

NIR 2018, Annex 4

Energy balance, 2016

SLOVENIA'S NATIONAL INVENTORY REPORT 2018

Table A4.1: Oil products, 2016 in kt

SUPPLY OF OIL PRODUCTS 2016	Total motor gasoline			Aviation gasoline	Kerosene type jet fuel			Total gas/ diesel oil		
		Bio- gasoline	Non bio- gasoline			Road diesel	Heating and other gas oil		Bio- diesels	Non-bio gas/ diesel oil
Primary product receipts	NO	NO	NO	NO	NO	16	NO	16	16	NO
Imports (Balance)	603	6	598	1	230	2,665	332	2,997	NO	2,997
Exports (Balance)	168	NO	168	NO	180	1,191	158	1,349	NO	1,349
International marine bunkers	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Stock changes	-11	NO	-11	NO	-29	-12	49	37	NO	37
Opening stock level	138	NO	138	NO	14	298	133	411	NO	411
Closing stock level	149	NO	149	NO	43	310	64	374	NO	374
Gross inland deliveries (Calculated=Observed)	424	6	418	1	21	1,478	223	1,701	16	1,685
Net calorific value - average (MJ/kt)	43.612	30.324	43.850	43.540	43.540	42.534	42.600	42.170	36.900	42.600

SUPPLY OF OIL PRODUCTS 2016	Total fuel oil			LPG	White spirit and SBP	Lubricants	Bitumen	Petroleum coke	Other oil products
		Fuel oil- low sulphur (< 1%)	Fuel oil- high sulphur (≥ 1%)						
Primary product receipts	NO	NO	NO	NO	NO	NO	NO	NO	NO
Imports (Balance)	436	1	435	80	2	49	59	87	4
Exports (Balance)	311	NO	311	NO	NO	19	NO	17	1
International marine bunkers	124	NO	124	NO	NO	NO	NO	NO	NO
Stock changes	NO	NO	NO	NO	NO	-1	NO	-3	NO
Opening stock level	NO	NO	NO	12	NO	3	NO	6	1
Closing stock level	NO	NO	NO	12	NO	4	NO	9	1
Gross inland deliveries	1	1	NO	80	2	29	69	67	3
Net calorific value - average (MJ/t)	41.041	41.420	41.040	46.050	43.210	42.140	36.000	33.982	34.000

Table A4.2: Solid fuels, 2016 in kt

SOLID FUELS 2016	Other bituminous coal	Sub- bituminous coal	Lignite	Coke - Oven coke
Indigenous production	NO	NO	3,349	NO
Net calorific value – production (MJ/t)	NA	NA	11.775	NA
Total imports (Balance)	13	361	11	28
Net calorific value - import (MJ/t)	27.256	19.376	9.327	29.985
Total exports (Balance)	NO	NO	NO	NO
Net calorific value - export (MJ/t)	NA	NA	NA	NA
Stock changes	-2	11	16	-1
Inland consumption - Calculated	11	372	3,376	27
Statistical differences	NO	NO	NO	NO

Table A4.3: Natural gas, 2016 in Sm³ and TJ

NATURAL GAS 2016	Million m3 (at 15°C, 760 mm Hg)	TJ (GCV)	Average GCV (MJ/m³)	Average NCV (kJ/m³)
Indigenous production	5	199	39.875	35.888
Imports (Balance)	861	32,600	37.862	34.076
Exports (Balance)	NO	NO	NO	NO
International marine bunkers	NO	NO	NO	NO
Stock changes	NO	NO	NO	NO
Inland consumption	866	32,799	37.874	34.087

Table A4.4: Supply of other fuels including biomass, 2016 in TJ (NCV).

	Industrial waste	Solid biofuels	Fuel-wood, wood residues and by-products	Other vegetal materials and residues	Biogases	Landfill gas	Sewage sludge gas	Other biogases from anaerobic fermentation
Indigenous production	1,877	25,475	25,239	236	1,264	153	92	1,019

Table A4.5: Consistency of data reported in the NIR (RA) and statistical data (EB) for 2016

FUEL TYPES			Apparent consumption from RA (TJ)	Apparent consumption from EB (TJ)	Absolute difference (TJ)	Relative difference %	Explanations for differences
Liquid fossil	Primary fuels						
	Secondary fuels	Gasoline	18,318.5	18,329.3	-10.8	-0.1%	Amount of fuel is rounded to 1000 t and then multiply with NCV
		Jet kerosene	58.8	914.3	-855.5	-1,453.8%	The majority of jet kerosene is used in the international bunkers
		Gas/diesel oil	71,777.6	71,781.0	-3.4	0.0%	Amount of fuel is rounded to 1000 t and then multiply with NCV
		Residual fuel oil	33.2	41.0	-7.8	-23.4%	Amount of fuel is rounded to 1000 t and then multiply with NCV
		Liquefied petroleum gases (LPG)	3,682.0	3,684.0	-2.0	0.1%	Amount of fuel is rounded to 1000 t and then multiply with NCV
		Bitumen	2,356.4	2,124.0	232.4	9.9%	Different NCV - in CRF a default value from 2006 IPCC GL has been used
		Lubricants	1,165.8	1,222.1	-56.3	4.8%	Different NCV - in CRF a default value from 2006 IPCC GL has been used
		Petroleum coke	2,323.4	2,276.8	-46.6	2.0%	Different NCV
		Other oil	102.0	102.0	0.0	0.0%	
	Other liquid fossil		113.8	86.4	27.4	24.1%	Different NCV
	Liquid fossil total		99,931.7	97,090	2,841.7	2.8%	

SLOVENIA'S NATIONAL INVENTORY REPORT 2018

Solid fossil	Primary fuels	Other bituminous coal	291.7	272.6	19.2	6.6%	Different NCVs and rounding to 1000 t
		Sub-bituminous coal	7,234.2	7,227.2	7.0	0.1%	Different NCVs and rounding to 1000 t
		Lignite	39,530.7	39,725.5	-194.7	-0.5%	Different NCVs and rounding to 1000 t
	Secondary fuels	Coke oven/gas coke	798.3	809,6	-11.3	-1.4%	Different NCVs and rounding to 1000 t
	Solid fossil totals		47,854.9	48,050.0	195.1	-0.4%	
Gaseous fossil		Natural gas (dry)	29,519.4	29,509.8	9.6	0.0%	Rounding to 1000 Sm ³
Gaseous fossil totals			29,519.4	29,509.8	9.6	0.0%	
	Waste (non-biomass fraction)		1,876.0	1,876.0	0.0	0.0%	
Total			179,182.0	176,525.8	2,656.2	1.5%	