

## Description of contents: Statistics Denmark's Energy Accounts in matrix format

The matrices are available in SAS format (\*.SAS7BDAT), Gauss format (\*.FMT), GAMS format (\*.GAM) and in an Excel spread sheet file format (\*.XLSX). The matrices are available for the years 1966 to 2012.

### File names and dimensions:

The energy accounts system consists of a number of matrices with the names and contents as described below.

	<b>Matrix</b>	<b>Description</b>	<b>Dimension rows*cols</b>
1	TilMgd	Supply of energy in physical quantities The relevant unit of measurement appears from the table below	120*46
2	TilGJ	Supply and use of energy in heating values (GJ)	120*46
3	TilBas	Supply at basic prices (current prices), 1000 DKK	118*46
4	AnvMgd	Use of energy in physical quantities The relevant unit of measurement appears from the table below	125*46
5	AnvGJ	Use of energy in heating values (GJ)	125*46
6	AnvBas	Use at basic prices, (current prices) 1000 DKK	124*46
7	AnvAv	Wholesale and retail trade margins, 1000 DKK	124*46
8	AnvEafg	Energy taxes, 1000 kr	124*46
9	AnvCafg	CO <sub>2</sub> -taxes, 1000 DKK (from 1992)	124*46
10	AnvSafg	SO <sub>2</sub> -taxes, 1000 DKK (from 1996)	124*46
11	AnvMoms	VAT, 1000 DKK	124*46
12	AnvKbin	Use at market prices, (current prices) 1000 DKK	124*46
13	ANVBEF	Net use of energy in GJ	122*46

The matrix name is followed by the year, e.g. TilMgd1966

The energy taxes and the CO<sub>2</sub> taxes are net, that is, adjusted for reimbursement. The calculation of the taxes on electricity is adjusted for the subsidy to the production of electricity.

Detailed information on the content of the rows and the columns is given below.

## Description of the columns:

### Classification of energy products in the Danish Energy accounts

	Energy products	Specific unit for TILMGD and ANVMGD matrices
1	Crude oil	Tonnes
2	Refinery feedstocks	Tonnes
3	Refinery gas	Tonnes
4	LPG	Tonnes
5	LPG for transport	Tonnes
6	LVN	Tonnes
7	Motor gasoline, colored	Tonnes
8	Motor gasoline, unleaded	Tonnes
9	Motor gasoline, leaded	Tonnes
10	JP4	Tonnes
11	Kerosene	Tonnes
12	Aviation gasoline	Tonnes
13	Jet petroleum	Tonnes
14	Jet petroleum bunkered by Danish operated planes abroad	Tonnes
15	Gasoil	Tonnes
16	Diesel oil	Tonnes
17	Diesel bunkered by Danish operated vehicles abroad	Tonnes
18	Fuel oil	Tonnes
19	Fuel oil bunkered by Danish operated ships abroad	Tonnes
20	Waste oil	Tonnes
21	Petroleum coke	Tonnes
22	Orimulsion	Tonnes
23	Natural gas 1, North Sea and imports	1000 Nm3
24	Natural gas 2, large-scale consumers and exports	1000 Nm3
25	Natural gas 3 to industries and households	1000 Nm3
26	Coal	Tonnes
27	Coke	Tonnes
28	Brown coal briquettes	Tonnes
29	Waste, non renewable	Tonnes
30	Waste, renewable	Tonnes
31	Wind power	GWh
32	Hydro power	GWh
33	Solar power	GWh
34	Solar heat	TJ
35	Geothermal	TJ
36	Straw	Tonnes
37	Firewood	1000 m3
38	Wood chips	Tonnes
39	Wood pellets	Tonnes
40	Wood waste	Tonnes
41	Biogas	1000 Nm3
42	Bio oil	Tonnes
43	Heat pumps (Col45 in datasets)	TJ
44	Electricity (Col46 in datasets)	Gwh
45	District heat (Col47 in datasets)	TJ
46	Gas works gas (Col48 in datasets)	1000 Nm3

**Description of the rows:**

<b>Row</b>	<b>Transaction code (0100 for supply, 2000 for use)</b>	<b>Industry</b>	<b>Description of content</b>
1	0100 / 2000	010000	Agriculture and horticulture
2	0100 / 2000	020000	Forestry
3	0100 / 2000	030000	Fishing
4	0100 / 2000	060000	Extraction of oil and gas
5	0100 / 2000	080090	Extraction of gravel and stone
6	0100 / 2000	090000	Mining support service
7	0100 / 2000	100010	Production of meat
8	0100 / 2000	100020	Processing of fish
9	0100 / 2000	100030	Manufacture of dairy products
10	0100 / 2000	100040	Manufacture of bakery products
11	0100 / 2000	100050	Other manufacture of food
12	0100 / 2000	110000	Manufacture of beverages
13	0100 / 2000	120000	Manufact. of tobacco products
14	0100 / 2000	130000	Manufacture of textiles
15	0100 / 2000	140000	Manufacture of wearing apparel
16	0100 / 2000	150000	Manufacture of footwear etc.
17	0100 / 2000	160000	Manufacture of wood etc.
18	0100 / 2000	170000	Manufacture of paper etc.
19	0100 / 2000	180000	Printing etc.
20	0100 / 2000	190000	Oil refinery etc.
21	0100 / 2000	200010	Manufacture of basic chemicals
22	0100 / 2000	200020	Manufact. of paints, soap etc.
23	0100 / 2000	210000	Pharmaceuticals
24	0100 / 2000	220000	Manufacture of rubber etc.
25	0100 / 2000	230010	Manufacture of glass etc.
26	0100 / 2000	230020	Manufacture of concrete etc.
27	0100 / 2000	240000	Manufacture of basic metals
28	0100 / 2000	250000	Manufact. of fabricated metal
29	0100 / 2000	260010	Manufact. of computers, etc.
30	0100 / 2000	260020	Manufact. of other electronics
31	0100 / 2000	270010	Manufacture of motors, etc.
32	0100 / 2000	270020	Manufacture of wires, cables
33	0100 / 2000	270030	Manuf.of household appl. etc.
34	0100 / 2000	280010	Manufacture of engines etc.
35	0100 / 2000	280020	Manufacture of other machinery
36	0100 / 2000	290000	Manuf. of motor vehicles etc.
37	0100 / 2000	300000	Mf. of ships, transport equip.
38	0100 / 2000	310000	Manufacture of furniture
39	0100 / 2000	320010	Manufact. of med. instruments
40	0100 / 2000	320020	Manufacture of toys, etc.
41	0100 / 2000	330000	Repair, inst. of machinery etc
42	0100 / 2000	350010	Prod., distrib. of electricity
43	0100 / 2000	350020	Manuf.and distribution of gas
44	0100 / 2000	350030	Steam and hot water supply
45	0100 / 2000	360000	Water collect.purification etc
46	0100 / 2000	370000	Sewerage
47	0100 / 2000	383900	Waste and materials
48	0100 / 2000	410009	Construction of new buildings
49	0100 / 2000	420000	Civil engeneering

50	0100 / 2000	430003	Professional repair and maint.
51	0100 / 2000	430004	Own-account repair and maint.
52	0100 / 2000	450010	Sale of motor vehicles
53	0100 / 2000	450020	Repair etc. of motor veh. etc.
54	0100 / 2000	460000	Wholesale
55	0100 / 2000	470000	Retail sale
56	0100 / 2000	490010	Passenger rail transport etc.
57	0100 / 2000	490020	Transp.by suburban trains etc.
58	0100 / 2000	490030	Road and pipeline transport
59	0100 / 2000	500000	Water transport
60	0100 / 2000	510000	Air transport
61	0100 / 2000	520000	Support activities for transp.
62	0100 / 2000	530000	Postal and courier activities
63	0100 / 2000	550000	Hotels, similar accommodation
64	0100 / 2000	560000	Restaurants
65	0100 / 2000	580010	Publishing
66	0100 / 2000	580020	Publishing,computer games etc.
67	0100 / 2000	590000	Motion picture, tv and sound
68	0100 / 2000	600000	Radio, television broadcasting
69	0100 / 2000	610000	Telecommunications
70	0100 / 2000	620000	Information technology service
71	0100 / 2000	630000	Information service activities
72	0100 / 2000	640010	Monetary intermediation
73	0100 / 2000	640020	Mortgage credit institutes etc
74	0100 / 2000	650000	Insurance and pension funding
75	0100 / 2000	660000	Other financial activities
76	0100 / 2000	680010	Buying, selling of real estate
77	0100 / 2000	680030	Renting, non-resid. Buildings
78	0100 / 2000	680023	Renting of resident. buildings
79	0100 / 2000	680024	Owner-occupied dwellings
80	0100 / 2000	690010	Legal activities
81	0100 / 2000	690020	Accounting and bookkeeping
82	0100 / 2000	700000	Business consultancy
83	0100 / 2000	710000	Architecture and engineering
84	0100 / 2000	720001	Research and developm.(market)
85	0100 / 2000	720002	Research and dev. (non-market)
86	0100 / 2000	730000	Advertising, market research
87	0100 / 2000	740000	Other technical business serv.
88	0100 / 2000	750000	Veterinary activities
89	0100 / 2000	770000	Rental and leasing activities
90	0100 / 2000	780000	Employment activities
91	0100 / 2000	790000	Travel agent activities
92	0100 / 2000	800000	Security and investigation
93	0100 / 2000	810000	Services to buildings, cleaning
94	0100 / 2000	820000	Other business services
95	0100 / 2000	840010	Public administration
96	0100 / 2000	840022	Defence, publ.order(non-market)
97	0100 / 2000	840021	Rescue service ect. (market)
98	0100 / 2000	850010	Primary education
99	0100 / 2000	850020	Secondary education
100	0100 / 2000	850030	Higher education
101	0100 / 2000	850042	Adult-,other educ.(non-market)
102	0100 / 2000	850041	Adult-,other education(market)
103	0100 / 2000	860010	Hospital activities

104	0100 / 2000	860020	Medical and dental practice
105	0100 / 2000	870000	Residential care activities
106	0100 / 2000	880000	Social work without accommod.
107	0100 / 2000	900000	Theatres, concerts, and arts
108	0100 / 2000	910001	Libraries, museums (market)
109	0100 / 2000	910002	Libraries, museums(non-market)
110	0100 / 2000	920000	Gambling and betting
111	0100 / 2000	930011	Sports activities (market)
112	0100 / 2000	930012	Sports activities (non-market)
113	0100 / 2000	930020	Amusement and recreation
114	0100 / 2000	940000	Activities of membership org.
115	0100 / 2000	950000	Repair of personal goods
116	0100 / 2000	960000	Other personal services
117	0100 / 2000	970000	Households as employers

**Specific for supply matrices in basic prices (Bas)**

118	0700	0700	Import
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**Specific for supply matrices in physical units (Mgd and Gj)**

118	0199	000010	Renewable energy
119	0199	000020	Waste
120	0700	0700	Imports

**Specific for use matrices, Gross Energy (Bef)**

118	3110	04510	Electricity
119	3110	04520	Gas
120	3110	04530	Liquid fuels
121	3110	04545	Heat etc.
122	3110	07220	Petrol and gasoil for vehicles

**Specific for use matrices in basic prices, taxes, margins, VAT and purchasers prices (Bas, Av, Eafg, Cafg, Safg, Moms, Kbin)**

118	3110	04510	Electricity
119	3110	04520	Gas
120	3110	04530	Liquid fuels
121	3110	04545	Heat etc.
122	3110	07220	Petrol and gasoil for vehicles
123	5200	5200	Changes in inventories
124	6000	6000	Exports

**Specific for use matrices in physical units (Mgd and Gj)**

118	3110	04510	Electricity
119	3110	04520	Gas
120	3110	04530	Liquid fuels
121	3110	04545	Heat etc.
122	3110	07220	Petrol and gasoil for vehicles
123	5200	5200	Changes in inventories
124	6000	6000	Exports
125	8000	8000	Transmission losses