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Federal Department of the Environment,
Transport, Energy and Communications DETEC

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June 2026

Swiss Energy Statistics (ENSTAT)

Energy Consumption in Switzerland 2025

Extract from the Swiss Overall Energy Statistics 2025

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These statistics are part of the Swiss Energy Statistics (ENSTAT) published by the Swiss Federal Office of Energy (SFOE), Swiss official statistics on energy (Legal basis: Federal Statistics Act (FStatA)).

Switzerland's energy balance for 2025 (in TJ)

Table 1a

	Wood	Coal	Waste	Crude oil	Petroleum products	Gas	Hydro	Nuclear	Other renewable energy	Electricity	District heating	Total
Inland production	48'770		56'220				134'950		65'710			305'650
+ Imports	2'940	1'830	4'360	132'240	258'340	99'200		200'500	9'330	110'600		819'340
+ Exports	-110	0			-16'220					-110'520		-126'850
+ Change in stock[1]		440		170	600				230			1'440
= Total energy supply	**51'600**	**2'270**	**60'580**	**132'410**	**242'720**	**99'200**	**134'950**	**200'500**	**75'270**	**80**	**0**	**999'580**
+ Transformation sector:												
• Hydro plants							-134'950			134'950		0
• Nuclear plants								-200'500		66'160	960	-133'380
• Conventional thermal electricity, CHP and heat plants	-5'770		-48'340		-520	-6'520				8'890	27'210	-25'050
• Gas-fired power plants						0						0
• Refinery				-132'410	132'410							0
• Renewables	-4'020		-90			1'840			-33'970	33'080		-3'160
+ Own use, distribution losses, used for storage					-6'370	-130				-34'470	-2'550	-43'520
+ Non-energy use					-16'600							-16'600
= Total final consumption	**41'810**	**2'270**	**12'150**	**0**	**351'640**	**94'390**	**0**	**0**	**41'300**	**208'690**	**25'620**	**777'870**

[1] + decrease in stock
- increase in stock

Balance of renwable energy 2025 (in TJ) (amended on 19.06.2026)

Table1b

	Hydro-power	Wood and wood charcoal	Municipal and industrial waste	Gas	Liquid biofuels	Biogases	Solar	Wind	Ambient heat	Renewable electricity	Renewable heat	Total
Inland production	134'946	48'774	24'626		512	6'891	31'159	578	26'573	0	0	274'059
+ Imports		2'940	2'179		9'331					7'929		22'378
+ Exports		-110			-3					-11'404		-11'518
+ Change in stock					234							234
= Total energy supply	134'946	51'604	26'805	0	10'074	6'891	31'159	578	26'573	-3'476	0	285'154
+ Transformation sector:												
Hydropower plants												
Run-of-river power plants	-58'774									58'774		0
Storage power plants	-76'172									57'398		-18'774
Solar use												
Photovoltaics							-28'612			28'612		0
Use of ambient heat												
Use of biomass												
Automatic wood-fired systems		-6'463		0						1'400	3'227	-1'835
Thermal plants with wood part		-3'327								848	1'136	-1'344
Biogas plants in agriculture				114		-1'719				763		-841
Wind plants								-578		578		0
Use of renwable waste												
Waste incineration plants			-23'847							3'893	8'238	-11'716
Thermal power plants for industrial waste			-95							73		-22
Landfill gas power plants						0				0	0	0
Biogas plants in industry				731		-1'274				294		-249
Energy use in wastewater treatment plants												
Sewage gas plants				892		-1'653				560		-201
Biogas plants treating industrial wastewater				98		-134				26		-10
+ Own use and distribution losses												
Renewable share of distribution losses										-10'717	-1'141	-11'857
= Total final consumption	0	41'814	2'864	1'835	10'074	2'111	2'547	0	26'573	139'027	11'460	238'304

Final Energy Consumption

Table 2

Energy source	Final consumption in original units		Final consumption in TJ		Change in %	Share in %	
	2024	**2025**	2024	**2025**	**2024-2025**	2024	**2025**
Petroleum products	8'266'000 t	**8'189'000 t**	354'810	**351'640**	-0.9	45.7	**45.2**
Electricity	57'512 GWh	**57'970 GWh**	207'040	**208'690**	0.8	26.7	**26.8**
Gas[1]	26'513 GWh	**26'220 GWh**	95'450	**94'390**	-1.1	12.3	**12.1**
Coal	107'000 t	**95'000 t**	2'560	**2'270**	-11.3	0.3	**0.3**
Wood	-		42'000	**41'810**	-0.5	5.4	**5.4**
District heating	6'683 GWh	**7'117 GWh**	24'060	**25'620**	6.5	3.1	**3.3**
Waste	-	**-**	11'900	**12'150**	2.1	1.5	**1.6**
Other renewable Energy	-	**-**	38'390	**41'300**	7.6	4.9	**5.3**
thereof:							
Biogenic fuels	-	**-**	9'200	**10'070**	9.5	1.2	**1.3**
Biogas[2]	-	**-**	2'100	**2'110**	0.5	0.3	**0.3**
Solar thermal	-	**-**	2'590	**2'550**	-1.5	0.3	**0.3**
Ambient heat from soil, groundwater, air, etc.	-	**-**	24'500	**26'570**	8.4	3.2	**3.4**
Total final consumption	-	**-**	776'210	**777'870**	0.2	100.0	**100.0**

[1] Net calorific value (NCV: 36,3 MJ/Norm m3); in gas industry the gross calorific value (GCV: 40,3 MJ/Norm m3) is commonly used; NCV = 0,9 * GCV

[2] In 2025, 1'840 TJ of Biogas was injected into the gas distribution system and is included in Gas (2024: 1'700 TJ)

Petroleum Products

Table 3

Energy source	Final consumption in t		Final consumption in TJ		Change in %	Share in %	
	2024	**2025**	2024	**2025**	**2024-2025**	2024	**2025**
Fuel oils	1'962'000	**1'872'000**	84'200	**80'470**	-4.4	23.7	**22.9**
thereof:							
Extra-light heating oil	1'884'000	**1'803'000**	80'820	**77'350**	-4.3	22.8	**22.0**
Heavy fuel oil	0	**0**	0	**0**	-	0.0	**0.0**
Petroleum coke	15'000	**4'000**	480	**130**	-72.9	0.1	**0.0**
Others	63'000	**65'000**	2'900	**2'990**	3.1	0.8	**0.9**
Motor fuels	6'304'000	**6'317'000**	270'610	**271'180**	0.2	76.3	**77.1**
thereof:							
Gasoline	2'050'000	**2'062'000**	87'330	**87'840**	0.6	24.6	**25.0**
Aviation fuel	1'799'000	**1'856'000**	77'720	**80'180**	3.2	21.9	**22.8**
Diesel oil	2'455'000	**2'399'000**	105'570	**103'160**	-2.3	29.8	**29.3**
Final consumption	8'266'000	**8'189'000**	354'810	**351'640**	-0.9	100.0	**100.0**

Electricity

Table 4

	GWh (1 GWh =3.6 TJ)		Change in %	Share in %	
	2024	**2025**	**2024-2025**	2024	**2025**
Production					
Hydroelectric plants	48'337	**37'485**	-22.5	59.6	**55.5**
Nuclear power plants	22'983	**18'379**	-20.0	28.4	**27.2**
Conventional thermal power plants:	2'530	**2'469**	-2.4	3.1	**3.7**
thereof:					
non-renewable	1'433	**1'367**	-4.6	1.8	**2.0**
renewable	1'097	**1'102**	0.5	1.4	**1.6**
Miscellaneous renewables:	7'204	**9'189**	27.6	8.9	**13.6**
thereof:					
Wood	620	**624**	0.6	0.8	**0.9**
Biogases	452	**456**	0.9	0.6	**0.7**
Photovoltaics	5'961	**7'948**	33.3	7.4	**11.8**
Wind	171	**161**	-5.8	0.2	**0.2**
Domestic production	**81'054**	**67'522**	**-16.7**	**100.0**	**100.0**
Consumption by storage pumps (-)	4'817	5'215	8.3	5.9	7.7
Net production	**76'237**	**62'307**	**-18.3**	**94.1**	**92.3**
Import (+)[1]	25'955	30'721	18.4	-	-
Export (-)[1]	40'354	30'700	-23.9	-	-
Domestic consumption	**61'838**	**62'328**	**0.8**	**100.0**	**100.0**
Losses (-)	4'326	4'358	0.7	7.0	7.0
Final consumption	**57'512**	**57'970**	**0.8**	**93.0**	**93.0**
Final consumption by sector:				100	100
Households	19'777	19'934	0.8	34.4	34.4
Agriculture	925	912	-1.4	1.6	1.6
Industry	16'435	16'524	0.5	28.6	28.5
Services	14'767	14'675	-0.6	25.7	25.3
Transport[2]	5'608	5'925	5.7	9.8	10.2

[1] physical

[2] thereof railways 2025: 3'108 GWh (2024: 3'077 GWh)
thereof electromobility (incl. non-road) 2025: 1'414 GWh (2024: 1'111 GWh)

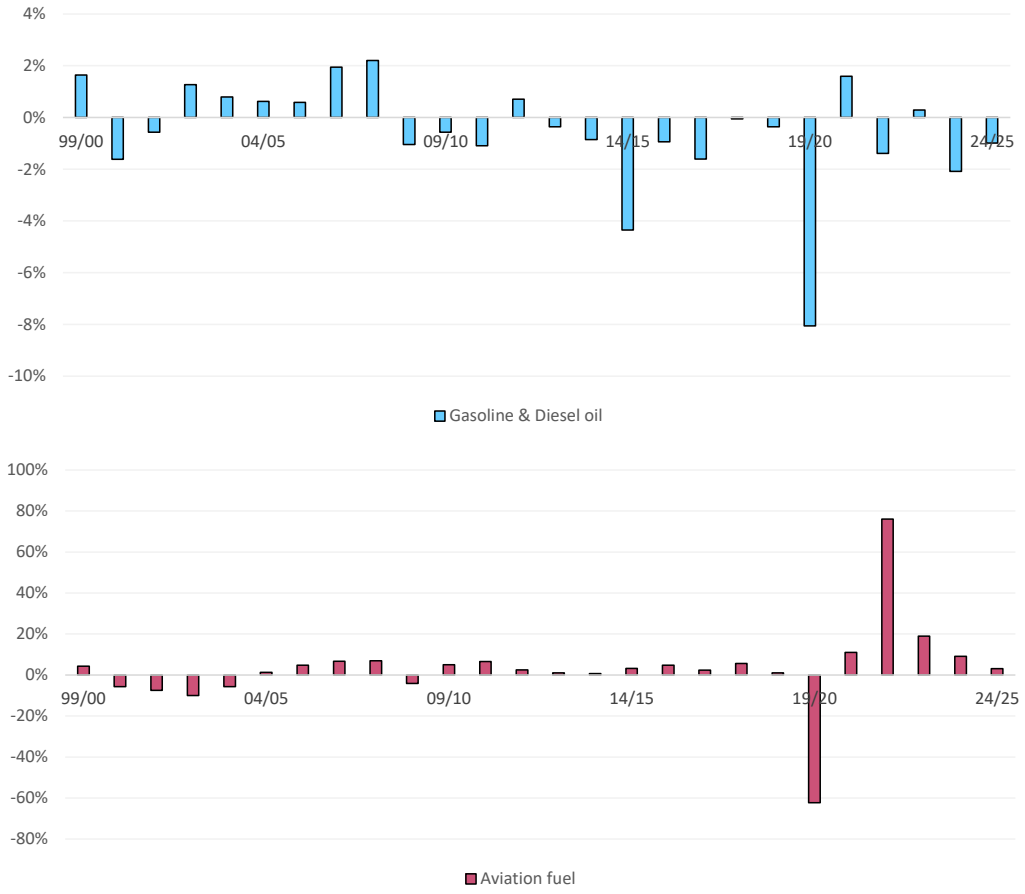
Gas

Table 5

	GWh[1] (1 GWh =3.6 TJ)		TJ		Change in %
	2024	**2025**	2024	**2025**	**2024-2025**
Imports of natural gas	27'911	**27'556**	100'480	**99'200**	-1.3
dont LGN	53	**49**	190	**180**	-5.3
Feed-in of biogas into the gas distribution system	471	**510**	1'700	**1'840**	8.2
Total	**28'382**	**28'066**	**102'180**	**101'040**	-1.1
Natural gas used for district heating and electricity production (-)	1'833	1'811	6'600	6'520	
Distribution losses and gasworks' own consumption (-)	36	35	130	130	
Final consumption	**26'513**	**26'220**	**95'450**	**94'390**	**-1.1**

[1] net calorific value (NCV: 36,3 MJ/Norm m3); in gas industry the gross calorific value (GCV: 40,3 MJ/Norm m3) is commonly used; NCV = 0,9 * GCV.

Changes in consumption of gasoline & diesel oil and aviation fuel, 2000-2025



Changes in consumption of electricuty, gas and heating oil, 2000-2025

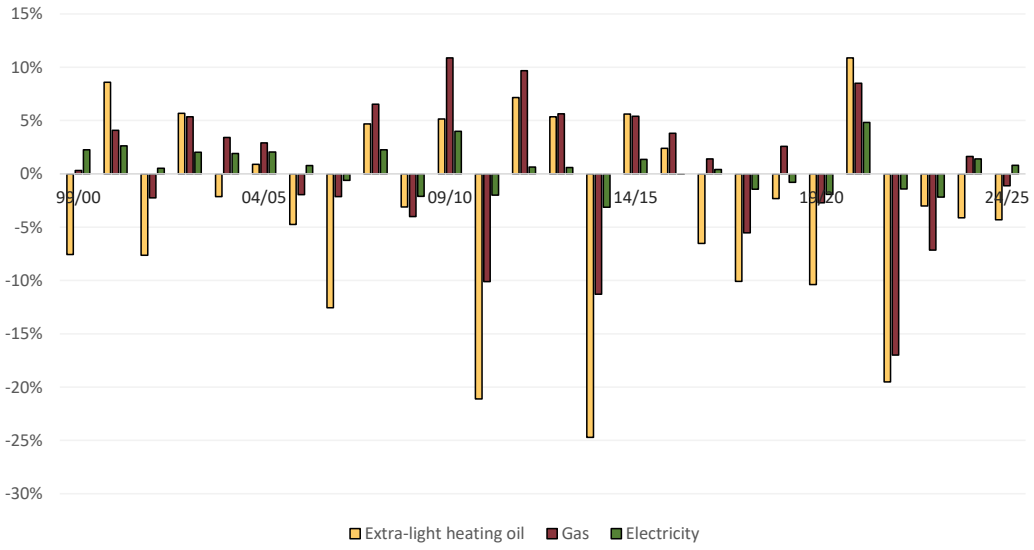
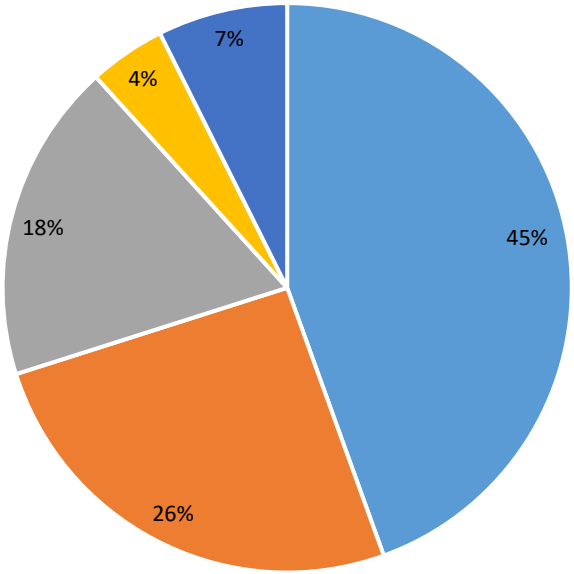
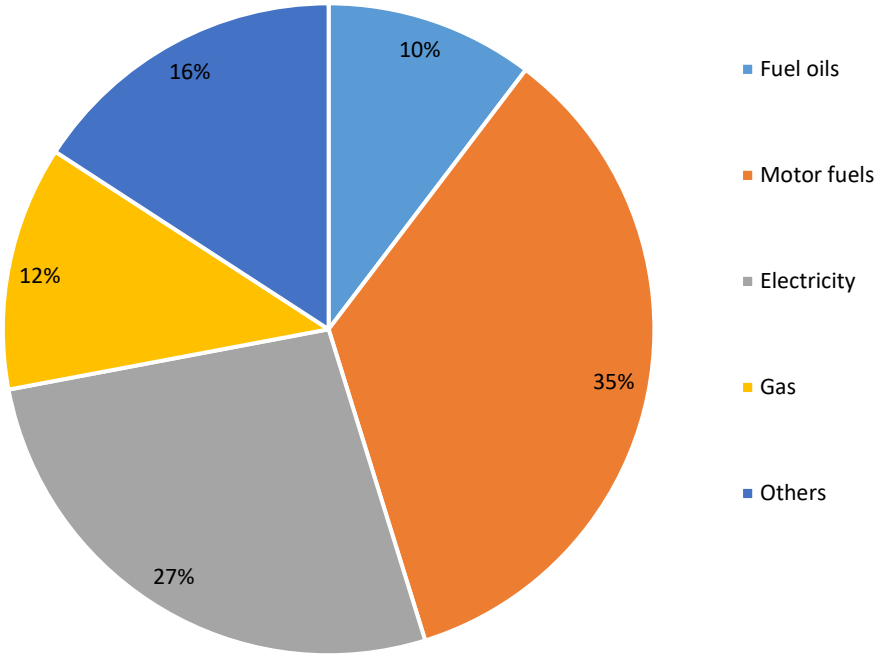


Figure 3

Final Energy Consumption 1980
(Total: 698'290 TJ)

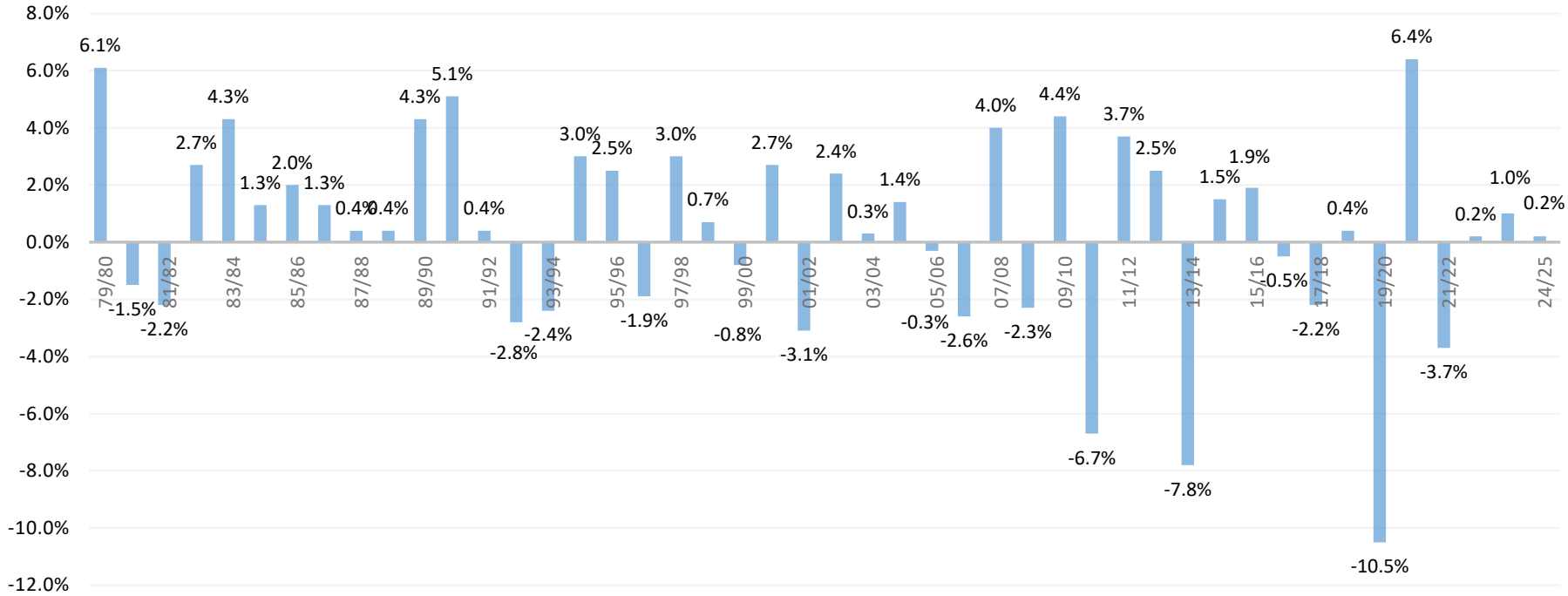


Final Energy Consumption 2025
(Total: 777'870 TJ)



Rate of Change in Final Energy Consumption per Year

Figure 4



Final Energy Consumption since 1910

Figure 5