

11.石油產品供需平衡表

單位：千公秉油當量

項 目	民 國	民 國	民 國	民 國	民 國	民 國	民 國	民 國
	93年 2004	94年 2005	95年 2006	96年 2007	97年 2008	98年 2009	99年 2010	100年 2011
總供給	68,447.7	69,682.4	71,850.4	75,749.9	71,438.5	72,555.7	72,957.9	65,959.6
進口	10,958.0	10,101.5	13,223.6	17,926.3	17,669.2	16,789.3	20,688.2	17,814.2
產品間轉換(轉出)	6,480.5	7,399.7	6,505.9	7,784.5	7,488.7	6,388.0	7,033.8	6,673.1
轉變產出	63,970.2	66,980.6	65,132.7	65,608.1	61,258.0	62,154.4	59,303.5	54,818.4
總需要	68,419.4	71,133.7	70,795.3	76,184.6	72,432.1	73,459.7	73,084.2	66,453.6
國內消費	48,671.9	48,959.9	49,305.3	51,959.6	49,316.9	48,817.3	50,924.4	46,986.0
轉變投入	4,701.1	4,513.5	5,156.0	4,573.2	4,159.2	2,778.9	3,302.4	2,969.6
石油煉製	330.9	217.0	194.4	254.7	238.8	280.1	327.0	435.2
發電	2,954.3	2,802.3	3,653.9	3,114.4	2,937.5	1,616.5	2,179.2	1,942.4
汽電共生	1,415.8	1,494.2	1,307.7	1,204.0	983.0	882.4	796.2	592.0
能源部門自用	2,873.1	3,458.8	3,363.5	3,204.5	2,632.7	2,662.9	2,583.6	2,245.1
最終消費	41,097.7	40,987.6	40,785.8	44,181.9	42,524.9	43,375.5	45,038.4	41,771.3
能源消費	23,579.6	23,647.1	23,179.6	22,213.2	20,581.5	20,082.6	20,555.2	20,087.1
工業部門	6,393.4	6,200.2	6,177.1	5,925.9	4,984.8	4,489.9	4,689.3	4,122.8
礦業及土石採取業 (不含煤、油及氣)	44.4	44.8	41.3	44.0	46.2	58.7	60.5	62.0
食品飲料及菸草業	384.9	378.3	363.7	359.0	329.4	333.0	346.1	335.2
紡織業 ¹	1,212.4	1,099.2	957.7	907.4	755.0	608.9	596.5	458.3
木竹及家具業	6.3	6.4	6.6	6.7	6.9	7.8	9.0	9.1
紙漿、紙及紙製品業	367.4	349.1	331.5	324.3	290.2	234.8	233.3	157.9
化學材料製造業	2,019.1	2,022.6	2,220.1	2,137.1	1,669.8	1,564.4	1,627.0	1,433.1
化學製品製造業	281.6	263.6	231.3	247.1	229.5	206.2	213.9	183.3
橡膠製品製造業	37.0	40.0	50.9	73.6	83.4	71.1	83.5	82.3
塑膠製品製造業	77.1	78.1	96.8	92.7	89.9	95.9	99.3	93.3
非金屬礦物製品製造業	514.7	479.3	461.6	436.7	394.2	321.1	347.4	325.8
金屬基本工業	818.5	772.7	781.2	707.0	573.9	490.3	544.1	497.2
其他製造業 ²	629.8	666.2	634.4	590.4	516.3	497.6	528.6	485.2
運輸部門	13,420.0	13,787.7	13,749.3	13,250.9	12,448.0	12,585.3	12,997.9	13,178.0
國內航空	239.7	219.9	191.7	144.9	96.2	84.8	85.7	95.6
公路	12,769.8	13,139.0	13,152.5	12,738.6	12,048.3	12,198.4	12,581.2	12,771.4
鐵路	34.2	34.3	33.8	32.6	32.4	26.7	29.7	30.1
管線運輸	-	-	-	-	-	-	-	-
水運	376.4	394.5	371.3	334.7	271.2	275.4	301.2	280.9
其他	-	-	-	-	-	-	-	-
農業部門	1,064.8	939.6	588.9	389.7	553.9	420.4	400.9	405.3
服務業部門	1,267.1	1,270.8	1,268.3	1,251.5	1,221.8	1,225.5	1,149.4	1,082.6
住宅部門	1,434.3	1,448.8	1,396.0	1,395.2	1,373.0	1,361.6	1,317.8	1,298.5
非能源消費	17,518.0	17,340.5	17,606.2	21,968.7	21,943.4	23,292.9	24,483.2	21,684.2
出口	14,782.7	17,181.9	16,442.7	19,487.6	18,984.7	20,862.6	17,982.6	15,464.7
國際海運	2,771.5	2,720.2	2,682.5	2,401.0	2,068.1	1,830.9	1,978.1	1,809.5
國際航空	2,193.4	2,271.7	2,364.9	2,336.4	2,062.3	1,949.0	2,199.0	2,193.5
存貨變動	967.2	193.3	1,062.2	-266.2	-980.7	-226.2	-162.2	-523.3
損耗	-	-	-	-	-	-	-	-
統計差異	-938.9	-1,644.6	-7.1	-168.5	-12.8	-677.8	35.9	29.2

註：1.紡織業包含紡織成衣、服飾業、皮革及毛皮業。

2.其他製造業包含印刷業、金屬製品製造業、機械設備製造業、電腦通信及視聽電子產品製造業、運輸工具製造業、精密光學醫療器材及鐘錶製造業、其他工業製品製造業、用水供應及污染整治業、營造業、其他

11. Petroleum Products Balance Sheet

Unit: 10³ KLOE

民國 101年 2012	民國 102年 2013	民國 103年 2014	民國 104年 2015	民國 105年 2016	民國 106年 2017	民國 107年 2018	民國 108年 2019	Item
69,289.2	70,124.5	72,390.9	72,781.2	73,737.6	72,635.1	74,616.8	71,927.4	Total Supply
16,300.0	19,696.2	21,688.6	21,488.0	21,808.9	21,477.7	20,451.0	17,976.2	Imports
6,859.5	6,802.8	6,540.6	5,733.0	4,196.3	4,219.2	3,744.5	3,380.0	Transfers(Input)
59,848.6	57,231.1	57,242.8	57,026.2	56,125.0	55,376.6	57,910.4	57,331.2	Transformation output
69,230.9	71,403.3	72,863.0	73,528.4	74,328.2	73,421.3	74,688.1	72,946.3	Total Demand
46,740.0	48,098.0	49,407.4	50,607.6	50,538.8	49,719.3	49,643.4	46,375.9	Domestic Consumption
2,549.7	2,230.8	2,455.5	3,416.9	3,460.4	3,543.9	2,663.5	1,866.6	Transformation Input
421.4	421.0	352.5	298.8	352.7	287.5	353.1	200.9	Oil Refining
1,530.4	1,424.3	1,752.4	2,769.6	2,712.3	2,973.8	1,802.4	1,258.2	Power Generation
597.9	385.5	350.6	348.5	395.4	282.6	508.0	407.5	Cogeneration
2,434.0	2,501.6	3,281.9	3,254.0	3,318.3	3,126.1	3,296.5	3,339.8	Energy Sector Own Use
41,756.2	43,365.7	43,670.0	43,936.7	43,760.1	43,049.3	43,683.4	41,169.6	Final Consumption
19,135.1	18,789.8	18,549.8	18,374.7	18,454.5	18,147.0	17,718.3	17,408.2	Energy Use
3,485.2	3,147.4	2,776.1	2,279.8	2,057.9	1,964.1	1,964.0	1,561.0	Industrial Sector
46.6	39.8	37.5	37.6	33.3	35.1	8.5	7.3	Mining and Quarrying (excluding coal,oil and gas)
281.1	249.5	237.6	225.1	207.5	186.3	194.1	146.7	Food, Beverage and Tobacco
418.1	389.4	318.0	229.4	195.9	180.4	166.7	135.6	Textile ¹
7.8	8.4	6.7	5.8	5.2	5.3	1.2	1.0	Wood, Bamboo and Furniture
125.3	106.5	106.4	90.4	83.1	76.4	63.8	51.2	Pulp, Paper and Paper Products
1,175.1	1,072.7	899.9	613.8	559.1	547.9	731.1	583.9	Chemical Materials
134.6	104.7	110.0	95.8	84.6	69.4	59.2	48.2	Chemical Products
67.0	53.1	46.9	40.0	37.9	36.5	21.5	13.2	Rubber Products
88.7	81.4	71.2	58.4	44.4	39.6	55.5	45.4	Plastic Products
281.4	277.9	245.7	232.6	218.2	216.0	272.2	250.8	Non-metallic Mineral Products
412.5	373.3	309.0	274.8	226.2	217.4	196.1	160.7	Basic Metal Industry
447.0	390.7	387.2	376.0	362.5	353.9	194.1	117.0	Other Industries ²
12,901.0	12,884.0	13,012.3	13,315.2	13,701.3	13,548.3	13,174.4	13,259.0	Transportation Sector
96.1	88.0	98.9	95.9	106.5	108.6	108.5	104.1	Domestic Air
12,603.6	12,600.0	12,724.1	13,051.8	13,394.4	13,228.4	12,989.7	13,094.7	Highway
30.0	30.1	27.7	24.8	20.3	18.8	19.9	0.1	Railway
-	-	-	-	-	-	-	-	Pipeline
171.3	166.0	161.6	142.7	180.1	192.5	56.3	60.1	Shipping
-	-	-	-	-	-	-	-	Other
456.5	462.1	481.0	460.0	454.2	427.4	537.7	538.5	Agricultural Sector
1,028.3	1,058.0	1,068.0	1,069.4	978.5	995.4	853.2	859.3	Service Sector
1,264.1	1,238.3	1,212.4	1,250.4	1,262.7	1,211.8	1,189.0	1,190.3	Residential Sector
22,621.1	24,575.9	25,120.2	25,562.0	25,305.6	24,902.2	25,965.1	23,761.4	Non-Energy Use
18,872.0	19,500.6	19,485.1	18,860.6	19,296.9	19,191.9	20,503.8	21,783.1	Exports
1,313.3	1,360.0	1,303.8	1,219.9	1,439.9	1,345.6	1,306.9	1,444.4	International Marine Bunker
2,305.6	2,444.6	2,666.6	2,840.3	3,052.7	3,164.6	3,233.9	3,342.8	International Civil Aviation
410.7	-1,051.3	24.9	-464.1	-234.5	-665.2	-2.9	-561.9	Change in Stocks
-	-	-	-	-	-	-	-	Loss
-352.4	-227.4	-497.1	-283.2	-356.1	-121.0	-68.4	-456.9	Statistical Difference

Note: 1. Textile includes textile, wearing apparel, accessories, leather and fur.

2. Other Industries includes Printing, Fabricated Metal Products, Machinery and Equipments, Electrical and Electronic Machinery, Transport Equipments, Precision Instruments, Miscellaneous Industries, Water Supply and Remediation Activities, Construction, Non-Specified.