



04

歷年國內能源消費 (按部門別_數量)

Domestic Energy Consumption (by Sector_Quantity)

單位：千公噸油當量

Unit : 10³ TOE

年別 Year	合計 Total	能源部門 自用 Energy Sector Own Use	最終消費 Final Consumption						
			小計 Subtotal	工業部門 Industrial	運輸部門 Transport	農業部門 Agricul- tural	服務業部門 Services	住宅部門 Residential	非能源消費 Non- Energy Use
2004	68,135.2	5,809.9	62,325.4	22,608.1	12,122.6	1,174.3	4,996.0	5,509.8	15,914.6
2005	69,226.4	6,248.3	62,978.2	22,777.5	12,457.4	1,059.7	5,237.1	5,789.5	15,656.9
2006	70,162.4	6,285.1	63,877.4	23,639.8	12,425.4	753.7	5,374.8	5,727.3	15,956.3
2007	74,379.8	6,362.6	68,017.2	24,293.5	12,000.9	576.0	5,376.2	5,792.9	19,977.8
2008	71,010.6	5,712.0	65,298.6	22,795.3	11,301.3	722.1	5,374.9	5,748.3	19,356.7
2009	70,174.2	5,583.8	64,590.4	21,388.1	11,425.6	600.4	5,268.6	5,791.2	20,116.5
2010	74,604.1	5,896.5	68,707.5	24,009.1	11,801.1	585.8	5,412.8	5,754.6	21,144.2
2011	72,962.7	5,738.4	67,224.2	24,510.8	11,967.4	599.2	5,290.8	5,810.8	19,045.3
2012	73,056.8	5,849.3	67,207.4	24,241.6	11,720.5	643.7	5,194.3	5,664.5	19,742.9
2013	75,172.8	5,902.1	69,270.7	24,751.1	11,709.4	653.5	5,271.8	5,615.9	21,268.9
2014	76,242.0	6,465.8	69,776.2	24,449.2	11,829.2	679.3	5,366.7	5,725.2	21,726.5
2015	76,537.2	6,470.1	70,067.1	23,941.2	12,104.6	667.9	5,432.3	5,721.0	22,200.1
2016	76,813.5	6,436.4	70,377.2	24,141.6	12,453.7	663.5	5,433.6	5,958.0	21,726.7
2017	76,581.3	6,353.0	70,228.2	24,182.4	12,322.1	649.1	5,488.2	5,931.2	21,655.3
2018	77,680.6	6,634.9	71,045.7	24,775.1	11,986.2	743.4	5,345.0	5,767.7	22,428.3
2019	75,159.0	6,723.7	68,435.4	24,243.9	12,067.5	751.4	5,322.0	5,783.6	20,267.0
2020	75,375.6	6,359.9	69,015.7	24,349.6	12,161.4	710.2	5,326.3	6,095.7	20,372.5
2021	79,308.9	6,524.4	72,784.5	26,096.1	11,532.2	709.5	5,238.0	6,247.4	22,961.3
2022	74,700.5	6,533.6	68,166.9	24,678.4	11,812.5	722.3	5,418.7	6,067.9	19,467.1
2023	70,679.8	6,116.1	64,563.7	23,492.6	11,806.7	776.1	5,558.3	6,064.2	16,865.8
2024	69,535.9	6,235.1	63,300.8	23,587.8	11,549.6	814.1	5,712.5	6,121.9	15,514.9
較上年 變動(%) Annual Change	- 1.62	1.94	- 1.96	0.41	- 2.18	4.89	2.77	0.95	- 8.01

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歷年國內能源消費 (按部門別_占比)

Domestic Energy Consumption (by Sector_%)

單位：百分比
Unit：%

年別 Year	合計 Total	能源部門 自用 Energy Sector Own Use	最終消費 Final Consumption						
			小計 Subtotal	工業部門 Industrial	運輸部門 Transport	農業部門 Agricul- tural	服務業部門 Services	住宅部門 Residential	非能源消費 Non- Energy Use
2004	100.00	8.53	91.47	33.18	17.79	1.72	7.33	8.09	23.36
2005	100.00	9.03	90.97	32.90	18.00	1.53	7.57	8.36	22.62
2006	100.00	8.96	91.04	33.69	17.71	1.07	7.66	8.16	22.74
2007	100.00	8.55	91.45	32.66	16.13	0.77	7.23	7.79	26.86
2008	100.00	8.04	91.96	32.10	15.91	1.02	7.57	8.10	27.26
2009	100.00	7.96	92.04	30.48	16.28	0.86	7.51	8.25	28.67
2010	100.00	7.90	92.10	32.18	15.82	0.79	7.26	7.71	28.34
2011	100.00	7.86	92.14	33.59	16.40	0.82	7.25	7.96	26.10
2012	100.00	8.01	91.99	33.18	16.04	0.88	7.11	7.75	27.02
2013	100.00	7.85	92.15	32.93	15.58	0.87	7.01	7.47	28.29
2014	100.00	8.48	91.52	32.07	15.52	0.89	7.04	7.51	28.50
2015	100.00	8.45	91.55	31.28	15.82	0.87	7.10	7.47	29.01
2016	100.00	8.38	91.62	31.43	16.21	0.86	7.07	7.76	28.28
2017	100.00	8.30	91.70	31.58	16.09	0.85	7.17	7.75	28.28
2018	100.00	8.54	91.46	31.89	15.43	0.96	6.88	7.42	28.87
2019	100.00	8.95	91.05	32.26	16.06	1.00	7.08	7.70	26.97
2020	100.00	8.44	91.56	32.30	16.13	0.94	7.07	8.09	27.03
2021	100.00	8.23	91.77	32.90	14.54	0.89	6.60	7.88	28.95
2022	100.00	8.75	91.25	33.04	15.81	0.97	7.25	8.12	26.06
2023	100.00	8.65	91.35	33.24	16.70	1.10	7.86	8.58	23.86
2024	100.00	8.97	91.03	33.92	16.61	1.17	8.22	8.80	22.31

較上年差異
(百分點)
2024 vs.
2023

- 0.31 -0.31 0.68 -0.09 0.07 0.35 0.22 -1.55



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歷年國內能源消費 (按能源別_數量)

Domestic Energy Consumption (by Energy Type_Quantity)

單位：千公噸油當量

Unit : 10³ TOE

年別 Year	合計 Total	煤及 煤產品 Coal and Coal Products	石油產品 Petroleum Products	天然氣 Natural Gas	生質能及 廢棄物 Biomass and Waste	電力 Electricity	太陽熱能 Solar Thermal	熱能 Heat
2004	68,135.2	6,797.7	39,474.3	2,258.0	416.0	18,050.5	83.4	1,055.3
2005	69,226.4	6,714.3	39,855.9	2,232.4	427.4	18,787.3	87.8	1,121.4
2006	70,162.4	7,035.0	39,625.8	2,222.3	442.4	19,433.1	92.2	1,311.7
2007	74,379.8	7,154.8	42,501.5	2,312.2	445.6	20,079.5	94.9	1,791.4
2008	71,010.6	6,776.7	39,978.0	2,350.8	458.3	19,753.0	98.6	1,595.2
2009	70,174.2	6,174.0	40,423.8	2,379.7	418.1	18,981.5	101.9	1,695.2
2010	74,604.1	7,343.7	41,682.2	2,723.1	461.8	20,417.0	102.9	1,873.4
2011	72,962.7	7,901.2	38,901.0	3,046.7	439.7	20,819.4	101.9	1,752.8
2012	73,056.8	7,766.9	38,893.6	3,335.5	419.4	20,735.6	102.6	1,803.1
2013	75,172.8	8,363.8	40,170.7	3,314.9	420.4	21,080.6	101.5	1,720.8
2014	76,242.0	7,955.3	41,140.6	3,302.8	440.7	21,594.6	100.9	1,707.0
2015	76,537.2	7,983.4	41,386.7	3,465.9	445.0	21,501.7	102.2	1,652.4
2016	76,813.5	8,116.9	41,066.8	3,556.8	410.4	21,966.1	100.9	1,595.5
2017	76,581.3	7,632.2	40,550.9	3,896.5	388.2	22,479.9	101.8	1,531.7
2018	77,680.6	6,630.3	40,999.6	4,234.8	394.9	22,924.8	94.2	2,402.0
2019	75,159.0	6,624.7	38,643.5	4,343.8	387.3	22,852.2	91.0	2,216.6
2020	75,375.6	6,402.0	38,293.3	4,622.2	387.4	23,326.3	94.0	2,250.5
2021	79,308.9	6,707.2	40,284.6	5,078.5	399.5	24,353.4	72.1	2,413.7
2022	74,700.5	5,887.1	36,985.0	5,270.0	425.7	23,996.4	-	2,136.3
2023	70,679.8	5,227.0	34,160.7	5,343.1	308.1	23,718.3	-	1,922.5
2024	69,535.9	5,140.4	32,488.7	5,440.2	349.9	24,410.7	-	1,706.1
較上年 變動(%) Annual Change	- 1.62	- 1.66	- 4.89	1.82	13.55	2.92	-	- 11.26

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歷年國內能源消費 (按能源別_占比)

Domestic Energy Consumption (by Energy Type_%)

單位：百分比
Unit：%

年別 Year	合計 Total	煤及 煤產品 Coal and Coal Products	石油產品 Petroleum Products	天然氣 Natural Gas	生質能及 廢棄物 Biomass and Waste	電力 Electricity	太陽熱能 Solar Thermal	熱能 Heat
2004	100.00	9.98	57.94	3.31	0.61	26.49	0.12	1.55
2005	100.00	9.70	57.57	3.22	0.62	27.14	0.13	1.62
2006	100.00	10.03	56.48	3.17	0.63	27.70	0.13	1.87
2007	100.00	9.62	57.14	3.11	0.60	27.00	0.13	2.41
2008	100.00	9.54	56.30	3.31	0.65	27.82	0.14	2.25
2009	100.00	8.80	57.60	3.39	0.60	27.05	0.15	2.42
2010	100.00	9.84	55.87	3.65	0.62	27.37	0.14	2.51
2011	100.00	10.83	53.32	4.18	0.60	28.53	0.14	2.40
2012	100.00	10.63	53.24	4.57	0.57	28.38	0.14	2.47
2013	100.00	11.13	53.44	4.41	0.56	28.04	0.14	2.29
2014	100.00	10.43	53.96	4.33	0.58	28.32	0.13	2.24
2015	100.00	10.43	54.07	4.53	0.58	28.09	0.13	2.16
2016	100.00	10.57	53.46	4.63	0.53	28.60	0.13	2.08
2017	100.00	9.97	52.95	5.09	0.51	29.35	0.13	2.00
2018	100.00	8.54	52.78	5.45	0.51	29.51	0.12	3.09
2019	100.00	8.81	51.42	5.78	0.52	30.41	0.12	2.95
2020	100.00	8.49	50.80	6.13	0.51	30.95	0.12	2.99
2021	100.00	8.46	50.79	6.40	0.50	30.71	0.09	3.04
2022	100.00	7.88	49.51	7.05	0.57	32.12	-	2.86
2023	100.00	7.40	48.33	7.56	0.44	33.56	-	2.72
2024	100.00	7.39	46.72	7.82	0.50	35.11	-	2.45

較上年差異
(百分點)
2024 vs.
2023

- -0.00 -1.61 0.26 0.07 1.55 - -0.27