

Physical Supply and Use Tables for Energy

2017

Unit: kiloliter of oil equivalent

Energy industry	Total supply				Transfers and transformation					Total supply
	Total	From the environment	Import	Transformation output	Transfers (Input)	Transformation input				
						Total	Coke ovens	Petroleum refineries	Electricity	
一、Natural inputs	2,594,685	2,594,685			132	1,843,994	—	4,843	1,839,151	750,559
(一) Mineral and energy	217,429	217,429			—	5,092	—	4,843	249	212,337
Coal and peat	—	—			—	—	—	—	—	—
Crude oil	4,868	4,868			—	4,843	—	4,843	—	25
Natural gas	212,561	212,561			—	249	—	—	249	212,312
Liquefied natural gas	—	—			—	—	—	—	—	—
(二) Energy from renewable	863,839	863,839			—	762,035	—	—	762,035	101,804
Hydro power	468,426	468,426			—	468,426	—	—	468,426	—
Solar photovoltaic	145,477	145,477			—	145,477	—	—	145,477	—
Wind power	148,131	148,131			—	148,131	—	—	148,131	—
Solar thermal	101,804	101,804			—	—	—	—	—	101,804
(三) Others	1,513,417	1,513,417			132	1,076,867	—	—	1,076,867	436,417
Biomass and waste	1,513,417	1,513,417			132	1,076,867	—	—	1,076,867	436,417
二、Energy product	219,493,416		129,326,509	90,166,907	3,809,967	108,435,711	10,963,197	44,629,002	52,843,512	107,247,738
(一) Primary energy	111,033,430		109,779,808	1,253,623	0	99,736,212	7,322,636	44,295,714	48,117,862	11,297,218
Coal and peat	39,630,698		39,630,698	—	—	33,560,847	7,322,636	—	26,238,212	6,069,850
Crude oil	44,525,138		44,525,138	—	—	44,295,714	—	44,295,714	—	229,424
Natural gas	1,253,623		—	1,253,623	—	1,468	—	—	1,468	1,252,155
LNG	19,774,592		19,774,592	—	—	16,028,824	—	—	16,028,824	3,745,768
Nuclear power	5,849,305		5,849,305	—	—	5,849,305	—	—	5,849,305	—
Hydro power	—		—	—	—	—	—	—	—	—
Solar photovoltaic	—		—	—	—	—	—	—	—	—
Wind power	—		—	—	—	—	—	—	—	—
Solar thermal	—		—	—	—	—	—	—	—	—
Biomass and waste	75		75	—	0	53	—	—	53	22
(二) Secondary energy	108,459,986		19,546,702	88,913,284	3,809,967	8,699,499	3,640,561	333,288	4,725,649	95,950,520
Coal products	7,590,890		191,475	7,399,415	—	4,653,213	3,640,561	—	1,012,651	2,937,677
Petroleum products	77,086,331		19,355,226	57,731,104	3,809,967	3,759,590	—	333,288	3,426,302	69,516,774
Electricity to pump up	286,696		—	286,696	—	286,696	—	—	286,696	—
Heat	252,101		—	252,101	—	—	—	—	—	252,101
Electricity	23,243,968		—	23,243,968	—	—	—	—	—	23,243,968

Physical Supply and Use Tables for Energy (continuous)

2017

Unit: kiloliter of oil equivalent

Energy industry	Domestic consumption								
	Total	Energy sector own use	Energy consumption						Non-energy use
			Total	Industrial sector	Transport sector	Agriculture sector	Service sector	Residential sector	
一、Natural inputs	735,477	147	735,330	500,875	—	—	48,963	185,492	—
(一) Mineral and energy resources	197,239	147	197,092	64,441	—	—	45,909	86,742	—
Coal and peat	—	—	—	—	—	—	—	—	—
Crude oil	—	—	—	—	—	—	—	—	—
Natural gas	197,239	147	197,092	64,441	—	—	45,909	86,742	—
Liquefied natural gas	—	—	—	—	—	—	—	—	—
(二) Energy from renewable sources	101,804	—	101,804	—	—	—	3,054	98,750	—
Hydro power	—	—	—	—	—	—	—	—	—
Solar photovoltaic	—	—	—	—	—	—	—	—	—
Wind power	—	—	—	—	—	—	—	—	—
Solar thermal	101,804	—	101,804	—	—	—	3,054	98,750	—
(三) Others	436,434	—	436,434	436,434	—	—	—	—	—
Biomass and waste	436,434	—	436,434	436,434	—	—	—	—	—
二、Energy product	83,754,931	5,282,545	55,947,033	24,033,785	20,268,730	585,049	5,313,402	5,746,066	22,525,354
(一) Primary energy	9,692,748	310,682	9,367,250	8,412,273	—	3,316	390,876	560,786	14,816
Coal and peat	6,015,152	—	6,000,336	6,000,336	—	—	—	—	14,816
Crude oil	—	—	—	—	—	—	—	—	—
Natural gas	1,163,259	868	1,162,391	380,053	—	—	270,760	511,579	—
LNG	2,514,316	309,814	2,204,501	2,031,862	—	3,316	120,116	49,207	—
Nuclear power	—	—	—	—	—	—	—	—	—
Hydro power	—	—	—	—	—	—	—	—	—
Solar photovoltaic	—	—	—	—	—	—	—	—	—
Wind power	—	—	—	—	—	—	—	—	—
Solar thermal	—	—	—	—	—	—	—	—	—
Biomass and waste	22	—	22	22	—	—	—	—	—
(二) Secondary energy	74,062,183	4,971,862	46,579,782	15,621,513	20,268,730	581,734	4,922,525	5,185,280	22,510,538
Coal products	2,861,347	1,138,149	1,429,615	1,429,615	—	—	—	—	293,583
Petroleum products	48,468,955	2,123,139	24,128,860	1,804,360	20,146,353	320,553	766,969	1,090,625	22,216,955
Electricity to pump up	—	—	—	—	—	—	—	—	—
Heat	252,101	—	252,101	252,101	—	—	—	—	—
Electricity	22,479,780	1,710,573	20,769,207	12,135,438	122,377	261,181	4,155,557	4,094,655	—

Physical Supply and Use Tables for Energy (continuous)

2017

Unit: kiloliter of oil equivalent

Energy industry	Exports	International marine bunkers and civil aviati	Stock changes	Energy residuals—losses					Statistical differences
				Total	Losses during extraction	Losses during distribution	Losses during storage	Losses during transformation	
一、Natural inputs	—	—	15,004	—	—	—	—	—	78
(一) Mineral and energy resources	—	—	15,020	—	—	—	—	—	78
Coal and peat	—	—	—	—	—	—	—	—	—
Crude oil	—	—	27	—	—	—	—	—	-2
Natural gas	—	—	14,993	—	—	—	—	—	80
Liquefied natural gas	—	—	—	—	—	—	—	—	—
(二) Energy from renewable sources	—	—	—	—	—	—	—	—	—
Hydro power	—	—	—	—	—	—	—	—	—
Solar photovoltaic	—	—	—	—	—	—	—	—	—
Wind power	—	—	—	—	—	—	—	—	—
Solar thermal	—	—	—	—	—	—	—	—	—
(三) Others	—	—	-17	—	—	—	—	—	—
Biomass and waste	—	—	-17	—	—	—	—	—	—
二、Energy product	20867604	1,211,177	-103,651	1,823,306	—	—	848,046	975,260	-305,629
(一) Primary energy	980	—	744,603	975,260	—	—	—	975,260	-116,373
Coal and peat	980	—	406,056	—	—	—	—	—	-352,337
Crude oil	—	—	247,293	—	—	—	—	—	-17,869
Natural gas	—	—	88,426	—	—	—	—	—	470
LNG	—	—	2,829	975,260	—	—	—	975,260	253,364
Nuclear power	—	—	—	—	—	—	—	—	—
Hydro power	—	—	—	—	—	—	—	—	—
Solar photovoltaic	—	—	—	—	—	—	—	—	—
Wind power	—	—	—	—	—	—	—	—	—
Solar thermal	—	—	—	—	—	—	—	—	—
Biomass and waste	—	—	0	—	—	—	—	—	—
(二) Secondary energy	20,866,625	1,211,177	-848,254	848,046	—	—	848,046	—	-189,256
Coal products	31,860	—	-5,756	88,898	—	—	88,898	—	-38,672
Petroleum products	20,834,765	1,211,177	-842,498	—	—	—	—	—	-155,624
Electricity to pump up	—	—	—	—	—	—	—	—	—
Heat	—	—	—	—	—	—	—	—	—
Electricity	—	—	—	759,148	—	—	759,148	—	5,040