

## 11 石油產品消費 (數量)

Petroleum Products Consumption (Quantity)

單位：千公噸油當量  
Unit：10<sup>3</sup> TOE

年別 Year	石油產品用途 Petroleum Products Usage						
	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
2004	43,405.3	3,931.0	9.6	83.0	3,428.4	397.3	12.7
2005	43,718.5	3,862.6	3.4	138.9	3,250.4	465.9	4.0
2006	44,087.8	4,462.1	17.7	237.1	3,757.3	447.5	2.5
2007	46,383.6	3,882.2	23.6	117.4	3,223.5	509.0	8.6
2008	43,501.1	3,523.1	29.2	125.1	2,873.6	492.0	3.2
2009	42,669.7	2,245.8	21.2	57.8	1,672.0	491.3	3.6
2010	44,358.1	2,675.9	17.3	57.3	2,106.6	493.4	1.3
2011	41,180.9	2,279.9	6.8	48.6	1,858.6	361.0	5.0
2012	40,808.1	1,914.5	14.2	45.8	1,467.8	383.0	3.6
2013	41,798.3	1,627.7	13.6	45.6	1,339.3	227.9	1.3
2014	43,033.1	1,892.5	35.8	72.2	1,578.7	191.6	14.2
2015	44,192.9	2,806.2	62.5	120.5	2,437.0	157.4	28.7
2016	43,863.6	2,796.8	106.5	111.3	2,400.7	157.9	20.4
2017	43,481.3	2,930.4	88.6	120.7	2,626.8	79.3	15.0
2018	43,015.3	2,015.7	184.8	81.5	1,648.4	86.0	14.9
2019	40,035.7	1,392.2	156.7	70.0	1,153.2	-	12.2
2020	39,369.1	1,075.8	178.0	56.3	823.5	-	18.0
2021	41,581.2	1,296.5	174.8	71.0	1,036.6	-	14.2
2022	38,086.2	1,101.3	134.2	62.1	900.0	-	5.0
2023	35,102.4	941.7	90.4	55.4	782.5	-	13.4
2024	33,483.7	995.0	65.5	59.6	861.5	-	8.4
較上年變動(%) Annual Change	- 4.61	5.66	- 27.54	7.58	10.10	-	- 37.46



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## 石油產品消費 (數量) (續)

Petroleum Products Consumption (Quantity) (Cont.)

單位：千公噸油當量

Unit : 10<sup>3</sup> TOE

年別 Year	石油產品用途 (續) Petroleum Products Usage (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 Gasoline	航空燃油 Jet Fuel	柴油 Diesel Oil	燃料油 Fuel Oil	其他 Others
2004	39,474.3	2,307.3	12,562.8	8,068.4	372.8	5,100.8	6,324.1	4,738.1
2005	39,855.9	2,609.4	12,074.8	8,251.2	385.9	5,155.8	6,147.9	5,231.0
2006	39,625.8	2,733.7	12,313.8	8,041.3	348.5	4,977.3	6,128.8	5,082.4
2007	42,501.5	2,874.3	15,535.2	7,818.7	301.2	4,690.7	5,770.8	5,510.5
2008	39,978.0	2,738.1	15,816.7	7,417.8	251.0	4,553.3	4,909.0	4,292.1
2009	40,423.8	2,833.4	16,592.5	7,566.7	244.4	4,377.1	4,571.0	4,238.7
2010	41,682.2	2,579.5	17,746.6	7,631.9	218.2	4,608.3	4,637.9	4,259.7
2011	38,901.0	2,650.6	15,366.8	7,728.9	219.0	4,683.6	4,062.5	4,189.6
2012	38,893.6	2,367.6	16,389.0	7,632.5	212.1	4,645.7	3,462.4	4,184.4
2013	40,170.7	3,034.0	17,317.2	7,648.5	223.3	4,662.8	3,090.8	4,193.9
2014	41,140.6	3,067.0	17,666.6	7,709.2	244.9	4,679.8	2,700.0	5,073.1
2015	41,386.7	2,698.5	18,573.2	7,921.3	268.9	4,754.3	2,187.3	4,983.2
2016	41,066.8	3,357.3	17,625.9	8,184.4	231.7	4,785.0	1,975.6	4,906.9
2017	40,550.9	2,699.2	18,071.2	8,024.7	260.4	4,772.2	1,868.0	4,855.1
2018	40,999.6	3,096.6	18,241.8	7,808.6	246.0	4,774.6	1,672.8	5,159.2
2019	38,643.5	3,204.4	16,367.9	7,823.9	264.6	4,875.2	1,306.8	4,800.7
2020	38,293.3	2,580.1	17,056.9	7,933.2	245.0	4,898.7	1,036.5	4,542.8
2021	40,284.6	1,707.0	20,135.5	7,315.8	216.2	4,912.5	1,077.1	4,920.6
2022	36,985.0	1,923.9	16,732.9	7,532.8	242.6	4,986.9	822.5	4,743.5
2023	34,160.7	2,165.9	14,284.5	7,575.3	267.2	5,034.4	650.3	4,183.1
2024	32,488.7	2,055.8	12,974.2	7,144.5	253.7	5,285.9	553.2	4,221.4
較上年變動(%) Annual Change	- 4.89	- 5.08	- 9.17	- 5.69	- 5.05	5.00	- 14.93	0.92

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## 石油產品消費 (數量) (續)

Petroleum Products Consumption (Quantity) (Cont.)

單位：千公噸油當量

 Unit: 10<sup>3</sup> TOE

年別 Year	石油產品用途 (續) Petroleum Products Usage (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
2004	39,474.3	2,585.8	5,756.2	12,078.0	958.3	1,140.4	1,290.9	15,664.7
2005	39,855.9	3,112.9	5,584.4	12,408.9	845.6	1,143.7	1,304.0	15,456.3
2006	39,625.8	3,027.1	5,562.3	12,374.4	530.0	1,141.5	1,256.4	15,734.2
2007	42,501.5	2,884.0	5,338.0	11,925.8	350.7	1,126.4	1,255.6	19,620.8
2008	39,978.0	2,369.5	4,491.6	11,203.2	498.5	1,099.6	1,235.7	19,079.9
2009	40,423.8	2,396.6	4,044.1	11,326.8	378.3	1,102.9	1,225.5	19,949.7
2010	41,682.2	2,325.2	4,222.3	11,698.2	360.8	1,034.3	1,186.0	20,855.2
2011	38,901.0	2,020.6	3,711.6	11,860.2	364.8	974.3	1,168.7	18,801.0
2012	38,893.6	2,190.6	3,137.7	11,610.9	410.8	925.5	1,137.7	19,480.4
2013	40,170.7	2,251.4	2,833.8	11,595.6	415.9	952.2	1,114.4	21,007.2
2014	41,140.6	2,953.7	2,498.7	11,711.1	432.9	961.2	1,091.2	21,491.8
2015	41,386.7	2,928.6	2,051.9	11,983.7	414.0	962.4	1,125.3	21,920.7
2016	41,066.8	2,986.5	1,852.2	12,331.2	408.7	880.6	1,136.4	21,471.1
2017	40,550.9	2,813.5	1,768.1	12,193.5	384.6	895.8	1,090.6	21,404.8
2018	40,999.6	2,966.0	1,744.8	11,855.6	484.9	877.5	943.5	22,127.3
2019	38,643.5	3,006.2	1,395.4	11,931.6	485.8	887.3	946.4	19,990.8
2020	38,293.3	2,573.5	1,179.0	12,025.4	425.0	951.6	960.2	20,178.5
2021	40,284.6	2,649.2	1,201.6	11,400.3	421.0	953.2	918.1	22,741.3
2022	36,985.0	2,812.3	969.7	11,669.9	437.7	945.3	929.6	19,220.4
2023	34,160.7	2,583.6	831.9	11,647.0	490.5	992.0	890.3	16,725.4
2024	32,488.7	2,670.5	764.0	11,385.5	518.0	996.8	787.1	15,366.7
較上年 變動(%) Annual Change	- 4.89	3.36	- 8.16	- 2.25	5.61	0.48	- 11.60	- 8.12



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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 Usage						
	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
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	4.69	0.43	0.19	3.83	0.20	0.03
2019	100.00	3.48	0.39	0.17	2.88	-	0.03
2020	100.00	2.73	0.45	0.14	2.09	-	0.05
2021	100.00	3.12	0.42	0.17	2.49	-	0.03
2022	100.00	2.89	0.35	0.16	2.36	-	0.01
2023	100.00	2.68	0.26	0.16	2.23	-	0.04
2024	100.00	2.97	0.20	0.18	2.57	-	0.03
較上年差異 (百分點) 2024 vs. 2023	-	0.29	-0.06	0.02	0.34	-	-0.01

11 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 Usage (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 Gasoline	航空燃油 Jet Fuel	柴油 Diesel Oil	燃料油 Fuel Oil	其他 Others
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	95.31	7.20	42.41	18.15	0.57	11.10	3.89	11.99
2019	96.52	8.00	40.88	19.54	0.66	12.18	3.26	11.99
2020	97.27	6.55	43.33	20.15	0.62	12.44	2.63	11.54
2021	96.88	4.11	48.42	17.59	0.52	11.81	2.59	11.83
2022	97.11	5.05	43.93	19.78	0.64	13.09	2.16	12.45
2023	97.32	6.17	40.69	21.58	0.76	14.34	1.85	11.92
2024	97.03	6.14	38.75	21.34	0.76	15.79	1.65	12.61
較上年差異 (百分點) 2024 vs. 2023	-0.29	-0.03	-1.95	-0.24	-0.00	1.44	-0.20	0.69



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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 Usage (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 Agricul- tural	服務業 部門 Services	住宅部門 Resi- dential	非能源消費 Non- Energy Use
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	95.31	6.90	4.06	27.56	1.13	2.04	2.19	51.44
2019	96.52	7.51	3.49	29.80	1.21	2.22	2.36	49.93
2020	97.27	6.54	2.99	30.55	1.08	2.42	2.44	51.25
2021	96.88	6.37	2.89	27.42	1.01	2.29	2.21	54.69
2022	97.11	7.38	2.55	30.64	1.15	2.48	2.44	50.47
2023	97.32	7.36	2.37	33.18	1.40	2.83	2.54	47.65
2024	97.03	7.98	2.28	34.00	1.55	2.98	2.35	45.89
較上年差異 (百分點) 2024 vs. 2023	-0.29	0.62	-0.09	0.82	0.15	0.15	-0.19	-1.75