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石油產品消費 (數量)

Petroleum Products Consumption (Quantity)

單位：千公秉油當量

Unit: 10³ KLOE

年別 Year	石油產品用途 Petroleum Products Use						
	合計 Total	轉變投入 Transformation Input					
		小計 Subtotal	煉油氣 Refinery Gas	柴油 Diesel Oil	燃料油 Fuel Oil	石油焦 Petroleum Coke	其他 Others
2003	46,703.3	4,716.3	4.3	127.3	4,273.9	308.1	2.8
2004	48,228.2	4,367.8	10.7	92.2	3,809.3	441.4	14.1
2005	48,576.1	4,291.8	3.8	154.3	3,611.5	517.7	4.4
2006	48,986.5	4,957.9	19.7	263.4	4,174.7	497.3	2.8
2007	51,537.3	4,313.5	26.2	130.5	3,581.7	565.6	9.5
2008	48,334.6	3,914.6	32.4	139.0	3,192.9	546.7	3.5
2009	47,410.7	2,495.4	23.6	64.2	1,857.8	545.9	4.0
2010	49,286.7	2,973.2	19.2	63.6	2,340.7	548.2	1.5
2011	45,756.6	2,533.2	7.5	54.0	2,065.1	401.1	5.5
2012	45,342.4	2,127.2	15.8	50.8	1,630.9	425.6	4.0
2013	46,442.6	1,808.5	15.1	50.6	1,488.1	253.2	1.5
2014	47,814.5	2,102.8	39.8	80.2	1,754.1	212.9	15.8
2015	49,103.2	3,118.0	69.5	133.9	2,707.8	174.9	31.9
2016	48,737.4	3,107.6	118.3	123.6	2,667.5	175.5	22.7
2017	48,312.6	3,256.0	98.4	134.2	2,918.6	88.2	16.7
2018	47,927.7	2,239.7	205.4	90.6	1,831.6	95.6	16.6
2019	44,598.6	1,546.8	174.1	77.7	1,281.4	-	13.6
2020	43,870.9	1,195.4	197.8	62.6	915.0	-	20.0
2021	46,352.2	1,440.6	194.2	78.9	1,151.8	-	15.8
2022	42,427.1	1,223.6	149.1	69.0	1,000.0	-	5.5
2023	39,112.8	1,046.4	100.4	61.6	869.4	-	14.9

較上年變動(%)
Annual Change

- 7.81

- 14.49

- 32.65

- 10.75

- 13.06

-

170.91

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石油產品消費（數量）（續）

Petroleum Products Consumption (Quantity) (Cont.)

單位：千公秉油當量

Unit: 10³ KLOE

年別 Year	石油產品用途（續） Petroleum Products Use (Cont.)							
	消費（按油品別） Consumption (by Product)							
	小計 Subtotal	液化 石油氣 LPG	石油腦 Naphtha	車用汽油 Motor Gasolin	航空燃油 Jet Fuel	柴油 Diesel Oil	燃料油 Fuel Oil	其他 Others
2003	41,986.9	2,303.2	12,769.3	8,764.1	422.4	5,492.8	7,169.1	5,065.9
2004	43,860.4	2,563.7	13,958.6	8,964.9	414.3	5,667.5	7,026.8	5,264.6
2005	44,284.3	2,899.3	13,416.4	9,168.0	428.8	5,728.6	6,831.0	5,812.2
2006	44,028.6	3,037.4	13,682.0	8,934.8	387.3	5,530.3	6,809.7	5,647.1
2007	47,223.8	3,193.7	17,261.3	8,687.5	334.6	5,211.9	6,412.0	6,122.8
2008	44,420.0	3,042.3	17,574.1	8,242.0	278.9	5,059.2	5,454.4	4,769.0
2009	44,915.4	3,148.2	18,436.2	8,407.4	271.6	4,863.5	5,078.9	4,709.6
2010	46,313.5	2,866.1	19,718.5	8,479.9	242.5	5,120.4	5,153.2	4,733.0
2011	43,223.4	2,945.1	17,074.2	8,587.7	243.3	5,204.0	4,513.9	4,655.2
2012	43,215.2	2,630.6	18,210.0	8,480.6	235.7	5,161.9	3,847.1	4,649.3
2013	44,634.1	3,371.1	19,241.3	8,498.3	248.2	5,180.9	3,434.3	4,659.9
2014	45,711.7	3,407.7	19,629.6	8,565.8	272.1	5,199.8	3,000.0	5,636.7
2015	45,985.2	2,998.3	20,636.9	8,801.4	298.7	5,282.5	2,430.4	5,536.9
2016	45,629.8	3,730.3	19,584.3	9,093.8	257.5	5,316.6	2,195.1	5,452.2
2017	45,056.6	2,999.2	20,079.1	8,916.4	289.4	5,302.4	2,075.6	5,394.5
2018	45,688.0	3,573.6	20,268.6	8,676.3	273.3	5,305.1	1,858.7	5,732.4
2019	43,051.8	3,675.0	18,186.5	8,693.2	294.0	5,416.9	1,452.0	5,334.1
2020	42,675.5	2,994.2	18,952.1	8,814.6	272.3	5,443.1	1,151.6	5,047.6
2021	44,911.7	2,047.6	22,372.8	8,128.6	240.2	5,458.3	1,196.8	5,467.4
2022	41,203.5	2,246.7	18,592.1	8,369.8	269.5	5,541.0	913.9	5,270.5
2023	38,066.4	2,516.6	15,871.7	8,417.1	296.9	5,593.8	722.5	4,647.9
較上年變動(%) Annual Change	-7.61	12.01	-14.63	0.56	10.15	0.95	-20.94	-11.81

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石油產品消費 (數量) (續)

Petroleum Products Consumption (Quantity) (Cont.)

單位：千公秉油當量

Unit: 10³ KLOE

年別 Year	石油產品用途 (續) Petroleum Products Use (Cont.)							
	消費 (按部門別) Consumption (by Sector)							
	小計 Subtotal	能源部門自用 Energy Sector Own Use	工業部門 Industrial	運輸部門 Transport	農業部門 Agricultural	服務業部門 Services	住宅部門 Residential	非能源消費 Non-Energy Use
2003	41,986.9	2,446.3	6,640.6	12,921.3	1,005.6	1,238.1	1,428.2	16,306.9
2004	43,860.4	2,873.1	6,395.8	13,420.0	1,064.8	1,267.1	1,434.3	17,405.2
2005	44,284.3	3,458.8	6,204.9	13,787.7	939.6	1,270.8	1,448.8	17,173.7
2006	44,028.6	3,363.5	6,180.3	13,749.3	588.9	1,268.3	1,396.0	17,482.4
2007	47,223.8	3,204.5	5,931.2	13,250.9	389.7	1,251.5	1,395.2	21,800.9
2008	44,420.0	2,632.7	4,990.7	12,448.0	553.9	1,221.8	1,373.0	21,199.9
2009	44,915.4	2,662.9	4,493.4	12,585.3	420.4	1,225.5	1,361.6	22,166.3
2010	46,313.5	2,583.6	4,691.5	12,998.1	400.9	1,149.2	1,317.8	23,172.5
2011	43,223.4	2,245.1	4,124.0	13,178.0	405.3	1,082.6	1,298.5	20,890.0
2012	43,215.2	2,434.0	3,486.3	12,901.0	456.5	1,028.3	1,264.1	21,644.9
2013	44,634.1	2,501.6	3,148.7	12,884.0	462.1	1,058.0	1,238.3	23,341.4
2014	45,711.7	3,281.9	2,776.3	13,012.3	481.0	1,068.0	1,212.4	23,879.7
2015	45,985.2	3,254.0	2,279.9	13,315.2	460.0	1,069.4	1,250.4	24,356.3
2016	45,629.8	3,318.3	2,058.0	13,701.3	454.2	978.5	1,262.7	23,856.8
2017	45,056.6	3,126.1	1,964.5	13,548.3	427.4	995.4	1,211.8	23,783.1
2018	45,688.0	3,295.6	2,071.6	13,172.9	538.7	975.0	1,048.3	24,585.9
2019	43,051.8	3,340.2	1,665.0	13,257.3	539.8	985.9	1,051.5	22,212.0
2020	42,675.5	2,859.5	1,437.4	13,361.6	472.3	1,057.3	1,066.8	22,420.6
2021	44,911.7	2,943.5	1,486.1	12,667.0	467.8	1,059.1	1,020.1	25,268.2
2022	41,203.5	3,124.8	1,186.5	12,966.5	486.4	1,050.3	1,032.9	21,356.0
2023	38,066.4	2,870.7	1,034.4	12,941.1	545.0	1,102.2	989.2	18,583.8
較上年變動(%) Annual Change	- 7.61	- 8.13	- 12.82	- 0.20	12.05	4.95	- 4.23	- 12.98

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石油產品消費 (占比)

Petroleum Products Consumption (%)

單位：百分比
Unit：%

年別 Year	石油產品用途 Petroleum Products Use						
	合計 Total	轉變投入 Transformation Input					
		小計 Subtotal	煉油氣 Refinery Gas	柴油 Diesel Oil	燃料油 Fuel Oil	石油焦 Petroleum Coke	其他 Others
2003	100.00	10.10	0.01	0.27	9.15	0.66	0.01
2004	100.00	9.06	0.02	0.19	7.90	0.92	0.03
2005	100.00	8.84	0.01	0.32	7.43	1.07	0.01
2006	100.00	10.12	0.04	0.54	8.52	1.02	0.01
2007	100.00	8.37	0.05	0.25	6.95	1.10	0.02
2008	100.00	8.10	0.07	0.29	6.61	1.13	0.01
2009	100.00	5.26	0.05	0.14	3.92	1.15	0.01
2010	100.00	6.03	0.04	0.13	4.75	1.11	0.00
2011	100.00	5.54	0.02	0.12	4.51	0.88	0.01
2012	100.00	4.69	0.03	0.11	3.60	0.94	0.01
2013	100.00	3.89	0.03	0.11	3.20	0.55	0.00
2014	100.00	4.40	0.08	0.17	3.67	0.45	0.03
2015	100.00	6.35	0.14	0.27	5.51	0.36	0.07
2016	100.00	6.38	0.24	0.25	5.47	0.36	0.05
2017	100.00	6.74	0.20	0.28	6.04	0.18	0.03
2018	100.00	4.67	0.43	0.19	3.82	0.20	0.03
2019	100.00	3.47	0.39	0.17	2.87	-	0.03
2020	100.00	2.72	0.45	0.14	2.09	-	0.05
2021	100.00	3.11	0.42	0.17	2.48	-	0.03
2022	100.00	2.88	0.35	0.16	2.36	-	0.01
2023	100.00	2.68	0.26	0.16	2.22	-	0.04
較上年差異 (百分點) Percentage Point	-	- 0.21	- 0.09	- 0.01	- 0.13	-	0.03

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石油產品消費 (占比) (續)

Petroleum Products Consumption (%) (Cont.)

單位：百分比

Unit: %

年別 Year	石油產品用途 (續) Petroleum Products Use (Cont.)							
	消費 (按油品別) Consumption (by Product)							
	小計 Subtotal	液化 石油氣 LPG	石油腦 Naphtha	車用汽油 Motor Gasolin	航空燃油 Jet Fuel	柴油 Diesel Oil	燃料油 Fuel Oil	其他 Others
2003	89.90	4.93	27.34	18.77	0.90	11.76	15.35	10.85
2004	90.94	5.32	28.94	18.59	0.86	11.75	14.57	10.92
2005	91.16	5.97	27.62	18.87	0.88	11.79	14.06	11.97
2006	89.88	6.20	27.93	18.24	0.79	11.29	13.90	11.53
2007	91.63	6.20	33.49	16.86	0.65	10.11	12.44	11.88
2008	91.90	6.29	36.36	17.05	0.58	10.47	11.28	9.87
2009	94.74	6.64	38.89	17.73	0.57	10.26	10.71	9.93
2010	93.97	5.82	40.01	17.21	0.49	10.39	10.46	9.60
2011	94.46	6.44	37.32	18.77	0.53	11.37	9.86	10.17
2012	95.31	5.80	40.16	18.70	0.52	11.38	8.48	10.25
2013	96.11	7.26	41.43	18.30	0.53	11.16	7.39	10.03
2014	95.60	7.13	41.05	17.91	0.57	10.87	6.27	11.79
2015	93.65	6.11	42.03	17.92	0.61	10.76	4.95	11.28
2016	93.62	7.65	40.18	18.66	0.53	10.91	4.50	11.19
2017	93.26	6.21	41.56	18.46	0.60	10.98	4.30	11.17
2018	95.33	7.46	42.29	18.10	0.57	11.07	3.88	11.96
2019	96.53	8.24	40.78	19.49	0.66	12.15	3.26	11.96
2020	97.28	6.83	43.20	20.09	0.62	12.41	2.63	11.51
2021	96.89	4.42	48.27	17.54	0.52	11.78	2.58	11.80
2022	97.12	5.30	43.82	19.73	0.64	13.06	2.15	12.42
2023	97.32	6.43	40.58	21.52	0.76	14.30	1.85	11.88
較上年差異 (百分點) Percentage Point	0.21	1.14	- 3.24	1.79	0.12	1.24	- 0.31	- 0.54



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石油產品消費（占比）（續）

Petroleum Products Consumption (%) (Cont.)

單位：百分比

Unit：%

年別 Year	石油產品用途（續） Petroleum Products Use (Cont.)							
	消費（按部門別） Consumption (by Sector)							
	小計 Subtotal	能源部門 自用 Energy Sector Own Use	工業部門 Industrial	運輸部門 Transport	農業部門 Agricultural	服務業 部門 Services	住宅部門 Residential	非能源消費 Non-Energy Use
2003	89.90	5.24	14.22	27.67	2.15	2.65	3.06	34.92
2004	90.94	5.96	13.26	27.83	2.21	2.63	2.97	36.09
2005	91.16	7.12	12.77	28.38	1.93	2.62	2.98	35.35
2006	89.88	6.87	12.62	28.07	1.20	2.59	2.85	35.69
2007	91.63	6.22	11.51	25.71	0.76	2.43	2.71	42.30
2008	91.90	5.45	10.33	25.75	1.15	2.53	2.84	43.86
2009	94.74	5.62	9.48	26.55	0.89	2.58	2.87	46.75
2010	93.97	5.24	9.52	26.37	0.81	2.33	2.67	47.02
2011	94.46	4.91	9.01	28.80	0.89	2.37	2.84	45.65
2012	95.31	5.37	7.69	28.45	1.01	2.27	2.79	47.74
2013	96.11	5.39	6.78	27.74	1.00	2.28	2.67	50.26
2014	95.60	6.86	5.81	27.21	1.01	2.23	2.54	49.94
2015	93.65	6.63	4.64	27.12	0.94	2.18	2.55	49.60
2016	93.62	6.81	4.22	28.11	0.93	2.01	2.59	48.95
2017	93.26	6.47	4.07	28.04	0.88	2.06	2.51	49.23
2018	95.33	6.88	4.32	27.48	1.12	2.03	2.19	51.30
2019	96.53	7.49	3.73	29.73	1.21	2.21	2.36	49.80
2020	97.28	6.52	3.28	30.46	1.08	2.41	2.43	51.11
2021	96.89	6.35	3.21	27.33	1.01	2.28	2.20	54.51
2022	97.12	7.37	2.80	30.56	1.15	2.48	2.43	50.34
2023	97.32	7.34	2.64	33.09	1.39	2.82	2.53	47.51
較上年差異 （百分點） Percentage Point	0.21	- 0.03	- 0.15	2.52	0.25	0.34	0.09	- 2.82