

蘇聯 에너지 統計

蘇聯은 우리 나라와 貿易事務所를 개설하는 등 앞으로 양국간에 交易活動이 활발히 전개될 것으로 전망된다. IEA 에서 수집한 蘇聯에너지 통계(1971, 1973, 1981, 1987 년 분)를 다음에 게재한다.

Abbreviated Energy Balance ('000toe) / Bilan Abrege de l'Energie (000tep)

USSR

1971	Coal	Oil	Gas	Hydr/Oth(1)	Electr.	Total
Indigenous Production	302387	381939	161710	34452	.	880488
Imports	5249	6088	6215	.	.	17551
Export	-16712	-102771	-3479	.	-602	-123565
Intl Marine Bunkers	.	-2784	.	.	.	-2784
Stock change (+/-)	.	.	-576	.	.	-576
TOTAL ENERGY REQUIREMENT	290923	282471	163870	34452	-602	771114
Petroleum Refineries	.	.	.	.	.	.
Electricity Generation	.	.	.	.	68831	.
Other Transformation *	.	.	.	.	.	.
TOTAL FINAL CONSUMPTION	.	.	.	.	.	.
Electr. Generated (Gwh)	.	.	.	132199	.	800360
1973						
Indigenous Production	314766	434486	179981	35532	.	964765
Imports	6096	14269	8717	.	135	29217
Export	-16744	-115893	-5221	.	-848	-138705
Intl Marine Bunkers	.	-3360	.	.	.	-3360
Stock change (+/-)	.	.	-1232	.	.	-1232
TOTAL ENERGY REQUIREMENT	304118	329501	182246	35532	-713	850685
Petroleum Refineries	.	.	.	.	.	.
Electricity Generation	.	.	.	.	78656	.
Other Transformation *	.	.	.	.	.	.
TOTAL FINAL CONSUMPTION	.	.	.	.	.	.
Electr. Generated (Gwh)	.	.	.	136345	.	914606

* includes Returns, Transfers, Statistical Difference, Own Use and Losses
 (1) Includes production of Nuclear electricity

Energy Balance Sheet ('000toe) / Bilan Global de l'Energie ('000tep)

USSR 1981

	Coal	Oil	Gas	Nuclear	Hyd/Oth	Electr	Heat	Total
Indigenous Production	320934	616462	352600	22412	48733	.	.	1361142
Imports	2528	6065	1700	.	.	.	.	10293
Export	-13561	-163228	-45300	.	.	-1729	.	-223818
Intl. Marine Bunkers	.	-4512	.	.	.	.	.	-4512
Stock Change	-1000	.	-4000	.	.	.	.	-5000
TOTAL ENERGY REQUIREMENT	308901	454788	305000	22412	48733	-1729	.	1138105
Returns and Transfers	.	.	.	.	.	.	.	.
Statistical Differences	5880	-22750	3500	.	.	-2382	.	-15752
Manufactured Gases	.	.	.	.	.	.	.	.
Oil Refineries	.	-18396	-1300	.	.	.	-1340	-21036
Liquefaction	.	.	.	.	.	.	.	.
Public Service Electricity	-115381	-118944	-89700	-22412	-48733	107414	9000	-278757
Autoproducers of Electr.	-7000	.	-10100	.	.	6622	.	-10478
Other Transformation	.	.	.	.	.	.	.	.
Own Use	-8000	.	-28500	.	.	-12281	.	-48781
Distrib. and Transf. Losses	-11500	.	-4200	.	.	-9271	.	-24971
TOTAL FINAL CONSUMPTION	172899	294698	174700	.	.	88374	7660	738331
TOTAL INDUSTRY	101400	95525	128400	.	.	58136	5740	389201
Iron and Steel	84100	6144	29200	.	.	10062	.	129506
Chemical and Petrochemical	4000	44146	32000	.	.	12040	2600	94786
(of which: Feedstocks)	.	37042	20000	.	.	.	.	57042
Non-Ferrous Metals	6000	5760	3800	.	.	9142	250	24952
Non-Metallic Minerals	7300	10656	20200	.	.	4042	.	42198
Transp. Equip. and Machinery	.	.	.	.	.	9632	1250	10882
Mining and Quarrying	.	.	.	.	.	.	.	.
Food and Tobacco	.	.	.	.	.	2064	100	2164
Paper, Pulp and Printing	.	.	.	.	.	2580	300	2880
Wood and Wood Products	.	.	.	.	.	.	.	.
Construction	.	6210	.	.	.	2322	.	8532
Textile and Leather	.	.	.	.	.	.	.	.
Industry (non-specified)	.	22609	43200	.	.	6252	1240	73301
TOTAL TRANSPORT	7800	129053	1100	.	.	6777	.	144730
Air	.	14212	.	.	.	.	.	14212
Road	.	77433	1100	.	.	.	.	78533
Rail	7800	13823	.	.	.	6777	.	28399
Internal Navigation	.	9801	.	.	.	.	.	9801
Transport (non-specified)	.	13785	.	.	.	.	.	13785
TOTAL OTHER	63700	29126	45200	.	.	23461	1920	163406
Agriculture	4500	14789	2200	.	.	9795	.	31284
Commerce	.	.	.	.	.	.	.	.
Public Services	.	9216	.	.	.	.	.	9216
Residential	59200	5122	43000	.	.	13665	1920	122907
Other (non-specified)	.	.	.	.	.	.	.	.
NON-ENERGY USE	.	40994	.	.	.	.	.	40994
Unallocated	.	40994	.	.	.	.	.	40994
MEMO ITEMS:	.	.	.	.	.	.	.	.
Electricity Generated - GWh	363100	349400	340500	86000	187000	.	.	1326000
Public	363100	349400	263500	86000	187000	.	.	1249000
Autoproducers	.	.	77000	.	.	.	.	77000

Energy Balance Sheet ('000toe) / Bilan Global de l'Energie ('000tep)

USSR 1987

	Coal	Oil	Gas	Nuclear	Hyd/Oth	Electr	Heat	Total
Indigenous Production	321660	631764	551300	48733	57594	.	.	1611052
Imports	6079	14288	1700	.	.	.	.	22067
Export	-19670	-203225	-62200	.	.	-2580	.	-287676
Intl. Marine Bunkers	.	-4704	.	.	.	.	.	-4704
Stock Change	1010	.	-10000	.	.	.	.	-8990
TOTAL ENERGY REQUIREMENT	309080	438122	480800	48733	57594	-2580	.	1331749
Returns and Transfers	.	.	.	.	.	.	.	.
Statistical Differences	25213	-25310	-9900	.	.	-5151	.	-15148
Manufactured Gases	.	.	.	.	.	.	.	.
Oil Refineries	.	-17159	-1300	.	.	.	-1330	-19789
Liquefaction	.	.	.	.	.	.	.	.
Public Service Electricity	-90018	-83904	-171800	-48733	-57594	135708	10900	-305441
Autoproducers of Electr.	-8079	.	-11100	.	.	7396	.	-11783
Other Transformation	-47966	.	.	.	.	.	.	-47966
Own Use	-8079	.	-53000	.	.	-15764	.	-76842
Distrib. and Transf. Losses	-11209	.	-6600	.	.	-12264	.	-30072
TOTAL FINAL CONSUMPTION	168943	311749	227100	.	.	107345	9570	824707
TOTAL INDUSTRY	103103	105389	161400	.	.	67656	6930	444478
Iron and Steel	82401	5760	36200	.	.	10750	.	135111
Chemical and Petrochemical (of which: Feedstocks)	7069	49865	43000	.	.	14018	3100	117051
Non-Ferrous Metals	6059	5760	5800	.	.	8944	250	26813
Non-Metallic Minerals	7574	11232	25700	.	.	4644	.	49150
Transp. Equip. and Machinery	.	.	.	.	.	11438	1600	13038
Mining and Quarrying	.	.	.	.	.	.	.	.
Food and Tobacco	.	.	.	.	.	2322	100	2422
Paper, Pulp and Printing	.	.	.	.	.	3096	300	3396
Wood and Wood Products	.	.	.	.	.	.	.	.
Construction	.	6210	.	.	.	2580	.	8790
Textile and Leather	.	.	.	.	.	.	.	.
Industry (non-specified)	.	26563	50700	.	.	9864	1580	88707
TOTAL TRANSPORT	7271	135588	1700	.	.	8127	.	152686
Air	.	16198	.	.	.	.	.	16198
Road	.	80102	1700	.	.	.	.	81802
Rail	7271	13926	.	.	.	8127	.	29324
Internal Navigation	.	10001	.	.	.	.	.	10001
Transport (non-specified)	.	15363	.	.	.	.	.	15363
TOTAL OTHER	58570	29631	64000	.	.	31562	2640	186402
Agriculture	2020	15948	5000	.	.	13502	.	36470
Commerce	.	.	.	.	.	.	.	.
Public Services	.	8736	.	.	.	.	.	8736
Residential	56550	4947	59000	.	.	18060	2640	141197
Other (non-specified)	.	.	.	.	.	.	.	.
NON-ENERGY USE	.	41141	.	.	.	.	.	41141
Unallocated	.	41141	.	.	.	.	.	41141
MEMO ITEMS:								
Electricity Generated - Gwh	421200	245700	589100	187000	221000	.	.	1664000
Public	421200	245700	503100	187000	221000	.	.	1578000
Autoproducers	.	.	86000	.	.	.	.	86000