	199	147	151
Hydro with installed capacity > 10 MW		3 425	2 986	2 690	3 658	3 078	3 166
Wood, Wood-waste		57	84	98	90	82	76
Municipal waste		-	-	-	-	-	-
Biogas		15	18	24	30	32	35

		SLOVENIJA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		107	116	115	106	107	108
Hydro with installed capacity > 1 & <10 MW		40	40	36	37	36	36
Hydro with installed capacity > 10 MW		759	803	831	831	836	866
Wood, Wood-waste		15	15	13	13	13	14
Municipal waste		-	-	-	-	-	-
Biogas		3	3	3	5	5	6
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	6
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	6 366	6 485	6 281	6 152	6 251	6 302
Net energy imports		12 230	12 578	12 651	13 204	12 488	12 048
Net oil imports		2 886	3 322	3 200	3 332	3 320	3 482
Net gas imports		6 214	6 324	5 993	6 290	5 754	5 193
Gross inland energy consumption		19 259	19 327	19 235	19 131	19 061	18 833
Final energy consumption		10 924	11 124	10 710	10 855	10 614	10 680
Industry		3 932	4 190	4 355	4 376	4 471	4 513
Transport		1 478	1 798	1 610	1 592	1 796	1 832
Services and households etc.		5 514	5 135	4 744	4 886	4 348	4 335
Gross electricity generation	GWh	32 046	32 427	31 178	30 567	31 455	31 368
Final electricity consumption		23 452	22 760	22 985	24 027	22 850	23 585
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	18 260	19 130	20 042	21 085	22 470	24 388
Population	1000 per.	5 379	5 379	5 379	5 380	5 385	5 389
Industry added value	Mio EUR	6 135	6 624	7 423	8 455	9 149	10 136
Total imports (current prices)	Mio EUR	15 456	16 131	17 332	18 776	21 804	25 664
among which:							
All energy commodities		:	:	:	2 019	3 668	4 776
Oil products		:	:	:	1 026	2 060	2 751
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	1 054.7	1 010.3	959.8	907.3	848.3	772.2
Final energy consumption / GDP(95)		598.3	581.5	534.4	514.8	472.4	437.9
Energy intensity of industry:							
Final consumption / gross value-added mp		641.0	632.6	586.8	517.6	488.7	445.3
Energy intensity of service sector:							
Final consumption / gross value-added mp		236.4	208.6	182.3	213.2	165.2	171.8
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 581	3 593	3 576	3 556	3 540	3 495
Final energy consumption / capita		2 031	2 068	1 991	2 018	1 971	1 982
Household consumption / capita		569	553	523	495	470	430
Final electricity consumption / capita	kWh/cap.	4 360	4 231	4 273	4 466	4 243	4 376
Energy dependency							
Net energy imports / Gross consumption	in %	63.5	65.1	65.8	69.0	65.5	64.0
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	56.7	57.6	55.7	56.7	55.7	56.7
Efficiency of thermal power stations		52.7	56.3	52.6	55.0	54.2	53.8

2. Energy balance

Principal aggregates by product

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		6 366	6 485	6 281	6 152	6 251	6 302
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	980	934	819	817	637	562
	Crude oil	56	53	49	43	35	32
	Natural Gas	151	145	166	142	126	176
	Nuclear heat	4 412	4 631	4 608	4 392	4 573	4 646
	Hydro-electricity	424	453	299	353	399	378
	Biomass	336	260	331	397	473	501
Imports							
Total		16 485	16 896	17 041	18 126	17 556	17 373
<i>among which:</i>	Hard coal	3 246	3 064	3 258	3 399	3 481	3 116
	Crude oil and feedstocks	5 581	5 713	5 760	6 193	5 573	5 873
	Petroleum products	555	883	818	1 097	1 337	1 310
	Natural Gas	6 214	6 324	5 996	6 290	6 065	5 687
	Electricity	521	577	741	751	688	739
Exports							
Total		4 255	4 317	4 391	4 922	5 069	5 325
<i>among which:</i>	Crude oil and feedstocks	17	14	71	181	139	154
	Petroleum products	3 233	3 260	3 306	3 777	3 451	3 546
	Natural gas	-	-	3	-	311	494
	Electricity	838	934	935	911	969	939
Gross inland consumption							
Total		19 259	19 327	19 235	19 131	19 061	18 833
<i>among which:</i>	Solid fuels	4 421	4 281	4 604	4 519	4 231	4 449
	Crude oil and petrol. prod.	3 229	3 679	3 430	3 503	3 758	3 680
	Natural gas	6 716	6 321	6 136	6 111	5 921	5 378
	Nuclear Energy	4 412	4 631	4 608	4 392	4 573	4 646
	Renewables	763	724	633	742	825	859
Transformation input							
Total		16 474	16 253	16 764	16 778	16 389	16 454
<i>among which:</i>	Crude oil and feedstocks	6 383	6 407	6 346	6 803	6 388	6 432
	Petroleum products	92	95	120	104	101	107
	Hard coal	2 499	2 429	2 616	2 576	2 573	2 582
	Lignite and peat	920	675	992	809	723	695
	Renewables	65	54	66	73	99	154
Transformation output							
Total		12 001	11 878	12 134	12 416	12 081	12 150
<i>among which:</i>	Electricity	2 315	2 317	2 365	2 266	2 296	2 308
	Heat	1 397	1 219	1 327	1 286	1 255	1 117

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		10 924	11 124	10 710	10 855	10 614	10 680
<i>among which:</i>	Solid fuels	1 283	1 428	1 386	1 715	1 511	1 629
	Petroleum products	1 914	2 305	2 023	1 990	2 192	2 128
	Natural Gas	3 991	3 785	3 587	3 318	3 233	3 268
	Renewables	274	217	268	315	327	326
	Electricity	2 017	1 957	1 976	2 066	1 965	2 028
Final energy consumption by sector							
Industry							
Total		3 932	4 190	4 355	4 376	4 471	4 513
<i>among which:</i>	Solid fuels	1 035	1 110	1 267	1 482	1 446	1 509
	Petroleum Products	366	411	341	298	312	250
	Natural Gas	1 061	1 249	1 005	855	969	954
	Renewables	229	209	262	275	277	241
	Electricity	832	775	881	922	949	1 021
Transport							
Total		1 478	1 798	1 610	1 592	1 796	1 832
<i>among which:</i>	Motor spirit	639	752	697	638	683	638
	Diesel oil	706	932	811	860	1 004	1 058
	Jet fuel	31	46	34	27	39	40
	Electricity	66	62	62	61	49	45
Services&households							
Total		5 514	5 135	4 744	4 886	4 348	4 335
<i>among which:</i>	Solid fuels	248	318	118	233	65	120
	Gas oil	122	84	74	80	81	71
	Natural Gas	2 927	2 535	2 578	2 458	2 256	2 310
	Renewables	11	5	4	39	38	39
	Electricity	1 118	1 120	1 033	1 083	967	962
	Heat	1 037	995	871	905	869	763

3.1 Electricity balance

<i>in GWh</i>	SLOVENSKO					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	32 046	32 427	31 178	30 567	31 455	31 368
<i>among which:</i>						
Hydro	5 117	5 483	3 672	4 207	4 741	4 566
Wind	-	-	2	6	7	6
Geothermal	-	-	-	-	-	-
Nuclear	17 103	17 953	17 864	17 026	17 727	18 012
Conventional thermal	9 826	8 991	9 640	9 328	8 980	8 784
<i>of which:</i>						
Hard coal	3 184	3 141	3 553	3 342	3 520	3 365
Lignite and peat	2 638	2 014	2 413	2 339	2 016	1 944
Petroleum products	690	704	708	737	741	722
Natural gas	2 699	2 511	2 396	2 421	2 184	1 910
Derived gases	402	420	429	420	445	420
Biomass	154	152	112	35	56	422
Industrial wastes	59	49	29	34	18	1
Total net generation	29 609	29 980	28 715	28 153	29 291	28 775
Imports and exports						
Total imports	6 065	6 710	8 623	8 731	8 005	8 590
Total exports	9 743	10 867	10 878	10 593	11 270	10 921
Consumption and losses						
Consumption of the energy branch	3 400	4 187	3 807	3 253	3 549	3 937
<i>of which:</i>						
Consumption for pumped-storage	72	63	70	61	52	77
Network losses	1 326	1 108	1 939	1 318	1 687	1 399
Final energy consumption	23 452	22 760	22 985	24 027	22 850	23 585
<i>of which:</i>						
Industry	9 680	9 019	10 250	10 724	11 034	11 873
<i>among which:</i>						
Iron&steel industry	2 461	1 541	2 415	2 602	2 292	2 563
Non-ferrous metals	1 665	1 683	2 022	2 352	2 376	2 400
Chemical industry	1 057	1 415	1 460	1 406	1 699	1 797
Non-met. mineral prod.	695	855	1 013	788	800	810
Food, drink, tobacco	967	1 080	529	506	543	508
Pulp, paper and print	732	801	911	1 036	1 023	1 260
Engineering & metal	1 196	650	919	1 001	999	1 445
Other industries	627	686	704	736	972	796
Transport	767	720	726	708	572	527
Services & households etc.	13 005	13 021	12 009	12 595	11 244	11 185
<i>among which:</i>						
Households	5 222	5 157	5 039	4 817	4 701	4 577

3.2 Electrical capacity, fuel inputs and heat

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	8 320	8 119	8 202	8 268	8 247	8 210
by source:							
Conventional thermal		3 178	2 974	3 052	3 107	3 090	3 051
<i>of which:</i>							
Steam		2 880	2 675	2 744	2 802	2 770	2 753
Gas turbine		26	22	24	24	17	21
Combined cycle		256	253	254	254	254	220
Internal combustion		10	14	14	10	20	19
Nuclear		2 640	2 640	2 640	2 640	2 640	2 640
Hydro		2 502	2 505	2 507	2 518	2 512	2 514
<i>among which:</i>							
Pumped storage		916	919	919	916	916	916
Wind		-	-	3	3	5	5
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		7 611	7 460	7 520	7 678	7 693	7 600
Autoproducers		722	669	692	600	564	620
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	3 005	2 433	2 857	2 571	2 478	2 377
<i>among which:</i>							
Hard coal		973	805	920	873	923	920
Lignite and peat		908	668	971	790	715	690
Petroleum products		90	91	114	99	99	106
Natural gas		941	781	744	718	638	504
Renewables		38	25	47	31	40	97
Heating plants		664	641	678	749	717	624
<i>among which:</i>							
Hard coal		1	-	3	3	-	-
Lignite and peat		13	7	21	19	8	6
Petroleum products		3	4	7	5	2	1
Natural gas		615	576	623	673	633	556
Renewables		26	29	19	42	59	58
Heat production and consumption							
Total heat production	1 000 toe	1 397	1 219	1 327	1 286	1 255	1 117
<i>among which: in heating plants</i>							
		609	577	604	621	630	543
Heat consumption		1 057	1 021	1 026	1 004	951	829
<i>of which: in industry</i>							
		21	25	155	99	82	66
<i>in households and services</i>							
		1 037	995	871	905	869	763
<i>among which: in households</i>							
		868	782	683	624	625	544

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	SLOVENSKO					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	55	52	48	42	34	31
Total imports	5 491	5 633	5 666	6 075	5 455	5 778
Total exports	17	14	70	178	137	152
Stock changes	59	32	35	-179	89	-78
Refinery intake	6 281	6 317	6 244	6 677	6 258	6 329
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	5 721
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	SLOVENSKO					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	6 261	6 205	6 154	6 575	6 191	6 276
<i>among which:</i>						
Motor spirit	1 439	1 555	1 597	1 670	1 584	1 449
Kerosene and jet fuel	50	44	64	62	38	47
Naphtha	560	530	515	573	560	543
Gas/diesel oil	2 373	2 338	2 349	2 598	2 455	2 587
Residual fuel oil	771	675	635	585	543	654
Total imports	552	884	823	1 106	1 342	1 332
Total exports	3 210	3 230	3 278	3 736	3 414	3 523
Bunkers	-	-	-	-	-	-
Stock changes	-38	-1	-107	22	-30	-97
Gross inland consumption	-2 696	-2 347	-2 562	-2 608	-2 102	-2 288
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	-	1	1	8	8
United Kingdom	-	-	-	-	-	-
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	221	324	246	216	307	258
Kerosene and jet fuel	3	16	22	93	76	12
Gas/diesel oil	118	285	233	445	515	499
Residual fuel oil	30	16	64	41	31	104
Exports by product						
<i>among which:</i>						
Motor spirit	1 025	1 151	1 130	1 275	1 187	1 090
Kerosene and jet fuel	6	11	32	20	30	8
Gas/diesel oil	1 569	1 567	1 587	2 013	1 825	1 899
Residual fuel oil	363	260	274	157	113	212
Consumption						
Inputs to electricity plants	93	95	119	104	103	111
Inputs to heating plants	3	4	7	5	2	1
Non-energy use	859	920	917	908	838	866
Final energy consumption	1 886	2 271	1 985	1 948	2 150	2 093
Industry						
<i>among which by product:</i>						
Gas/diesel oil	24	26	27	37	19	18
Residual fuel oil	246	273	230	136	192	193

<i>in 1 000 t</i>	SLOVENSKO					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	6	2	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	256	316	230	186	212	131
Non-met. mineral prod.	63	47	59	70	70	87
Food, drink, tobacco	7	3	4	2	3	5
Pulp, paper and print	15	7	8	8	5	8
Engineering & metal	2	1	4	1	2	2
Other industries	42	57	46	31	29	35
Transport	1 332	1 678	1 493	1 478	1 676	1 687
<i>among which:</i>						
Motor spirit	608	716	663	607	650	607
Jet fuel	30	45	33	26	38	39
Diesel oil	694	916	797	845	987	1 040
Services & households etc.	167	158	136	163	149	138
<i>among which:</i>						
Gas oil	120	83	73	79	80	70
Residual fuel oil	-	-	-	17	7	7
Stocks at end of period						
Crude oil and feedstocks	310	278	243	422	333	411
Petroleum products	442	443	550	528	558	655

5. Natural gas

in TJ (GCV)	SLOVENSKO					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	7 009	6 754	7 745	6 603	5 876	8 187
Total imports	289 053	294 203	278 951	292 628	282 145	264 567
Total exports	-	-	151	-	14 461	22 994
Stock changes	16 374	-6 889	-1 102	-14 944	1 906	419
Gross inland consumption	312 436	294 068	285 443	284 287	275 466	250 179
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	289 053	294 203	278 951	292 628	282 145	264 567
Consumption						
Inputs to electricity plants	43 789	36 324	34 626	33 416	29 657	23 441
Inputs to heat plants	28 619	26 807	28 988	31 293	29 451	25 888
Consumption of energy branch	31 720	29 832	30 249	36 881	35 731	26 864
Distribution losses	940	3 736	5 483	5 788	5 760	74
Non-energy use	16 414	16 113	14 441	16 595	17 930	14 931
Industry	49 337	58 110	46 750	39 766	45 084	44 377
<i>among which:</i>						
Iron&steel industry	6 041	9 133	7 176	6 723	6 780	7 515
Non-ferrous metals	905	1 211	1 302	1 382	1 294	1 275
Chemical industry	9 137	9 026	4 764	3 442	3 373	3 560
Non-met. mineral prod.	13 107	12 633	9 669	7 466	11 029	8 907
Food, drink, tobacco	4 913	9 010	7 470	5 871	7 246	6 118
Pulp, paper and print	3 372	2 976	2 064	2 817	2 579	4 790
Engineering & metal	5 281	7 335	7 769	5 181	5 789	6 452
Other industries	1 902	2 778	2 732	2 647	3 776	2 880
Transport	145	62	183	274	367	215
Services & households etc.	136 165	117 909	119 933	114 334	104 932	107 443
<i>among which:</i>						
Households	77 025	74 580	74 864	69 156	65 943	59 698
Services	57 129	41 992	43 622	43 584	37 133	46 342

6.1 Hard coal

<i>in 1 000 t</i>	SLOVENSKO					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	4 963	4 629	4 945	5 183	5 263	4 665
Total exports	-	-	-	-	-	-
Stock changes	-41	97	145	-32	-280	483
Gross inland consumption	4 922	4 726	5 090	5 151	4 983	5 148
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	1 664	1 630	1 730	1 468	2 148	1 355
South Africa	-	-	-	-	-	16
USA	-	-	-	60	290	206
Consumption						
Inputs to electricity plants	1 421	1 345	1 540	1 598	1 540	1 536
Inputs to heat plants	1	-	5	5	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	644	607	716	1 093	1 092	1 170
<i>among which:</i>						
Iron&steel industry	377	394	449	851	848	947
Non-ferrous metals	6	24	16	11	9	6
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	197	129	185	152	170	161
Food, drink, tobacco	-	-	-	-	-	1
Pulp, paper and print	61	59	61	55	62	55
Engineering & metal	2	-	4	3	2	-
Other industries	-	-	-	-	-	-
Services & households etc.	156	8	-	34	1	54

6.2 Coal derivatives and peat

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 697	1 806	1 886	1 883	1 846	1 856
Patent Fuel		-	-	-	-	-	-
Lignite and peat		3 424	3 404	3 097	2 952	2 511	2 201
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		13 458	14 346	15 025	14 883	14 717	14 842
Blast-furnace gas		20 555	22 028	24 632	23 834	24 559	30 189
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		859	996	1 193	1 182	1 065	1 094
<i>among which:</i>							
Iron & steel industry		739	937	1 112	1 081	1 023	1 050
Services & households		79	14	49	53	4	10
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		721	1 368	546	820	437	500
<i>among which:</i>							
Industry		424	266	226	211	198	197
Services & households		297	1 102	320	609	239	303
Brown coal briquettes		3	1	1	10	1	1
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		3	1	1	10	1	1
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		9 706	10 262	10 592	10 387	10 034	9 988
Blast-furnace gas		6 579	7 351	8 516	8 513	8 481	10 110
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		2 254	2 399	2 601	2 592	2 769	2 568
Inputs to heat plants		108	95	33	48	34	43
Consumption of energy branch		14 459	15 071	16 364	15 805	16 247	17 865
Consumption in industry		16 285	17 613	19 108	18 900	18 515	20 098

7. Renewable energy sources

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	768	723	638	758	881	886
Hydro (excl. pumping)		424	453	299	353	399	378
Wind		-	-	0	1	1	1
Solar		-	-	-	-	-	-
Geothermal		9	9	8	8	8	6
Biomass		336	260	331	397	473	501
	<i>among which:</i>						
Wood, wood-waste		267	251	300	350	398	409
Municipal solid waste		25	4	26	29	35	42
Biogas		5	3	4	6	5	8
Gross inland consumption		763	724	633	742	825	859
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		8	8	7	7	7	5
Biomass		57	47	59	67	92	150
	<i>among which:</i>						
Wood, wood-waste		32	42	32	37	53	105
Municipal waste		25	4	26	29	35	42
Biogas		0	1	2	1	4	3
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	274	217	268	315	327	326
	<i>by sector:</i>						
Industry		229	209	262	275	277	241
Services & households etc.		11	5	4	39	38	39
Transport		34	3	2	1	11	45
	<i>by source:</i>						
Biomass		273	215	267	314	326	324
	<i>among which:</i>						
Wood, wood-waste		235	210	263	308	314	275
Municipal waste		-	-	-	-	-	-
Biogas		5	3	2	5	1	5
Geothermal		1	2	1	1	1	2
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		15	16	13	20	37	38
Hydro with installed capacity > 1 & <10 MW		11	13	15	22	23	26
Hydro with installed capacity > 10 MW		4 901	5 239	3 452	4 058	4 578	4 335
Wood, Wood-waste		153	150	84	3	4	367
Municipal waste		-	-	26	30	47	47
Biogas		1	2	2	2	4	8

		SLOVENSKO					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		5	4	5	9	16	20
Hydro with installed capacity > 1 & <10 MW		3	3	5	5	46	43
Hydro with installed capacity > 10 MW		1 578	1 579	1 578	1 588	1 535	1 534
Wood, Wood-waste		5	1	1	-	44	108
Municipal waste		-	-	6	6	6	6
Biogas		1	2	1	1	2	2
Liquid biofuels							
Production	<i>1000 t</i>	38	3	2	12	35	43
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		SUOMI/FINLAND					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	14 692	15 579	15 508	15 415	16 210	17 787
Net energy imports		18 926	18 844	22 420	20 958	19 306	20 946
Net oil imports		10 182	10 216	11 343	11 132	10 985	11 570
Net gas imports		3 707	3 684	4 084	3 951	3 598	3 876
Gross inland energy consumption		33 167	35 205	37 235	37 494	34 666	37 821
Final energy consumption		24 137	25 092	25 630	26 093	25 252	26 679
Industry		11 414	12 094	12 385	12 886	12 093	13 273
Transport		4 548	4 567	4 703	4 809	4 831	4 956
Services and households etc.		8 175	8 431	8 542	8 399	8 327	8 449
Gross electricity generation	GWh	74 450	74 899	84 230	85 817	70 550	82 304
Final electricity consumption		77 296	79 681	80 855	83 128	80 935	85 775
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	129 437	131 563	133 898	138 889	142 833	149 766
Population	1000 per.	5 181	5 195	5 206	5 220	5 237	5 256
Industry added value	Mio EUR	42 959	44 327	45 469	47 611	49 250	54 117
Total imports (current prices)	Mio EUR	46 374	47 880	49 312	52 850	59 104	63 689
among which:							
All energy commodities		4 154	4 046	4 481	4 481	5 887	8 435
Oil products		3 008	2 978	3 145	3 616	4 899	6 402
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	256.2	267.6	278.1	270.0	242.7	252.5
Final energy consumption / GDP(95)		186.5	190.7	191.4	187.9	176.8	178.1
Energy intensity of industry:							
Final consumption / gross value-added mp		265.7	272.8	272.4	270.7	245.5	245.3
Energy intensity of service sector:							
Final consumption / gross value-added mp		38.2	40.2	40.7	39.8	37.5	36.3
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	6 401	6 777	7 152	7 183	6 620	7 196
Final energy consumption / capita		4 659	4 830	4 923	4 999	4 822	5 076
Household consumption / capita		932	950	959	925	926	941
Final electricity consumption / capita	kWh/cap.	14 919	15 338	15 530	15 926	15 456	16 321
Energy dependency							
Net energy imports / Gross consumption	in %	56.1	52.6	59.2	55.2	54.9	54.6
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	72.8	71.3	68.8	69.6	72.8	70.5
Efficiency of thermal power stations		70.6	69.8	64.9	68.0	76.6	68.8

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	SUOMI/FINLAND					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	14 692	15 579	15 508	15 415	16 210	17 787
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	1 378	2 107	1 832	885	2 129	3 224
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	5 874	5 751	5 864	5 860	6 003	5 909
Hydro-electricity	1 135	927	825	1 296	1 185	988
Biomass	6 298	6 789	6 979	7 364	6 878	7 651
Imports						
Total	24 090	24 457	28 696	27 285	24 615	26 927
<i>among which:</i> Hard coal	3 894	3 641	6 291	5 171	3 004	4 251
Crude oil and feedstocks	11 396	12 200	12 501	12 740	11 068	12 709
Petroleum products	3 753	3 450	4 458	4 068	5 058	4 524
Natural Gas	3 707	3 684	4 084	3 951	3 598	3 876
Electricity	1 012	1 158	1 022	1 003	1 543	1 214
Exports						
Total	5 163	5 613	6 275	6 326	5 310	5 981
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	4 966	5 434	5 616	5 676	5 142	5 663
Natural gas	-	-	-	-	-	-
Electricity	156	132	604	584	80	234
Gross inland consumption						
Total	33 167	35 205	37 235	37 494	34 666	37 821
<i>among which:</i> Solid fuels	6 099	6 488	8 315	7 508	4 925	7 446
Crude oil and petrol. prod.	9 000	10 359	10 506	11 086	10 625	10 978
Natural gas	3 707	3 684	4 084	3 951	3 598	3 876
Nuclear Energy	5 874	5 751	5 864	5 860	6 003	5 909
Renewables	7 416	7 683	7 765	8 612	8 000	8 576
Transformation input						
Total	28 700	30 574	33 530	32 756	29 067	33 937
<i>among which:</i> Crude oil and feedstocks	12 433	13 639	13 575	14 027	13 248	14 456
Petroleum products	442	391	530	413	371	461
Hard coal	3 523	3 955	5 383	4 788	2 648	4 724
Lignite and peat	1 670	1 754	2 178	1 850	1 381	1 942
Renewables	1 615	1 920	2 294	2 334	2 263	3 148
Transformation output						
Total	22 070	23 554	25 058	25 176	23 086	26 511
<i>among which:</i> Electricity	5 260	5 508	6 410	6 073	4 866	6 075
Heat	3 268	3 457	4 070	4 060	3 895	4 764

		SUOMI/FINLAND					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		24 137	25 092	25 630	26 093	25 252	26 679
<i>among which:</i>	Solid fuels	1 121	1 103	987	949	966	949
	Petroleum products	7 296	7 742	7 961	8 094	8 014	8 168
	Natural Gas	1 007	973	905	788	795	890
	Renewables	4 659	4 830	4 639	4 971	4 537	4 426
	Electricity	6 646	6 851	6 952	7 148	6 959	7 375
Final energy consumption by sector							
Industry							
Total		11 414	12 094	12 385	12 886	12 093	13 273
<i>among which:</i>	Solid fuels	1 091	1 073	956	919	936	918
	Petroleum Products	1 077	1 462	1 602	1 698	1 664	1 762
	Natural Gas	938	899	832	714	719	811
	Renewables	3 515	3 662	3 470	3 803	3 380	3 247
	Electricity	3 644	3 755	3 810	3 965	3 720	4 036
Transport							
Total		4 548	4 567	4 703	4 809	4 831	4 956
<i>among which:</i>	Motor spirit	1 956	1 927	1 988	1 969	1 966	1 963
	Diesel oil	2 000	2 043	2 094	2 183	2 199	2 274
	Jet fuel	505	493	506	548	565	608
	Electricity	49	51	54	54	56	58
Services&households							
Total		8 175	8 431	8 542	8 399	8 327	8 449
<i>among which:</i>	Solid fuels	30	30	31	30	30	31
	Gas oil	1 527	1 486	1 436	1 384	1 327	1 375
	Natural Gas	67	72	70	72	73	76
	Renewables	1 144	1 168	1 165	1 164	1 157	1 178
	Electricity	2 953	3 045	3 089	3 129	3 184	3 281
	Heat	2 259	2 349	2 469	2 354	2 305	2 371

3.1 Electricity balance

	SUOMI/FINLAND						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		74 450	74 899	84 230	85 817	70 550	82 304
<i>among which:</i>							
Hydro		13 204	10 776	9 591	15 070	13 784	11 494
Wind		70	64	93	120	170	156
Geothermal		-	-	-	-	-	-
Nuclear		22 773	22 295	22 731	22 716	23 271	22 906
Conventional thermal		38 401	41 762	51 813	47 909	33 322	47 745
<i>of which:</i>							
Hard coal		10 659	12 611	18 880	16 503	6 492	16 320
Lignite and peat		6 210	6 448	7 320	6 525	4 482	6 643
Petroleum products		652	601	934	615	497	483
Natural gas		11 552	11 304	13 941	12 779	11 251	12 317
Derived gases		643	670	566	629	687	647
Biomass		8 411	9 740	9 700	10 509	9 607	10 860
Industrial wastes		274	388	472	349	306	475
Total net generation		71 230	71 617	80 379	82 154	67 808	78 624
Imports and exports							
Total imports		11 769	13 464	11 882	11 667	17 948	14 118
Total exports		1 810	1 539	7 030	6 797	933	2 717
Consumption and losses							
Consumption of the energy branch		4 086	4 202	4 780	4 598	3 631	4 689
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		3 027	2 941	3 447	2 959	2 999	3 244
Final energy consumption		77 296	79 681	80 855	83 128	80 935	85 775
<i>of which:</i>							
Industry		42 384	43 668	44 306	46 111	43 261	46 942
<i>among which:</i>							
Iron&steel industry		2 562	2 615	3 201	3 371	3 271	3 465
Non-ferrous metals		2 029	2 072	1 918	2 098	2 055	2 123
Chemical industry		5 143	5 369	4 633	4 781	4 667	4 871
Non-met. mineral prod.		927	924	942	985	996	1 034
Food, drink, tobacco		1 590	1 540	1 547	1 573	1 572	1 470
Pulp, paper and print		24 239	24 958	25 118	26 275	23 576	26 789
Engineering & metal		2 492	2 537	2 463	2 469	2 524	2 457
Other industries		2 578	2 809	3 664	3 724	3 769	3 859
Transport		565	594	627	630	648	675
Services & households etc.		34 347	35 419	35 922	36 387	37 026	38 158
<i>among which:</i>							
Households		19 373	19 940	20 405	20 364	20 578	21 140

3.2 Electrical capacity, fuel inputs and heat

		SUOMI/FINLAND					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	16 473	16 566	16 553	16 563	16 464	16 557
by source:							
Conventional thermal		10 868	10 888	10 864	10 811	10 676	10 738
<i>of which:</i>							
Steam		7 385	7 405	7 381	7 328	7 193	7 255
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	2 671	2 671	2 671	2 671	2 671
Hydro		2 926	2 964	2 966	2 999	3 035	3 062
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		39	43	52	82	82	86
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		14 204	14 296	14 286	14 297	14 198	14 292
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	8 255	9 043	11 738	10 584	7 538	11 279
<i>among which:</i>							
Hard coal		2 582	3 005	4 427	3 832	1 690	3 799
Lignite and peat		1 611	1 691	2 079	1 757	1 283	1 840
Petroleum products		132	127	226	137	107	162
Natural gas		2 211	2 177	2 603	2 493	2 193	2 374
Renewables		1 486	1 802	2 108	2 136	2 043	2 884
Heating plants		854	827	1 038	965	954	980
<i>among which:</i>							
Hard coal		37	32	59	63	65	57
Lignite and peat		59	63	98	93	98	102
Petroleum products		310	264	304	276	264	300
Natural gas		183	212	235	323	295	256
Renewables		129	119	186	198	220	265
Heat production and consumption							
Total heat production	1 000 toe	3 268	3 457	4 070	4 060	3 895	4 764
<i>among which: in heating plants</i>							
		741	735	906	984	989	1 111
Heat consumption		3 039	3 212	3 789	3 763	3 597	4 452
<i>of which: in industry</i>							
		780	863	1 320	1 410	1 292	2 081
<i>in households and services</i>							
		2 259	2 349	2 469	2 354	2 305	2 371
<i>among which: in households</i>							
		1 382	1 433	1 493	1 387	1 431	1 470

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	SUOMI/FINLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	11 095	11 896	12 167	12 395	10 748	12 326
Total exports	-	-	-	-	-	-
Stock changes	-520	352	-77	-64	168	-184
Refinery intake	12 117	13 309	13 224	13 665	12 889	14 053
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	-	-	-	-	-	131
Near and Middle East	-	-	-	-	-	-
Africa	-	-	-	-	-	131
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	748	655	650	498	386	466
Kuwait	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	1 804	1 799	1 066	585	209	1 300
Russia	5 116	6 270	7 807	9 511	8 548	7 770
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	SUOMI/FINLAND					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	12 061	13 073	13 028	13 474	12 766	14 072
<i>among which:</i>						
Motor spirit	3 785	4 350	4 304	4 321	4 061	4 298
Kerosene and jet fuel	441	659	614	714	592	715
Naphtha	215	203	188	258	205	254
Gas/diesel oil	5 058	5 128	5 038	5 078	4 964	5 816
Residual fuel oil	1 306	1 403	1 267	1 445	1 318	1 271
Total imports	3 712	3 442	4 431	4 033	5 041	4 517
Total exports	4 815	5 254	5 450	5 507	4 990	5 501
Bunkers	584	658	654	527	518	570
Stock changes	-104	240	-185	341	-237	-128
Gross inland consumption	-1 777	-2 207	-1 828	-1 627	-677	-1 651
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	145	121	119	115	168	249
United Kingdom	113	145	125	63	39	52
Norway	281	397	614	556	633	335
OPEC	66	-	11	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	365	290	421	360	344	97
Kerosene and jet fuel	182	47	15	17	103	80
Gas/diesel oil	1 670	1 682	2 082	1 990	2 492	2 482
Residual fuel oil	654	806	983	654	803	737
Exports by product						
<i>among which:</i>						
Motor spirit	2 200	2 751	2 561	2 776	2 384	2 418
Kerosene and jet fuel	123	174	79	185	154	146
Gas/diesel oil	2 054	1 933	2 243	1 882	1 839	2 222
Residual fuel oil	79	28	23	141	67	78
Consumption						
Inputs to electricity plants	138	132	236	143	110	168
Inputs to heating plants	323	275	316	288	275	312
Non-energy use	1 019	918	947	944	1 011	738
Final energy consumption	7 148	7 588	7 808	7 940	7 854	8 003
Industry						
<i>among which by product:</i>						
Gas/diesel oil	381	485	554	567	584	583
Residual fuel oil	629	776	863	907	805	787

<i>in 1 000 t</i>	SUOMI/FINLAND					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	285	357	424	456	422	458
Non-ferrous metals	13	15	17	20	16	15
Chemical industry	40	158	138	160	188	287
Non-met. mineral prod.	61	87	91	108	106	112
Food, drink, tobacco	47	55	61	64	56	49
Pulp, paper and print	254	300	314	314	291	270
Engineering & metal	27	35	35	42	41	42
Other industries	342	429	502	474	517	512
Transport	4 357	4 374	4 499	4 602	4 627	4 746
<i>among which:</i>						
Motor spirit	1 861	1 834	1 892	1 874	1 871	1 868
Jet fuel	492	480	493	534	550	592
Diesel oil	1 966	2 008	2 058	2 145	2 161	2 235
Services & households etc.	1 696	1 736	1 686	1 620	1 549	1 493
<i>among which:</i>						
Gas oil	1 501	1 460	1 411	1 360	1 304	1 351
Residual fuel oil	145	149	143	141	128	133
Stocks at end of period						
Crude oil and feedstocks	1 415	1 063	1 140	1 204	1 036	1 220
Petroleum products	2 368	2 194	2 304	2 038	2 275	2 306

5. Natural gas

<i>in TJ (GCV)</i>	SUOMI/FINLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	172 446	171 371	190 004	183 779	167 381	180 308
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	172 446	171 371	190 004	183 779	167 381	180 308
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	172 446	171 371	190 004	183 779	167 381	180 308
Consumption						
Inputs to electricity plants	102 863	101 279	121 097	115 969	102 017	110 439
Inputs to heat plants	8 506	9 872	10 917	15 038	13 720	11 901
Consumption of energy branch	12 405	12 989	13 417	14 301	12 589	12 958
Distribution losses	-	-	-	-	-	-
Non-energy use	1 516	1 875	2 000	2 400	2 440	3 471
Industry	43 646	41 822	38 702	33 204	33 462	37 707
<i>among which:</i>						
Iron&steel industry	2 737	2 935	3 000	2 764	2 848	3 095
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	1 393	1 378	1 400	1 422	1 507	1 542
Non-met. mineral prod.	2 406	2 394	2 300	2 049	2 292	2 488
Food, drink, tobacco	2 265	1 898	1 800	1 798	1 805	1 848
Pulp, paper and print	25 193	31 058	28 776	24 191	24 010	27 800
Engineering & metal	343	287	276	280	277	206
Other industries	8 072	372	350	300	310	362
Transport	80	120	120	120	120	160
Services & households etc.	3 112	3 334	3 272	3 352	3 392	3 513
<i>among which:</i>						
Households	1 044	1 211	1 166	1 275	1 352	1 572
Services	1 430	1 483	1 507	1 518	1 441	1 341

6.1 Hard coal

<i>in 1 000 t</i>	SUOMI/FINLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	6 175	5 790	10 146	8 286	4 723	6 684
Total exports	-	-	-	-	-	-
Stock changes	-49	827	-1 284	-204	-125	928
Gross inland consumption	6 126	6 617	8 862	8 082	4 598	7 612
Imports						
Imports by origin						
<i>among which:</i>						
Australia	159	405	525	336	487	249
Colombia	-	134	59	-	-	323
Russia	2 871	2 636	5 594	5 493	2 736	3 622
South Africa	-	66	412	-	-	379
USA	238	223	266	430	382	791
Consumption						
Inputs to electricity plants	4 240	4 940	7 276	6 368	2 808	6 238
Inputs to heat plants	60	52	97	106	106	93
Consumption of energy branch	-	-	-	-	-	-
Industry	400	355	257	237	276	201
<i>among which:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	82	74	70	79	89	-
Non-met. mineral prod.	219	195	167	139	168	181
Food, drink, tobacco	9	-	-	-	-	-
Pulp, paper and print	90	86	20	19	19	20
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	9	8	7	7	7	7

6.2 Coal derivatives and peat

		SUOMI/FINLAND					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		909	912	895	904	894	870
Patent Fuel		-	-	-	-	-	-
Lignite and peat		5 711	8 733	7 305	3 633	8 737	13 235
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		7 778	8 048	8 047	7 704	7 425	7 289
Blast-furnace gas		15 916	16 528	17 541	17 884	18 063	18 648
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		814	786	813	784	782	756
<i>among which:</i>							
Iron & steel industry		796	772	779	744	742	726
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		1 317	1 436	1 088	1 092	1 070	1 259
<i>among which:</i>							
Industry		1 217	1 333	983	985	964	1 149
Services & households		100	103	105	107	106	110
Brown coal briquettes		-	-	-	-	-	-
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		6 457	6 543	6 802	6 722	6 564	6 789
Blast-furnace gas		8 789	9 263	9 685	8 768	9 226	10 480
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		6 568	6 799	7 194	8 229	8 031	7 894
Inputs to heat plants		843	877	619	469	468	47
Consumption of energy branch		-	-	-	-	-	-
Consumption in industry		15 246	15 806	16 487	15 490	15 790	17 269

7. Renewable energy sources

		SUOMI/FINLAND					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	7 440	7 721	7 813	8 671	8 078	8 654
Hydro (excl. pumping)		1 135	927	825	1 296	1 185	988
Wind		6	6	8	10	15	13
Solar		1	1	1	1	1	1
Geothermal		-	-	-	-	-	-
Biomass		6 298	6 789	6 979	7 364	6 878	7 651
	<i>among which:</i>						
Wood, wood-waste		6 203	6 697	6 841	7 188	6 679	7 481
Municipal solid waste		77	74	118	149	157	134
Biogas		18	17	20	26	42	36
Gross inland consumption		7 416	7 683	7 765	8 612	8 000	8 576
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		1 615	1 920	2 294	2 334	2 263	3 148
	<i>among which:</i>						
Wood, wood-waste		1 545	1 852	2 178	2 216	2 108	3 014
Municipal waste		63	60	104	106	128	111
Biogas		7	8	11	12	27	24
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	4 659	4 830	4 639	4 971	4 537	4 426
	<i>by sector:</i>						
Industry		3 515	3 662	3 470	3 803	3 380	3 247
Services & households etc.		1 144	1 168	1 165	1 164	1 157	1 178
Transport		-	1	4	5	-	1
	<i>by source:</i>						
Biomass		4 659	4 830	4 639	4 971	4 536	4 425
	<i>among which:</i>						
Wood, wood-waste		4 634	4 806	4 612	4 909	4 493	4 389
Municipal waste		14	14	14	43	29	23
Biogas		10	9	9	14	14	13
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		2	2	2	2	3	3
Hydro with installed capacity < 1 MW		127	97	90	139	127	98
Hydro with installed capacity > 1 & <10 MW		1 031	756	663	1 120	1 025	830
Hydro with installed capacity > 10 MW		12 047	9 923	8 838	13 811	12 633	10 566
Wood, Wood-waste		8 189	9 496	9 385	10 182	9 238	10 538
Municipal waste		200	215	291	304	347	294
Biogas		22	29	24	22	22	27

		SUOMI/FINLAND					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		3	3	3	3	4	5
Hydro with installed capacity < 1 MW		30	31	31	31	31	31
Hydro with installed capacity > 1 & <10 MW		273	275	275	275	275	285
Hydro with installed capacity > 10 MW		2 623	2 658	2 660	2 693	2 729	2 746
Wood, Wood-waste		1 600	1 600	1 700	1 700	1 720	1 730
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	11	11	12	14	16	18

1. Energy economy

Key figures and energy indicators

		SVERIGE					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	33 322	31 225	30 390	33 799	34 166	32 275
Net energy imports		19 293	19 873	22 835	20 350	20 179	19 797
Net oil imports		16 588	16 134	18 247	17 019	17 416	16 059
Net gas imports		875	891	888	884	843	882
Gross inland energy consumption		51 380	51 055	50 483	52 629	51 689	50 829
Final energy consumption		33 375	33 540	33 576	33 624	33 740	33 218
Industry		12 425	12 571	12 373	12 694	12 664	12 760
Transport		8 605	8 024	8 195	8 418	8 608	8 569
Services and households etc.		12 345	12 944	13 009	12 512	12 469	11 888
Gross electricity generation	GWh	161 617	146 733	135 435	151 727	158 435	143 298
Final electricity consumption		132 674	131 279	129 443	130 361	132 373	130 806
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	230 959	236 528	241 052	251 001	259 280	269 881
Population	1000 per.	8 883	8 909	8 941	8 976	9 011	9 048
Industry added value	Mio EUR	66 725	69 746	71 817	78 133	81 390	84 846
Total imports (current prices)	Mio EUR	94 891	93 703	97 229	103 863	111 083	120 163
among which:							
All energy commodities		6 108	6 196	6 932	7 829	10 545	12 688
Oil products		5 407	5 215	5 659	6 570	9 182	10 759
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	222.5	215.9	209.4	209.7	199.4	188.3
Final energy consumption / GDP(95)		144.5	141.8	139.3	134.0	130.1	123.1
Energy intensity of industry:							
Final consumption / gross value-added mp		186.2	180.2	172.3	162.5	155.6	150.4
Energy intensity of service sector:							
Final consumption / gross value-added mp		31.1	36.2	35.6	32.8	30.3	27.3
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	5 784	5 731	5 646	5 864	5 736	5 618
Final energy consumption / capita		3 757	3 765	3 755	3 746	3 744	3 671
Household consumption / capita		845	823	825	796	810	774
Final electricity consumption / capita	kWh/cap.	14 936	14 735	14 478	14 524	14 690	14 457
Energy dependency							
Net energy imports / Gross consumption	in %	36.6	38.0	43.8	37.3	37.6	37.4
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.0	65.7	66.5	63.9	65.3	65.4
Efficiency of thermal power stations		88.3	87.1	80.1	85.1	83.9	84.3

2. Energy balance

Principal aggregates by product

		SVERIGE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		33 322	31 225	30 390	33 799	34 166	32 275
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	190	240	241	267	211	185
	Crude oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Nuclear heat	18 601	17 569	17 390	19 988	18 670	17 277
	Hydro-electricity	6 798	5 706	4 604	5 170	6 260	5 307
	Biomass	7 686	7 653	8 093	8 297	8 938	9 415
Imports							
Total		30 677	30 514	33 941	32 955	32 602	32 015
<i>among which:</i>	Hard coal	2 117	1 911	2 202	2 197	2 218	2 125
	Crude oil and feedstocks	20 138	18 751	20 637	21 095	20 611	19 859
	Petroleum products	6 224	6 741	7 687	6 973	7 312	7 407
	Natural Gas	875	891	888	884	843	882
	Electricity	960	1 729	2 088	1 345	1 253	1 508
Exports							
Total		11 384	10 641	11 106	12 605	12 423	12 217
<i>among which:</i>	Crude oil and feedstocks	544	406	234	261	540	550
	Petroleum products	9 230	8 953	9 842	10 788	9 967	10 657
	Natural gas	-	-	-	-	-	-
	Electricity	1 587	1 269	985	1 526	1 889	989
Gross inland consumption							
Total		51 380	51 055	50 483	52 629	51 689	50 829
<i>among which:</i>	Solid fuels	2 753	2 846	2 678	2 944	2 629	2 691
	Crude oil and petrol. prod.	15 219	15 822	15 612	15 427	14 858	14 588
	Natural gas	875	891	888	884	843	882
	Nuclear Energy	18 601	17 569	17 390	19 988	18 670	17 277
	Renewables	14 531	13 415	12 759	13 544	15 285	14 813
Transformation input							
Total		46 470	44 597	45 505	49 020	47 076	46 336
<i>among which:</i>	Crude oil and feedstocks	21 026	20 001	20 446	21 496	20 789	21 000
	Petroleum products	727	825	940	656	513	564
	Hard coal	1 690	1 627	1 704	1 672	1 596	1 964
	Lignite and peat	228	327	328	383	293	236
	Renewables	3 221	3 195	3 638	3 802	4 212	4 353
Transformation output							
Total		32 851	31 070	31 886	33 792	33 166	32 734
<i>among which:</i>	Electricity	7 055	6 856	6 978	7 799	7 276	6 928
	Heat	4 157	4 146	4 199	4 242	4 325	4 330

		SVERIGE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		33 375	33 540	33 576	33 624	33 740	33 218
<i>among which:</i>	Solid fuels	1 153	1 336	1 337	1 426	1 345	1 202
	Petroleum products	11 611	11 740	11 842	11 626	11 342	10 658
	Natural Gas	492	459	497	519	509	628
	Renewables	4 471	4 462	4 460	4 500	4 732	5 068
	Electricity	11 408	11 288	11 130	11 209	11 382	11 247
Final energy consumption by sector							
Industry							
Total		12 425	12 571	12 373	12 694	12 664	12 760
<i>among which:</i>	Solid fuels	1 153	1 336	1 337	1 426	1 345	1 202
	Petroleum Products	1 857	1 842	1 795	1 948	1 878	1 656
	Natural Gas	340	316	332	353	338	455
	Renewables	3 558	3 550	3 489	3 423	3 551	3 925
	Electricity	4 911	4 925	4 824	4 918	4 949	4 931
Transport							
Total		8 605	8 024	8 195	8 418	8 608	8 569
<i>among which:</i>	Motor spirit	4 167	4 300	4 318	4 143	4 063	3 936
	Diesel oil	3 178	2 666	2 774	2 952	3 132	3 253
	Jet fuel	946	721	700	843	846	866
	Electricity	246	247	244	257	328	248
Services&households							
Total		12 345	12 944	13 009	12 512	12 469	11 888
<i>among which:</i>	Solid fuels	-	-	-	-	-	-
	Gas oil	1 330	2 074	2 028	1 564	1 269	835
	Natural Gas	142	131	147	151	156	150
	Renewables	896	875	894	935	1 029	952
	Electricity	6 250	6 117	6 062	6 034	6 105	6 069
	Heat	3 602	3 621	3 682	3 686	3 794	3 792

3.1 Electricity balance

	SVERIGE						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		161 617	146 733	135 435	151 727	158 435	143 298
<i>among which:</i>							
Hydro		79 082	66 395	53 598	60 178	72 874	61 738
Wind		482	608	679	850	936	987
Geothermal		-	-	-	-	-	-
Nuclear		72 109	68 111	67 415	77 486	72 377	66 977
Conventional thermal		9 943	11 619	13 743	13 213	12 248	13 596
<i>of which:</i>							
Hard coal		1 879	2 357	2 846	1 010	648	879
Lignite and peat		-	-	-	-	-	-
Petroleum products		2 475	3 089	3 871	1 955	1 379	1 669
Natural gas		361	563	700	749	559	582
Derived gases		1 186	1 106	1 319	811	757	658
Biomass		3 881	4 327	5 007	7 943	8 301	9 211
Industrial wastes		161	177	-	745	604	597
Total net generation		157 636	143 233	132 535	148 529	154 610	140 372
Imports and exports							
Total imports		11 164	20 110	24 287	15 646	14 576	17 537
Total exports		18 454	14 754	11 457	17 750	21 968	11 497
Consumption and losses							
Consumption of the energy branch		9 828	8 892	8 063	8 274	6 897	7 484
<i>of which:</i>							
Consumption for pumped-storage		10	16	25	23	27	7
Network losses		11 803	11 883	10 701	10 933	11 707	11 032
Final energy consumption		132 674	131 279	129 443	130 361	132 373	130 806
<i>of which:</i>							
Industry		57 119	57 273	56 107	57 194	57 558	57 342
<i>among which:</i>							
Iron&steel industry		4 959	4 873	4 850	4 947	5 356	5 287
Non-ferrous metals		2 931	2 972	2 943	3 002	3 268	3 225
Chemical industry		5 543	5 560	6 663	6 796	6 635	6 353
Non-met. mineral prod.		1 441	1 177	1 133	1 156	1 045	1 052
Food, drink, tobacco		2 849	2 683	2 470	2 519	2 433	2 437
Pulp, paper and print		23 209	22 729	22 590	23 042	23 104	24 186
Engineering & metal		4 488	4 403	4 173	4 257	4 355	4 323
Other industries		8 730	9 929	8 379	8 511	8 592	7 676
Transport		2 862	2 867	2 838	2 989	3 816	2 885
Services & households etc.		72 693	71 139	70 498	70 178	70 999	70 579
<i>among which:</i>							
Households		42 180	41 473	41 998	41 375	42 663	41 490

3.2 Electrical capacity, fuel inputs and heat

		SVERIGE					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	33 835	32 503	33 361	33 649	33 733	34 122
by source:							
Conventional thermal		7 536	6 462	7 378	7 424	7 424	7 882
<i>of which:</i>							
Steam		5 312	4 749	5 669	5 553	5 553	5 706
Gas turbine		1 932	1 519	1 515	1 681	1 681	1 755
Combined cycle		175	88	88	111	111	336
Internal combustion		117	106	106	79	79	85
Nuclear		9 436	9 452	9 441	9 471	9 471	9 454
Hydro		16 568	16 232	16 143	16 302	16 345	16 270
<i>among which:</i>							
Pumped storage		45	45	45	36	43	36
Wind		295	357	399	452	493	516
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		32 824	31 421	32 340	32 662	32 708	33 027
Autoproducers		1 011	1 085	1 024	987	987	1 100
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	3 504	3 863	4 557	4 507	4 458	4 541
<i>among which:</i>							
Hard coal		306	390	459	389	272	376
Lignite and peat		135	195	227	266	221	179
Petroleum products		405	544	658	458	317	362
Natural gas		204	262	281	246	198	197
Renewables		2 190	2 162	2 623	2 840	3 123	3 112
Heating plants		1 456	1 451	1 382	1 258	1 328	1 464
<i>among which:</i>							
Hard coal		1	1	1	1	-	-
Lignite and peat		93	132	101	117	72	57
Petroleum products		236	209	215	146	129	141
Natural gas		92	71	50	30	28	23
Renewables		1 031	1 034	1 015	961	1 089	1 241
Heat production and consumption							
Total heat production	1 000 toe	4 157	4 146	4 199	4 242	4 325	4 330
<i>among which: in heating plants</i>							
		1 918	1 779	1 730	1 540	1 636	1 669
Heat consumption		3 987	4 012	4 063	4 091	4 174	4 180
<i>of which: in industry</i>							
		385	391	381	405	380	388
<i>in households and services</i>							
		3 602	3 621	3 682	3 686	3 794	3 792
<i>among which: in households</i>							
		2 362	2 371	2 408	2 440	2 513	2 528

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	SVERIGE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	20 040	18 727	20 502	20 975	20 518	19 756
Total exports	536	400	231	257	532	542
Stock changes	-177	396	-423	21	-178	542
Refinery intake	20 918	19 968	20 312	21 374	20 698	20 894
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	5 341	3 231	3 968	2 594	1 824	1 389
Near and Middle East	4 227	1 979	3 151	1 711	574	289
Africa	279	237	-	-	126	-
<i>by country of origin:</i>						
Algeria	27	-	-	-	-	-
Irak	-	-	-	-	-	-
Iran	3 081	1 979	3 151	1 711	574	289
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	-	43	-	-	-	-
Mexico	-	-	-	-	-	-
Nigeria	252	130	-	-	126	-
Norway	9 143	6 169	7 650	5 418	5 022	4 923
Russia	1 079	3 723	3 930	5 438	7 139	7 033
Saudi Arabia	1 146	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	SVERIGE					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	20 046	18 542	18 990	19 925	19 800	19 861
<i>among which:</i>						
Motor spirit	4 020	3 987	4 309	4 506	4 045	4 182
Kerosene and jet fuel	143	57	109	208	70	179
Naphtha	1 226	1 027	664	295	263	239
Gas/diesel oil	7 677	6 964	6 942	7 238	6 951	7 204
Residual fuel oil	5 519	5 069	5 170	5 450	5 576	5 226
Total imports	6 019	6 475	7 417	6 690	7 038	7 120
Total exports	9 179	8 902	9 774	10 687	9 918	10 603
Bunkers	1 429	1 239	1 660	1 954	1 995	2 144
Stock changes	188	463	-610	276	-468	45
Gross inland consumption	-4 401	-3 203	-4 627	-5 675	-5 343	-5 582
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	42	6	61	40	66	82
United Kingdom	625	559	778	387	464	305
Norway	1 138	2 076	2 426	2 378	2 441	2 478
OPEC	33	115	102	52	122	165
Imports by product						
<i>among which:</i>						
Motor spirit	1 619	1 717	1 753	1 804	1 792	1 739
Kerosene and jet fuel	839	518	596	784	821	840
Gas/diesel oil	1 267	1 909	2 311	1 895	1 867	1 835
Residual fuel oil	715	544	759	329	539	637
Exports by product						
<i>among which:</i>						
Motor spirit	1 705	1 607	1 963	2 360	1 916	2 198
Kerosene and jet fuel	-	17	15	69	13	16
Gas/diesel oil	3 771	3 574	3 810	4 290	3 807	4 154
Residual fuel oil	3 041	2 617	2 860	2 937	3 015	3 206
Consumption						
Inputs to electricity plants	419	560	678	470	328	377
Inputs to heating plants	240	212	218	148	131	142
Non-energy use	2 081	2 202	1 961	1 979	2 145	2 245
Final energy consumption	11 290	11 413	11 529	11 320	11 036	10 375
Industry						
<i>among which by product:</i>						
Gas/diesel oil	273	270	267	405	400	378
Residual fuel oil	893	875	955	984	914	898

<i>in 1 000 t</i>	SVERIGE					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	303	325	327	338	334	330
Non-ferrous metals	23	16	21	16	18	15
Chemical industry	441	345	240	295	288	108
Non-met. mineral prod.	130	163	148	145	162	163
Food, drink, tobacco	150	158	181	165	135	105
Pulp, paper and print	485	497	548	548	509	527
Engineering & metal	149	155	168	188	179	171
Other industries	65	79	68	159	160	160
Transport	8 052	7 458	7 585	7 733	7 842	7 840
<i>among which:</i>						
Motor spirit	3 965	4 092	4 109	3 942	3 866	3 745
Jet fuel	921	702	682	821	824	843
Diesel oil	3 123	2 620	2 726	2 901	3 078	3 197
Services & households etc.	1 396	2 130	2 157	1 648	1 329	881
<i>among which:</i>						
Gas oil	1 307	2 038	1 993	1 537	1 247	821
Residual fuel oil	35	46	124	74	43	48
Stocks at end of period						
Crude oil and feedstocks	1 611	1 269	1 692	1 671	1 849	1 307
Petroleum products	3 759	3 296	3 746	3 440	3 908	3 863

5. Natural gas

<i>in TJ (GCV)</i>	SVERIGE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	40 720	41 439	41 322	41 142	39 199	41 024
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	40 720	41 439	41 322	41 142	39 199	41 024
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	9 482	12 204	13 077	11 434	9 193	9 145
Inputs to heat plants	4 297	3 294	2 330	1 374	1 321	1 063
Consumption of energy branch	77	183	159	188	63	181
Distribution losses	-	-	-	-	-	-
Non-energy use	-	-	-	-	-	-
Industry	15 831	14 703	15 448	16 414	15 743	21 165
<i>among which:</i>						
Iron&steel industry	1 009	1 135	1 009	1 177	1 261	2 649
Non-ferrous metals	378	294	252	294	294	210
Chemical industry	2 775	3 364	3 280	5 340	6 013	8 241
Non-met. mineral prod.	2 943	2 186	2 102	1 640	799	1 556
Food, drink, tobacco	4 835	4 877	4 793	4 120	4 247	5 550
Pulp, paper and print	2 313	1 430	2 313	1 514	1 261	1 345
Engineering & metal	903	855	883	1 388	1 052	588
Other industries	549	478	606	731	648	900
Transport	479	560	813	717	715	1 051
Services & households etc.	6 592	6 096	6 856	7 019	7 234	6 984
<i>among which:</i>						
Households	4 215	2 194	1 814	1 985	2 127	1 525
Services	1 414	2 912	4 012	4 001	4 077	4 408

6.1 Hard coal

<i>in 1 000 t</i>	SVERIGE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	3 064	2 760	3 195	3 186	3 203	3 052
Total exports	2	2	2	8	3	2
Stock changes	209	263	-270	151	-130	185
Gross inland consumption	3 271	3 021	2 923	3 329	3 070	3 235
Imports						
Imports by origin						
<i>among which:</i>						
Australia	1 167	1 085	1 208	1 472	1 370	1 357
Colombia	166	83	-	-	-	-
Russia	190	250	174	458	847	762
South Africa	-	-	-	-	-	-
USA	487	319	346	428	492	357
Consumption						
Inputs to electricity plants	506	588	691	601	424	564
Inputs to heat plants	2	1	2	1	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	872	930	881	1 021	985	986
<i>among which:</i>						
Iron&steel industry	483	507	491	567	526	514
Non-ferrous metals	56	58	52	50	51	49
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	252	240	197	254	246	259
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	15	15	11	25	35	35
Engineering & metal	-	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

		SVERIGE					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		1 148	1 074	1 288	1 372	1 411	1 188
Patent Fuel		-	-	-	-	-	-
Lignite and peat		637	804	806	893	708	621
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		10 331	9 467	8 414	9 745	9 340	10 147
Blast-furnace gas		17 114	17 807	17 262	18 153	18 256	16 734
Gasworks gas		1 948	1 914	1 962	2 030	2 028	1 766
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		854	1 077	1 118	1 116	1 036	824
<i>among which:</i>							
Iron & steel industry		788	1 008	1 055	1 053	971	757
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		33	26	39	34	23	29
<i>among which:</i>							
Industry		33	26	39	34	23	29
Services & households		-	-	-	-	-	-
Brown coal briquettes		8	-	2	2	5	3
<i>among which:</i>							
Industry		8	-	2	2	5	3
Services & households		-	-	-	-	-	-
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		4 309	4 382	3 914	4 399	4 082	4 426
Blast-furnace gas		5 175	4 702	5 262	5 039	5 509	4 443
Gasworks gas		1 720	1 676	1 734	1 739	1 665	1 550
Inputs to electricity plants		9 974	10 966	10 796	11 967	12 339	10 793
Inputs to heat plants		113	177	12	131	159	97
Consumption of energy branch		4 933	4 390	4 302	4 763	4 511	5 039
Consumption in industry		9 688	9 261	9 350	9 741	9 731	8 969

7. Renewable energy sources

		SVERIGE					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	14 531	13 415	12 759	13 544	15 285	14 813
Hydro (excl. pumping)		6 798	5 706	4 604	5 170	6 260	5 307
Wind		41	52	58	73	80	85
Solar		6	4	5	5	6	6
Geothermal		-	-	-	-	-	-
Biomass		7 686	7 653	8 093	8 297	8 938	9 415
	<i>among which:</i>						
Wood, wood-waste		7 140	7 105	7 379	7 467	7 937	8 332
Municipal solid waste		495	480	602	635	736	765
Biogas		34	31	36	35	30	27
Gross inland consumption		14 531	13 415	12 759	13 544	15 285	14 813
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		3 221	3 195	3 638	3 802	4 212	4 353
	<i>among which:</i>						
Wood, wood-waste		2 692	2 684	3 001	3 114	3 363	3 461
Municipal waste		495	480	602	635	736	765
Biogas		34	31	36	35	30	27
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	4 471	4 462	4 460	4 500	4 732	5 068
	<i>by sector:</i>						
Industry		3 558	3 550	3 489	3 423	3 551	3 925
Services & households etc.		896	875	894	935	1 029	952
Transport		17	37	76	142	152	192
	<i>by source:</i>						
Biomass		4 465	4 457	4 455	4 495	4 726	5 063
	<i>among which:</i>						
Wood, wood-waste		4 448	4 421	4 379	4 353	4 574	4 871
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		1	-	-	-	-	-
Hydro with installed capacity < 1 MW		612	517	547	506	458	490
Hydro with installed capacity > 1 & <10 MW		3 195	2 636	2 133	3 003	3 027	2 928
Hydro with installed capacity > 10 MW		75 338	63 204	50 343	56 613	69 318	58 303
Wood, Wood-waste		3 635	4 023	5 220	6 614	6 874	7 503
Municipal waste		225	277	312	1 233	1 309	1 419
Biogas		21	27	36	62	53	46

		SVERIGE					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		1	3	3	3	-	5
Hydro with installed capacity < 1 MW		174	162	173	99	140	138
Hydro with installed capacity > 1 & <10 MW		881	774	772	724	765	760
Hydro with installed capacity > 10 MW		15 468	15 251	15 153	15 479	15 397	15 327
Wood, Wood-waste		1 778	1 670	1 670	1 670	2 526	3 202
Municipal waste		171	170	170	264	291	657
Biogas		19	20	20	20	42	24
Liquid biofuels							
Production	<i>1000 t</i>	22	49	103	215	311	397
Solar Panels							
Solar panel surface	<i>1000 m²</i>	229	165	185	276	371	409

1. Energy economy

Key figures and energy indicators

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	258 724	254 905	243 171	223 166	202 524	183 946
Net energy imports		-21 645	-28 239	-14 583	11 079	32 293	49 295
Net oil imports		-35 955	-39 424	-27 921	-14 003	-2 278	7 496
Net gas imports		-8 340	-6 983	-7 022	1 464	5 973	9 552
Gross inland energy consumption		232 720	226 832	231 157	232 527	233 311	229 525
Final energy consumption		153 343	148 956	150 779	151 937	152 188	150 565
Industry		36 334	34 877	35 580	34 136	34 296	33 608
Transport		51 758	52 042	52 665	53 912	55 187	56 060
Services and households etc.		65 251	62 037	62 533	63 889	62 706	60 897
Gross electricity generation	GWh	384 789	387 247	398 207	393 867	398 403	398 327
Final electricity consumption		332 723	333 402	336 218	338 950	344 865	342 786
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	1 046 324	1 067 807	1 097 382	1 133 142	1 153 977	1 187 707
Population	1000 per.	59 000	59 218	59 438	59 700	60 060	60 393
Industry added value	Mio EUR	261 338	258 647	260 086	263 639	260 369	260 946
Total imports (current prices)	Mio EUR	405 810	425 459	433 916	462 667	495 638	544 099
among which:							
All energy commodities		16 265	15 139	16 083	23 814	34 205	43 184
Oil products		13 540	12 815	14 029	19 846	27 766	35 254
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	222.4	212.4	210.6	205.2	202.2	193.3
Final energy consumption / GDP(95)		146.6	139.5	137.4	134.1	131.9	126.8
Energy intensity of industry:							
Final consumption / gross value-added mp		139.0	134.8	136.8	129.5	131.7	128.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		28.4	24.8	24.0	23.7	22.9	21.6
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 944	3 830	3 889	3 895	3 885	3 801
Final energy consumption / capita		2 599	2 515	2 537	2 545	2 534	2 493
Household consumption / capita		750	730	738	748	723	696
Final electricity consumption / capita	kWh/cap.	5 639	5 630	5 657	5 678	5 742	5 676
Energy dependency							
Net energy imports / Gross consumption	in %	-9.2	-12.3	-6.3	4.7	13.7	21.3
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	65.9	65.7	65.2	65.3	65.2	65.6
Efficiency of thermal power stations		42.4	43.9	43.2	43.3	43.0	43.5

2. Energy balance

Principal aggregates by product

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		258 724	254 905	243 171	223 166	202 524	183 946
<i>among which:</i>	Hard coal	18 708	17 547	16 490	15 300	11 882	10 421
	Lignite and peat	-	-	-	-	-	-
	Crude oil	119 004	118 505	108 300	97 314	86 414	78 006
	Natural Gas	95 257	93 408	92 634	86 770	79 550	72 008
	Nuclear heat	23 240	22 661	22 877	20 636	21 054	19 463
	Hydro-electricity	349	412	277	416	423	396
	Biomass	2 070	2 247	2 462	2 538	2 921	3 251
Imports							
Total		97 514	96 810	99 779	117 167	125 568	139 710
<i>among which:</i>	Hard coal	22 307	17 909	19 910	22 463	27 303	30 987
	Crude oil and feedstocks	54 596	58 192	55 281	63 754	60 025	60 524
	Petroleum products	17 225	15 062	16 692	18 746	22 817	27 278
	Natural Gas	2 358	4 681	6 678	10 295	13 416	18 884
	Electricity	917	790	440	841	960	884
Exports							
Total		119 159	125 050	114 361	106 088	93 276	90 415
<i>among which:</i>	Crude oil and feedstocks	88 638	89 054	76 456	65 809	55 169	51 123
	Petroleum products	19 138	23 624	23 437	30 694	29 952	29 184
	Natural gas	10 697	11 665	13 700	8 831	7 443	9 332
	Electricity	23	66	254	197	244	238
Gross inland consumption							
Total		232 720	226 832	231 157	232 527	233 311	229 525
<i>among which:</i>	Solid fuels	38 751	35 753	38 831	38 347	38 387	41 334
	Crude oil and petrol. prod.	79 705	78 591	79 926	81 294	83 126	82 278
	Natural gas	86 650	85 855	85 882	87 752	85 625	81 062
	Nuclear Energy	23 240	22 661	22 877	20 636	21 054	19 463
	Renewables	2 516	2 787	2 978	3 499	4 048	4 425
Transformation input							
Total		176 311	174 416	177 340	180 457	177 634	173 272
<i>among which:</i>	Crude oil and feedstocks	85 103	86 746	86 448	91 734	87 832	84 743
	Petroleum products	1 338	688	799	686	737	658
	Hard coal	36 027	33 069	35 707	34 356	35 231	37 046
	Lignite and peat	-	-	-	-	-	-
	Renewables	1 541	1 702	1 993	2 313	2 805	2 904
Transformation output							
Total		124 707	125 745	127 208	131 162	127 647	124 671
<i>among which:</i>	Electricity	32 446	32 549	33 616	33 056	33 332	33 159
	Heat	2 278	2 090	1 813	1 274	1 346	1 347

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		153 343	148 956	150 779	151 937	152 188	150 565
<i>among which:</i>	Solid fuels	5 649	4 821	4 968	4 690	4 418	4 520
	Petroleum products	63 371	62 422	62 916	64 315	65 917	66 497
	Natural Gas	52 033	49 711	51 031	51 372	49 906	47 480
	Renewables	542	565	596	603	570	761
	Electricity	28 609	28 667	28 910	29 144	29 653	29 474
Final energy consumption by sector							
Industry							
Total		36 334	34 877	35 580	34 136	34 296	33 608
<i>among which:</i>	Solid fuels	4 142	3 645	4 004	3 891	3 823	3 976
	Petroleum Products	6 637	6 552	7 050	6 767	7 024	6 986
	Natural Gas	13 917	12 782	12 863	11 914	11 842	11 125
	Renewables	201	206	217	216	128	126
	Electricity	9 573	9 686	9 747	9 960	10 191	10 000
Transport							
Total		51 758	52 042	52 665	53 912	55 187	56 060
<i>among which:</i>	Motor spirit	22 060	21 919	20 980	20 527	19 739	19 116
	Diesel oil	17 941	18 443	19 736	20 337	21 359	22 369
	Jet fuel	10 913	10 816	11 067	11 927	12 810	12 956
	Electricity	759	727	706	728	737	733
Services&households							
Total		65 251	62 037	62 533	63 889	62 706	60 897
<i>among which:</i>	Solid fuels	1 508	1 176	964	799	595	543
	Gas oil	1 857	1 627	964	1 237	1 530	1 349
	Natural Gas	38 115	36 929	38 168	39 458	38 064	36 354
	Renewables	341	356	365	371	372	370
	Electricity	18 277	18 255	18 456	18 456	18 725	18 741
	Heat	1 274	763	659	425	438	438

3.1 Electricity balance

	UNITED KINGDOM						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		384 789	387 247	398 207	393 867	398 403	398 327
<i>among which:</i>							
Hydro		6 478	7 439	5 961	7 492	7 852	8 458
Wind		965	1 256	1 285	1 935	2 904	4 225
Geothermal		-	-	-	-	-	-
Nuclear		90 093	87 848	88 686	79 999	81 618	75 451
Conventional thermal		287 250	290 700	302 272	304 437	306 021	310 186
<i>of which:</i>							
Hard coal		131 461	124 279	138 305	131 788	134 848	150 283
Lignite and peat		-	-	-	-	-	-
Petroleum products		5 252	4 799	4 594	4 644	5 135	4 999
Natural gas		141 905	152 276	148 881	157 065	152 709	141 343
Derived gases		1 587	1 402	1 537	1 480	1 655	1 651
Biomass		4 984	5 285	6 692	7 878	9 646	9 946
Industrial wastes		2 061	2 659	2 263	1 582	2 028	1 964
Total net generation		367 390	370 117	380 069	376 833	380 523	379 752
Imports and exports							
Total imports		10 663	9 182	5 119	9 784	11 160	10 282
Total exports		264	768	2 959	2 294	2 839	2 765
Consumption and losses							
Consumption of the energy branch		27 967	28 646	29 345	26 644	27 608	28 213
<i>of which:</i>							
Consumption for pumped-storage		788	812	812	848	777	1 065
Network losses		32 077	30 963	32 070	33 116	31 328	30 998
Final energy consumption		332 723	333 402	336 218	338 950	344 865	342 786
<i>of which:</i>							
Industry		111 337	112 648	113 358	115 840	118 521	116 304
<i>among which:</i>							
Iron&steel industry		5 303	5 092	5 434	5 412	5 019	5 849
Non-ferrous metals		7 324	6 365	7 284	7 518	7 693	7 685
Chemical industry		21 079	22 861	20 941	21 128	22 117	20 780
Non-met. mineral prod.		7 247	7 115	7 651	7 835	7 978	7 975
Food, drink, tobacco		11 570	12 166	11 949	12 348	12 600	12 211
Pulp, paper and print		11 511	11 988	12 750	13 671	13 757	13 512
Engineering & metal		20 089	20 299	20 519	21 001	21 941	21 728
Other industries		23 911	23 299	23 387	23 520	23 939	23 089
Transport		8 828	8 454	8 212	8 463	8 574	8 527
Services & households etc.		212 558	212 300	214 648	214 647	217 770	217 955
<i>among which:</i>							
Households		115 337	114 534	115 761	115 526	116 811	116 449

3.2 Electrical capacity, fuel inputs and heat

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	79 918	77 009	78 717	80 204	81 482	83 132
by source:							
Conventional thermal		62 709	59 981	61 903	63 132	63 776	65 960
<i>of which:</i>							
Steam		36 817	32 586	32 016	32 402	32 690	34 016
Gas turbine		2 442	2 557	2 988	1 962	1 751	1 858
Combined cycle		22 294	23 655	25 504	25 751	26 445	27 059
Internal combustion		173	166	174	164	165	181
Nuclear		12 486	12 240	11 852	11 852	11 852	10 969
Hydro		4 296	4 254	4 220	4 287	4 289	4 248
<i>among which:</i>							
Pumped storage		2 788	2 788	2 788	2 788	2 788	2 726
Wind		427	534	742	933	1 565	1 955
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		73 382	70 369	71 465	73 373	74 011	75 091
Autoproducers		6 540	6 645	7 259	6 840	7 483	8 052
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	58 193	56 958	60 194	60 423	61 198	61 294
<i>among which:</i>							
Hard coal		30 185	28 240	31 034	29 845	30 920	32 507
Lignite and peat		-	-	-	-	-	-
Petroleum products		696	448	653	627	679	601
Natural gas		24 217	25 526	25 118	26 375	25 468	24 017
Renewables		1 541	1 702	1 993	2 313	2 805	2 904
Heating plants		3 109	2 541	2 160	2 078	2 114	2 092
<i>among which:</i>							
Hard coal		451	446	370	281	268	272
Lignite and peat		-	-	-	-	-	-
Petroleum products		642	240	145	59	59	57
Natural gas		1 825	1 703	1 535	1 690	1 740	1 715
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	2 278	2 090	1 813	1 274	1 346	1 347
<i>among which: in heating plants</i>							
		2 278	2 090	1 813	1 274	1 346	1 347
Heat consumption		2 275	2 084	1 810	1 258	1 248	1 275
<i>of which: in industry</i>							
		1 001	1 321	1 152	832	811	837
<i>in households and services</i>							
		1 274	763	659	425	438	438
<i>among which: in households</i>							
		32	33	11	52	52	52

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	UNITED KINGDOM					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	116 679	115 944	106 073	95 374	84 722	76 578
Total imports	53 551	56 968	54 177	62 517	58 882	59 444
Total exports	86 918	87 144	74 898	64 503	54 098	50 196
Stock changes	-611	144	1 125	-134	-384	-354
Refinery intake	83 469	84 909	84 706	89 938	86 136	83 213
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	3 672	4 490	4 994	4 479	5 338	5 240
Near and Middle East	2 022	2 991	2 751	1 603	2 113	220
Africa	1 526	1 283	1 334	4 170	3 539	3 995
<i>by country of origin:</i>						
Algeria	888	1 027	1 072	1 471	1 619	1 827
Irak	-	-	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	41
Kuwait	-	-	-	-	-	-
Libya	-	129	-	154	529	1 250
Mexico	488	788	583	322	442	340
Nigeria	116	-	130	248	324	422
Norway	27 972	29 493	32 578	39 771	37 373	31 798
Russia	2 687	3 520	4 355	7 457	5 051	8 385
Saudi Arabia	1 531	2 041	2 668	1 357	1 313	4
Syria	491	950	83	161	713	-
United Arab Emirates	-	-	-	-	87	216

4.2 Petroleum products

<i>in 1 000 t</i>	UNITED KINGDOM					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	82 092	83 998	84 529	89 826	86 003	83 080
<i>among which:</i>						
Motor spirit	21 556	22 972	22 653	24 620	22 652	21 468
Kerosene and jet fuel	8 998	8 871	8 798	9 228	8 492	9 635
Naphtha	3 463	3 174	3 516	3 176	3 023	2 734
Gas/diesel oil	26 796	28 393	27 579	28 839	28 691	26 080
Residual fuel oil	11 912	10 551	11 517	12 988	11 728	12 277
Total imports	16 947	14 900	16 473	18 543	22 510	26 824
Total exports	19 088	23 444	23 316	30 494	29 723	29 010
Bunkers	2 218	1 913	1 764	2 085	2 053	2 348
Stock changes	-624	1 132	37	-289	1 046	-841
Gross inland consumption	-4 983	-9 325	-8 570	-13 936	-7 900	-5 072
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	1 338	533	532	1 023	2 788	4 354
United Kingdom	-	-	-	-	-	-
Norway	565	164	434	1 429	2 131	1 141
OPEC	4 378	2 694	3 147	6 679	5 273	4 893
Imports by product						
<i>among which:</i>						
Motor spirit	3 618	2 316	2 034	2 194	2 389	3 805
Kerosene and jet fuel	6 320	6 999	7 673	8 018	9 490	8 653
Gas/diesel oil	4 098	3 219	3 503	4 216	4 922	8 063
Residual fuel oil	980	558	394	612	1 527	1 332
Exports by product						
<i>among which:</i>						
Motor spirit	4 453	5 538	5 608	7 342	6 589	7 001
Kerosene and jet fuel	623	990	1 143	1 396	1 678	1 309
Gas/diesel oil	5 287	6 352	5 528	6 623	6 315	5 819
Residual fuel oil	5 441	5 780	6 385	8 936	8 452	8 371
Consumption						
Inputs to electricity plants	726	467	682	652	706	624
Inputs to heating plants	670	250	151	61	61	59
Non-energy use	8 845	9 675	10 413	10 583	10 676	9 832
Final energy consumption	61 421	60 505	61 001	62 405	63 988	64 566
Industry	6 537	6 429	6 906	6 640	6 879	6 822
<i>among which by product:</i>						
Gas/diesel oil	3 547	3 458	3 542	3 008	3 435	3 050
Residual fuel oil	1 047	994	1 126	1 273	1 055	1 078

<i>in 1 000 t</i>	UNITED KINGDOM					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	204	264	247	330	283	249
Non-ferrous metals	76	75	45	50	50	50
Chemical industry	316	314	374	189	183	181
Non-met. mineral prod.	269	239	223	186	198	184
Food, drink, tobacco	277	238	206	319	298	262
Pulp, paper and print	106	74	53	55	80	56
Engineering & metal	457	430	267	245	273	251
Other industries	4 291	4 280	5 218	5 198	5 412	5 469
Transport	49 330	49 642	50 290	51 511	52 723	53 420
<i>among which:</i>						
Motor spirit	20 991	20 857	19 963	19 532	18 783	18 190
Jet fuel	10 626	10 531	10 776	11 613	12 473	12 615
Diesel oil	17 633	18 126	19 397	19 988	20 992	21 985
Services & households etc.	5 554	4 434	3 805	4 254	4 386	4 324
<i>among which:</i>						
Gas oil	1 825	1 599	947	1 216	1 504	1 326
Residual fuel oil	187	140	142	130	101	114
Stocks at end of period						
Crude oil and feedstocks	7 533	7 389	6 234	6 368	6 752	7 106
Petroleum products	7 965	6 833	6 796	7 085	6 039	6 880

5. Natural gas

<i>in TJ (GCV)</i>	UNITED KINGDOM					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	4 431 339	4 345 335	4 309 312	4 036 525	3 700 645	3 349 811
Total imports	109 673	217 769	310 675	478 926	624 135	878 505
Total exports	497 640	542 634	637 337	410 803	346 260	434 129
Stock changes	-12 427	-26 482	12 571	-22 446	4 756	-23 166
Gross inland consumption	4 030 945	3 993 988	3 995 221	4 082 202	3 983 276	3 771 021
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	16 570	74 584
Egypt	-	-	-	-	-	44 874
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	45 841	136 380	258 317	343 323	460 416	565 333
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	2 804
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	1 126 580	1 187 450	1 168 488	1 226 967	1 184 770	1 117 279
Inputs to heat plants	84 910	79 232	71 388	78 637	80 941	79 802
Consumption of energy branch	335 128	332 464	324 003	321 985	314 242	289 526
Distribution losses	26 002	30 869	18 444	26 043	34 837	40 041
Non-energy use	40 943	38 808	36 076	36 076	34 996	34 200
Industry	647 435	594 598	598 381	554 230	550 890	517 558
<i>among which:</i>						
Iron&steel industry	30 607	31 648	37 177	34 976	30 274	29 421
Non-ferrous metals	20 387	18 918	17 212	11 517	11 589	11 524
Chemical industry	180 230	159 397	162 173	151 205	153 599	141 169
Non-met. mineral prod.	56 034	50 890	50 778	48 244	47 910	44 009
Food, drink, tobacco	106 909	103 982	103 676	101 636	101 875	99 399
Pulp, paper and print	59 648	55 627	57 233	49 963	49 050	42 612
Engineering & metal	96 167	91 473	90 512	82 787	84 102	78 968
Other industries	68 775	54 450	51 176	48 270	47 385	47 162
Transport	-	-	-	-	-	-
Services & households etc.	1 773 133	1 717 938	1 775 588	1 835 590	1 770 756	1 691 201
<i>among which:</i>						
Households	1 365 934	1 354 939	1 391 350	1 427 079	1 382 432	1 312 396
Services	398 815	354 553	375 872	400 034	380 184	371 557

6.1 Hard coal

<i>in 1 000 t</i>	UNITED KINGDOM					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	31 513	29 539	27 759	24 536	20 008	18 079
Total imports	35 542	28 686	31 891	36 153	43 968	50 456
Total exports	549	537	542	621	536	443
Stock changes	-3 392	501	3 237	-60	-2 128	-1 258
Gross inland consumption	63 531	58 639	62 865	60 569	61 802	67 283
Imports						
Imports by origin						
<i>among which:</i>						
Australia	7 075	5 093	5 664	6 180	4 465	4 018
Colombia	6 722	3 556	3 411	3 635	3 292	3 798
Russia	3 895	4 374	5 387	9 932	17 528	22 318
South Africa	10 259	9 876	12 221	10 149	13 034	12 953
USA	2 610	1 566	1 154	2 065	1 509	1 993
Consumption						
Inputs to electricity plants	50 931	47 741	52 464	50 444	52 084	57 323
Inputs to heat plants	750	717	622	473	450	450
Consumption of energy branch	10	9	6	8	6	4
Industry						
<i>among which:</i>						
Iron&steel industry	765	726	882	895	1 039	1 121
Non-ferrous metals	13	24	13	12	41	40
Chemical industry	35	61	70	148	140	139
Non-met. mineral prod.	1 260	1 213	1 199	1 127	1 120	1 047
Food, drink, tobacco	42	45	50	38	24	25
Pulp, paper and print	107	119	128	141	142	141
Engineering & metal	81	82	86	98	71	71
Other industries	213	181	225	203	182	183
Services & households etc.	1 942	1 306	1 068	969	653	572

6.2 Coal derivatives and peat

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		5 516	4 559	4 601	4 335	4 364	4 682
Patent Fuel		487	431	392	318	258	260
Lignite and peat		-	-	-	-	-	-
Brown coal briquettes		-	-	-	-	-	-
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		41 702	34 752	34 740	32 818	33 633	35 576
Blast-furnace gas		53 160	47 268	56 844	56 772	58 316	59 196
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		3 608	3 056	3 342	3 154	2 957	3 226
<i>among which:</i>							
Iron & steel industry		3 219	2 624	3 069	2 989	2 842	3 124
Services & households		67	178	129	51	34	22
Patent Fuel		483	414	358	315	256	257
<i>among which:</i>							
Services & households		446	392	341	303	256	257
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		11 256	7 057	6 415	7 190	4 136	5 162
Blast-furnace gas		26 010	22 380	17 143	16 733	16 235	18 706
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		25 138	24 871	39 081	38 582	41 462	40 468
Inputs to heat plants		8 663	6 869	4 993	2 151	2 151	2 151
Consumption of energy branch		19 327	17 204	17 633	16 642	16 579	17 345
Consumption in industry		37 266	29 437	23 558	23 923	20 371	23 868

7. Renewable energy sources

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	2 516	2 784	2 871	3 146	3 625	4 048
Hydro (excl. pumping)		349	412	277	416	423	396
Wind		83	108	110	166	250	363
Solar		13	16	20	25	30	37
Geothermal		1	1	1	1	1	1
Biomass		2 070	2 247	2 462	2 538	2 921	3 251
	<i>among which:</i>						
Wood, wood-waste		633	705	723	591	883	801
Municipal solid waste		532	583	612	593	598	647
Biogas		904	960	1 128	1 353	1 440	1 499
Gross inland consumption		2 516	2 787	2 978	3 499	4 048	4 425
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		1 541	1 702	1 993	2 313	2 805	2 904
	<i>among which:</i>						
Wood, wood-waste		237	309	419	532	937	918
Municipal waste		457	494	506	487	484	543
Biogas		847	899	1 068	1 293	1 384	1 443
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	542	565	596	603	570	761
	<i>by sector:</i>						
Industry		201	206	217	216	128	126
Services & households etc.		341	356	365	371	372	370
Transport		-	3	14	16	70	265
	<i>by source:</i>						
Biomass		528	548	576	578	540	724
	<i>among which:</i>						
Wood, wood-waste		396	396	396	396	300	300
Municipal waste		75	88	106	106	114	104
Biogas		57	61	60	60	56	56
Geothermal		1	1	1	1	1	1
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		3	4	3	4	8	7
Hydro with installed capacity < 1 MW		21	20	14	28	44	48
Hydro with installed capacity > 1 & <10 MW		189	183	129	254	399	429
Hydro with installed capacity > 10 MW		3 845	4 585	3 085	4 561	4 478	4 128
Wood, Wood-waste		776	1 128	1 538	1 942	3 382	3 324
Municipal waste		1 408	1 452	1 544	1 554	1 542	1 734
Biogas		2 870	3 045	3 610	4 382	4 722	4 888

		UNITED KINGDOM					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		3	4	6	8	11	10
Hydro with installed capacity < 1 MW		27	33	33	52	56	56
Hydro with installed capacity > 1 & <10 MW		162	161	86	91	102	97
Hydro with installed capacity > 10 MW		1 440	1 396	1 367	1 356	1 343	1 369
Wood, Wood-waste		133	144	163	157	475	512
Municipal waste		189	203	217	223	234	237
Biogas		503	535	676	790	888	918
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	347
Solar Panels							
Solar panel surface	<i>1000 m²</i>	396	446	583	583	583	583

1. Energy economy

Key figures and energy indicators

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	3 736	3 694	3 735	3 860	3 786	4 131
Net energy imports		4 178	4 979	4 997	5 120	5 262	4 881
Net oil imports		2 775	3 496	3 359	3 474	3 637	3 563
Net gas imports		684	590	651	577	562	189
Gross inland energy consumption		7 975	8 264	8 851	8 866	8 939	8 966
Final energy consumption		5 470	5 602	5 960	6 147	6 326	6 438
Industry		1 441	1 393	1 442	1 558	1 576	1 637
Transport		1 550	1 647	1 775	1 828	1 910	2 028
Services and households etc.		2 479	2 561	2 743	2 761	2 840	2 773
Gross electricity generation	GWh	12 175	12 286	12 670	13 322	12 459	12 430
Final electricity consumption		11 958	12 654	12 922	13 646	14 355	15 023
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	18 565	19 596	20 627	21 487	20 832	21 824
Population	1000 per.	4 438	4 444	4 442	4 442	4 444	4 443
Industry added value	Mio EUR	5 057	5 269	5 697	6 050	6 286	:
Total imports (current prices)	Mio EUR	9 954	11 290	12 652	13 233	13 697	14 695
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	429.6	421.7	429.1	412.6	429.1	410.8
Final energy consumption / GDP(95)		294.7	285.9	288.9	286.1	303.7	295.0
Energy intensity of industry:							
Final consumption / gross value-added mp		284.9	264.4	253.1	257.5	250.7	:
Energy intensity of service sector:							
Final consumption / gross value-added mp		65.1	64.9	65.0	65.1	66.0	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 797	1 859	1 992	1 996	2 012	2 018
Final energy consumption / capita		1 233	1 260	1 342	1 384	1 423	1 449
Household consumption / capita		375	389	421	425	433	418
Final electricity consumption / capita	kWh/cap.	2 695	2 847	2 909	3 072	3 230	3 381
Energy dependency							
Net energy imports / Gross consumption	in %	52.2	60.1	56.3	57.6	58.7	54.3
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	68.6	67.8	67.3	69.3	70.8	71.8
Efficiency of thermal power stations		48.0	47.5	49.0	50.6	50.8	50.2

2. Energy balance

Principal aggregates by product

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		3 736	3 694	3 735	3 860	3 786	4 131
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Crude oil	1 239	1 205	1 146	1 087	1 020	986
	Natural Gas	1 642	1 732	1 789	1 796	1 865	2 217
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	563	461	419	598	545	516
	Biomass	292	296	381	379	355	412
Imports							
Total		6 121	6 984	7 109	7 644	7 860	7 785
<i>among which:</i>	Hard coal	402	542	606	707	574	643
	Crude oil and feedstocks	4 063	4 335	4 379	4 549	4 374	4 014
	Petroleum products	404	834	762	1 024	1 184	1 443
	Natural Gas	885	886	930	861	926	920
	Electricity	322	338	385	456	752	715
Exports							
Total		1 943	2 004	2 112	2 523	2 598	2 904
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	1 692	1 673	1 781	2 099	1 921	1 895
	Natural gas	201	296	279	284	365	732
	Electricity	51	35	50	140	312	231
Gross inland consumption							
Total		7 975	8 264	8 851	8 866	8 939	8 966
<i>among which:</i>	Solid fuels	481	584	654	690	684	635
	Crude oil and petrol. prod.	4 052	4 250	4 706	4 425	4 539	4 613
	Natural gas	2 315	2 370	2 356	2 458	2 377	2 351
	Nuclear Energy	-	-	-	-	-	-
	Renewables	855	757	800	977	901	884
Transformation input							
Total		6 626	7 005	7 435	7 080	6 854	6 528
<i>among which:</i>	Crude oil and feedstocks	5 049	5 209	5 496	5 455	5 258	4 925
	Petroleum products	567	548	775	421	506	511
	Hard coal	392	489	529	494	532	496
	Lignite and peat	4	3	3	5	5	5
	Renewables	-	-	-	1	3	2
Transformation output							
Total		5 802	6 056	6 446	6 270	6 069	5 724
<i>among which:</i>	Electricity	481	589	665	539	517	541
	Heat	304	289	313	307	318	284

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		5 470	5 602	5 960	6 147	6 326	6 438
<i>among which:</i>	Solid fuels	85	92	118	191	146	133
	Petroleum products	2 713	2 830	2 955	2 977	3 093	3 216
	Natural Gas	1 104	1 051	1 130	1 170	1 232	1 193
	Renewables	292	296	381	378	352	364
	Electricity	1 028	1 088	1 111	1 173	1 234	1 292
Final energy consumption by sector							
Industry							
Total		1 441	1 393	1 442	1 558	1 576	1 637
<i>among which:</i>	Solid fuels	77	80	103	181	136	124
	Petroleum Products	471	457	441	430	503	557
	Natural Gas	517	482	491	527	528	525
	Renewables	47	48	60	64	53	63
	Electricity	266	268	294	304	301	318
Transport							
Total		1 550	1 647	1 775	1 828	1 910	2 028
<i>among which:</i>	Motor spirit	772	781	778	743	730	731
	Diesel oil	666	752	883	964	1 036	1 133
	Jet fuel	74	71	70	80	96	99
	Electricity	21	22	23	23	24	24
Services&households							
Total		2 479	2 561	2 743	2 761	2 840	2 773
<i>among which:</i>	Solid fuels	8	12	15	9	11	9
	Gas oil	613	630	645	631	590	543
	Natural Gas	587	569	640	643	704	668
	Renewables	245	248	321	314	299	301
	Electricity	740	797	795	847	910	950
	Heat	180	180	202	198	204	182

3.1 Electricity balance

<i>in GWh</i>	HRVATSKA					
	2001	2002	2003	2004	2005	2006
Generation						
Total gross generation	12 175	12 286	12 670	13 322	12 459	12 430
<i>among which:</i>						
Hydro	6 585	5 432	4 936	7 051	6 438	6 124
Wind	-	-	-	2	10	19
Geothermal	-	-	-	-	-	-
Nuclear	-	-	-	-	-	-
Conventional thermal	5 590	6 854	7 734	6 269	6 011	6 287
<i>of which:</i>						
Hard coal	1 625	2 096	2 393	2 120	2 310	2 234
Lignite and peat	13	13	10	19	18	23
Petroleum products	2 133	2 218	3 158	1 667	1 855	1 961
Natural gas	1 819	2 527	2 173	2 459	1 814	2 058
Derived gases	-	-	-	-	-	-
Biomass	-	-	-	4	14	11
Industrial wastes	-	-	-	-	-	-
Total net generation	11 734	11 750	12 115	12 822	11 995	11 953
Imports and exports						
Total imports	3 744	3 927	4 479	5 298	8 746	8 313
Total exports	588	406	586	1 633	3 634	2 691
Consumption and losses						
Consumption of the energy branch	874	1 009	1 038	1 024	980	996
<i>of which:</i>						
Consumption for pumped-storage	16	28	26	40	44	53
Network losses	2 461	2 077	2 543	2 224	2 131	1 909
Final energy consumption	11 958	12 654	12 922	13 646	14 355	15 023
<i>of which:</i>						
Industry	3 098	3 121	3 414	3 530	3 498	3 701
<i>among which:</i>						
Iron&steel industry	148	122	137	188	180	206
Non-ferrous metals	76	92	80	80	93	91
Chemical industry	504	494	528	469	474	477
Non-met. mineral prod.	607	621	698	654	685	722
Food, drink, tobacco	434	454	527	583	530	566
Pulp, paper and print	291	307	321	291	312	326
Engineering & metal	338	356	379	410	423	452
Other industries	483	470	543	619	575	631
Transport	250	261	267	263	275	279
Services & households etc.	8 610	9 272	9 241	9 853	10 582	11 043
<i>among which:</i>						
Households	5 559	5 954	5 694	6 072	6 333	6 520

3.2 Electrical capacity, fuel inputs and heat

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	3 754	3 931	3 919	3 937	3 866	3 879
by source:							
Conventional thermal		1 675	1 865	1 843	1 854	1 800	1 802
<i>of which:</i>							
Steam		1 401	1 409	1 387	1 389	1 395	1 394
Gas turbine		210	196	196	203	130	130
Combined cycle		6	208	208	208	262	262
Internal combustion		58	52	52	54	13	16
Nuclear		-	-	-	-	-	-
Hydro		2 079	2 066	2 076	2 083	2 060	2 060
<i>among which:</i>							
Pumped storage		291	291	293	293	256	256
Wind		-	-	-	-	6	17
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		3 504	3 681	3 690	3 718	3 653	3 664
Autoproducers		250	250	229	225	213	215
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	1 466	1 688	1 827	1 515	1 479	1 500
<i>among which:</i>							
Hard coal		392	489	529	494	532	496
Lignite and peat		4	3	3	5	5	5
Petroleum products		515	495	720	364	449	461
Natural gas		556	701	575	651	490	535
Renewables		-	-	-	1	3	2
Heating plants		98	94	98	98	104	90
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		40	38	40	44	44	38
Natural gas		57	55	57	53	58	51
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	304	289	313	307	318	284
<i>among which: in heating plants</i>							
		80	76	83	79	83	71
Heat consumption		239	232	254	249	257	229
<i>of which: in industry</i>							
		59	53	52	51	54	48
<i>in households and services</i>							
		180	180	202	198	204	182
<i>among which: in households</i>							
		151	147	161	157	164	146

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	HRVATSKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 217	1 185	1 125	1 068	1 004	973
Total imports	3 991	4 265	4 302	4 470	4 306	3 962
Total exports	-	-	-	-	-	-
Stock changes	-73	-156	138	1	41	92
Refinery intake	4 960	5 124	5 399	5 361	5 177	4 861
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	388	80	232	80	80	-
Near and Middle East	785	1 168	1 415	481	484	-
Africa	388	-	232	80	80	-
<i>by country of origin:</i>						
Algeria	-	-	-	-	-	-
Irak	-	80	-	-	-	-
Iran	-	-	-	-	-	-
Kazakhstan	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-
Libya	388	-	232	80	80	-
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	1 569	2 727	1 578	2 940	3 435	3 799
Saudi Arabia	-	-	-	-	-	-
Syria	785	1 088	1 415	481	484	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	HRVATSKA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	4 919	5 080	5 358	5 320	5 141	4 823
<i>among which:</i>						
Motor spirit	1 210	1 209	1 261	1 226	1 168	1 083
Kerosene and jet fuel	75	69	76	92	100	69
Naphtha	166	169	165	212	177	128
Gas/diesel oil	1 650	1 640	1 873	1 741	1 603	1 565
Residual fuel oil	1 021	1 062	1 036	1 012	1 160	1 097
Total imports	409	844	773	1 041	1 213	1 476
Total exports	1 641	1 626	1 726	2 052	1 873	1 853
Bunkers	29	24	22	24	25	20
Stock changes	141	-274	85	-113	-134	-13
Gross inland consumption	-1 120	-1 080	-890	-1 148	-819	-410
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	2	7	4	3	2	2
United Kingdom	-	72	-	-	-	14
Norway	-	-	77	-	-	-
OPEC	45	62	13	7	113	189
Imports by product						
<i>among which:</i>						
Motor spirit	41	77	89	137	257	307
Kerosene and jet fuel	13	14	3	1	4	29
Gas/diesel oil	165	321	234	471	543	686
Residual fuel oil	137	331	326	213	85	118
Exports by product						
<i>among which:</i>						
Motor spirit	555	468	631	609	706	680
Kerosene and jet fuel	20	8	13	10	3	3
Gas/diesel oil	439	401	454	495	349	394
Residual fuel oil	72	85	4	304	234	226
Consumption						
Inputs to electricity plants	538	518	753	381	469	482
Inputs to heating plants	42	40	42	46	46	39
Non-energy use	211	248	327	372	327	321
Final energy consumption	2 658	2 773	2 891	2 925	3 062	3 192
Industry						
<i>among which by product:</i>						
Gas/diesel oil	131	119	145	137	163	166
Residual fuel oil	309	309	268	218	182	192

<i>in 1 000 t</i>	HRVATSKA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	4	2	2	3	5	4
Non-ferrous metals	4	5	5	7	6	7
Chemical industry	99	74	81	105	58	104
Non-met. mineral prod.	196	194	151	139	233	253
Food, drink, tobacco	51	59	51	33	48	43
Pulp, paper and print	3	4	6	16	16	12
Engineering & metal	8	9	9	12	16	16
Other industries	85	86	107	111	139	155
Transport	1 477	1 571	1 696	1 749	1 828	1 943
<i>among which:</i>						
Motor spirit	735	743	740	707	695	696
Jet fuel	72	69	68	78	93	96
Diesel oil	655	739	868	947	1 018	1 114
Services & households etc.	697	733	746	725	688	639
<i>among which:</i>						
Gas oil	602	619	634	620	580	534
Residual fuel oil	21	40	36	25	27	20
Stocks at end of period						
Crude oil and feedstocks	344	500	362	361	320	228
Petroleum products	-	-	-	-	-	-

5. Natural gas

<i>in TJ (GCV)</i>	HRVATSKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	76 395	80 572	83 205	83 528	86 769	103 113
Total imports	41 162	41 207	43 274	40 037	43 096	42 807
Total exports	9 329	13 764	12 996	13 209	16 971	34 033
Stock changes	-528	2 253	-3 876	3 997	-2 318	-2 531
Gross inland consumption	107 700	110 268	109 607	114 353	110 576	109 356
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	41 162	41 207	43 274	40 037	43 096	42 807
Consumption						
Inputs to electricity plants	25 882	32 590	26 760	30 290	22 807	24 910
Inputs to heat plants	2 664	2 554	2 645	2 443	2 709	2 360
Consumption of energy branch	7 129	6 718	6 254	5 943	7 217	6 528
Distribution losses	3 705	4 102	3 819	2 846	2 352	2 481
Non-energy use	16 982	15 398	17 552	18 419	18 168	17 590
Industry	24 050	22 416	22 827	24 495	24 559	24 418
<i>among which:</i>						
Iron&steel industry	855	490	669	543	578	840
Non-ferrous metals	171	122	49	68	38	11
Chemical industry	4 727	3 830	4 636	6 460	5 856	5 221
Non-met. mineral prod.	8 930	8 402	7 706	7 102	7 372	6 996
Food, drink, tobacco	4 849	5 054	5 024	5 939	6 118	6 456
Pulp, paper and print	2 018	2 158	2 109	1 851	1 965	2 234
Engineering & metal	638	543	726	962	984	1 068
Other industries	342	282	342	567	699	737
Transport	-	-	-	-	-	-
Services & households etc.	27 288	26 490	29 750	29 917	32 764	31 069
<i>among which:</i>						
Households	21 337	20 851	24 058	23 921	26 136	24 765
Services	5 054	4 716	4 936	5 259	5 746	5 586

6.1 Hard coal

<i>in 1 000 t</i>	HRVATSKA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	643	879	1 035	1 218	958	1 083
Total exports	-	-	-	-	-	-
Stock changes	57	-7	2	-111	99	-96
Gross inland consumption	700	872	1 037	1 107	1 057	987
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	68	-	-	-
Colombia	-	128	68	901	-	204
Russia	6	-	-	-	328	445
South Africa	331	266	210	-	339	75
USA	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	627	794	904	852	888	836
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	69	78	126	254	169	151
<i>among which:</i>						
Iron&steel industry	-	-	-	-	1	-
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	69	78	126	252	168	148
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	3
Other industries	-	-	-	-	-	-
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
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		452	615	591	473	556	597
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		19	17	17	20	23	21
<i>among which:</i>							
Iron & steel industry		5	6	3	-	4	7
Services & households		-	-	-	-	-	-
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		75	84	86	72	71	71
<i>among which:</i>							
Industry		53	52	46	49	45	49
Services & households		22	32	40	23	26	22
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		394	548	500	411	490	513
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		30	32	33	32	42	59
Consumption of energy branch		-	-	-	-	-	-
Consumption in industry		148	237	108	70	101	102

7. Renewable energy sources

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	855	757	800	977	901	929
Hydro (excl. pumping)		563	461	419	598	545	516
Wind		-	-	-	0	1	2
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		292	296	381	379	355	412
	<i>among which:</i>						
Wood, wood-waste		292	296	381	379	353	410
Municipal solid waste		-	-	-	-	-	-
Biogas		-	-	-	-	3	1
Gross inland consumption		855	757	800	977	901	884
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		-	-	-	1	3	2
	<i>among which:</i>						
Wood, wood-waste		-	-	-	1	1	1
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	3	1
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	292	296	381	378	352	364
	<i>by sector:</i>						
Industry		47	48	60	64	53	63
Services & households etc.		245	248	321	314	299	301
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		292	296	381	378	352	364
	<i>among which:</i>						
Wood, wood-waste		292	296	381	378	352	364
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	2	1	1	1
Hydro with installed capacity > 1 & <10 MW		91	96	72	124	107	99
Hydro with installed capacity > 10 MW		6456	5 269	4 802	6 832	6 225	5 900
Wood, Wood-waste		-	-	-	4	3	5
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	11	6

		HRVATSKA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		-	-	1	1	1	1
Hydro with installed capacity > 1 & <10 MW		38	38	33	31	32	32
Hydro with installed capacity > 10 MW		1 750	1 737	1 749	1 758	1 771	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					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	25 161	24 648	23 873	24 212	23 626	26 538
Net energy imports		46 188	51 107	56 776	58 705	62 143	69 293
Net oil imports		26 949	28 616	28 572	29 510	28 390	30 677
Net gas imports		13 217	14 340	17 283	18 123	22 134	25 179
Gross inland energy consumption		71 609	75 465	79 402	81 999	85 340	94 661
Final energy consumption		50 233	54 699	58 652	60 404	63 243	69 069
Industry		16 704	20 231	22 515	22 743	22 494	24 725
Transport		11 722	12 595	12 636	12 860	13 398	14 904
Services and households etc.		21 808	21 873	23 502	24 802	27 351	29 441
Gross electricity generation	GWh	122 725	129 400	140 581	150 698	161 956	176 300
Final electricity consumption		95 315	101 532	110 364	119 483	128 518	141 255
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	149 542	158 759	167 119	182 766	198 121	211 778
Population	1000 per.	67 896	68 838	69 770	70 692	71 610	72 520
Industry added value	Mio EUR	45 312	47 303	50 980	56 976	61 948	68 144
Total imports (current prices)	Mio EUR	42 026	50 796	62 744	75 820	85 050	90 908
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	478.9	475.3	475.1	448.7	430.7	447.0
Final energy consumption / GDP(95)		335.9	344.5	351.0	330.5	319.2	326.1
Energy intensity of industry:							
Final consumption / gross value-added mp		368.6	427.7	441.6	399.2	363.1	362.8
Energy intensity of service sector:							
Final consumption / gross value-added mp		33.2	33.6	39.6	41.4	44.2	51.1
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	1 055	1 096	1 138	1 160	1 192	1 305
Final energy consumption / capita		740	795	841	854	883	952
Household consumption / capita		239	230	244	247	270	277
Final electricity consumption / capita	kWh/cap.	1 404	1 475	1 582	1 690	1 795	1 948
Energy dependency							
Net energy imports / Gross consumption	in %	64.3	67.3	71.0	70.4	71.9	72.5
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	70.1	72.5	73.9	73.7	74.1	73.0
Efficiency of thermal power stations		42.6	44.1	46.2	45.8	48.2	47.7

2. Energy balance

Principal aggregates by product

		TÜRKIYE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		25 161	24 648	23 873	24 212	23 626	26 538
<i>among which:</i>	Hard coal	1 341	1 171	1 289	1 367	1 565	1 542
	Lignite and peat	11 608	10 655	9 721	9 232	8 919	11 543
	Crude oil	2 531	2 435	2 365	2 264	2 273	2 169
	Natural Gas	257	311	461	566	738	745
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	2 064	2 896	3 038	3 963	3 402	3 804
	Biomass	6 303	6 039	5 783	5 550	5 332	5 160
Imports							
Total		48 777	54 225	61 142	63 668	67 711	76 043
<i>among which:</i>	Hard coal	5 295	7 395	10 516	10 858	11 430	13 254
	Crude oil and feedstocks	23 348	23 808	24 241	24 057	23 545	24 164
	Petroleum products	6 153	7 887	8 647	10 317	10 258	13 071
	Natural Gas	13 217	14 340	17 283	18 123	22 134	25 179
	Electricity	394	309	100	40	55	49
Exports							
Total		2 589	3 117	4 366	4 963	5 567	6 750
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	2 552	3 080	4 316	4 865	5 413	6 557
	Natural gas	-	-	-	-	-	-
	Electricity	37	37	51	98	155	192
Gross inland consumption							
Total		71 609	75 465	79 402	81 999	85 340	94 661
<i>among which:</i>	Solid fuels	19 308	19 601	21 514	22 205	22 296	26 593
	Crude oil and petrol. prod.	29 135	30 768	30 072	30 361	30 197	31 672
	Natural gas	13 372	14 735	17 721	18 709	22 792	25 973
	Nuclear Energy	-	-	-	-	-	-
	Renewables	9 424	10 077	10 036	10 783	10 131	10 538
Transformation input							
Total		49 693	49 418	51 161	51 195	53 796	56 978
<i>among which:</i>	Crude oil and feedstocks	25 677	26 416	26 879	26 435	26 059	26 644
	Petroleum products	2 450	2 380	2 034	1 754	1 207	1 045
	Hard coal	3 487	3 396	4 778	5 587	5 764	6 430
	Lignite and peat	8 893	7 347	6 192	5 963	6 769	8 132
	Renewables	171	156	112	99	89	96
Transformation output							
Total		37 309	37 904	39 397	39 104	40 722	42 361
<i>among which:</i>	Electricity	8 483	8 226	9 045	8 990	10 519	11 344
	Heat	301	415	367	450	850	959

		TÜRKİYE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		50 233	54 699	58 652	60 404	63 243	69 069
<i>among which:</i>	Solid fuels	7 359	9 402	11 116	11 499	11 283	13 296
	Petroleum products	21 257	22 837	22 847	22 861	23 242	23 055
	Natural Gas	5 137	5 535	7 220	7 922	9 460	12 311
	Renewables	7 184	7 021	6 881	6 717	6 635	6 627
	Electricity	8 196	8 730	9 490	10 274	11 051	12 146
Final energy consumption by sector							
Industry							
Total		16 704	20 231	22 515	22 743	22 494	24 725
<i>among which:</i>	Solid fuels	6 126	8 127	9 532	9 723	8 812	10 809
	Petroleum Products	4 058	4 936	4 894	4 329	4 063	3 115
	Natural Gas	1 432	1 672	2 253	2 448	2 708	3 339
	Renewables	118	119	119	121	121	121
	Electricity	3 869	4 203	4 617	4 991	5 217	5 706
Transport							
Total		11 722	12 595	12 636	12 860	13 398	14 904
<i>among which:</i>	Motor spirit	3 139	3 279	2 811	2 494	2 779	2 862
	Diesel oil	5 747	6 315	6 692	6 962	6 952	8 364
	Jet fuel	1 241	1 632	1 740	1 861	2 010	1 770
	Electricity	57	66	61	51	54	55
Services&households							
Total		21 808	21 873	23 502	24 802	27 351	29 441
<i>among which:</i>	Solid fuels	1 233	1 275	1 584	1 776	2 471	2 488
	Gas oil	2 642	2 886	2 603	2 928	2 954	3 157
	Natural Gas	3 703	3 860	4 963	5 471	6 749	8 968
	Renewables	7 066	6 902	6 762	6 596	6 514	6 488
	Electricity	4 270	4 462	4 811	5 232	5 780	6 385
	Heat	-	-	-	-	-	-

3.1 Electricity balance

	TÜRKIYE						
	in GWh	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		122 725	129 400	140 581	150 698	161 956	176 300
<i>among which:</i>							
Hydro		24 010	33 683	35 330	46 084	39 561	44 244
Wind		62	48	61	58	59	127
Geothermal		90	105	89	93	94	94
Nuclear		-	-	-	-	-	-
Conventional thermal		98 563	95 564	105 101	104 463	122 242	131 835
<i>of which:</i>							
Hard coal		3 367	3 370	7 830	11 116	12 253	13 175
Lignite and peat		34 371	28 056	23 590	22 449	29 946	32 433
Petroleum products		10 367	10 744	9 197	7 670	5 483	4 340
Natural gas		49 550	52 497	63 536	62 241	73 445	80 691
Derived gases		678	723	832	883	993	1 042
Biomass		133	130	80	76	34	58
Industrial wastes		97	44	36	28	88	96
Total net generation		116 251	123 727	135 248	145 066	155 469	169 543
Imports and exports							
Total imports		4 579	3 588	1 158	463	636	573
Total exports		433	435	588	1 144	1 798	2 236
Consumption and losses							
Consumption of the energy branch		8 227	7 089	6 735	7 291	8 232	8 572
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		23 329	23 932	24 052	23 243	24 044	24 810
Final energy consumption		95 315	101 532	110 364	119 483	128 518	141 255
<i>of which:</i>							
Industry		44 998	48 876	53 697	58 042	60 671	66 357
<i>among which:</i>							
Iron&steel industry		8 062	8 074	9 582	10 940	11 661	13 399
Non-ferrous metals		2 523	2 544	3 081	2 697	2 485	2 785
Chemical industry		2 409	2 835	3 396	4 390	3 965	3 883
Non-met. mineral prod.		5 484	4 929	5 602	6 080	6 024	6 437
Food, drink, tobacco		3 150	3 194	4 142	3 485	3 754	4 072
Pulp, paper and print		1 166	1 202	1 592	1 238	1 383	1 750
Engineering & metal		2 161	2 291	2 737	2 418	2 489	2 518
Other industries		10 348	12 987	11 051	14 905	15 906	17 862
Transport		660	762	713	596	627	645
Services & households etc.		49 657	51 894	55 954	60 845	67 220	74 253
<i>among which:</i>							
Households		23 557	23 559	25 195	27 619	30 935	34 466

3.2 Electrical capacity, fuel inputs and heat

		TÜRKIYE					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	28 332	31 846	35 587	36 824	38 842	40 565
by source:							
Conventional thermal		16 622	19 568	22 974	24 145	25 901	27 420
<i>of which:</i>							
Steam		8 601	8 610	8 565	8 580	9 429	10 519
Gas turbine		452	427	655	675	851	1 080
Combined cycle		7 030	9 571	12 454	13 512	14 079	14 251
Internal combustion		539	960	1 293	1 353	1 503	1 467
Nuclear		-	-	-	-	-	-
Hydro		11 673	12 241	12 579	12 645	12 905	13 063
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		19	19	19	19	21	59
Geothermal		18	18	15	15	15	23
Other		-	-	-	-	-	-
by producer type:							
Public system		24 958	28 110	31 045	32 444	34 780	36 787
Autoproducers		3 374	3 736	4 542	4 380	4 062	3 778
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	20 609	19 589	20 375	20 622	23 576	25 777
<i>among which:</i>							
Hard coal		860	802	1 795	2 385	2 594	2 862
Lignite and peat		8 892	7 346	6 178	5 921	6 721	8 075
Petroleum products		2 450	2 380	2 034	1 754	1 207	1 045
Natural gas		8 026	8 656	9 960	10 137	12 621	13 293
Renewables		171	156	112	99	89	96
Heating plants		-	-	-	-	-	-
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		-	-	-	-	-	-
Heat production and consumption							
Total heat production	1 000 toe	301	415	367	450	850	959
<i>among which: in heating plants</i>							
		-	-	-	-	-	-
Heat consumption		301	415	367	450	850	959
<i>of which: in industry</i>							
		301	415	367	450	850	959
<i>in households and services</i>							
		-	-	-	-	-	-
<i>among which: in households</i>							
		-	-	-	-	-	-

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	TÜRKİYE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	2 520	2 420	2 351	2 251	2 258	2 160
Total imports	23 242	23 662	24 095	23 918	23 389	24 063
Total exports	-	-	-	-	-	-
Stock changes	-188	130	49	-185	154	304
Refinery intake	25 560	26 252	26 717	26 281	25 886	26 532
Imports of Crude Oil by origin						
<i>by region of origin:</i>						
OPEC	12 913	15 421	17 534	16 110	15 897	17 191
Near and Middle East	11 177	13 658	14 144	11 767	11 681	13 025
Africa	4 485	4 068	4 694	5 053	4 540	4 166
<i>by country of origin:</i>						
Algeria	80	267	240	397	-	-
Irak	-	2 850	1 817	1 389	976	551
Iran	4 894	4 539	7 029	5 821	6 887	8 971
Kazakhstan	43	-	22	150	-	-
Kuwait	-	-	-	-	-	-
Libya	4 414	3 900	4 580	5 053	4 540	4 166
Mexico	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Russia	4 582	3 927	4 565	6 344	6 997	6 787
Saudi Arabia	3 525	3 865	3 868	3 450	3 494	3 503
Syria	2 432	2 404	1 430	1 107	324	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	TÜRKIYE					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	25 374	26 037	26 461	26 002	25 638	26 235
<i>among which:</i>						
Motor spirit	2 968	3 718	3 837	3 479	3 609	3 659
Kerosene and jet fuel	1 230	1 650	1 762	1 831	2 021	1 676
Naphtha	2 026	1 453	1 354	1 573	1 488	1 488
Gas/diesel oil	7 340	7 720	8 087	7 665	7 601	7 549
Residual fuel oil	8 456	7 970	8 038	7 845	7 208	7 271
Total imports	5 791	7 536	8 256	9 876	9 813	12 604
Total exports	2 570	3 031	4 193	4 777	5 313	6 520
Bunkers	237	535	622	1 342	1 069	990
Stock changes	91	106	-299	101	435	-489
Gross inland consumption	3 075	4 076	3 142	3 858	3 866	4 605
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	-	34	85	-	-	-
United Kingdom	85	52	139	66	106	99
Norway	597	827	785	666	468	433
OPEC	2 429	1 985	1 327	1 530	1 729	1 737
Imports by product						
<i>among which:</i>						
Motor spirit	437	450	447	759	619	850
Kerosene and jet fuel	-	17	152	184	18	274
Gas/diesel oil	1 596	2 409	2 715	3 818	4 146	6 436
Residual fuel oil	226	821	736	785	748	468
Exports by product						
<i>among which:</i>						
Motor spirit	174	1 113	1 654	1 865	1 671	1 673
Kerosene and jet fuel	5	18	146	200	33	88
Gas/diesel oil	208	582	931	564	1 278	1 773
Residual fuel oil	1 007	423	525	1 102	1 427	2 105
Consumption						
Inputs to electricity plants	2 536	2 466	2 105	1 819	1 256	1 091
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	3 359	3 539	3 318	3 934	3 991	5 710
Final energy consumption	20 743	22 335	22 370	22 323	22 653	22 465
Industry						
<i>among which by product:</i>						
Gas/diesel oil	141	181	301	179	75	52
Residual fuel oil	3 643	4 106	4 355	3 894	3 684	2 754

<i>in 1 000 t</i>	TÜRKIYE					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	429	404	374	252	256	49
Non-ferrous metals	276	276	276	277	280	280
Chemical industry	790	885	884	1 421	1 418	1 125
Non-met. mineral prod.	63	57	55	51	54	54
Food, drink, tobacco	130	165	264	238	188	96
Pulp, paper and print	208	220	274	210	183	170
Engineering & metal	-	-	-	-	-	-
Other industries	1 982	2 715	2 545	1 717	1 604	1 244
Transport	11 253	12 112	12 168	12 396	12 905	14 348
<i>among which:</i>						
Motor spirit	2 987	3 120	2 675	2 373	2 644	2 723
Jet fuel	1 208	1 589	1 694	1 812	1 957	1 723
Diesel oil	5 648	6 206	6 577	6 842	6 833	8 220
Services & households etc.	5 311	5 181	5 157	5 466	5 564	4 919
<i>among which:</i>						
Gas oil	2 597	2 836	2 558	2 878	2 903	3 103
Residual fuel oil	596	604	500	295	265	264
Stocks at end of period						
Crude oil and feedstocks	5 280	5 150	5 101	5 286	5 132	4 828
Petroleum products	2 233	2 092	2 391	2 290	1 855	2 344

5. Natural gas

<i>in TJ (GCV)</i>	TÜRKIYE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	11 950	14 477	21 448	26 350	34 355	34 662
Total imports	614 878	667 112	803 993	843 063	1 029 654	1 171 307
Total exports	-	-	-	-	-	-
Stock changes	-4 771	3 903	-1 073	949	-3 735	2 283
Gross inland consumption	622 057	685 492	824 368	870 362	1 060 274	1 208 252
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	152 250	156 282	148 386	138 956	158 992	173 481
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	50 595	48 636	43 330	42 855	42 832	46 531
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	412 033	436 302	475 732	531 645	660 621	728 211
Consumption						
Inputs to electricity plants	373 370	402 692	463 324	471 567	587 146	618 392
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	5 316	5 741	6 544	9 388	9 531	10 092
Distribution losses	780	805	821	865	885	955
Non-energy use	3 608	18 754	17 791	19 994	22 615	6 121
Industry	66 606	77 769	104 831	113 872	125 998	155 326
<i>among which:</i>						
Iron&steel industry	10 400	12 866	14 793	19 906	21 788	27 527
Non-ferrous metals	7 520	7 800	13 905	15 104	17 826	21 424
Chemical industry	13 109	12 749	21 178	23 341	31 009	38 834
Non-met. mineral prod.	13 494	15 628	17 348	22 062	24 540	24 134
Food, drink, tobacco	4 034	2 496	3 516	5 027	5 003	6 979
Pulp, paper and print	1 589	1 911	2 152	2 575	2 169	2 417
Engineering & metal	1 443	2 120	2 070	3 386	3 499	2 702
Other industries	9 120	10 269	16 229	10 128	12 500	22 770
Transport	130	146	165	155	145	165
Services & households etc.	172 255	179 585	230 892	254 521	313 954	417 201
<i>among which:</i>						
Households	139 575	145 040	173 399	181 299	222 586	287 633
Services	32 680	34 545	57 493	73 222	91 368	129 568

6.1 Hard coal

<i>in 1 000 t</i>	TÜRKİYE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	2 525	2 250	2 395	2 668	3 058	2 771
Total imports	8 028	11 693	16 166	16 427	17 360	20 286
Total exports	-	-	-	-	-	-
Stock changes	654	-182	-690	531	-259	343
Gross inland consumption	11 207	13 761	17 871	19 626	20 159	23 400
Imports						
Imports by origin						
<i>among which:</i>						
Australia	1 312	1 862	1 709	776	906	1 569
Colombia	:	:	:	:	2 456	-
Russia	3 080	5 350	6 717	6 769	6 772	8 476
South Africa	1 092	1 144	2 299	1 940	1 448	2 215
USA	910	811	1 278	1 571	1 810	1 045
Consumption						
Inputs to electricity plants	2 179	1 945	3 614	4 471	5 171	5 476
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	95	106	92	94	89	80
Non-ferrous metals	73	76	80	89	94	98
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	54	55	66	68	69	79
Food, drink, tobacco	154	144	113	122	136	152
Pulp, paper and print	14	15	17	18	20	25
Engineering & metal	-	-	-	-	-	-
Other industries	4 146	7 018	8 788	9 450	8 749	11 308
Services & households etc.	834	921	1 034	949	1 573	1 387

6.2 Coal derivatives and peat

		TÜRKIYE					
		2001	2002	2003	2004	2005	2006
Production							
Solid fuels	<i>in 1 000 t</i>						
Coke		2 587	2 598	2 878	2 990	2 992	3 213
Patent Fuel		-	-	-	-	-	-
Lignite and peat		59 572	51 660	46 168	43 709	55 282	61 484
Brown coal briquettes		2	2	47	159	120	155
Derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		18 372	17 824	20 921	21 807	21 829	22 165
Blast-furnace gas		34 665	35 989	36 622	36 411	38 447	37 970
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		2 096	1 993	2 121	2 055	2 079	2 316
<i>among which:</i>							
Iron & steel industry		1 800	1 599	1 736	1 837	1 812	1 847
Services & households		22	43	159	75	69	36
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		8 136	10 137	11 223	11 689	9 004	10 285
<i>among which:</i>							
Industry		5 553	6 431	6 979	6 192	4 114	4 897
Services & households		2 583	3 706	4 244	5 497	4 890	5 388
Brown coal briquettes		2	2	47	159	120	155
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		2	2	47	159	120	155
Total derived gases	<i>in TJ (GCV)</i>						
Coke-oven gas		12 632	11 145	11 503	11 861	12 108	11 016
Blast-furnace gas		22 137	21 745	20 284	17 891	19 344	18 409
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		8 452	10 062	12 277	13 928	13 562	16 322
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		9 816	9 947	10 558	13 354	13 069	13 030
Consumption in industry		34 769	32 890	31 787	29 752	31 452	29 425

7. Renewable energy sources

		TÜRKIYE					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	9 424	10 077	10 036	10 783	10 131	10 539
Hydro (excl. pumping)		2 064	2 896	3 038	3 963	3 402	3 804
Wind		5	4	5	5	5	11
Solar		287	318	350	375	385	402
Geothermal		764	820	860	891	1 007	1 162
Biomass		6 303	6 039	5 783	5 550	5 332	5 160
	<i>among which:</i>						
Wood, wood-waste		6 297	6 032	5 775	5 542	5 325	5 133
Municipal solid waste		-	-	-	-	-	-
Biogas		6	7	8	7	7	8
Gross inland consumption		9 424	10 077	10 036	10 783	10 131	10 538
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		77	90	76	80	81	81
Biomass		93	66	36	19	8	16
	<i>among which:</i>						
Wood, wood-waste		87	59	28	11	1	8
Municipal waste		-	-	-	-	-	-
Biogas		6	7	8	7	7	8
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	7 184	7 021	6 881	6 717	6 635	6 627
	<i>by sector:</i>						
Industry		118	119	119	121	121	121
Services & households etc.		7 066	6 902	6 762	6 596	6 514	6 488
Transport		-	-	-	-	-	18
	<i>by source:</i>						
Biomass		6 210	5 973	5 747	5 531	5 324	5 143
	<i>among which:</i>						
Wood, wood-waste		6 210	5 973	5 747	5 531	5 324	5 126
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		687	730	784	811	926	1 081
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		36	53	56	55	49	47
Hydro with installed capacity > 1 & <10 MW		375	456	413	490	453	455
Hydro with installed capacity > 10 MW		23 599	33 174	34 861	45 539	39 059	43 742
Wood, Wood-waste		109	103	48	46	5	23
Municipal waste		-	-	-	-	-	-
Biogas		24	26	32	30	29	35

		TÜRKİYE					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		18	16	15	15	15	15
Hydro with installed capacity > 1 & <10 MW		183	142	142	160	160	170
Hydro with installed capacity > 10 MW		11 472	12 083	12 422	12 470	12 731	12 878
Wood, Wood-waste		72	72	72	72	72	40
Municipal waste		-	-	-	-	-	-
Biogas		4	9	9	9	9	14
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	21
Solar Panels							
Solar panel surface	<i>1000 m²</i>	8 200	8 700	9 500	10 000	11 000	11 500

1. Energy economy

Key figures and energy indicators

		ISLAND					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	2 451	2 462	2 457	2 519	2 636	3 259
Net energy imports		947	969	937	1 072	1 063	:
Net oil imports		853	870	844	967	962	998
Net gas imports		-	-	-	-	-	-
Gross inland energy consumption		3 354	3 388	3 379	3 489	3 616	:
Final energy consumption		2 131	2 209	2 218	2 230	2 204	:
Industry		753	786	775	797	765	:
Transport		329	316	319	345	360	479
Services and households etc.		1 049	1 107	1 123	1 087	1 078	1 050
Gross electricity generation	GWh	8 033	8 416	8 500	8 623	8 686	9 930
Final electricity consumption		7 212	7 519	7 541	7 760	7 799	8 998
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	7 071	7 082	7 252	7 807	8 390	8 761
Population	1000 per.	283	287	289	291	294	300
Industry added value	Mio EUR	1 709	1 645	1 717	1 852	:	:
Total imports (current prices)	Mio EUR	2 738	2 667	2 953	3 382	4 375	4 821
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	474.3	478.4	465.9	446.9	431.0	:
Final energy consumption / GDP(95)		301.4	311.9	305.8	285.6	262.7	:
Energy intensity of industry:							
Final consumption / gross value-added mp		440.3	477.9	451.4	430.6	:	:
Energy intensity of service sector:							
Final consumption / gross value-added mp		32.8	33.9	33.7	32.9	:	:
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	11 835	11 820	11 711	12 005	12 315	:
Final energy consumption / capita		7 519	7 708	7 687	7 672	7 506	:
Household consumption / capita		2 200	2 304	2 281	2 139	2 089	2 074
Final electricity consumption / capita	kWh/cap.	25 448	26 235	26 139	26 703	26 563	30 003
Energy dependency							
Net energy imports / Gross consumption	in %	27.8	28.0	27.2	30.1	28.9	:
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	63.5	65.2	65.6	63.9	61.0	:
Efficiency of thermal power stations		23.1	27.9	27.2	27.3	23.7	21.5

2. Energy balance

Principal aggregates by product

<i>in 1 000 toe</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
Primary production						
Total	2 451	2 462	2 457	2 519	2 636	3 259
<i>among which:</i> Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Crude oil	-	-	-	-	-	-
Natural Gas	-	-	-	-	-	-
Nuclear heat	-	-	-	-	-	-
Hydro-electricity	566	600	609	613	604	627
Biomass	1	2	2	2	3	2
Imports						
Total	947	969	937	1 072	1 063	:
<i>among which:</i> Hard coal	66	66	57	70	78	:
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	853	870	844	967	962	998
Natural Gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Exports						
Total	-	-	-	-	-	-
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-
Natural gas	-	-	-	-	-	-
Electricity	-	-	-	-	-	-
Gross inland consumption						
Total	3 354	3 388	3 379	3 489	3 616	:
<i>among which:</i> Solid fuels	94	98	93	105	101	:
Crude oil and petrol. prod.	809	827	828	864	878	989
Natural gas	-	-	-	-	-	-
Nuclear Energy	-	-	-	-	-	-
Renewables	2 451	2 462	2 457	2 519	2 636	3 259
Transformation input						
Total	1 269	1 271	1 222	1 262	1 448	2 062
<i>among which:</i> Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	1	1	1	1	1	1
Hard coal	-	-	-	-	-	-
Lignite and peat	-	-	-	-	-	-
Renewables	1 268	1 270	1 221	1 261	1 447	2 061
Transformation output						
Total	313	376	353	366	365	465
<i>among which:</i> Electricity	125	124	121	128	143	227
Heat	188	252	232	238	222	238

<i>in 1 000 toe</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
Final energy consumption						
Total	2 131	2 209	2 218	2 230	2 204	:
<i>among which:</i> Solid fuels	94	98	93	105	101	:
Petroleum products	672	686	691	714	718	791
Natural Gas	-	-	-	-	-	-
Renewables	574	552	576	535	516	502
Electricity	620	647	648	667	671	774
Final energy consumption by sector						
Industry						
Total	753	786	775	797	765	:
<i>among which:</i> Solid fuels	94	98	93	105	101	:
Petroleum Products	126	132	123	129	122	115
Natural Gas	-	-	-	-	-	-
Renewables	58	55	55	55	36	36
Electricity	475	501	504	509	506	601
Transport						
Total	329	316	319	345	360	479
<i>among which:</i> Motor spirit	152	153	153	158	158	170
Diesel oil	53	54	55	63	63	117
Jet fuel	121	107	109	124	140	186
Electricity	-	-	-	-	-	-
Services&households						
Total	1 049	1 107	1 123	1 087	1 078	1 050
<i>among which:</i> Solid fuels	-	-	-	-	-	-
Gas oil	195	225	236	237	222	159
Natural Gas	-	-	-	-	-	-
Renewables	516	497	521	480	480	466
Electricity	146	146	144	158	164	173
Heat	170	227	209	209	199	214

3.1 Electricity balance

	ISLAND						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		8 033	8 416	8 500	8 623	8 686	9 930
<i>among which:</i>							
Hydro		6 578	6 977	7 088	7 134	7 019	7 293
Wind		-	-	-	-	-	-
Geothermal		1 451	1 433	1 406	1 483	1 658	2 631
Nuclear		-	-	-	-	-	-
Conventional thermal		4	6	6	6	9	6
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		4	6	-	4	5	4
Natural gas		-	-	-	-	-	-
Derived gases		-	-	-	-	-	-
Biomass		-	-	-	2	4	2
Industrial wastes		-	-	6	-	-	-
Total net generation		7 892	8 272	8 356	8 475	8 513	9 796
Imports and exports							
Total imports		-	-	-	-	-	-
Total exports		-	-	-	-	-	-
Consumption and losses							
Consumption of the energy branch		468	477	469	481	506	518
<i>of which:</i>							
Consumption for pumped-storage		-	-	-	-	-	-
Network losses		353	420	490	382	381	413
Final energy consumption		7 212	7 519	7 541	7 760	7 799	8 998
<i>of which:</i>							
Industry		5 519	5 822	5 867	5 917	5 889	6 991
<i>among which:</i>							
Iron&steel industry		998	1 039	1 050	1 031	981	983
Non-ferrous metals		3 887	4 170	4 180	4 202	4 211	5 287
Chemical industry		87	29	20	20	19	20
Non-met. mineral prod.		44	32	31	41	45	42
Food, drink, tobacco		390	428	478	466	442	433
Pulp, paper and print		18	16	15	17	16	19
Engineering & metal		14	17	14	15	16	15
Other industries		47	59	48	98	145	187
Transport		-	-	-	-	-	-
Services & households etc.		1 693	1 697	1 674	1 843	1 910	2 007
<i>among which:</i>							
Households		608	637	612	672	690	797

3.2 Electrical capacity, fuel inputs and heat

		ISLAND					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	1 460	1 505	1 507	1 508	1 538	1 725
<i>by source:</i>							
Conventional thermal		149	149	150	143	143	140
<i>of which:</i>							
Steam		-	-	-	-	-	-
Gas turbine		35	35	35	35	35	-
Combined cycle		-	-	-	-	-	-
Internal combustion		114	114	115	108	108	140
Nuclear		-	-	-	-	-	-
Hydro		1 109	1 154	1 155	1 163	1 163	1 163
<i>among which:</i>							
Pumped storage		-	-	-	-	-	-
Wind		-	-	-	-	-	-
Geothermal		202	202	202	202	232	422
Other		-	-	-	-	-	-
<i>by producer type:</i>							
Public system		1 429	1 474	1 476	1 477	1 507	1 697
Autoproducers		31	31	31	31	31	28
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	1 246	1 247	1 198	1 238	1 418	2 018
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		1	1	1	1	1	1
Natural gas		-	-	-	-	-	-
Renewables		1 245	1 246	1 197	1 237	1 417	2 017
Heating plants		22	24	24	24	30	44
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		22	24	24	24	30	44
Heat production and consumption							
Total heat production	1 000 toe	188	252	232	238	222	238
<i>among which: in heating plants</i>							
		25	28	28	27	29	30
Heat consumption		170	227	209	209	199	214
<i>of which: in industry</i>							
		-	-	-	-	-	-
<i>in households and services</i>							
		170	227	209	209	199	214
<i>among which: in households</i>							
		144	197	180	180	170	184

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
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

<i>in 1 000 t</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
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	871	891	864	986	983	1 028
Total exports	-	-	-	-	-	-
Bunkers	46	66	67	70	64	35
Stock changes	3	24	52	-31	-19	26
Gross inland consumption	828	849	849	885	900	1 019
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	161	104	90	141	112	129
United Kingdom	36	30	26	31	33	36
Norway	197	145	124	461	261	343
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	139	145	140	153	164	166
Kerosene and jet fuel	117	105	110	124	139	167
Gas/diesel oil	369	387	384	466	418	386
Residual fuel oil	77	76	58	55	63	71
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	167	176	170	186	197	237
Final energy consumption	660	673	678	698	702	774
Industry						
<i>among which by product:</i>						
Gas/diesel oil	66	63	65	85	86	89
Residual fuel oil	60	70	58	43	35	24

<i>in 1 000 t</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	-	-	-	-	-	-
Non-ferrous metals	7	7	7	7	7	9
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	-	-	-	-	-	-
Food, drink, tobacco	65	75	62	51	45	23
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	55	52	55	71	70	82
Transport	318	305	308	333	348	464
<i>among which:</i>						
Motor spirit	145	146	146	150	150	162
Jet fuel	118	104	106	121	136	181
Diesel oil	52	53	54	62	62	115
Services & households etc.	215	234	246	236	232	196
<i>among which:</i>						
Gas oil	192	221	232	233	218	156
Residual fuel oil	22	12	13	2	13	39
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-

5. Natural gas

<i>in TJ (GCV)</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
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

<i>in 1 000 t</i>	ISLAND					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	98	98	85	104	117	:
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	98	98	85	104	117	:
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	-	-	-	-	-	-
South Africa	-	-	-	-	-	-
USA	-	-	-	-	9	:
Consumption						
Inputs to electricity plants						
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry						
<i>among which:</i>						
Iron&steel industry	84	85	74	86	103	:
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	-	-	-	-	-	-
Non-met. mineral prod.	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					
		2001	2002	2003	2004	2005	2006
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		42	48	53	52	33	:
<i>among which:</i>							
Iron & steel industry		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					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	2 451	2 462	2 457	2 519	2 636	3 259
Hydro (excl. pumping)		566	600	609	613	604	627
Wind		-	-	-	-	-	-
Solar		-	-	-	-	-	-
Geothermal		1 884	1 861	1 846	1 904	2 030	2 630
Biomass		1	2	2	2	3	2
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	-	-
Municipal solid waste		1	2	2	2	2	2
Biogas		-	-	-	1	1	0
Gross inland consumption		2 451	2 462	2 457	2 519	2 636	3 259
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		1 267	1 268	1 219	1 259	1 444	2 059
Biomass		1	2	2	2	3	2
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		1	2	2	2	2	2
Biogas		-	-	-	1	1	0
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	574	552	576	535	516	502
	<i>by sector:</i>						
Industry		58	55	55	55	36	36
Services & households etc.		516	497	521	480	480	466
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		-	-	-	-	-	-
	<i>among which:</i>						
Wood, wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	-	-	-
Geothermal		574	552	576	535	516	502
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		19	34	35	32	40	48
Hydro with installed capacity > 1 & <10 MW		224	220	220	265	236	260
Hydro with installed capacity > 10 MW		6 335	6 723	6 833	6 838	6 744	6 985
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	1
Biogas		-	-	-	2	4	1

		ISLAND					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		7	9	9	13	10	7
Hydro with installed capacity > 1 & <10 MW		39	39	39	43	46	49
Hydro with installed capacity > 10 MW		1 063	1 107	1 107	1 107	1 107	1 107
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		-	-	-	-	-	-
Biogas		-	-	-	1	1	1
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	-	-	-
Solar Panels							
Solar panel surface	<i>1000 m²</i>	-	-	-	-	-	-

1. Energy economy

Key figures and energy indicators

		NORGE					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	228 938	233 630	236 016	238 467	234 026	223 650
Net energy imports		-203 323	-208 718	-207 111	-210 036	-200 643	-197 567
Net oil imports		-160 052	-152 160	-145 795	-144 696	-128 098	-123 096
Net gas imports		-43 467	-55 056	-60 948	-65 343	-71 120	-73 675
Gross inland energy consumption		26 951	24 301	27 279	28 331	32 267	25 031
Final energy consumption		18 624	18 313	17 987	18 445	18 479	18 388
Industry		6 810	6 326	6 363	6 685	6 574	6 285
Transport		4 604	4 621	4 691	4 856	4 934	5 120
Services and households etc.		7 210	7 365	6 933	6 904	6 970	6 983
Gross electricity generation	GWh	121 890	130 705	107 405	110 699	138 055	121 708
Final electricity consumption		112 188	109 113	103 154	107 915	110 727	107 907
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	139 144	141 234	142 665	148 178	152 237	155 515
Population	1000 per.	4 503	4 524	4 552	4 578	4 606	4 640
Industry added value	Mio EUR	37 804	38 108	38 177	39 050	39 238	38 554
Total imports (current prices)	Mio EUR	49 216	49 705	50 391	54 841	59 573	64 443
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	193.7	172.1	191.2	191.2	212.0	161.0
Final energy consumption / GDP(95)		133.8	129.7	126.1	124.5	121.4	118.2
Energy intensity of industry:							
Final consumption / gross value-added mp		180.1	166.0	166.7	171.2	167.5	163.0
Energy intensity of service sector:							
Final consumption / gross value-added mp		30.8	32.1	28.9	28.1	27.2	26.4
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	5 985	5 371	5 992	6 189	7 005	5 394
Final energy consumption / capita		4 136	4 048	3 951	4 029	4 012	3 963
Household consumption / capita		885	882	837	820	832	819
Final electricity consumption / capita	kWh/cap.	24 912	24 118	22 660	23 575	24 038	23 255
Energy dependency							
Net energy imports / Gross consumption	in %	-732.5	-836.1	-744.0	-728.2	-608.8	-773.8
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	69.1	75.4	65.9	65.1	57.3	73.5
Efficiency of thermal power stations		:	:	:	:	:	:

2. Energy balance

Principal aggregates by product

		NORGE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		228 938	233 630	236 016	238 467	234 026	223 650
<i>among which:</i>	Hard coal	1 200	1 431	1 976	1 949	987	1 607
	Lignite and peat	-	-	-	-	-	-
	Crude oil	166 994	160 494	157 403	155 467	143 771	132 024
	Natural Gas	48 892	59 166	66 270	70 419	76 281	78 415
	Nuclear heat	-	-	-	-	-	-
	Hydro-electricity	10 354	11 128	9 081	9 361	11 665	10 267
	Biomass	1 495	1 404	1 269	1 249	1 278	1 279
Imports							
Total		6 261	5 634	6 310	6 573	5 684	5 978
<i>among which:</i>	Hard coal	554	440	450	514	448	354
	Crude oil and feedstocks	958	652	562	547	812	362
	Petroleum products	3 487	3 813	3 828	3 852	3 829	4 120
	Natural Gas	-	-	-	-	-	-
	Electricity	924	459	1 154	1 316	314	843
Exports							
Total		209 585	214 351	213 421	216 609	206 328	203 545
<i>among which:</i>	Crude oil and feedstocks	155 580	143 115	136 050	134 785	117 579	111 326
	Petroleum products	8 917	13 510	14 135	14 310	15 161	16 252
	Natural gas	43 467	55 056	60 948	65 343	71 120	73 675
	Electricity	617	1 294	477	331	1 350	769
Gross inland consumption							
Total		26 951	24 301	27 279	28 331	32 267	25 031
<i>among which:</i>	Solid fuels	946	813	789	927	777	713
	Crude oil and petrol. prod.	8 392	7 637	10 055	10 665	14 345	7 856
	Natural gas	5 425	4 110	5 321	5 076	5 160	4 739
	Nuclear Energy	-	-	-	-	-	-
	Renewables	11 864	12 557	10 425	10 664	13 008	11 635
Transformation input							
Total		15 063	13 990	15 683	15 062	16 506	17 563
<i>among which:</i>	Crude oil and feedstocks	14 748	13 687	15 294	14 662	16 122	17 126
	Petroleum products	19	36	60	22	16	24
	Hard coal	17	16	14	18	17	17
	Lignite and peat	-	-	-	-	-	-
	Renewables	166	169	219	234	228	250
Transformation output							
Total		14 487	13 675	15 380	14 834	16 237	17 275
<i>among which:</i>	Electricity	72	68	83	92	95	106
	Heat	206	218	258	263	282	298

		NORGE					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		18 624	18 313	17 987	18 445	18 479	18 388
<i>among which:</i>	Solid fuels	842	776	749	838	715	610
	Petroleum products	6 449	6 581	6 891	6 852	6 727	6 954
	Natural Gas	170	138	182	213	226	239
	Renewables	1 341	1 254	1 091	1 036	1 059	1 050
	Electricity	9 646	9 382	8 870	9 279	9 521	9 278
Final energy consumption by sector							
Industry							
Total		6 810	6 326	6 363	6 685	6 574	6 285
<i>among which:</i>	Solid fuels	839	773	747	836	714	609
	Petroleum Products	811	782	900	813	751	777
	Natural Gas	161	128	170	190	184	198
	Renewables	723	535	400	384	404	389
	Electricity	4 241	4 075	4 107	4 409	4 473	4 256
Transport							
Total		4 604	4 621	4 691	4 856	4 934	5 120
<i>among which:</i>	Motor spirit	1 746	1 728	1 709	1 699	1 642	1 577
	Diesel oil	2 048	2 093	2 223	2 322	2 465	2 605
	Jet fuel	640	639	523	603	635	696
	Electricity	163	155	143	127	126	130
Services&households							
Total		7 210	7 365	6 933	6 904	6 970	6 983
<i>among which:</i>	Solid fuels	3	3	2	2	1	1
	Gas oil	1 034	1 153	1 238	1 120	1 006	1 021
	Natural Gas	6	7	6	15	32	30
	Renewables	618	719	691	652	655	661
	Electricity	5 243	5 152	4 620	4 743	4 922	4 892
	Heat	141	148	165	174	183	199

3.1 Electricity balance

	NORGE						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		121 890	130 705	107 405	110 699	138 055	121 708
<i>among which:</i>							
Hydro		121 026	129 837	106 216	109 373	136 441	119 799
Wind		27	75	218	252	506	673
Geothermal		-	-	-	-	-	-
Nuclear		-	-	-	-	-	-
Conventional thermal		837	793	971	1 074	1 108	1 236
<i>of which:</i>							
Hard coal		41	41	42	43	42	43
Lignite and peat		-	-	-	-	-	-
Petroleum products		9	22	31	28	23	23
Natural gas		270	198	299	374	375	449
Derived gases		216	92	88	63	90	94
Biomass		190	282	398	421	379	446
Industrial wastes		111	158	113	145	199	181
Total net generation		121 219	130 103	106 916	109 930	137 420	120 690
Imports and exports							
Total imports		10 745	5 335	13 422	15 309	3 653	9 802
Total exports		7 174	15 046	5 548	3 854	15 695	8 947
Consumption and losses							
Consumption of the energy branch		347	2 196	2 153	2 764	4 464	4 982
<i>of which:</i>							
Consumption for pumped-storage		-1 921	243	259	218	315	146
Network losses		10 200	9 263	9 368	10 965	10 046	9 280
Final energy consumption		112 188	109 113	103 154	107 915	110 727	107 907
<i>of which:</i>							
Industry		49 324	47 397	47 763	51 277	52 025	49 502
<i>among which:</i>							
Iron&steel industry		7 097	6 352	5 927	6 885	5 646	4 952
Non-ferrous metals		19 103	18 809	20 599	22 418	23 757	23 566
Chemical industry		7 499	6 808	6 834	7 093	7 617	6 804
Non-met. mineral prod.		833	843	834	853	886	887
Food, drink, tobacco		3 105	2 920	2 743	2 956	2 811	2 728
Pulp, paper and print		6 793	6 788	6 436	6 753	6 752	6 176
Engineering & metal		2 097	2 200	1 909	1 925	1 948	1 892
Other industries		2 115	2 037	1 830	1 748	1 981	1 899
Transport		1 890	1 804	1 660	1 476	1 460	1 513
Services & households etc.		60 974	59 912	53 731	55 162	57 242	56 892
<i>among which:</i>							
Households		35 876	34 647	32 023	32 405	34 006	33 470

3.2 Electrical capacity, fuel inputs and heat

		NORGE					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	27 960	28 248	28 421	27 924	28 896	:
by source:							
Conventional thermal		268	237	248	260	273	:
<i>of which:</i>							
Steam		212	181	190	199	210	:
Gas turbine		35	35	42	39	40	:
Combined cycle		-	-	-	-	-	:
Internal combustion		13	21	16	22	23	:
Nuclear		-	-	-	-	-	:
Hydro		27 679	27 914	28 076	27 512	28 358	:
<i>among which:</i>							
Pumped storage		1 360	1 652	1 318	1 424	764	:
Wind		13	97	97	152	265	:
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		26 516	27 309	27 504	27 005	27 959	:
Autoproducers		2 351	974	952	954	972	:
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	149	147	185	212	203	218
<i>among which:</i>							
Hard coal		17	16	14	18	17	17
Lignite and peat		-	-	-	-	-	-
Petroleum products		1	2	3	1	3	2
Natural gas		35	26	39	48	49	58
Renewables		81	84	112	130	122	128
Heating plants		120	133	176	138	137	166
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		18	34	57	21	13	22
Natural gas		2	3	7	5	7	10
Renewables		85	85	107	104	106	121
Heat production and consumption							
Total heat production	1 000 toe	206	218	258	263	282	298
among which: in heating plants		152	158	168	143	162	178
Heat consumption		159	171	190	199	209	225
<i>of which: in industry</i>		18	24	25	25	26	26
in households and services		141	148	165	174	183	199
among which: in households		28	29	32	36	37	43

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	NORGE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	162 536	156 716	153 616	151 779	140 134	128 753
Total imports	932	637	548	534	791	353
Total exports	151 426	139 746	132 777	131 587	114 604	108 568
Stock changes	2 004	-62	-886	289	-429	-510
Refinery intake	14 367	13 372	14 936	14 324	15 728	16 716
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	454	175	253	253	155	116
Saudi Arabia	-	-	-	-	-	-
Syria	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	NORGE					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	13 773	13 035	14 645	14 093	15 424	16 409
<i>among which:</i>						
Motor spirit	3 287	2 920	3 546	3 261	3 829	4 134
Kerosene and jet fuel	665	582	611	651	787	876
Naphtha	920	1 126	1 135	1 192	1 366	1 278
Gas/diesel oil	6 478	6 010	6 635	6 241	6 835	7 108
Residual fuel oil	1 647	1 503	1 702	1 845	1 610	1 957
Total imports	3 596	3 891	3 925	3 957	3 942	4 239
Total exports	8 667	12 815	13 509	13 620	14 409	15 528
Bunkers	812	666	565	518	698	504
Stock changes	195	22	-75	104	-196	-37
Gross inland consumption	-5 688	-9 568	-10 224	-10 077	-11 361	-11 830
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	91	113	179	85	89	93
United Kingdom	856	796	660	681	951	992
Norway	-	-	-	-	-	-
OPEC	-	33	-	21	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	407	434	310	425	313	195
Kerosene and jet fuel	233	601	285	265	163	244
Gas/diesel oil	917	536	777	819	576	916
Residual fuel oil	1 135	1 065	1 437	1 419	1 705	1 770
Exports by product						
<i>among which:</i>						
Motor spirit	2 214	2 047	2 411	2 168	2 512	2 967
Kerosene and jet fuel	118	116	101	99	151	240
Gas/diesel oil	3 005	2 443	2 727	2 725	2 458	2 960
Residual fuel oil	1 211	1 546	1 809	1 739	1 727	2 177
Consumption						
Inputs to electricity plants	1	2	3	1	3	2
Inputs to heating plants	18	33	56	21	13	21
Non-energy use	1 793	1 889	2 118	1 901	1 911	1 884
Final energy consumption	6 280	6 404	6 710	6 671	6 550	6 777
Industry						
<i>among which by product:</i>						
Gas/diesel oil	353	356	409	344	315	335
Residual fuel oil	251	201	233	224	219	218

<i>in 1 000 t</i>	NORGE					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	15	15	21	12	13	11
Non-ferrous metals	55	40	58	38	33	31
Chemical industry	152	141	150	133	117	115
Non-met. mineral prod.	68	70	91	127	125	125
Food, drink, tobacco	107	119	171	106	83	93
Pulp, paper and print	151	136	153	150	131	144
Engineering & metal	47	45	56	38	38	39
Other industries	153	151	136	139	146	152
Transport	4 303	4 327	4 410	4 585	4 661	4 842
<i>among which:</i>						
Motor spirit	1 661	1 644	1 626	1 617	1 562	1 501
Jet fuel	623	622	509	587	618	678
Diesel oil	2 013	2 057	2 185	2 282	2 423	2 560
Services & households etc.	1 176	1 309	1 420	1 291	1 154	1 175
<i>among which:</i>						
Gas oil	1 016	1 133	1 217	1 101	989	1 003
Residual fuel oil	3	1	5	7	6	13
Stocks at end of period						
Crude oil and feedstocks	-	-	-	-	-	-
Petroleum products	-	-	-	-	-	-

5. Natural gas

<i>in TJ (GCV)</i>	NORGE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	2 274 458	2 752 407	3 082 859	3 275 892	3 548 571	3 647 849
Total imports	-	-	-	-	-	-
Total exports	2 022 071	2 561 226	2 835 323	3 039 744	3 308 519	3 427 370
Stock changes	-	-	-	-	-	-
Gross inland consumption	252 387	191 181	247 536	236 148	240 052	220 479
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	-	-	-	-	-	-
Consumption						
Inputs to electricity plants	1 622	1 191	1 801	2 256	2 268	2 712
Inputs to heat plants	115	131	313	234	339	477
Consumption of energy branch	137 442	142 428	149 119	159 390	194 351	193 502
Distribution losses	-	-	-	-	-	-
Non-energy use	23 135	17 074	24 173	27 467	24 191	24 767
Industry	7 481	5 951	7 901	8 819	8 568	9 207
<i>among which:</i>						
Iron&steel industry	-	-	-	40	74	110
Non-ferrous metals	1 181	1 149	1 199	1 260	1 835	2 122
Chemical industry	5 861	4 038	6 131	6 016	4 668	4 663
Non-met. mineral prod.	-	-	-	65	79	158
Food, drink, tobacco	277	337	145	759	943	1 161
Pulp, paper and print	-	278	261	406	330	394
Engineering & metal	53	7	25	51	319	269
Other industries	107	135	127	111	114	115
Transport	113	136	285	427	475	510
Services & households etc.	296	322	289	676	1 471	1 383
<i>among which:</i>						
Households	95	91	95	133	240	155
Services	201	231	194	274	495	500

6.1 Hard coal

<i>in 1 000 t</i>	NORGE					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	1 788	2 132	2 944	2 904	1 471	2 395
Total imports	825	655	671	766	667	528
Total exports	1 497	2 050	2 697	2 741	1 666	2 266
Stock changes	-201	81	-106	-15	323	-20
Gross inland consumption	915	818	812	914	795	637
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	125	88	101	105	97	72
Russia	38	27	113	70	39	76
South Africa	-	-	-	-	-	-
USA	38	24	8	33	17	-
Consumption						
Inputs to electricity plants	26	24	20	27	25	25
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Industry	850	753	730	812	691	586
<i>among which:</i>						
Iron&steel industry	389	346	313	386	314	280
Non-ferrous metals	-	-	-	-	-	-
Chemical industry	205	161	175	210	185	114
Non-met. mineral prod.	252	246	242	216	192	192
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	1	-	-	-	-	-
Other industries	-	-	-	-	-	-
Services & households etc.	3	2	1	2	-	1

6.2 Coal derivatives and peat

		NORGE					
		2001	2002	2003	2004	2005	2006
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		1 927	1 608	1 530	2 068	1 846	2 210
Gasworks gas		-	-	-	-	-	-
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		396	396	380	429	369	318
<i>among which:</i>							
Iron & steel industry		323	343	328	378	315	270
Services & households		1	3	2	1	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		699	432	591	1 158	915	1 300
Gasworks gas		-	-	-	-	-	-
Inputs to electricity plants		429	475	451	323	464	482
Inputs to heat plants		22	11	2	11	22	12
Consumption of energy branch		-	-	-	-	-	-
Consumption in industry		699	432	591	1 158	915	1 300

7. Renewable energy sources

		NORGE					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	11 851	12 539	10 368	10 632	12 987	11 604
Hydro (excl. pumping)		10 354	11 128	9 081	9 361	11 665	10 267
Wind		2	6	19	22	44	58
Solar		-	-	-	-	-	-
Geothermal		-	-	-	-	-	-
Biomass		1 495	1 404	1 269	1 249	1 278	1 279
	<i>among which:</i>						
Wood, wood-waste		1 337	1 244	1 059	1 042	1 062	1 058
Municipal solid waste		135	134	184	183	191	195
Biogas		23	26	26	24	25	26
Gross inland consumption		11 864	12 557	10 425	10 664	13 008	11 635
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		166	169	219	234	228	250
	<i>among which:</i>						
Wood, wood-waste		49	52	56	67	70	86
Municipal waste		117	116	163	167	157	163
Biogas		0	0	0	0	0	0
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	1 341	1 254	1 091	1 036	1 059	1 050
	<i>by sector:</i>						
Industry		723	535	400	384	404	389
Services & households etc.		618	719	691	652	655	661
Transport		-	-	-	-	-	-
	<i>by source:</i>						
Biomass		1 341	1 254	1 091	1 036	1 059	1 050
	<i>among which:</i>						
Wood, wood-waste		1 301	1 211	1 058	1 008	1 011	1 003
Municipal waste		18	18	21	16	33	31
Biogas		23	26	12	12	15	16
Geothermal		-	-	-	-	-	-
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		-	-	-	-	-	-
Hydro with installed capacity < 1 MW		202	213	139	230	286	392
Hydro with installed capacity > 1 & <10 MW		3 742	4 443	3 254	4 479	5 594	4 108
Hydro with installed capacity > 10 MW		116 473	124 593	102 219	104 154	129 915	115 299
Wood, Wood-waste		197	216	263	297	293	335
Municipal waste		116	68	135	124	86	111
Biogas		-	-	-	-	-	-

		NORGE					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		6	6	-	-	7	:
Hydro with installed capacity < 1 MW		48	44	45	49	49	:
Hydro with installed capacity > 1 & <10 MW		843	851	915	950	943	:
Hydro with installed capacity > 10 MW		25 428	25 367	25 021	26 513	25 418	:
Wood, Wood-waste		35	101	107	95	79	:
Municipal waste		-	-	26	26	26	:
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

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
Energy statistics							
Primary energy production	1000 toe	11 653	11 213	11 409	11 438	10 507	11 751
Net energy imports		15 262	15 047	14 739	15 168	16 244	16 106
Net oil imports		13 497	12 841	12 304	12 386	12 817	13 010
Net gas imports		2 533	2 486	2 628	2 711	2 783	2 706
Gross inland energy consumption		27 355	26 482	26 571	26 858	26 883	28 086
Final energy consumption		20 871	20 343	20 928	21 257	21 726	21 648
Industry		4 119	3 959	4 027	4 114	4 099	4 141
Transport		7 091	6 920	6 856	6 828	7 007	7 105
Services and households etc.		9 661	9 463	10 045	10 315	10 620	10 402
Gross electricity generation	GWh	72 425	67 185	67 449	65 596	59 612	64 038
Final electricity consumption		54 046	53 807	55 122	56 171	57 330	57 782
Socio-economic statistics							
Gross domestic product	Mio EUR 1995	270 483	271 681	271 144	278 011	284 741	293 965
Population	1000 per.	7 204	7 256	7 314	7 364	7 415	7 459
Industry added value	Mio EUR	72 199	72 242	72 174	73 119	75 701	79 131
Total imports (current prices)	Mio EUR	105 639	104 497	105 896	113 613	121 185	129 510
among which:							
All energy commodities		-	-	-	-	-	-
Oil products		-	-	-	-	-	-
Energy intensity							
Gross inland consumption / GDP(95)	kgoe/1 000 EUR	101.1	97.5	98.0	96.6	94.4	95.5
Final energy consumption / GDP(95)		77.2	74.9	77.2	76.5	76.3	73.6
Energy intensity of industry:							
Final consumption / gross value-added mp		57.1	54.8	55.8	56.3	54.1	52.3
Energy intensity of service sector:							
Final consumption / gross value-added mp		20.9	20.3	22.0	22.6	22.8	21.5
Energy consumption per inhabitant							
Gross inland consumption / capita	kgoe/cap.	3 797	3 650	3 633	3 647	3 625	3 765
Final energy consumption / capita		2 897	2 804	2 861	2 887	2 930	2 902
Household consumption / capita		806	783	816	818	840	822
Final electricity consumption / capita	kWh/cap.	7 502	7 416	7 537	7 628	7 732	7 747
Energy dependency							
Net energy imports / Gross consumption	in %	55.8	56.8	55.4	56.5	60.4	57.3
Energy efficiency							
Final energy consumption/Gross inland consumption	in %	76.3	76.8	78.8	79.1	80.8	77.1
Efficiency of thermal power stations		72.1	76.0	74.9	74.0	75.4	75.2

2. Energy balance

Principal aggregates by product

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Primary production							
Total		11 653	11 213	11 409	11 438	10 507	11 751
<i>among which:</i>	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Crude oil	-	-	-	-	-	-
	Natural Gas	-	-	-	-	-	-
	Nuclear heat	6 916	7 025	7 090	6 954	6 021	7 176
	Hydro-electricity	3 552	3 028	2 994	2 902	2 685	2 662
	Biomass	1 052	1 028	1 181	1 432	1 637	1 733
Imports							
Total		18 794	18 442	18 245	18 161	19 484	19 335
<i>among which:</i>	Hard coal	113	82	57	119	67	102
	Crude oil and feedstocks	5 019	4 996	4 737	5 349	5 001	5 715
	Petroleum products	9 031	8 456	8 209	7 632	8 294	7 835
	Natural Gas	2 533	2 486	2 628	2 711	2 783	2 706
	Electricity	2 072	2 390	2 587	2 326	3 297	2 907
Exports							
Total		3 532	3 395	3 506	2 992	3 240	3 229
<i>among which:</i>	Crude oil and feedstocks	-	-	-	-	-	-
	Petroleum products	553	610	643	595	479	540
	Natural gas	-	-	-	-	-	-
	Electricity	2 970	2 778	2 854	2 387	2 751	2 674
Gross inland consumption							
Total		27 355	26 482	26 571	26 858	26 883	28 086
<i>among which:</i>	Solid fuels	148	136	140	134	155	156
	Crude oil and petrol. prod.	13 647	12 766	12 377	12 353	12 605	12 948
	Natural gas	2 533	2 486	2 628	2 711	2 783	2 706
	Nuclear Energy	6 916	7 025	7 090	6 954	6 021	7 176
	Renewables	4 738	4 190	4 318	4 481	4 485	4 575
Transformation input							
Total		12 642	12 731	12 510	13 028	11 748	13 618
<i>among which:</i>	Crude oil and feedstocks	5 034	5 048	4 726	5 360	5 008	5 686
	Petroleum products	36	32	34	29	31	32
	Hard coal	-	-	-	-	-	-
	Lignite and peat	-	-	-	-	-	-
	Renewables	491	468	496	520	524	571
Transformation output							
Total		7 949	8 000	7 732	8 337	7 676	8 749
<i>among which:</i>	Electricity	2 558	2 602	2 629	2 590	2 280	2 678
	Heat	370	361	383	400	413	418

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
<i>in 1 000 toe</i>							
Final energy consumption							
Total		20 871	20 343	20 928	21 257	21 726	21 648
<i>among which:</i>	Solid fuels	148	136	140	134	155	156
	Petroleum products	12 421	11 971	12 137	12 055	12 096	11 973
	Natural Gas	2 382	2 340	2 476	2 561	2 636	2 571
	Renewables	694	693	826	1 057	1 274	1 339
	Electricity	4 647	4 627	4 740	4 830	4 929	4 968
Final energy consumption by sector							
Industry							
Total		4 119	3 959	4 027	4 114	4 099	4 141
<i>among which:</i>	Solid fuels	141	127	132	128	132	110
	Petroleum Products	1 051	955	973	976	852	853
	Natural Gas	773	749	784	810	832	867
	Renewables	191	191	166	207	256	271
	Electricity	1 586	1 557	1 573	1 603	1 625	1 633
Transport							
Total		7 091	6 920	6 856	6 828	7 007	7 105
<i>among which:</i>	Motor spirit	3 945	3 865	3 845	3 776	3 782	3 666
	Diesel oil	1 353	1 399	1 479	1 592	1 742	1 886
	Jet fuel	1 556	1 412	1 269	1 198	1 214	1 272
	Electricity	232	240	256	253	256	266
Services&households							
Total		9 661	9 463	10 045	10 315	10 620	10 402
<i>among which:</i>	Solid fuels	7	9	8	7	23	46
	Gas oil	4 365	4 173	4 418	4 346	4 399	4 184
	Natural Gas	1 609	1 591	1 691	1 751	1 804	1 704
	Renewables	503	502	660	848	1 011	1 060
	Electricity	2 829	2 830	2 910	2 974	3 048	3 069
	Heat	201	194	209	227	231	231

3.1 Electricity balance

	SCHWEIZ/SUISSE/SVIZZERA						
	<i>in GWh</i>	2001	2002	2003	2004	2005	2006
Generation							
Total gross generation		72 425	67 185	67 449	65 596	59 612	64 038
<i>among which:</i>							
Hydro		42 673	36 924	36 865	35 468	33 086	32 883
Wind		4	5	5	6	8	15
Geothermal		-	-	-	-	-	-
Nuclear		26 811	27 234	27 487	26 958	23 341	27 819
Conventional thermal		2 925	3 008	3 075	3 147	3 158	3 298
<i>of which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		251	234	249	210	191	182
Natural gas		847	890	926	945	869	786
Derived gases		-	-	-	-	-	-
Biomass		1 557	1 622	1 668	1 747	1 820	2 046
Industrial wastes		270	262	232	245	278	284
Total net generation		70 317	65 110	65 298	63 545	57 787	61 948
Imports and exports							
Total imports		24 096	27 800	30 084	27 056	38 346	33 803
Total exports		34 540	32 308	33 196	27 759	31 996	31 100
Consumption and losses							
Consumption of the energy branch		2 678	2 769	2 981	2 747	2 577	2 863
<i>of which:</i>							
Consumption for pumped-storage		582	708	847	713	771	796
Network losses		3 892	4 391	4 188	4 255	4 195	4 172
Final energy consumption		54 046	53 807	55 122	56 171	57 330	57 782
<i>of which:</i>							
Industry		18 450	18 106	18 292	18 642	18 897	18 997
<i>among which:</i>							
Iron&steel industry		1 127	1 251	1 374	1 497	1 385	1 636
Non-ferrous metals		993	836	678	521	1 110	377
Chemical industry		2 767	2 950	3 132	3 314	3 751	3 778
Non-met. mineral prod.		1 604	1 060	1 003	999	1 000	1 089
Food, drink, tobacco		1 749	1 781	1 812	1 844	1 774	1 912
Pulp, paper and print		2 609	2 698	2 786	2 874	2 559	2 520
Engineering & metal		2 294	1 911	1 529	1 147	1 061	1 147
Other industries		4 803	5 142	5 527	6 021	5 896	6 189
Transport		2 698	2 786	2 983	2 939	2 983	3 092
Services & households etc.		32 898	32 915	33 847	34 590	35 450	35 693
<i>among which:</i>							
Households		16 179	16 225	16 678	17 113	17 625	17 703

3.2 Electrical capacity, fuel inputs and heat

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
Net electrical capacity							
Total installed capacity	MW	18 953	18 988	19 023	19 059	19 097	19 086
by source:							
Conventional thermal		808	813	833	860	855	844
<i>of which:</i>							
Steam		434	436	452	486	478	557
Gas turbine		49	49	49	49	49	46
Combined cycle		241	245	250	243	246	92
Internal combustion		-	-	-	-	-	146
Nuclear		3 200	3 220	3 220	3 220	3 220	3 220
Hydro		14 940	14 950	14 965	14 970	15 010	15 010
<i>among which:</i>							
Pumped storage		1 655	1 655	1 655	1 655	1 655	1 655
Wind		5	5	5	9	12	12
Geothermal		-	-	-	-	-	-
Other		-	-	-	-	-	-
by producer type:							
Public system		17 117	17 126	17 169	17 173	17 208	18 282
Autoproducers		1 854	1 882	1 875	1 909	1 915	792
Fuel consumption in electricity and heat production							
Conventional thermal power plants	1 000 toe	678	645	682	702	706	752
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		34	30	32	27	28	29
Natural gas		128	123	134	131	127	116
Renewables		480	457	486	511	514	570
Heating plants		11	10	10	10	10	1
<i>among which:</i>							
Hard coal		-	-	-	-	-	-
Lignite and peat		-	-	-	-	-	-
Petroleum products		-	-	-	-	-	-
Natural gas		-	-	-	-	-	-
Renewables		11	10	10	10	10	1
Heat production and consumption							
Total heat production	1 000 toe	370	361	383	400	413	418
<i>among which: in heating plants</i>		105	105	112	124	128	107
Heat consumption		343	342	353	366	382	383
<i>of which: in industry</i>		141	148	144	139	152	152
in households and services		201	194	209	227	231	231
<i>among which: in households</i>		121	121	125	132	140	140

4.1 Crude oil and feedstocks

<i>in 1 000 t</i>	SCHWEIZ/SUISSE/SVIZZERA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	4 908	4 876	4 633	5 219	4 876	5 563
Total exports	-	-	-	-	-	-
Stock changes	-3	2	-23	11	5	-28
Refinery intake	4 923	4 927	4 622	5 229	4 882	5 535
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	487	611	283	455	450	197
Irak	-	-	-	-	-	-
Iran	408	365	401	394	25	-
Kazakhstan	-	162	82	195	283	748
Kuwait	-	-	-	-	-	-
Libya	2 359	2 168	2 457	2 368	2 691	2 660
Mexico	-	-	-	-	-	-
Nigeria	1 478	1 499	1 144	1 323	1 065	1 550
Norway	-	-	-	138	84	56
Russia	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	156	89
Syria	-	-	-	-	10	-
United Arab Emirates	-	-	-	-	-	-

4.2 Petroleum products

<i>in 1 000 t</i>	SCHWEIZ/SUISSE/SVIZZERA					
	2001	2002	2003	2004	2005	2006
Production and supply						
Total refinery output	4 908	4 915	4 614	5 214	4 855	5 500
<i>among which:</i>						
Motor spirit	1 159	1 178	1 072	1 362	1 268	1 465
Kerosene and jet fuel	407	406	344	350	212	228
Naphtha	-5	-3	15	-	-	1
Gas/diesel oil	2 025	2 011	1 893	2 148	2 170	2 573
Residual fuel oil	775	743	759	701	611	583
Total imports	8 801	8 240	7 996	7 444	8 102	7 662
Total exports	575	634	670	619	494	556
Bunkers	12	8	10	9	12	9
Stock changes	160	-65	106	-33	-205	-20
Gross inland consumption	8 374	7 533	7 422	6 783	7 391	7 077
Imports and exports						
Imports by origin						
<i>among which:</i>						
Netherlands	3 042	2 814	2 266	1 862	1 932	1 719
United Kingdom	-	1	-	-	1	1
Norway	-	-	-	-	-	-
OPEC	-	-	-	-	-	-
Imports by product						
<i>among which:</i>						
Motor spirit	2 701	2 647	2 694	2 393	2 330	2 011
Kerosene and jet fuel	1 113	973	911	811	971	1 016
Gas/diesel oil	4 581	4 242	4 028	3 831	4 347	4 160
Residual fuel oil	-	-	2	-	-	-
Exports by product						
<i>among which:</i>						
Motor spirit	-	1	-	1	-	-
Kerosene and jet fuel	-	-	-	-	-	-
Gas/diesel oil	-	-	9	4	2	3
Residual fuel oil	503	557	581	549	427	475
Consumption						
Inputs to electricity plants	34	30	32	27	28	29
Inputs to heating plants	-	-	-	-	-	-
Non-energy use	566	550	534	564	577	626
Final energy consumption	12 071	11 629	11 795	11 718	11 758	11 641
Industry						
<i>among which by product:</i>						
Gas/diesel oil	753	725	736	719	728	697
Residual fuel oil	177	120	129	142	112	139

<i>in 1 000 t</i>	SCHWEIZ/SUISSE/SVIZZERA					
	2001	2002	2003	2004	2005	2006
Industry						
<i>among which by sector:</i>						
Iron&steel industry	14	10	12	12	13	10
Non-ferrous metals	6	4	4	2	4	2
Chemical industry	95	85	93	97	92	103
Non-met. mineral prod.	124	102	102	124	98	91
Food, drink, tobacco	131	145	144	129	120	111
Pulp, paper and print	109	84	90	102	90	119
Engineering & metal	76	179	185	183	169	158
Other industries	428	301	302	291	234	226
Transport	6 603	6 432	6 354	6 330	6 498	6 587
<i>among which:</i>						
Motor spirit	3 754	3 678	3 659	3 593	3 599	3 488
Jet fuel	1 515	1 375	1 236	1 166	1 182	1 239
Diesel oil	1 330	1 375	1 454	1 565	1 712	1 854
Services & households etc.	4 425	4 251	4 477	4 419	4 416	4 208
<i>among which:</i>						
Gas oil	4 290	4 101	4 342	4 271	4 323	4 112
Residual fuel oil	-	-	-	-	-	-
Stocks at end of period						
Crude oil and feedstocks	76	74	97	86	81	109
Petroleum products	4 581	4 646	4 540	4 573	4 778	4 798

5. Natural gas

<i>in TJ (GCV)</i>	SCHWEIZ/SUISSE/SVIZZERA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	117 824	115 643	122 238	126 105	129 460	125 878
Total exports	-	-	-	-	-	-
Stock changes	-	-	-	-	-	-
Gross inland consumption	117 824	115 643	122 238	126 105	129 460	125 878
Imports						
Imports by origin						
<i>among which:</i>						
Algeria	-	-	-	-	-	-
Egypt	-	-	-	-	-	-
Libya	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-
Norway	-	-	-	-	-	-
Oman	-	-	-	-	-	-
Qatar	-	-	-	-	-	-
Russia	14 700	13 932	15 479	11 980	13 975	15 105
Consumption						
Inputs to electricity plants	5 941	5 734	6 218	6 077	5 890	5 376
Inputs to heat plants	-	-	-	-	-	-
Consumption of energy branch	-	-	-	-	-	-
Distribution losses	1 063	1 039	855	883	943	919
Non-energy use	-	-	-	-	-	-
Industry	35 973	34 865	36 484	37 699	38 726	40 311
<i>among which:</i>						
Iron&steel industry	1 284	2 851	3 243	3 270	2 881	3 746
Non-ferrous metals	1 205	983	1 120	823	944	1 197
Chemical industry	10 989	12 365	12 797	11 730	13 533	13 060
Non-met. mineral prod.	1 229	1 138	1 421	1 684	1 662	992
Food, drink, tobacco	7 980	4 447	5 274	6 304	6 746	8 166
Pulp, paper and print	5 162	7 654	6 779	7 081	6 366	5 420
Engineering & metal	1 677	770	989	977	1 168	1 182
Other industries	6 034	4 019	4 326	5 126	4 889	5 848
Transport	-	-	-	-	-	-
Services & households etc.	74 847	74 005	78 681	81 446	83 901	79 272
<i>among which:</i>						
Households	41 967	41 735	44 533	46 016	47 278	45 607
Services	32 880	32 270	34 148	35 430	36 623	33 665

6.1 Hard coal

<i>in 1 000 t</i>	SCHWEIZ/SUISSE/SVIZZERA					
	2001	2002	2003	2004	2005	2006
Primary production and supply						
Primary production	-	-	-	-	-	-
Total imports	168	122	85	177	100	152
Total exports	-	-	-	-	-	2
Stock changes	27	46	96	-	83	2
Gross inland consumption	195	168	181	177	183	152
Imports						
Imports by origin						
<i>among which:</i>						
Australia	-	-	-	-	-	-
Colombia	-	-	-	-	-	-
Russia	3	3	3	3	3	4
South Africa	153	111	76	163	91	142
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.	179	157	166	169	176	146
Food, drink, tobacco	-	-	-	-	-	-
Pulp, paper and print	-	-	-	-	-	-
Engineering & metal	-	-	-	-	-	-
Other industries	16	11	15	8	7	6
Services & households etc.	-	-	-	-	-	-

6.2 Coal derivatives and peat

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
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		90	90	100	120	120	136
Consumption							
Solid fuels	<i>in 1 000 t</i>						
Coke		23	32	25	20	20	19
<i>among which:</i>							
Iron & steel industry		-	-	-	-	-	-
Services & households		8	11	9	7	7	7
Patent Fuel		-	-	-	-	-	-
<i>among which:</i>							
Services & households		-	-	-	-	-	-
Lignite and peat		3	4	4	4	39	86
<i>among which:</i>							
Industry		-	-	-	-	-	-
Services & households		3	4	4	4	39	86
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		89	89	99	119	119	135
Inputs to electricity plants		-	-	-	-	-	-
Inputs to heat plants		-	-	-	-	-	-
Consumption of energy branch		-	-	-	-	-	-
Consumption in industry		8	8	9	11	11	12

7. Renewable energy sources

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
Primary production							
Total primary production	<i>in 1000 toe</i>	4 737	4 188	4 318	4 484	4 486	4 575
Hydro (excl. pumping)		3 552	3 028	2 994	2 902	2 685	2 662
Wind		0	0	0	1	1	1
Solar		26	23	24	25	26	28
Geothermal		107	109	119	124	137	151
Biomass		1 052	1 028	1 181	1 432	1 637	1 733
	<i>among which:</i>						
Wood, wood-waste		532	538	540	589	733	768
Municipal solid waste		458	430	582	782	839	897
Biogas		61	59	59	58	58	60
Gross inland consumption		4 738	4 190	4 318	4 481	4 485	4 575
Inputs to electricity and heat production							
	<i>in 1000 toe</i>						
Geothermal		-	-	-	-	-	-
Biomass		491	468	496	520	524	571
	<i>among which:</i>						
Wood, wood-waste		7	13	20	23	22	22
Municipal waste		458	430	452	475	478	524
Biogas		26	24	24	23	23	24
Final consumption of RES (excl. electricity)							
Total	<i>in 1000 toe</i>	694	693	826	1 057	1 274	1 339
	<i>by sector:</i>						
Industry		191	191	166	207	256	271
Services & households etc.		503	502	660	848	1 011	1 060
Transport		-	-	-	3	7	8
	<i>by source:</i>						
Biomass		561	562	685	909	1 112	1 162
	<i>among which:</i>						
Wood, wood-waste		526	527	520	564	710	746
Municipal waste		-	-	130	307	360	373
Biogas		35	35	35	35	35	36
Geothermal		107	109	119	124	137	151
Electricity generation from RES							
	<i>in GWh</i>						
Solar photovoltaics		12	14	17	17	19	23
Hydro with installed capacity < 1 MW		-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		41 308	35 214	34 819	33 748	31 226	30 959
Wood, Wood-waste		43	56	72	74	77	72
Municipal waste		1 356	1 412	1 443	1 526	1 594	1 816
Biogas		158	154	153	147	149	158

		SCHWEIZ/SUISSE/SVIZZERA					
		2001	2002	2003	2004	2005	2006
Electrical capacities of RES							
	<i>in MW</i>						
Solar photovoltaics (peak)		18	20	21	23	26	29
Hydro with installed capacity < 1 MW		-	-	-	-	-	-
Hydro with installed capacity > 1 & <10 MW		-	-	-	-	-	-
Hydro with installed capacity > 10 MW		13 285	13 295	13 310	13 315	13 355	13 355
Wood, Wood-waste		-	-	-	-	-	-
Municipal waste		262	262	282	294	302	335
Biogas		8	8	7	7	7	4
Liquid biofuels							
Production	<i>1000 t</i>	-	-	-	3	8	9
Solar Panels							
Solar panel surface	<i>1000 m²</i>	1 351	1 326	1 356	1 383	1 417	1 456

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