



D.15 Oil Tables in Thousand Tonnes

Table D.15.1: Crude Oil, Condensate and Naphtha (Thousand Tonnes)

Calendar Year or Month	New Zealand Production	Imports	Refinery Intake	Exports	Stock Change	Discrepancies	
1974	168.4	2562.0	2697.9	0.0	32.4	0.0	
1975	174.0	1962.1	2062.1	0.0	74.0	0.0	
1976	461.3	1996.2	2615.3	0.0	-157.0	-0.7	
1977	661.7	1970.9	2546.1	0.0	86.6	0.0	
1978	558.8	1583.5	2259.2	0.0	-100.7	-16.2	
1979	356.9	2037.5	2390.0	0.0	13.3	-8.8	
1980	316.7	1988.9	2287.0	0.0	20.3	-1.7	
1981	420.8	1859.2	2308.1	0.0	-26.2	-1.8	
1982	650.8	1488.8	1994.7	0.0	148.3	-3.4	
1983	635.1	1504.4	2234.2	0.0	-94.1	-0.7	
1984	815.3	1556.6	2331.3	0.0	59.4	-18.9	
1985	1195.7	875.3	1399.2	623.8	52.9	-5.0	
1986	1319.0	1062.6	2238.2	182.9	-30.8	-8.6	
1987	1259.2	2288.5	3321.3	100.3	107.0	19.0	
1988	1521.4	2469.3	3702.3	316.0	-6.0	-21.7	
1989	1710.3	3021.1	4107.4	599.7	31.2	-6.9	
1990	1764.7	3152.2	4119.8	880.4	-82.3	-0.9	
1991	1849.4	3156.0	3983.5	985.2	42.3	-5.7	
1992	1741.5	3110.8	3987.6	870.0	11.0	-16.3	
1993	1842.2	3486.1	4210.8	1009.8	6.4	101.3	
1994	1772.0	3879.2	4440.5	1092.1	82.1	36.5	
1995	1474.6	3737.4	4317.6	925.3	-48.2	17.3	
1996	1950.1	3665.6	4178.8	1177.8	126.0	133.0	
1997	2586.8	3720.2	4661.9	1600.9	-27.6	71.8	
1998	2054.3	4462.6	4785.3	1482.2	166.6	82.8	
1999	1811.7	4385.4	4677.9	1355.4	71.5	92.4	
2000	1608.0	4482.1	4859.8	1175.0	20.2	35.0	
2001	1508.8	4219.5	4597.9	1200.0	-150.4	80.8	
2000	Jul	127.8	509.9	431.8	102.6	112.1	-8.9
	Aug	127.6	379.3	418.3	70.4	1.3	16.8
	Sep	151.7	326.9	413.8	83.0	-22.5	4.2
	Oct	136.1	277.5	341.4	100.2	-23.0	-4.9
	Nov	149.6	505.1	361.2	78.2	202.7	12.7
	Dec	146.3	340.2	449.0	161.3	-116.1	-7.7
2001	Jan	123.5	308.4	437.9	114.1	-132.5	12.3
	Feb	121.5	372.4	367.3	73.4	45.7	7.6
	Mar	120.8	392.8	404.7	102.0	11.4	-4.4
	Apr	127.7	316.9	396.9	62.2	-32.9	18.4
	May	139.8	207.7	287.7	104.4	-50.2	5.6
	Jun	135.8	456.2	338.4	143.4	114.9	-4.7
	Jul	137.7	404.1	416.4	100.7	0.6	24.1
	Aug	136.6	307.4	408.8	94.7	-63.9	4.3
	Sep	124.2	493.9	404.0	131.1	78.0	5.0
	Oct	149.2	345.4	404.2	97.1	-9.6	2.9
	Nov	95.8	178.1	356.3	34.1	-109.2	-7.3
	Dec	96.1	436.3	375.2	142.8	-2.7	17.1
2002	Jan	103.4	355.0	396.4	114.2	-58.1	5.9
	Feb	77.4	394.0	342.0	60.4	63.5	5.5
	Mar	103.9	359.4	399.0	97.8	-36.3	2.9
	Apr	134.8	447.3	423.1	31.7	126.7	0.6
	May	133.3	307.8	423.9	99.4	-83.7	1.5
	Jun	131.2	410.9	410.9	70.5	45.1	15.6
	Jul	123.9	303.7	389.1	152.4	-118.5	4.7
	Aug	124.9	520.5	422.3	105.0	112.6	5.5
	Sep	116.5	337.7	403.1	65.8	-16.9	2.0
Year	Sep 2001	1599.8	4382.5	4613.7	1265.6	34.7	68.2
Ended	Sep 2002	1390.3	4396.2	4745.6	1071.4	-87.2	56.7

Table D.15.2: Refinery Blendstocks and Other Feedstocks (Thousand Tonnes)

Refinery Blendstocks and Other Feedstocks*				Total Refinery Intake and Fuel & Losses				
Calendar Year or Month	Imports	Stock Change	Refinery Intake	Crude & Condensate Refinery Intake	Total Refinery Intake	Oil Products Production	Calculated Fuel & Losses	
1974	840.1	-30.8	870.8	2697.9	3568.8	3395.4	-173.4	
1975	962.8	1.4	961.5	2062.1	3023.5	2838.4	-185.1	
1976	968.0	63.2	904.9	2615.3	3520.2	3342.0	-178.2	
1977	723.0	-10.4	733.3	2546.1	3279.4	3107.3	-172.0	
1978	738.3	1.3	736.9	2259.2	2996.1	2824.6	-171.4	
1979	682.3	-19.1	701.4	2390.0	3091.4	2911.1	-180.4	
1980	645.5	16.9	628.6	2287.0	2915.5	2752.7	-162.8	
1981	446.6	-6.7	453.3	2308.1	2761.3	2600.2	-161.2	
1982	297.2	-11.7	308.9	1994.7	2303.6	2172.8	-130.8	
1983	209.1	-17.7	226.7	2234.2	2461.0	2329.3	-131.6	
1984	190.0	9.4	180.6	2331.3	2511.9	2383.6	-128.3	
1985	73.3	-31.9	105.1	1399.2	1504.3	1448.7	-55.6	
1986	0.0	-402.0	402.0	2238.2	2640.2	2581.2	-59.0	
1987	17.9	-327.1	345.0	3321.3	3666.2	3563.5	-102.8	
1988	0.0	-429.0	429.0	3702.3	4131.4	4048.2	-83.2	
1989	16.3	-439.4	455.7	4107.4	4563.1	4466.6	-96.4	
1990	41.4	-563.2	604.6	4119.8	4724.4	4496.2	-228.1	
1991	117.8	-429.2	547.0	3983.5	4530.5	4383.5	-147.0	
1992	76.9	-366.5	443.3	3987.6	4430.9	4478.9	48.0	
1993	83.4	-256.8	340.2	4210.8	4551.0	4596.4	45.3	
1994	64.1	-180.1	244.2	4440.5	4684.7	4774.0	89.3	
1995	108.4	-227.4	335.8	4317.6	4653.4	4438.9	-214.5	
1996	231.5	-29.8	261.4	4178.8	4440.1	4309.1	-131.0	
1997	283.6	-23.8	307.4	4661.9	4969.4	4642.7	-326.7	
1998	352.1	-6.2	358.2	4785.3	5143.5	4830.3	-313.2	
1999	250.8	1.4	249.4	4677.9	4927.3	4597.8	-329.4	
2000	213.3	-1.4	214.7	4859.8	5074.5	4777.3	-297.2	
2001	421.1	-13.7	434.8	4597.9	5032.6	4698.2	-334.4	
2000	Jul	15.0	-0.8	15.9	431.8	447.7	416.2	-31.5
	Aug	35.5	18.0	17.5	418.3	435.9	441.2	5.3
	Sep	7.4	-18.2	25.6	413.8	439.4	394.0	-45.4
	Oct	34.0	16.5	17.5	341.4	358.9	349.3	-9.5
	Nov	10.1	-22.6	32.8	361.2	394.0	363.4	-30.6
	Dec	19.5	-3.6	23.1	449.0	472.1	420.7	-51.4
2001	Jan	43.4	14.8	28.5	437.9	466.5	436.2	-30.3
	Feb	23.4	-3.3	26.6	367.3	393.9	382.8	-11.0
	Mar	41.3	-9.6	50.9	404.7	455.5	418.2	-37.3
	Apr	18.8	-0.4	19.2	396.9	416.1	400.7	-15.3
	May	97.1	21.8	75.3	287.7	363.0	357.8	-5.2
	Jun	26.7	-26.4	53.1	338.4	391.5	355.7	-35.8
	Jul	36.9	21.8	15.1	416.4	431.5	400.1	-31.4
	Aug	48.7	6.2	42.5	408.8	451.3	433.9	-17.5
	Sep	20.7	-14.6	35.3	404.0	439.3	418.5	-20.8
	Oct	17.1	-1.7	18.8	404.2	423.0	393.9	-29.1
	Nov	16.4	-5.3	21.7	356.3	378.1	317.6	-60.5
	Dec	30.5	-17.1	47.7	375.2	422.9	382.7	-40.1
2002	Jan	42.7	9.5	33.2	396.4	429.6	433.7	4.1
	Feb	18.8	-20.0	38.8	342.0	380.8	379.0	-1.8
	Mar	49.5	9.6	40.0	399.0	438.9	435.4	-3.6
	Apr	19.9	-8.0	28.0	423.1	451.1	421.6	-29.5
	May	38.0	9.6	28.4	423.9	452.3	406.9	-45.4
	Jun	19.9	0.1	19.9	410.9	430.7	409.0	-21.7
	Jul	33.6	4.1	29.4	389.1	418.5	407.5	-11.0
	Aug	25.4	-7.6	33.0	422.3	455.3	423.8	-31.6
	Sep	38.8	-5.7	44.6	403.1	447.7	430.3	-17.4
Year Ended	Sep 2001	420.7	0.8	419.8	4613.7	5033.6	4737.4	-296.2
	Sep 2002	350.7	-32.6	383.4	4745.6	5129.0	4841.3	-287.7

* No exports of refinery blendstocks and other feedstocks since January 1974 to September 2002.

Table D.15.3: Oil Products Total* (Thousand Tonnes)

Calendar Year or Month	Production	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy	
1974	3395.4	940.2	489.4	0.0	416.0	70.5	3359.8	
1975	2838.4	1744.2	221.4	0.0	468.8	-17.4	3909.8	
1976	3342.0	878.3	330.7	0.0	531.2	6.5	3351.9	
1977	3107.3	1172.0	204.8	33.6	501.8	74.9	3464.2	
1978	2824.6	1159.7	60.8	41.1	498.4	-36.7	3420.8	
1979	2911.1	1233.1	40.3	58.8	652.4	83.0	3309.7	
1980	2752.7	1247.2	33.8	19.9	526.0	96.0	3324.2	
1981	2600.2	1013.8	32.8	19.9	478.3	-152.0	3235.0	
1982	2172.8	1233.5	54.4	0.0	442.8	-235.0	3144.2	
1983	2329.3	1342.4	74.8	13.8	393.3	78.4	3111.4	
1984	2383.6	1337.7	33.6	77.6	393.3	39.3	3177.5	
1985	1448.7	2054.0	53.2	79.8	415.9	-2.8	2956.6	
1986	2581.2	1057.0	23.8	93.0	382.8	-84.6	3223.2	
1987	3563.5	663.3	26.5	320.0	467.4	122.5	3290.3	
1988	4048.2	310.4	7.4	564.2	545.9	-69.8	3311.0	
1989	4466.6	373.6	1.3	736.6	575.6	31.3	3495.5	
1990	4496.2	531.9	4.8	472.9	754.6	64.3	3731.6	
1991	4383.5	501.2	-9.1	468.9	704.5	-3.1	3723.5	
1992	4478.9	527.5	-3.2	240.3	693.0	42.1	4034.2	
1993	4596.4	509.9	-104.0	403.6	714.0	51.4	4041.3	
1994	4774.0	643.7	-11.3	164.6	879.0	96.2	4289.2	
1995	4438.9	920.9	-40.8	14.8	856.7	20.4	4508.7	
1996	4309.1	1221.1	-6.0	97.0	857.8	-30.8	4612.3	
1997	4642.7	1256.1	-138.0	158.8	896.6	267.1	4714.2	
1998	4830.3	929.1	-85.5	141.2	879.9	48.0	4775.7	
1999	4597.8	1407.5	25.4	110.4	907.7	81.7	4880.1	
2000	4777.3	1175.2	-75.0	116.0	795.1	48.8	5067.6	
2001	4698.2	1284.2	-45.9	54.0	849.0	136.2	4988.9	
2000	Jul	416.2	90.1	54.4	0.0	61.9	1.5	388.5
	Aug	441.2	70.9	-42.6	51.0	62.5	17.3	423.8
	Sep	394.0	135.0	-6.0	0.0	56.2	64.4	414.5
	Oct	349.3	55.7	-12.3	0.0	65.7	-62.6	414.3
	Nov	363.4	68.0	-11.5	0.0	64.1	-25.4	404.2
	Dec	420.7	103.1	-23.9	10.0	62.4	-32.6	508.0
2001	Jan	436.2	111.2	37.7	0.0	69.1	35.7	404.9
	Feb	382.8	81.7	-3.2	9.6	74.9	-13.3	396.6
	Mar	418.2	131.6	-36.0	12.1	71.9	30.8	471.1
	Apr	400.7	93.9	-3.5	0.0	68.5	39.3	390.4
	May	357.8	171.5	2.5	0.0	74.7	51.4	400.8
	Jun	355.7	88.5	-2.5	9.3	67.6	-35.2	405.1
	Jul	400.1	134.4	24.8	0.0	71.0	24.8	413.9
	Aug	433.9	94.7	-25.9	8.4	69.6	90.2	386.3
	Sep	418.5	75.1	-21.4	0.0	70.4	30.4	414.1
	Oct	393.9	68.0	-35.1	14.7	68.0	-13.6	427.8
	Nov	317.6	137.8	35.7	0.0	69.6	-83.9	434.0
	Dec	382.7	95.7	-19.0	0.0	73.6	-20.3	444.1
2002	Jan	433.7	186.9	-4.3	14.0	102.7	104.1	404.2
	Feb	379.0	27.8	5.6	0.0	80.0	-104.6	425.8
	Mar	435.4	141.1	1.5	24.0	79.2	6.8	465.0
	Apr	421.6	156.6	8.7	17.0	70.2	59.3	423.0
	May	406.9	68.8	-21.3	24.6	81.7	-32.7	423.4
	Jun	409.0	159.8	8.8	6.6	72.7	61.9	418.9
	Jul	407.5	62.6	-23.8	0.0	79.1	2.2	412.6
	Aug	423.8	76.1	-1.6	20.6	62.4	-6.9	425.4
	Sep	430.3	137.8	-53.9	16.9	67.9	58.4	478.7
Year	Sep 2001	4737.4	1209.5	-75.3	49.3	830.0	133.4	5009.5
Ended	Sep 2002	4841.3	1319.1	-98.7	138.4	907.2	30.6	5182.9

* Includes total of petrol, diesel, fuel oil, aviation fuels and other petroleum products.

Table D.15.4: Total Petrol* (Thousand Tonnes)

Calendar Year or Month	Production	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy
1974	1248.3	372.1	0.0	0.0	0.2	-18.1	1638.3
1975	1211.2	701.3	0.9	0.0	0.1	-59.9	1971.4
1976	1399.5	270.4	1.8	0.0	0.1	29.1	1638.9
1977	1276.8	425.0	1.8	0.0	0.0	8.9	1691.0
1978	1242.2	427.6	1.6	0.0	0.0	-10.4	1678.7
1979	1281.1	409.3	2.2	0.0	0.0	29.6	1658.6
1980	1210.3	425.3	-2.1	0.0	1.1	-0.3	1636.8
1981	1262.4	375.0	1.7	0.0	0.0	-18.5	1654.2
1982	1153.9	403.6	2.4	0.0	0.0	-126.4	1681.4
1983	1255.5	532.8	1.7	0.0	0.0	107.8	1678.8
1984	1289.7	459.8	2.6	0.0	0.0	31.1	1715.7
1985	730.3	822.0	1.1	0.0	0.0	-28.8	1580.0
1986	1630.8	110.5	1.9	75.4	0.0	-46.4	1710.3
1987*	1621.2	475.1	1.5	251.4	0.1	44.6	1798.7
1988	1755.2	219.7	-0.4	219.2	0.2	-46.0	1801.9
1989	1853.9	271.3	-2.9	247.9	0.3	10.7	1869.1
1990	1812.6	281.2	-4.0	118.3	0.3	59.9	1919.2
1991	1726.8	299.4	5.0	81.2	5.4	-22.9	1957.5
1992	1792.4	224.6	-17.2	74.2	0.2	-8.8	1968.6
1993	1810.7	317.2	-6.2	121.5	0.2	16.9	1995.4
1994	1706.8	396.3	42.5	22.6	3.9	2.8	2031.2
1995	1583.9	539.5	-25.4	12.4	0.1	30.6	2105.8
1996	1482.9	652.3	-14.7	41.8	0.4	-9.5	2117.4
1997	1549.7	680.2	-8.4	57.8	0.0	24.1	2156.4
1998	1590.1	599.5	-33.6	29.6	0.0	27.0	2166.6
1999	1371.3	895.0	27.0	15.2	0.0	1.7	2222.3
2000	1429.4	743.9	-14.4	13.0	0.0	-8.5	2183.2
2001	1500.0	777.1	-3.2	0.0	0.5	67.9	2211.8
2000 Jul	124.4	77.3	20.3	0.0	0.0	5.8	175.7
2000 Aug	138.9	48.1	-1.9	13.0	0.0	-6.5	182.4
2000 Sep	123.1	75.3	10.3	0.0	0.0	19.6	168.6
2000 Oct	111.9	36.9	-10.3	0.0	0.0	-26.0	185.0
2000 Nov	107.5	53.0	-8.4	0.0	0.0	-11.9	180.8
2000 Dec	121.8	52.3	-2.8	0.0	0.0	-26.9	203.9
2001 Jan	138.2	86.1	35.4	0.0	0.0	3.4	185.4
2001 Feb	115.8	40.6	-31.6	0.0	0.0	16.6	171.5
2001 Mar	143.1	72.9	2.2	0.0	0.0	21.9	192.0
2001 Apr	123.8	74.8	-1.8	0.0	0.0	18.2	182.2
2001 May	139.6	98.5	8.9	0.0	0.0	49.8	179.4
2001 Jun	121.3	42.5	1.0	0.0	0.0	-8.7	171.4
2001 Jul	109.0	72.3	-10.4	0.0	0.0	9.2	182.5
2001 Aug	127.4	59.7	2.4	0.0	0.5	7.5	176.6
2001 Sep	120.0	55.3	-9.2	0.0	0.0	5.6	178.8
2001 Oct	124.7	57.3	-7.0	0.0	0.0	-9.5	198.5
2001 Nov	103.2	78.5	13.7	0.0	0.0	-25.0	193.0
2001 Dec	134.0	38.7	-6.8	0.0	0.0	-21.1	200.5
2002 Jan	130.6	95.5	14.1	0.0	0.0	15.9	196.0
2002 Feb	109.0	19.8	-0.2	0.0	0.0	-61.4	190.4
2002 Mar	130.2	76.5	4.7	0.0	0.0	5.8	196.1
2002 Apr	129.0	104.2	9.8	0.0	0.0	37.5	185.9
2002 May	131.1	45.3	-15.1	12.7	0.0	-10.7	189.5
2002 Jun	121.9	72.3	14.4	0.0	0.0	5.6	174.2
2002 Jul	119.6	48.4	-2.0	0.0	0.0	-19.8	189.9
2002 Aug	135.6	48.3	7.7	0.0	0.0	-11.1	187.3
2002 Sep	141.1	55.1	-11.4	0.0	0.0	20.3	187.3
Year Ended Sep 2001	1479.4	744.8	-24.5	0.0	0.5	58.7	2189.5
Year Ended Sep 2002	1509.9	739.7	21.8	12.7	0.0	-73.4	2288.4

* Includes premium leaded, premium unleaded (from January 1996), regular leaded (to December 1986) and regular unleaded (from January 1987).

Table D.15.5: Production and Consumer Energy by Petrol Types* (Thousand Tonnes)**Table D.15.5a: Quarterly Production by Petrol Types**

Quarters		Premium Leaded Petrol	Regular Unleaded Petrol	Premium Unleaded Petrol	Total Petrol
1996	Mar	0.0	175.0	192.4	367.4
	Jun	0.0	240.2	145.1	385.2
	Sep	0.0	198.9	190.3	389.1
	Dec	0.0	206.5	134.6	341.2
1997	Mar	0.0	228.9	116.9	345.8
	Jun	0.0	290.4	114.1	404.4
	Sep	0.0	318.5	101.9	420.5
	Dec	0.0	300.5	78.5	379.0
1998	Mar	0.0	235.2	140.8	376.0
	Jun	0.0	302.2	86.7	388.9
	Sep	0.0	291.9	95.7	387.5
	Dec	0.0	303.6	134.0	437.6
1999	Mar	0.0	209.7	145.3	354.9
	Jun	0.0	220.8	147.5	368.3
	Sep	0.0	296.7	25.2	321.9
	Dec	0.0	260.1	66.0	326.1
2000	Mar	0.0	235.4	95.9	331.3
	Jun	0.0	276.1	94.3	370.4
	Sep	0.0	287.0	99.5	386.4
	Dec	0.0	261.5	79.8	341.3
2001	Mar	0.0	304.3	92.8	397.1
	Jun	0.0	244.1	140.6	384.7
	Sep	0.0	296.0	60.3	356.3
	Dec	0.0	283.8	78.1	361.9
2002	Mar	0.0	267.0	102.7	369.7
	Jun	0.0	277.8	104.2	382.0
	Sep	0.0	307.2	89.0	396.2

Table D.15.5b: Quarterly Consumer Energy by Petrol Types

Quarters		Premium Leaded Petrol	Regular Unleaded Petrol	Premium Unleaded Petrol	Total Petrol
1996	Mar	141.5	302.0	94.2	537.6
	Jun	8.7	350.8	146.5	506.0
	Sep	0.2	370.8	152.9	524.0
	Dec	0.0	389.5	160.3	549.8
1997	Mar	0.0	387.2	152.5	539.8
	Jun	0.0	376.8	144.5	521.3
	Sep	0.0	389.8	142.4	532.2
	Dec	0.0	412.5	150.7	563.2
1998	Mar	0.0	395.7	143.9	539.6
	Jun	0.0	386.0	142.5	528.6
	Sep	0.0	389.5	137.3	526.8
	Dec	0.0	423.4	148.2	571.6
1999	Mar	0.0	406.2	144.3	550.5
	Jun	0.0	396.7	140.7	537.3
	Sep	0.0	406.5	137.8	544.3
	Dec	0.0	442.4	147.7	590.1
2000	Mar	0.0	418.3	139.0	557.3
	Jun	0.0	402.1	127.5	529.6
	Sep	0.0	407.9	118.7	526.6
	Dec	0.0	445.4	124.3	569.7
2001	Mar	0.0	427.1	121.8	548.9
	Jun	0.0	412.6	120.3	532.9
	Sep	0.0	418.5	119.4	537.9
	Dec	0.0	458.4	133.6	592.0
2002	Mar	0.0	449.2	133.3	582.5
	Jun	0.0	427.0	122.6	549.6
	Sep	0.0	439.7	124.7	564.4

* Regular leaded petrol ceased production from 1 January 1987 and premium leaded petrol ceased production from 1 January 1996.

Table D.15.6: Premium Unleaded Petrol* (Thousand Tonnes)

Calendar Year or Month	Production	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy	
1996*	662.4	214.7	1.7	41.8	0.2	279.6	553.9	
1997	411.4	216.6	10.4	57.8	0.0	-30.4	590.1	
1998	457.2	137.5	-9.7	29.5	0.0	2.9	571.9	
1999	384.0	222.3	14.1	15.1	0.0	6.6	570.4	
2000	369.5	152.1	-0.3	0.0	0.0	12.3	509.5	
2001	371.8	136.2	-10.7	0.0	0.5	23.1	495.2	
1998	Jul	24.2	6.3	-3.2	15.1	0.0	-27.7	46.3
	Aug	41.1	7.2	3.5	0.0	0.0	0.0	44.8
	Sep	30.5	5.4	3.5	0.0	0.0	-13.8	46.2
	Oct	42.8	6.8	-8.8	0.0	0.0	10.6	47.8
	Nov	42.4	9.9	7.0	0.0	0.0	-1.9	47.2
	Dec	48.9	0.0	-3.4	0.0	0.0	-0.9	53.2
1999	Jan	50.2	17.4	-6.4	0.0	0.0	25.2	48.9
	Feb	43.4	13.4	12.1	0.0	0.0	-0.4	45.2
	Mar	51.6	15.7	6.0	0.0	0.0	11.0	50.3
	Apr	57.5	16.7	10.7	0.0	0.0	14.4	49.2
	May	48.6	2.9	-2.6	15.1	0.0	-7.4	46.4
	Jun	41.3	36.8	-4.7	0.0	0.0	37.7	45.2
	Jul	2.2	17.6	-0.1	0.0	0.0	-26.4	46.1
	Aug	7.1	13.4	0.4	0.0	0.0	-25.8	45.9
	Sep	15.9	35.1	-2.4	0.0	0.0	7.7	45.7
	Oct	28.3	12.9	-3.4	0.0	0.0	-1.7	46.3
	Nov	16.0	12.8	0.8	0.0	0.0	-18.5	46.4
	Dec	21.7	27.5	3.6	0.0	0.0	-9.3	54.9
2000	Jan	31.5	13.4	0.8	0.0	0.0	-2.2	46.2
	Feb	41.8	11.5	5.7	0.0	0.0	1.2	46.4
	Mar	22.6	27.2	-3.3	0.0	0.0	6.6	46.5
	Apr	15.3	4.1	1.1	0.0	0.0	-26.7	45.0
	May	39.5	21.4	-4.5	0.0	0.0	23.1	42.3
	Jun	39.5	12.7	-3.5	0.0	0.0	15.5	40.2
	Jul	37.4	17.5	0.1	0.0	0.0	14.7	40.1
	Aug	27.0	12.4	0.4	0.0	0.0	-2.6	41.6
	Sep	35.0	11.8	10.6	0.0	0.0	-0.7	36.9
	Oct	16.8	0.0	-8.9	0.0	0.0	-15.0	40.8
	Nov	25.8	3.9	-3.4	0.0	0.0	-5.6	38.7
	Dec	37.1	16.3	4.7	0.0	0.0	3.9	44.9
2001	Jan	28.8	8.0	0.2	0.0	0.0	-3.9	40.6
	Feb	26.3	10.3	-1.1	0.0	0.0	-0.9	38.6
	Mar	37.6	6.4	-0.4	0.0	0.0	1.8	42.6
	Apr	41.5	17.0	3.5	0.0	0.0	13.6	41.4
	May	61.3	12.5	-0.3	0.0	0.0	32.9	41.2
	Jun	37.8	12.7	-1.1	0.0	0.0	13.9	37.8
	Jul	19.0	12.4	2.4	0.0	0.0	-11.1	40.0
	Aug	32.9	9.4	-0.3	0.0	0.5	3.1	39.0
	Sep	8.4	16.2	-0.5	0.0	0.0	-15.3	40.4
	Oct	23.5	12.6	-8.4	0.0	0.0	-1.1	45.6
	Nov	25.2	7.5	-0.5	0.0	0.0	-9.8	43.0
	Dec	29.4	11.3	-4.3	0.0	0.0	-0.1	45.0
2002	Jan	36.9	3.7	-7.2	0.0	0.0	2.8	44.9
	Feb	31.7	0.0	1.9	0.0	0.0	-13.4	43.3
	Mar	34.0	27.6	-0.6	0.0	0.0	17.2	45.1
	Apr	43.0	18.9	6.5	0.0	0.0	13.6	41.8
	May	32.7	10.9	-2.3	12.7	0.0	-8.9	42.0
	Jun	28.6	13.4	0.5	0.0	0.0	2.6	38.8
	Jul	23.4	6.0	2.4	0.0	0.0	-14.8	41.8
	Aug	37.3	10.6	5.5	0.0	0.0	1.1	41.4
	Sep	28.3	13.0	-7.2	0.0	0.0	7.0	41.5
Year	Sep 2001	373.5	125.1	-5.3	0.0	0.5	17.4	485.9
Ended	Sep 2002	374.0	135.4	-13.6	12.7	0.0	-3.9	514.1

* Production commenced on 1 January 1996.

Table D.15.7: Regular Unleaded Petrol (Thousand Tonnes)

Calendar Year or Month	Refinery Output	Direct* Use	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy	
1986	0.0	75.4	0.0	0.0	75.4	0.0	0.0	0.0	
1987	87.0	251.4	0.0	2.4	251.4	0.0	9.6	75.0	
1988	135.8	201.0	0.1	0.2	203.1	0.0	-0.5	134.1	
1989	228.6	201.9	0.0	2.9	208.5	0.0	9.2	209.9	
1990	381.4	79.2	29.1	2.2	86.4	0.0	23.5	377.6	
1991	474.7	38.0	29.0	-2.1	44.0	0.0	-129.0	628.9	
1992	506.8	57.6	8.1	-16.0	59.2	0.1	-200.8	730.1	
1993	547.5	94.3	11.5	0.9	95.5	0.1	-265.7	822.5	
1994	650.3	0.0	23.4	20.1	0.2	0.0	-272.6	925.9	
1995	820.9	0.0	159.2	-5.9	2.1	0.0	-52.9	1036.8	
1996	820.6	0.0	437.6	-16.4	0.0	0.2	-138.7	1413.1	
1997	1138.4	0.0	463.6	-18.8	0.0	0.0	54.5	1566.3	
1998	1132.9	0.0	462.0	-24.0	0.1	0.0	24.1	1594.7	
1999	987.3	0.0	672.7	12.9	0.0	0.0	-4.8	1651.8	
2000	1059.9	0.0	591.9	-14.1	13.0	0.0	-20.8	1673.6	
2001	1128.2	0.0	640.8	7.5	0.0	0.0	44.8	1716.7	
1999	Jul	94.7	0.0	44.9	3.6	0.0	0.0	1.7	134.3
	Aug	113.7	0.0	35.6	4.6	0.0	0.0	9.5	135.2
	Sep	88.4	0.0	64.7	6.7	0.0	0.0	9.3	137.1
	Oct	87.3	0.0	37.9	-10.7	0.0	0.0	-3.6	139.5
	Nov	79.5	0.0	36.9	0.3	0.0	0.0	-24.2	140.3
	Dec	93.3	0.0	76.9	-19.2	0.0	0.0	26.7	162.7
2000	Jan	81.2	0.0	53.7	-8.7	0.0	0.0	7.1	136.6
	Feb	64.6	0.0	60.3	-3.9	0.0	0.0	-6.7	135.6
	Mar	89.6	0.0	65.2	7.2	0.0	0.0	1.4	146.1
	Apr	96.6	0.0	26.2	-4.1	0.0	0.0	-9.7	136.6
	May	104.3	0.0	50.0	-4.8	0.0	0.0	24.2	134.9
	Jun	75.2	0.0	55.3	-3.5	0.0	0.0	3.5	130.5
	Jul	87.0	0.0	59.8	20.2	0.0	0.0	-8.9	135.5
	Aug	111.8	0.0	35.8	-2.3	13.0	0.0	-3.9	140.8
	Sep	88.1	0.0	63.5	-0.4	0.0	0.0	20.3	131.6
	Oct	95.1	0.0	36.9	-1.3	0.0	0.0	-11.0	144.3
	Nov	81.7	0.0	49.1	-5.0	0.0	0.0	-6.3	142.1
	Dec	84.7	0.0	36.0	-7.5	0.0	0.0	-30.8	159.1
2001	Jan	109.3	0.0	78.1	35.3	0.0	0.0	7.3	144.9
	Feb	89.5	0.0	30.3	-30.5	0.0	0.0	17.4	132.9
	Mar	105.5	0.0	66.5	2.6	0.0	0.0	20.1	149.3
	Apr	82.3	0.0	57.8	-5.3	0.0	0.0	4.6	140.8
	May	78.3	0.0	85.9	9.2	0.0	0.0	16.9	138.2
	Jun	83.4	0.0	29.8	2.2	0.0	0.0	-22.5	133.6
	Jul	90.0	0.0	60.0	-12.8	0.0	0.0	20.3	142.4
	Aug	94.5	0.0	50.4	2.7	0.0	0.0	4.5	137.7
	Sep	111.5	0.0	39.1	-8.8	0.0	0.0	20.9	138.4
	Oct	101.2	0.0	44.7	1.4	0.0	0.0	-8.4	152.9
	Nov	78.0	0.0	71.0	14.2	0.0	0.0	-15.2	150.0
	Dec	104.6	0.0	27.4	-2.6	0.0	0.0	-20.9	155.5
2002	Jan	93.6	0.0	91.8	21.3	0.0	0.0	13.1	151.1
	Feb	77.3	0.0	19.8	-2.1	0.0	0.0	-47.9	147.1
	Mar	96.1	0.0	48.9	5.4	0.0	0.0	-11.4	151.0
	Apr	86.0	0.0	85.3	3.3	0.0	0.0	23.9	144.1
	May	98.4	0.0	34.4	-12.8	0.0	0.0	-1.8	147.5
	Jun	93.4	0.0	58.9	13.9	0.0	0.0	3.0	135.3
	Jul	96.3	0.0	42.4	-4.4	0.0	0.0	-5.0	148.1
	Aug	98.2	0.0	37.7	2.3	0.0	0.0	-12.2	145.8
	Sep	112.7	0.0	42.1	-4.3	0.0	0.0	13.3	145.8
Year	Sep 2001	1105.9	0.0	619.7	-19.3	0.0	0.0	41.3	1703.6
Ended	Sep 2002	1135.9	0.0	604.4	35.4	0.0	0.0	-69.5	1774.3

* Syngas supplied directly to exports. The exports in these figures are then deducted in the exports column.

Table D.15.8: Diesel (Thousand Tonnes)

Calendar Year or Month	Refinery Output	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy	
1974	601.3	287.1	-13.6	0.0	61.9	10.8	829.3	
1975	555.0	446.2	-15.5	0.0	105.3	21.0	890.4	
1976	674.9	326.6	-13.8	0.0	138.2	-4.9	882.1	
1977	655.9	431.5	-14.4	0.0	155.7	30.2	916.0	
1978	629.1	382.0	-11.2	0.0	128.9	-34.1	927.5	
1979	652.1	399.4	-1.1	0.0	154.8	62.3	835.6	
1980	654.1	365.4	3.7	0.0	112.5	18.8	884.6	
1981	678.0	262.4	2.5	0.0	131.2	-75.9	882.6	
1982	553.6	432.6	2.4	0.0	156.2	-45.3	872.9	
1983	611.1	420.7	1.6	0.0	135.5	18.2	876.5	
1984	616.0	442.7	3.7	0.0	133.1	19.4	902.4	
1985	328.1	686.6	7.5	0.0	123.9	-23.8	907.1	
1986	613.6	444.3	2.9	0.0	88.9	8.7	957.4	
1987	1001.8	55.1	-1.2	33.3	73.8	27.6	923.4	
1988	1192.0	5.0	1.4	223.4	108.2	-22.9	887.0	
1989	1363.7	0.2	0.2	344.0	90.6	-20.9	949.9	
1990	1351.0	9.4	0.7	234.6	129.7	-8.7	1004.1	
1991	1432.4	4.0	-32.0	305.5	144.2	-22.3	1041.0	
1992	1405.1	33.4	-30.9	96.3	104.4	67.2	1201.6	
1993	1488.1	0.3	-66.4	186.3	102.0	38.0	1228.5	
1994	1570.1	39.7	-15.8	86.3	148.6	16.9	1373.9	
1995	1548.8	84.5	13.2	0.1	128.1	-5.0	1496.8	
1996	1454.8	255.9	-3.5	1.9	102.7	-0.6	1610.2	
1997	1613.7	266.1	-77.6	43.3	96.9	122.2	1694.9	
1998	1768.4	59.2	-29.2	62.9	84.6	-21.3	1730.5	
1999	1714.8	235.5	-16.7	20.3	55.5	54.2	1837.1	
2000	1835.2	148.7	-21.0	4.9	45.9	27.0	1927.2	
2001	1768.7	238.1	-10.9	0.0	48.9	-9.3	1978.1	
2000	Jul	173.5	4.0	24.4	0.0	3.1	2.7	147.3
	Aug	152.2	9.5	-17.0	0.0	3.5	14.3	160.9
	Sep	148.2	7.4	-20.9	0.0	2.2	25.9	148.4
	Oct	140.9	7.9	9.3	0.0	3.0	-26.6	163.0
	Nov	146.2	8.6	3.6	0.0	3.1	-19.4	167.5
	Dec	157.3	6.4	0.5	0.0	7.0	-11.3	167.4
2001	Jan	152.1	11.7	9.3	0.0	4.0	-11.4	161.9
	Feb	151.4	30.6	14.9	0.0	3.7	7.3	156.1
	Mar	138.7	24.6	-30.2	0.0	3.5	7.5	182.5
	Apr	147.7	0.0	6.1	0.0	4.5	-22.1	159.2
	May	125.6	52.4	-18.4	0.0	6.6	23.9	165.9
	Jun	139.4	5.8	7.7	0.0	6.1	-20.8	152.3
	Jul	155.3	51.8	34.2	0.0	3.2	-5.0	174.7
	Aug	175.5	12.4	-22.6	0.0	3.8	51.4	155.3
	Sep	173.6	0.0	-15.8	0.0	3.5	32.4	153.5
	Oct	152.6	0.0	-9.2	0.0	2.7	-27.7	186.7
	Nov	112.5	36.6	25.4	0.0	3.1	-55.6	176.1
	Dec	144.4	12.2	-12.3	0.0	4.0	10.6	154.2
2002	Jan	153.0	75.3	-11.3	0.0	16.0	63.7	160.0
	Feb	143.7	4.0	1.6	0.0	3.5	-39.4	182.0
	Mar	148.7	18.9	5.2	0.0	5.0	-21.3	178.7
	Apr	157.6	33.0	12.1	0.0	2.1	-1.5	177.9
	May	172.5	7.8	12.2	0.0	5.9	-17.1	179.3
	Jun	175.0	43.1	-4.1	0.0	8.8	57.1	156.2
	Jul	157.4	0.2	-22.8	0.0	7.1	2.9	170.5
	Aug	166.7	15.5	-4.3	0.0	0.4	13.4	172.7
	Sep	161.4	28.5	-10.5	0.0	1.9	28.0	170.4
Year Ended	Sep 2001	1803.7	212.2	-1.4	0.0	52.2	6.0	1959.1
	Sep 2002	1845.5	275.1	-18.0	0.0	60.7	13.2	2064.7

Table D.15.9: Fuel Oil (Thousand Tonnes)

Calendar Year or Month	Refinery Output	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy	
1974	1422.4	4.6	482.9	0.0	241.0	70.0	633.1	
1975	989.9	121.7	219.3	0.0	256.7	-127.5	763.1	
1976	1157.6	0.0	327.3	0.0	275.8	-14.5	569.0	
1977	1065.1	0.0	200.9	33.6	226.6	33.3	570.6	
1978	851.4	0.0	57.9	41.1	209.3	0.9	542.2	
1979	878.9	0.0	24.3	40.7	315.0	-13.8	512.7	
1980	784.6	0.8	17.7	19.9	229.9	32.2	485.7	
1981	570.1	0.6	16.3	19.9	169.4	-35.9	401.1	
1982	396.2	34.7	37.9	0.0	110.5	-20.4	303.0	
1983	349.8	35.8	61.0	13.8	83.7	-37.6	264.7	
1984	345.0	49.1	20.8	77.6	77.8	10.9	207.0	
1985	300.6	81.7	34.1	79.8	81.1	8.7	178.5	
1986	208.4	80.0	7.3	17.6	60.2	-2.7	206.1	
1987	320.2	0.0	7.3	13.4	81.2	15.4	202.9	
1988	299.4	11.4	4.8	0.0	117.2	-15.8	204.6	
1989	339.5	0.6	0.6	26.3	111.8	24.9	176.6	
1990	389.8	0.0	2.5	15.8	194.4	-19.2	196.2	
1991	381.3	8.9	12.6	24.0	143.2	11.5	198.8	
1992	414.7	52.1	30.8	37.0	167.5	-58.4	290.0	
1993	384.4	3.0	-25.7	26.2	185.0	2.0	199.8	
1994	508.3	0.9	-30.2	16.5	267.0	19.9	236.1	
1995	400.2	2.3	-36.9	0.0	224.9	-11.3	225.8	
1996	445.6	18.6	0.2	50.2	230.3	-32.8	216.3	
1997	488.0	0.0	-29.0	37.0	251.1	38.7	190.1	
1998	499.4	0.0	-26.5	44.7	251.3	24.7	205.3	
1999	503.9	0.0	34.1	71.9	230.9	-30.6	197.5	
2000	510.5	0.0	-14.5	98.0	187.3	17.7	222.0	
2001	471.8	0.0	-24.6	54.0	198.3	40.5	203.7	
2000	Jul	29.4	0.0	-1.4	0.0	13.6	-4.9	22.1
	Aug	64.6	0.0	0.2	38.0	12.6	-3.9	17.8
	Sep	30.6	0.0	-1.3	0.0	9.9	4.0	18.0
	Oct	35.7	0.0	-11.6	0.0	15.9	12.1	19.3
	Nov	26.7	0.0	-8.2	0.0	11.6	10.1	13.2
	Dec	39.4	0.0	0.0	10.0	12.7	-7.9	24.6
2001	Jan	40.5	0.0	-10.0	0.0	11.9	19.8	18.7
	Feb	40.5	0.0	8.7	9.6	21.6	-16.1	16.6
	Mar	48.7	0.0	2.8	12.1	20.7	-7.0	20.1
	Apr	43.6	0.0	-12.8	0.0	11.5	31.8	13.0
	May	34.7	0.0	12.3	0.0	18.1	-16.3	20.6
	Jun	26.9	0.0	-11.1	9.3	13.7	-0.4	15.4
	Jul	44.9	0.0	0.6	0.0	16.2	7.5	20.5
	Aug	55.9	0.0	0.6	8.4	17.6	12.0	17.3
	Sep	36.8	0.0	5.9	0.0	18.8	-3.3	15.4
	Oct	29.4	0.0	-17.2	14.7	16.5	5.6	9.9
	Nov	35.2	0.0	-1.8	0.0	13.7	-1.0	24.4
	Dec	34.7	0.0	-2.8	0.0	17.8	7.9	11.8
2002	Jan	49.9	0.0	-13.2	14.0	24.7	11.0	13.3
	Feb	46.3	0.0	3.3	0.0	23.7	3.3	16.0
	Mar	67.0	0.0	3.2	24.0	20.2	6.4	13.2
	Apr	56.1	0.0	-10.6	17.0	20.0	8.6	21.1
	May	35.2	0.0	-18.0	11.9	22.8	3.8	14.7
	Jun	49.3	0.0	5.1	6.6	20.8	-8.0	24.8
	Jul	51.2	0.0	5.9	0.0	22.3	4.6	18.4
	Aug	41.5	0.0	-6.4	20.6	15.1	-11.7	23.9
	Sep	46.3	0.0	-29.7	16.9	18.7	9.1	31.3
Year Ended	Sep 2001	474.3	0.0	-22.6	49.3	190.4	42.4	214.8
	Sep 2002	542.2	0.0	-82.1	125.7	236.3	39.5	222.7

Table D.15.10: Aviation Fuels (Thousand Tonnes)

Calendar Year or Month	Refinery Output	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy
1974	0.0	258.2	20.1	0.0	112.9	3.3	121.8
1975	0.0	442.3	16.7	0.0	106.7	157.9	161.0
1976	0.0	281.3	15.4	0.0	117.1	-16.5	165.3
1977	0.0	315.5	16.4	0.0	119.5	5.7	173.9
1978	0.0	347.7	12.5	0.0	160.2	3.0	172.1
1979	0.0	383.7	11.1	0.0	181.9	12.7	178.0
1980	0.0	380.4	8.0	0.0	181.3	24.9	166.1
1981	0.0	306.3	4.8	0.0	176.3	-13.7	139.0
1982	0.0	295.7	3.5	0.0	174.5	-10.2	128.0
1983	0.0	284.7	3.0	0.0	172.4	-21.6	130.9
1984	0.0	335.5	3.4	0.0	179.7	-8.5	160.9
1985	0.0	372.0	3.3	0.0	208.5	10.3	150.0
1986	21.4	380.4	4.1	0.0	232.1	-17.8	183.5
1987	486.2	90.6	8.8	21.9	311.3	30.4	204.3
1988	657.0	21.5	2.9	121.7	319.5	-6.5	240.9
1989	763.6	38.8	3.1	118.4	372.0	5.7	303.3
1990	788.8	39.1	4.9	104.2	429.0	-0.4	290.2
1991	715.7	17.5	5.5	53.3	409.9	25.6	238.9
1992	701.4	46.1	17.1	32.6	419.3	2.1	276.3
1993	748.2	20.7	-2.0	66.1	425.3	-24.2	303.7
1994	813.9	22.9	-11.8	38.9	457.9	38.3	313.6
1995	751.1	83.1	-10.7	0.0	501.7	-4.7	347.7
1996	756.8	110.8	11.2	0.0	522.8	-17.2	350.7
1997	829.2	122.9	-12.4	13.0	546.6	54.3	350.6
1998	813.2	101.7	23.0	2.1	544.0	-27.1	373.0
1999	839.0	115.8	-33.3	3.0	621.2	47.3	316.6
2000	839.6	118.5	-25.1	0.0	561.9	5.7	415.6
2001	817.9	133.4	-1.6	0.0	601.3	2.7	348.9
2000 Jul	84.5	4.8	10.5	0.0	45.2	1.2	32.5
2000 Aug	83.0	8.8	-23.6	0.0	46.5	20.9	48.0
2000 Sep	73.7	10.5	5.7	0.0	44.1	4.0	30.4
2000 Oct	47.9	11.0	0.5	0.0	46.8	-21.6	33.1
2000 Nov	66.0	4.2	2.5	0.0	49.4	-14.7	33.1
2000 Dec	83.0	1.5	-16.3	0.0	42.7	6.4	51.7
2001 Jan	86.2	9.4	2.7	0.0	53.2	8.8	30.9
2001 Feb	58.3	8.8	4.6	0.0	49.6	-18.5	31.3
2001 Mar	73.7	6.9	-10.8	0.0	47.7	3.7	40.0
2001 Apr	69.4	17.9	5.1	0.0	52.4	11.2	18.6
2001 May	52.6	19.6	-0.2	0.0	49.9	-3.7	26.2
2001 Jun	61.3	5.8	0.0	0.0	47.8	-7.0	26.3
2001 Jul	76.7	8.0	0.6	0.0	51.6	4.7	27.8
2001 Aug	72.5	20.4	-6.0	0.0	47.7	19.3	31.9
2001 Sep	74.6	1.9	-2.9	0.0	48.1	0.7	30.6
2001 Oct	76.3	10.7	2.2	0.0	48.8	7.3	28.7
2001 Nov	57.5	22.3	-1.4	0.0	52.8	0.0	28.3
2001 Dec	59.0	1.7	4.6	0.0	51.7	-23.9	28.3
2002 Jan	84.1	15.2	5.8	0.0	62.0	3.1	28.4
2002 Feb	69.0	4.0	1.0	0.0	52.8	-3.2	22.3
2002 Mar	73.6	16.7	-9.7	0.0	54.0	16.1	29.8
2002 Apr	62.9	19.4	4.7	0.0	48.0	2.1	27.4
2002 May	59.5	13.7	1.5	0.0	53.0	-9.3	27.9
2002 Jun	60.6	16.6	-6.0	0.0	43.1	9.5	30.7
2002 Jul	71.4	11.4	-4.6	0.0	49.7	9.7	28.0
2002 Aug	73.7	11.2	4.4	0.0	46.9	1.8	31.9
2002 Sep	72.0	3.8	-5.3	0.0	47.4	0.6	33.0
Year Ended Sep 2001	822.1	115.4	-20.3	0.0	586.9	-10.5	381.4
Year Ended Sep 2002	819.4	146.7	-2.7	0.0	610.2	13.9	344.7

Table D.15.11: Other Petroleum Products (Thousand Tonnes)

Calendar Year or Month	Refinery Output	Imports	Oil Industry Losses & Own Use	Exports	International Transport	Stock Change	Consumer Energy	
1974	123.5	18.2	0.0	0.0	0.0	4.4	137.2	
1975	82.4	32.6	0.0	0.0	0.0	-8.9	123.9	
1976	110.0	0.0	0.0	0.0	0.0	13.4	96.6	
1977	109.5	0.0	0.0	0.0	0.0	-3.2	112.7	
1978	101.9	2.4	0.0	0.0	0.0	3.9	100.4	
1979	99.0	40.6	3.8	18.1	0.6	-7.8	124.9	
1980	103.7	75.3	6.5	0.0	1.1	20.4	150.9	
1981	89.7	69.5	7.6	0.0	1.4	-8.1	158.2	
1982	69.1	66.9	8.3	0.0	1.6	-32.7	158.8	
1983	112.9	68.5	7.6	0.0	1.7	11.7	160.4	
1984	133.0	50.6	3.1	0.0	2.8	-13.6	191.3	
1985	89.8	91.8	7.3	0.0	2.4	30.8	141.1	
1986	107.0	41.8	7.7	0.0	1.5	-26.4	165.9	
1987	134.1	42.5	10.1	0.0	0.9	4.6	160.9	
1988	144.6	52.7	-1.3	0.0	0.8	21.3	176.6	
1989	146.0	62.7	0.3	0.0	1.0	10.8	196.5	
1990	154.0	202.2	0.6	0.0	1.1	32.7	321.8	
1991	127.3	171.6	-0.2	5.0	1.8	5.0	287.3	
1992	165.2	171.3	-2.9	0.3	1.5	40.0	297.7	
1993	165.1	168.7	-3.7	3.5	1.4	18.7	313.8	
1994	174.9	183.9	4.0	0.3	1.6	18.3	334.5	
1995	154.9	211.5	19.0	2.3	1.9	10.7	332.5	
1996	169.1	183.4	0.7	3.1	1.6	29.3	317.8	
1997	162.0	187.0	-10.6	7.7	1.9	27.8	322.2	
1998	159.2	168.7	-19.1	1.9	0.0	44.6	300.3	
1999	168.8	161.2	14.2	0.0	0.0	9.1	306.7	
2000	162.7	164.0	0.1	0.1	0.0	6.9	319.5	
2001	139.8	135.7	-5.6	0.0	0.0	34.5	246.4	
2000	Jul	4.4	4.1	0.7	0.0	0.0	-3.2	11.0
	Aug	2.6	4.5	-0.3	0.0	0.0	-7.4	14.8
	Sep	18.4	41.8	0.2	0.0	0.0	10.8	49.2
	Oct	13.0	0.0	-0.2	0.0	0.0	-0.7	13.9
	Nov	16.9	2.2	-1.1	0.0	0.0	10.5	9.6
	Dec	19.2	43.0	-5.2	0.0	0.0	7.0	60.3
2001	Jan	19.2	3.9	0.2	0.0	0.0	15.0	7.9
	Feb	16.8	1.7	0.2	0.0	0.0	-2.6	21.0
	Mar	14.1	27.2	-0.1	0.0	0.0	4.8	36.5
	Apr	16.2	1.2	-0.1	0.0	0.0	0.1	17.4
	May	5.3	1.1	-0.1	0.0	0.0	-2.3	8.8
	Jun	6.9	34.4	-0.2	0.0	0.0	1.6	39.8
	Jul	14.2	2.3	-0.2	0.0	0.0	8.4	8.3
	Aug	2.7	2.2	-0.2	0.0	0.0	-0.1	5.2
	Sep	13.5	17.9	0.6	0.0	0.0	-5.0	35.8
	Oct	10.9	0.0	-3.9	0.0	0.0	10.8	4.1
	Nov	9.3	0.5	-0.2	0.0	0.0	-2.4	12.3
	Dec	10.7	43.2	-1.6	0.0	0.0	6.1	49.4
2002	Jan	16.2	0.9	0.2	0.0	0.0	10.4	6.4
	Feb	11.0	0.0	-0.1	0.0	0.0	-4.0	15.2
	Mar	15.9	29.0	-2.0	0.0	0.0	-0.3	47.1
	Apr	16.0	0.0	-7.3	0.0	0.0	12.6	10.7
	May	8.6	2.0	-2.0	0.0	0.0	0.6	12.0
	Jun	2.1	27.9	-0.6	0.0	0.0	-2.4	33.0
	Jul	7.9	2.6	-0.2	0.0	0.0	4.8	5.9
	Aug	6.4	1.0	-3.0	0.0	0.0	0.7	9.6
	Sep	9.5	50.5	2.9	0.0	0.0	0.5	56.7
Year Ended	Sep 2001	158.0	137.0	-6.4	0.0	0.0	36.8	264.6
	Sep 2002	124.5	157.7	-17.7	0.0	0.0	37.5	262.4

* Includes bitumen, lubes, solvents, waxes, petroleum coke, white spirit and other liquid fuels.

Table D.15.12: LPG/NGL (Thousand Tonnes)

Calendar Year or Month	Total Gross Production	Injected to Gas Sales	Flared, Losses & Own Use	Net Production	Exports	Stock Change	Consumer Energy	
1974	2.2	0.0	0.0	2.2	0.0	-3.1	5.3	
1975	2.9	0.0	0.0	2.9	0.0	0.1	2.8	
1976	8.0	0.0	0.0	8.0	0.0	0.2	7.8	
1977	11.2	0.0	0.0	11.2	0.0	0.2	11.0	
1978	13.8	0.0	0.0	13.8	0.0	0.3	13.5	
1979	23.7	0.0	0.6	23.1	0.0	7.9	15.2	
1980	17.2	0.0	0.6	16.7	0.0	-1.7	18.4	
1981	26.1	0.0	0.3	25.8	0.0	-0.2	26.0	
1982	31.5	0.0	0.2	31.4	0.0	0.4	31.0	
1983	34.2	0.0	2.7	31.5	0.0	-0.3	31.8	
1984	53.8	0.0	5.9	47.9	0.0	0.4	47.5	
1985	95.9	0.0	8.9	87.0	0.0	0.3	86.7	
1986	112.2	0.0	12.8	99.4	0.0	0.5	99.0	
1987	112.0	0.0	12.7	99.3	1.0	-1.0	99.3	
1988	120.9	0.0	20.1	100.7	2.4	-3.3	101.6	
1989	128.3	0.0	25.5	102.8	7.2	-1.4	97.0	
1990	131.4	0.0	19.1	112.3	10.8	1.2	100.3	
1991	146.4	0.0	16.7	129.7	18.0	-0.9	112.6	
1992	172.7	16.2	15.0	141.4	24.5	-1.5	118.4	
1993	189.2	22.7	20.1	146.4	26.9	0.0	119.5	
1994	183.2	17.7	20.8	144.6	23.7	0.6	120.4	
1995	193.3	38.9	20.0	134.4	13.7	-0.3	121.1	
1996	227.8	46.2	23.8	157.8	39.2	-0.5	119.2	
1997	260.7	61.2	17.4	182.1	63.0	0.1	119.0	
1998	235.0	40.2	12.9	181.9	73.6	0.2	108.1	
1999	235.9	31.0	14.1	190.9	88.0	-0.3	103.2	
2000	240.7	28.0	17.5	195.1	81.0	0.4	113.8	
2001	251.3	14.3	18.3	218.8	84.5	3.2	131.0	
2000	Jul	22.1	0.7	1.6	19.8	4.4	1.5	13.9
	Aug	22.2	1.0	1.8	19.3	4.9	-0.7	15.1
	Sep	21.7	2.7	1.5	17.4	8.1	-0.4	9.7
	Oct	20.4	2.0	1.6	16.8	6.5	0.3	10.1
	Nov	19.0	0.9	1.2	16.8	9.3	-0.3	7.8
	Dec	19.2	1.7	1.3	16.1	8.1	-0.5	8.5
2001	Jan	17.2	0.7	1.3	15.2	8.5	0.0	6.7
	Feb	18.4	2.0	1.2	15.2	6.2	0.3	8.7
	Mar	19.9	3.2	1.4	15.3	6.8	0.6	7.9
	Apr	21.9	2.2	1.0	18.7	8.1	-0.7	11.3
	May	23.8	2.2	1.7	20.0	9.4	-0.8	11.3
	Jun	24.0	0.1	1.9	22.0	4.8	0.4	16.9
	Jul	25.2	0.6	1.7	22.9	6.7	0.3	15.9
	Aug	24.3	0.8	1.5	22.0	6.4	0.4	15.3
	Sep	21.9	1.7	1.7	18.5	5.6	1.9	11.0
	Oct	22.0	0.7	1.4	19.8	10.9	-0.5	9.4
	Nov	16.3	0.2	1.6	14.6	7.4	-0.4	7.6
	Dec	16.4	0.0	1.8	14.6	3.8	1.8	8.9
2002	Jan	16.2	0.1	1.3	14.8	6.8	-0.2	8.2
	Feb	14.1	0.4	1.7	12.1	4.0	0.6	7.5
	Mar	19.3	0.8	2.0	16.5	5.6	1.5	9.4
	Apr	21.3	0.4	1.4	19.4	9.7	-0.1	9.8
	May	23.5	0.9	1.7	20.9	7.5	1.6	11.8
	Jun	22.4	0.7	1.6	20.1	4.1	0.6	15.3
	Jul	22.7	0.4	1.6	20.8	4.8	0.4	15.7
	Aug	23.4	2.1	1.7	19.6	3.0	0.6	16.0
	Sep	21.9	1.5	1.5	18.9	8.0	0.2	10.6
Year Ended	Sep 2001	255.2	17.9	17.6	219.6	86.2	1.9	131.5
	Sep 2002	239.5	8.2	19.3	212.1	75.6	6.1	130.3

D.16 Oil Import Bill

Chart D.16a: Oil Import Bill (Nominal)

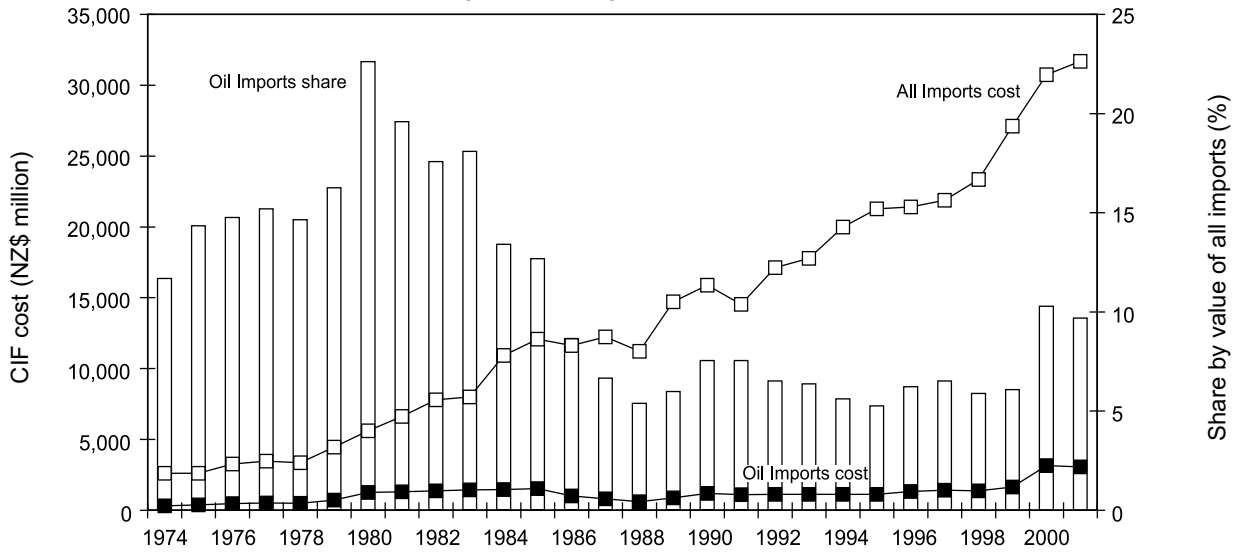


Chart D.16b: Oil Import Bill (Real)

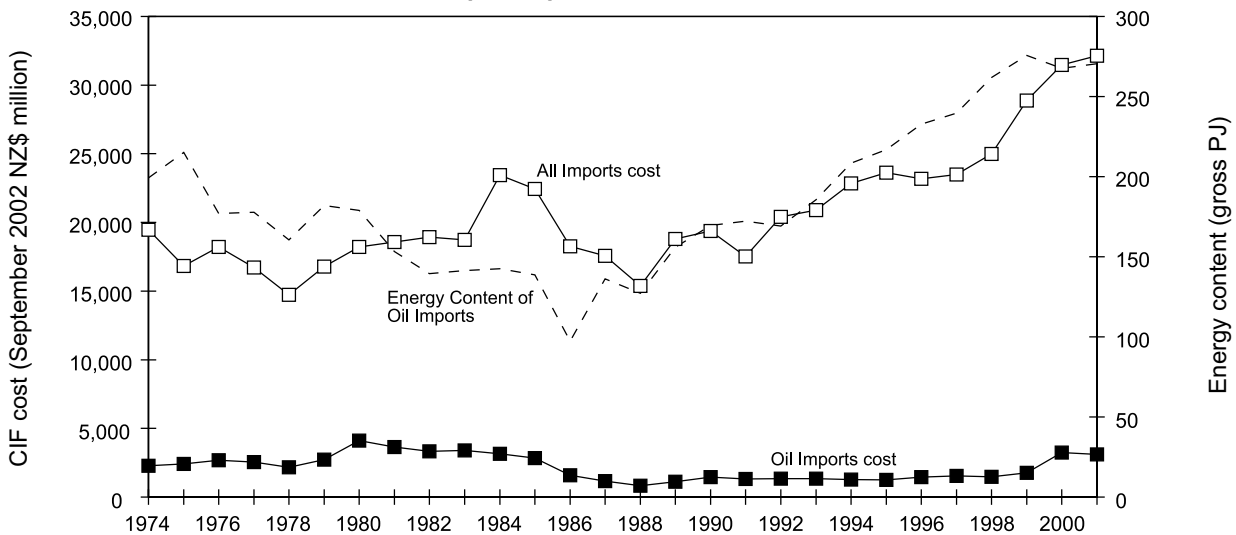
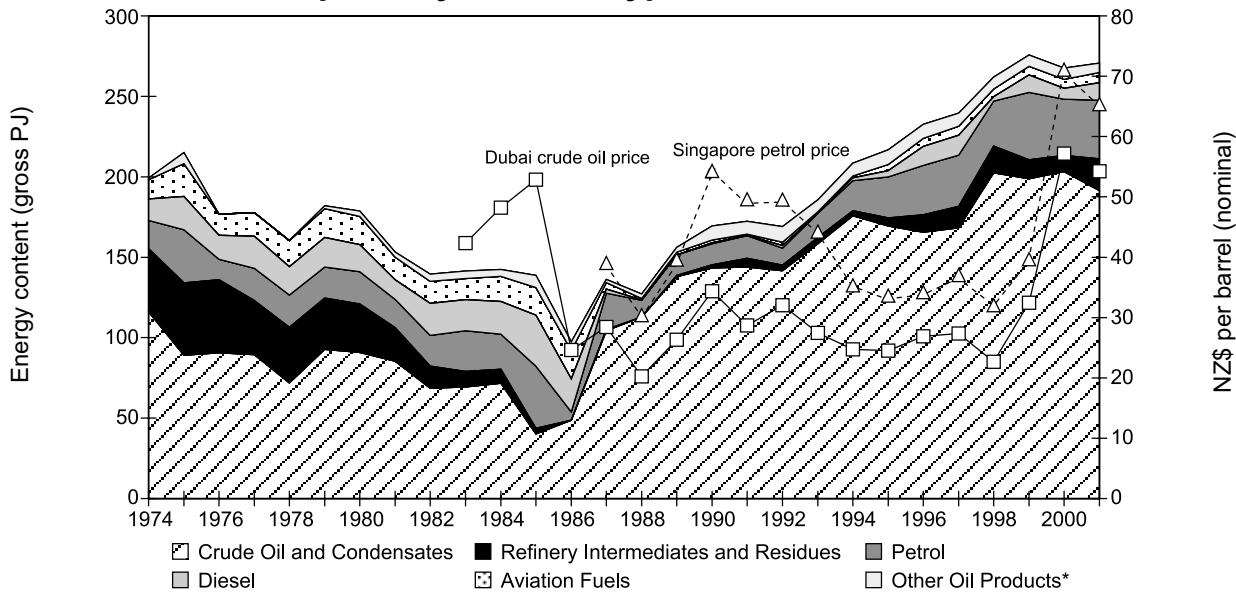


Chart D.16c: Oil Imports by Product Type and International Prices



* Includes fuel oil, bitumen, lubes, solvents, waxes, petroleum coke, white spirit and other liquid fuels.

Table D.16: Oil Import Bill (Quantity and Cost)

Calendar Year or Quarter	<i>Oil Imports</i>		<i>Nominal Cost</i>		<i>Real Cost</i>		Oil Imports as Percentage of All Imports	
			Oil Imports	All Imports	Oil Imports	All Imports		
	Million Tonnes	Gross PJ	CIF NZ\$ million		CIF NZ\$ million September 2002		%	
1974	4.34	199.27	306	2615	2310	19766	11.7	
1975	4.67	215.19	375	2613	2448	17074	14.3	
1976	3.84	176.98	483	3271	2729	18477	14.8	
1977	3.87	177.85	526	3464	2578	16969	15.2	
1978	3.48	160.56	492	3359	2190	14947	14.7	
1979	3.95	182.03	725	4460	2769	17028	16.3	
1980	3.88	178.85	1272	5622	4180	18484	22.6	
1981	3.32	153.29	1300	6636	3695	18855	19.6	
1982	3.02	139.53	1371	7800	3378	19224	17.6	
1983	3.06	141.38	1446	7992	3441	19012	18.1	
1984	3.08	142.46	1466	10939	3188	23787	13.4	
1985	3.00	138.79	1533	12075	2891	22781	12.7	
1986	2.12	97.29	1007	11622	1606	18544	8.7	
1987	2.97	136.18	816	12243	1188	17824	6.7	
1988	2.78	127.19	605	11217	841	15596	5.4	
1989	3.41	156.00	881	14710	1143	19079	6.0	
1990	3.73	169.45	1201	15896	1485	19663	7.6	
1991	3.77	172.29	1098	14526	1344	17794	7.6	
1992	3.72	169.08	1116	17131	1350	20712	6.5	
1993	4.08	185.66	1134	17781	1352	21203	6.4	
1994	4.59	208.41	1121	19981	1301	23177	5.6	
1995	4.77	216.85	1121	21270	1263	23973	5.3	
1996	5.12	232.77	1335	21400	1467	23519	6.2	
1997	5.26	239.72	1426	21874	1555	23842	6.5	
1998	5.74	261.93	1376	23349	1494	25357	5.9	
1999	6.04	275.76	1649	27114	1782	29297	6.1	
2000	5.87	267.62	3162	30736	3286	31940	10.3	
2001	5.92	270.61	3068	31682	3132	32336	9.7	
2000	Mar	1.41	64.4	652	6483	700	6957	10.1
	Jun	1.48	67.3	698	7216	744	7690	9.7
	Sep	1.57	71.6	901	8213	947	8634	11.0
	Dec	1.41	64.3	911	8823	947	9169	10.3
2001	Mar	1.51	68.7	859	7211	894	7508	11.9
	Jun	1.48	67.5	815	7679	841	7927	10.6
	Sep	1.62	73.9	820	8205	842	8422	10.0
	Dec	1.33	60.5	574	8587	586	8764	6.7
2002	Mar	1.58	72.1	684	7358	694	7468	9.3
	Jun	1.63	74.5	742	7662	745	7697	9.7
	Sep	1.54	69.9	820	8558	820	8558	9.6

Table D.16 shows New Zealand's Oil Imports and All Imports in nominal and real terms and Oil Imports as a percentage of all imports, for the period 1974 to 2001.

Chart D.16a shows that, in nominal terms, the total value of New Zealand's Oil Imports for the year to December 2001 fell by 3.0% to NZ\$3,068 million, while the total value of All Imports increased by 3.1% to NZ\$31,682 million compared to 2000. Oil Imports decreased its share of All Imports from 11.7% in 1974 to 9.7% in 2001, but was only 6.1% in 1999.

Chart D.16b shows that in real terms the total cost of New Zealand's Oil Imports fell from 1990 to 1995,

rose 23% from 1995 to 1997, fell 3.9% from 1997 to 1998, rose 84% from 1999 to 2000 but fell by 4.7% to NZ\$3,132 million from 2000 to 2001. In contrast, New Zealand's real cost of All Imports has been rising steadily since 1991, and the energy content of Oil Imports has been rising from 1986 to 1999. New Zealand's real cost of All Imports and the energy content of Oil Imports increased by 1.2% and 1.1% respectively from 2000 to 2001. The 1990 to 1995 figures reflect declining nominal crude and oil product prices in international markets; however, from 1998 to 2000, nominal crude and oil product prices have increased significantly but fell from 2000 to 2001. Import demand has increased from 2000 to 2001, as shown by Chart D.16c.