



Central
Statistical
Office

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INTERNATIONAL ECONOMIC INDICATORS

INTRODUCTION

The series presented here are taken from the Organisation of Economic Co-operation and Development's (OECD) Main Economic Indicators, except for the United Kingdom where several of the series are those most recently published. The series shown are for each of the G7 economies (United Kingdom, Germany, France, Italy, United States, Japan and Canada) and for the European Communities (EC) and OECD countries in aggregate. The data are those available at 19 October 1993.

2. The length and periodicity of the series have been chosen to show their movement over a number of years as well as the recent past. There is no attempt here to make cross country comparisons across cycles. Further, because the length and timing of these cycles varies across countries, comparisons of indicators over the same period should be treated with caution.

COMMENTARY

3. Gross Domestic Product (GDP) at constant market prices continued to grow in both the United Kingdom and the United States, in 1993 Q2.

The behaviour of GDP in continental Europe strengthened in the latest quarter. In Germany, GDP rose by 0.6 per cent between 1993 Q1 and 1993 Q2, following the fall of 1.6 per cent in the previous quarter. Between 1993 Q1 and 1993 Q2, GDP was unchanged in France, following falls since 1992 Q3. In Japan however, there was a 0.5 per cent fall in GDP between the first two quarters of this year.

4. Annual consumer price inflation increased in the United Kingdom, from 1.2 per cent in June to 1.8 per cent in September. Similarly, in France the rate has risen steadily from 1.9 per cent in June to 2.3 per cent in September. German and Italian rates remained higher but both fell in September to 4.0 per cent and 4.2 per cent respectively.

5. The standardised unemployment rate in the United States continued its fall from levels of one year ago to 6.7 per cent in August. In the United Kingdom the rate remained at 10.4 per cent; down from levels of the beginning of the year. It is now below the EC average of 10.7 per cent. The unemployment rate in France was unchanged at 11.7 per cent while in Germany the rate rose to 5.9 per cent. Rates for these countries are more than 1 percentage point above levels of one year earlier.

1 Gross domestic product at constant market prices: index numbers

1985 = 100

	United Kingdom ¹	Germany ²	France	Italy	EC	United States	Japan ³	Canada	Major 7	OECD
1980	FNAO 90.5	GABI 94.3	GABH 92.7	GABJ 93.3	GAEK 93.0	GAEH 88.2	GAEI 82.9	GAEG 86.7	GAEO 88.8	GAEJ 88.9
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	104.4	102.3	102.5	102.9	102.8	102.9	102.6	103.3	102.9	102.9
1987	109.3	103.7	104.8	106.1	105.8	106.1	107.1	107.6	106.2	106.3
1988	114.8	107.5	109.5	110.5	110.1	110.3	113.8	113.0	110.9	110.9
1989	117.9	111.4	114.2	113.7	114.0	113.0	119.3	115.7	114.4	114.5
1990	117.8	118.0	117.1	116.1	117.5	114.4	125.0	115.6	117.1	117.4
1991	115.2	123.4	117.9	117.6	119.3	113.6	130.0	113.6	118.0	118.3
1992	114.6	124.9	119.6	118.7	120.1	116.5	132.0	114.4	120.0	120.2
1990 Q1	118.5	115.7	116.6	115.7	116.6	114.5	122.6	116.4	116.5	116.7
Q2	119.1	116.7	117.0	115.6	117.2	114.9	124.6	116.0	117.2	117.4
Q3	117.8	119.1	117.5	116.9	118.0	114.6	125.9	115.5	117.5	117.8
Q4	116.7	120.4	117.3	116.4	118.2	113.7	127.1	114.3	117.2	117.6
1991 Q1	115.8	122.7	117.1	117.0	118.7	113.0	129.1	112.5	117.4	117.7
Q2	115.2	123.9	117.6	117.4	119.3	113.5	129.9	113.7	117.9	118.2
Q3	115.1	123.4	118.4	117.7	119.5	113.9	130.5	114.0	118.2	118.5
Q4	115.3	123.7	118.6	118.3	119.8	114.0	131.1	114.2	118.5	118.8
1992 Q1	114.3	125.4	119.6	119.0	120.3	115.0	132.5	114.2	119.5	119.7
Q2	114.5	125.4	119.6	119.0	120.2	115.8	132.5	114.2	119.8	120.0
Q3	114.9	124.9	119.7	118.6	120.1	116.8	131.7	114.3	120.1	120.3
Q4	115.5	123.7	119.4	118.1	119.7	118.4	131.7	115.0	120.8	120.9
1993 Q1	116.1	121.7	118.5	118.0	..	118.7	132.4	116.0	120.8	..
Q2	116.7	122.4	118.5	..	..	119.2	131.8	117.0	..	..
Percentage change, latest quarter on corresponding quarter of previous year										
1993 Q1	1.1	-3.0	-0.9	-0.8	..	3.2	-0.1	1.6	1.1	..
Q2	1.7	-2.4	-0.9	..	..	2.9	-0.5	2.5	..	..
Percentage change, latest quarter on previous quarter										
1993 Q1	0.5	-1.6	-0.8	-0.1	..	0.3	0.5	0.9	0.0	..
Q2	0.5	0.6	0.0	..	..	0.4	-0.5	0.9	..	..

1 Estimates due to rebasing to 1990

2 Western Germany (Federal Republic of Germany before unification)

3 GNP

2 Consumer prices¹ Percentage change on year earlier

	United Kingdom	Germany ²	France	Italy	EC	United States	Japan	Canada	Major 7	OECD
1980	18.0	5.5	13.6	21.0	13.7	13.5	8.0	10.1	12.7	13.7
1985	6.1	2.2	5.8	8.6	6.2	3.5	2.0	4.0	4.0	4.8
1986	3.4	-0.1	2.7	6.1	3.7	1.9	0.4	4.2	2.1	3.0
1987	4.2	0.2	3.1	4.6	3.4	3.6	-0.2	4.3	2.9	3.6
1988	4.9	1.3	2.6	5.0	3.6	4.1	0.5	4.0	3.3	4.3
1989	7.8	2.8	3.7	6.6	5.2	4.8	2.3	5.0	4.6	5.4
1990	9.5	2.7	3.4	6.0	5.6	5.5	3.1	4.8	5.0	5.8
1991	5.9	3.5	3.2	6.5	5.0	4.2	3.3	5.6	4.3	5.2
1992	3.7	4.0	2.4	5.3	4.3	3.0	1.6	1.5	3.1	4.1
1992 Q3	3.6	3.4	2.1	5.3	4.1	3.1	1.6	1.3	3.0	3.9
Q4	3.0	3.6	1.9	4.6	3.8	3.0	0.7	1.7	2.8	3.7
1993 Q1	1.8	4.3	2.1	4.3	3.5	3.2	1.2	2.0	2.8	3.7
Q2	1.3	4.2	1.9	4.1	3.3	3.2	0.7	1.7	2.7	3.8
Q3	1.7	4.2	..	4.3	..	..	..	..	..	..
1992 Sep	3.6	3.6	2.1	5.1	4.0	3.1	2.0	1.3	3.0	3.9
Oct	3.8	3.7	2.0	4.8	3.9	3.2	0.9	1.6	2.9	3.8
Nov	3.0	3.7	1.6	4.7	3.8	3.0	0.4	1.7	2.7	3.7
Dec	2.6	3.7	1.9	4.7	3.6	2.9	0.9	2.1	2.7	3.6
1993 Jan	1.7	4.4	2.1	4.2	3.5	3.3	1.1	2.1	2.9	3.8
Feb	1.8	4.2	2.0	4.4	3.4	3.3	1.3	2.3	2.9	3.8
Mar	1.9	4.2	2.2	4.2	3.4	3.1	1.3	1.9	2.8	3.7
Apr	1.3	4.3	2.0	4.2	3.3	3.2	0.6	1.8	2.7	3.8
May	1.3	4.2	2.0	4.0	3.3	3.2	0.7	1.8	2.7	3.8
Jun	1.2	4.2	1.9	4.1	3.2	3.0	0.9	1.6	2.6	3.8
Jul	1.4	4.3	2.1	4.4	3.5	2.8	1.9	1.6	2.7	4.0
Aug	1.7	4.2	2.2	4.5	3.4	2.8	1.8	1.7	2.7	4.0
Sep	1.8	4.0	2.3	4.2	..	2.7	..	..	..	..

1 Components and coverage not uniform across countries

2 Western Germany (Federal Republic of Germany before unification)

3 Standardised unemployment rates: percentage of total labour force¹

	United Kingdom	Germany ²	France	Italy	EC ³	United States	Japan	Canada	Major 7	OECD
	GABF	GABD	GABC	GABE	GADR	GADO	GADP	GADN	GAEQ	GADQ
1980	6.4	2.9	6.2	7.5	6.4	7.0	2.0	7.4	5.5	5.8
1985	11.2	7.1	10.2	9.6	10.8	7.1	2.6	10.4	7.2	7.8
1986	11.2	6.4	10.4	10.5	10.8	6.9	2.8	9.5	7.1	7.7
1987	10.3	6.2	10.5	10.9	10.6	6.1	2.8	8.8	6.7	7.3
1988	8.6	6.2	10.0	11.0	9.9	5.4	2.5	7.7	6.1	6.7
1989	7.2	5.6	9.4	10.9	9.0	5.2	2.3	7.5	5.7	6.2
1990	6.8	4.8	8.9	10.3	8.4	5.4	2.1	8.1	5.6	6.1
1991	8.7	4.2	9.4	9.9	8.6	6.6	2.1	10.2	6.3	6.8
1992	9.9	4.6	10.3	10.5	9.5	7.3	2.2	11.2	6.9	7.5
1992 Q2	9.7	4.5	10.2	10.0	9.2	7.4	2.1	11.2	6.8	7.4
Q3	10.1	4.6	10.4	10.1	9.5	7.4	2.2	11.5	6.9	7.5
Q4	10.4	4.9	10.7	9.3	9.7	7.2	2.3	11.5	6.9	7.6
1993 Q1	10.6	5.3	11.0	9.1	10.1	6.9	2.3	10.9	6.8	7.6
Q2	10.4	5.6	11.4	10.5	10.6	6.9	2.4	11.3	7.0	7.9
1992 Sep	10.2	4.7	10.5	-	9.5	7.4	2.2	11.3	6.9	7.5
Ocl	10.2	4.8	10.6	9.3	9.6	7.3	2.3	11.3	6.9	7.5
Nov	10.4	4.9	10.7	-	9.7	7.2	2.3	11.7	6.9	7.6
Dec	10.6	5.0	10.9	-	9.9	7.2	2.4	11.4	6.9	7.6
1993 Jan	10.7	5.2	10.9	9.1	10.0	7.0	2.3	11.0	6.8	7.6
Feb	10.6	5.3	11.0	-	10.2	6.9	2.3	10.8	6.8	7.7
Mar	10.5	5.5	11.2	-	10.4	6.9	2.3	11.0	6.9	7.7
Apr	10.5	5.6	11.4	10.5	10.6	6.9	2.3	11.3	7.0	7.8
May	10.4	5.6	11.5	-	10.6	6.8	2.5	11.3	7.0	7.8
Jun	10.4	5.7	11.6	-	10.6	6.9	2.5	11.3	7.0	7.9
Jul	10.4	5.8	11.7	10.2	10.7	6.8	2.5	11.5	7.0	7.9
Aug	10.4	5.9	11.7	..	10.7	6.7	2.5	11.3	6.9	7.9
Sep	..	..	..	..	..	..	..	..	..	..

1 Uses an ILO based measure of those without work, currently available for work, actively seeking work or willing to start a job already obtained

2 Western Germany (Federal Republic of Germany before unification)

3 Excludes Denmark, Greece and Luxembourg

4 Balance of payments current account as percentage of GDP

	United Kingdom	Germany ^{1,2}	France	Italy	United States ¹	Japan ¹	Canada
1980	1.2	-1.7	-0.6	-2.3	0.1	-1.0	-0.6
1985	0.8	2.7	-0.1	-0.9	-2.9	3.6	-0.6
1986	-	4.5	0.3	0.4	-3.5	4.3	-2.3
1987	-1.1	4.1	-0.6	-0.2	-3.6	3.6	-2.1
1988	-3.4	4.2	-0.5	-0.7	-2.6	2.7	-2.6
1989	-4.2	4.9	-0.5	-1.2	-1.9	2.0	-3.6
1990	-3.1	3.1	-0.8	-1.3	-1.6	1.2	-3.9
1991	-1.1	-1.3	-0.5	-1.9	-0.1	2.1	-4.3
1992	-1.9	-1.4	0.3	-2.2	-1.1	3.2	-4.0
1992 Q2	-2.0	-0.4	0.2	-0.5	-1.2	3.2	-3.9
Q3	-1.5	-0.5	-	-0.5	-1.2	3.2	-3.1
Q4	-2.6	-0.3	0.2	-0.4	-1.5	3.4	-3.3
1993 Q1	-2.0	-0.3	..	-0.3	-1.4	3.7	-4.5
Q2	-1.7	-0.2	..	..	-1.7	2.9	-3.3

1 Balance as percentage of GNP

2 Western Germany (Federal Republic of Germany before unification)

5 Total industrial production: index numbers

1985 = 100

	United Kingdom ¹	Germany ²	France	Italy	EC	United States	Japan ³	Canada ⁴	Major 7	OECD ⁵
1980	92.6	97.3	101.9	103.6	97.2	89.1	84.4	86.2	91.0	91.1
1985	100.0	100.3	100.0	100.0	100.1	100.0	100.0	100.0	100.0	100.0
1986	102.4	102.3	100.9	103.6	102.3	100.9	99.8	99.3	101.1	101.2
1987	106.5	102.6	102.8	107.6	104.7	106.0	103.3	104.1	104.9	104.9
1988	111.6	106.3	107.7	114.1	109.0	110.7	113.7	109.6	110.7	110.7
1989	114.0	111.4	112.1	117.6	113.1	112.4	120.3	109.5	113.8	114.6
1990	113.6	117.2	114.2	117.6	115.2	112.4	125.4	106.0	115.4	116.7
1991	109.1	120.7	114.1	115.4	115.1	110.3	127.8	102.2	114.8	116.1
1992	108.6	118.4	113.0	114.8	..	112.9	120.4	102.6	114.2	..
1992 Q2	108.2	120.1	113.8	115.5	114.7	112.6	120.7	102.0	114.3	114.5
Q3	109.4	118.5	113.7	112.8	113.8	112.9	120.3	102.6	114.0	114.3
Q4	109.9	112.9	110.6	112.0	111.5	114.7	117.2	104.1	113.5	113.5
1993 Q1	110.2	109.5	108.5	113.3	110.3	116.3	117.8	106.0	114.0	113.8
Q2	111.2	109.5	..	109.9	109.5	116.9	115.9	106.7	113.7	113.5
1992 Aug	109.6	118.3	113.8	110.7	113.1	112.9	117.6	103.0	113.4	113.7
Sep	110.1	118.4	114.1	111.4	113.5	112.5	122.1	103.3	114.2	114.4
Oct	111.0	115.5	114.7	113.7	113.7	113.9	118.3	103.5	114.0	114.2
Nov	109.8	113.2	109.6	114.6	111.8	114.8	116.8	104.1	113.6	113.6
Dec	109.0	110.1	108.0	107.6	108.9	115.4	116.3	104.6	112.8	112.7
1993 Jan	109.8	109.8	108.2	113.4	109.4	115.8	115.9	104.9	113.3	113.0
Feb	111.3	108.4	110.9	114.1	110.7	116.4	117.2	105.9	114.1	114.0
Mar	109.8	110.4	109.8	112.4	110.6	116.6	120.3	107.2	114.8	114.6
Apr	110.4	109.0	109.3	107.6	108.7	116.9	117.1	106.4	113.7	113.4
May	112.1	109.9	109.4	112.3	110.5	116.7	114.3	106.1	113.6	113.6
Jun	110.9	109.6	109.2	109.7	109.4	116.9	116.2	107.5	113.9	113.6
Jul	111.9	108.8	..	111.4	..	117.5	116.0	106.1	113.9	114.1
Aug	112.1	111.0	..	..	..	117.7	114.6	..	..	..

Percentage change: average of latest three months on that of corresponding period of previous year

1993 Jul	3.3	-8.4	..	-4.7	..	3.8	-4.1	4.8	-0.5	-0.7
Aug	2.6	-7.5	..	..	..	4.1	-3.7	..	..	..

Percentage change: average of latest three months on previous three months

1993 Jul	1.0	0.2	..	-0.2	..	0.3	-2.3	0.1	-0.4	-0.2
Aug	0.8	0.0	..	..	..	0.5	-1.4	..	..	..

1 Estimates due to rebasing to 1990

2 Western Germany (Federal Republic of Germany before unification)

3 Not adjusted for unequal number of working days in a month

4 GDP in industry at factor cost and 1986 prices

5 Some countries excluded from area total

6 Producer prices (manufacturing) Percentage change on a year earlier

	United Kingdom	Germany ¹	France ²	Italy	EC	United States	Japan	Canada	Major 7	OECD
1980	12.8	7.1	9.2	..	..	13.5	14.8	13.3	..	..
1985	5.3	1.9	4.4	7.8	5.0	0.9	-0.8	2.8	1.9	3.0
1986	4.2	-2.4	-2.8	0.2	-0.8	-1.4	-4.7	0.9	-1.5	-1.1
1987	3.7	-0.4	0.6	3.0	1.3	2.1	-2.9	2.8	1.1	1.5
1988	4.3	1.6	5.1	3.5	3.5	2.5	-0.2	4.4	2.5	3.5
1989	4.7	3.4	5.4	5.9	5.1	5.1	2.1	1.9	4.4	5.4
1990	5.8	1.5	-1.1	4.2	2.3	5.0	1.8	0.3	3.4	3.9
1991	5.4	2.0	-1.3	3.3	2.3	2.1	1.0	-1.1	2.0	2.6
1992	3.5	1.6	-1.6	1.9	1.0	1.2	-0.8	0.5	0.6	1.7
1992 Q3	3.3	1.4	-0.9	1.9	1.0	1.5	-0.8	1.6	0.9	1.9
Q4	3.2	1.0	-1.5	2.3	1.0	1.5	-1.1	3.2	0.8	2.0
1993 Q1	3.2	0.7	-2.3	3.1	1.1	2.0	-1.1	4.0	1.2	2.5
Q2	3.7	0.0	-3.3	3.9	0.9	2.0	-1.5	3.2	1.1	2.6
Q3	3.9	..	..	..	..	..	..	..	..	..
1992 Sep	3.2	1.2	..	1.9	1.0	1.6	-0.9	2.2	0.8	2.0
Oct	3.1	1.0	..	2.0	0.8	1.7	-1.1	3.0	0.9	2.1
Nov	3.2	1.0	..	2.2	0.9	1.4	-1.1	3.2	0.8	2.0
Dec	3.3	1.0	..	2.5	1.0	1.5	-1.2	3.6	0.9	2.1
1993 Jan	3.3	1.0	..	2.8	1.2	2.0	-1.1	4.4	1.3	2.5
Feb	3.2	0.7	..	2.9	1.1	2.0	-1.0	3.8	1.2	2.5
Mar	3.2	0.6	..	3.5	1.2	2.0	-1.2	3.8	1.2	2.6
Apr	3.5	0.3	..	3.7	0.9	2.5	-1.3	3.9	1.4	2.8
May	3.7	-0.1	..	3.9	0.9	2.0	-1.5	3.2	1.1	2.6
Jun	3.8	-0.3	..	4.1	0.9	1.4	-1.5	2.9	0.8	2.4
Jul	4.0	-0.2	..	4.2	1.4	1.3	-1.7	2.8	0.8	2.7
Aug	3.9	-0.2	..	..	..	0.6	-1.8	3.3	0.5	2.4
Sep	3.9	..	..	..	..	..	..	..	..	..

1 Western Germany (Federal Republic of Germany before unification).

2 Producer prices in intermediate goods

7 Total employment: index numbers¹

1985 = 100

	United Kingdom ²	Germany ^{3,4}	France ⁴	Italy	EC	United States ⁴	Japan	Canada ⁴	Major 7	OECD
1980	DMBC 103.6	GAAR 102	GAAU 101.1	GAAS 100	GADW ..	GADT 93	GADU 95	GADS 95	GAEU ..	GADV ..
1985	100.0	100	100.0	100	100	100	100	100	100	100
1986	100.2	101	100.5	101	101	102	101	103	101	101
1987	102.0	102	100.9	100	102	105	102	106	103	103
1988	105.2	103	102.0	102	104	107	104	109	105	105
1989	107.8	104	103.5	101	106	109	106	111	107	107
1990	108.6	107	104.6	103	107	110	108	112	108	109
1991	105.5	109	104.8	104	108	109	110	110	108	108
1992	102.7	110	104.3	103	106	110	111	109	108	108
1992 Q1	104.3	109	104.3	103	106	108	109	106	107	107
Q2	103.9	110	104.7	105	107	110	112	109	109	109
Q3	102.6	110	104.7	104	106	111	112	112	109	109
Q4	101.6	110	103.4	102	105	110	111	109	108	108
1993 Q1	101.3	108	103.2	100	104	109	109	107	107	107
Q2	101.4	108	103.5	98	104	111	112	111	108	108
1993 Apr	..	108	-	98	104	110	111	108	108	107
May	..	108	-	-	104	111	112	111	109	108
Jun	..	108	103.5	-	104	113	113	114	109	109
Jul	..	107	..	99	103	113	112	114	109	109
Aug	..	..	..	..	..	113	112	114	..	..

Percentage change, latest quarter on that of corresponding period of previous year

1993 Q1	-2.9	-0.9	-1.1	-2.9	-1.9	0.9	0.0	0.9	0.0	0.0
Q2	-2.4	-1.8	-1.1	-6.7	-2.8	0.9	0.0	1.8	-0.9	-0.9

Percentage change latest quarter on previous quarter

1993 Q1	-0.3	-1.8	-0.2	-2.0	-1.0	-0.9	-1.8	-1.8	-0.9	-0.9
Q2	0.1	0.0	0.3	-2.0	0.0	1.8	2.8	3.7	0.9	0.9

1 Not seasonally adjusted except for the United Kingdom

2 Estimates due to rebasing to 1990

8 Average wage earnings in manufacturing¹ Percentage change on a year earlier

	United Kingdom ²	Germany ³	France	Italy	EC	United States	Japan	Canada	Major 7	OECD
1980	17.8	6.5	15.2	18.7	10.3	8.6	7.5	10.9	9.0	9.1
1985	9.1	4.2	5.7	11.2	7.5	4.2	3.1	4.2	5.3	5.3
1986	7.7	4.0	3.9	4.8	5.0	2.0	1.4	3.0	3.0	4.0
1987	8.0	3.8	3.2	6.5	5.7	2.0	1.7	2.9	2.9	2.9
1988	8.5	4.6	3.1	6.1	5.4	2.9	4.6	3.8	4.7	4.7
1989	8.7	3.5	3.8	6.1	6.0	2.8	5.8	5.5	4.5	5.4
1990	9.4	5.1	4.5	7.2	7.3	3.6	5.4	5.2	5.2	5.9
1991	8.2	5.7	4.3	9.8	7.5	2.6	3.5	4.9	4.9	4.8
1992	6.6	6.2	3.6	5.4	6.3	2.6	1.0	3.9	3.9	3.8
1992 Q2	6.0	3.0	3.8	6.0	6.4	2.6	2.0	3.9	4.0	4.7
Q3	6.1	6.0	3.5	3.8	4.8	1.7	0.7	3.1	3.1	3.8
Q4	5.7	5.2	3.6	2.9	4.7	1.7	-0.1	3.1	2.2	3.6
1993 Q1	4.7	..	3.4	2.8	4.7	2.5	-0.5	3.0	2.4	3.1
Q2	4.9	..	2.6	3.1	..	2.5	0.7	2.3	2.3	3.0
1992 Sep	5.7	..	..	3.7	4.8	2.5	1.1	3.1	3.3	4.0
Oct	6.2	5.2	3.6	4.1	5.4	2.5	1.2	3.9	3.3	3.9
Nov	5.6	..	..	2.1	4.7	1.7	1.2	3.1	3.2	3.1
Dec	5.4	..	..	2.4	5.4	2.5	-1.0	3.8	1.8	2.4
1993 Jan	5.0	..	3.4	2.8	4.8	3.4	-3.6	3.8	2.4	2.3
Feb	5.1	..	..	2.8	4.7	2.5	1.3	3.8	3.3	3.9
Mar	4.3	..	..	2.7	4.7	2.5	1.0	2.3	3.2	3.9
Apr	5.4	..	2.6	2.6	..	2.5	2.0	2.3	2.4	3.1
May	4.8	..	..	2.6	..	2.5	2.3	1.5	3.2	3.1
Jun	4.6	..	..	4.2	..	2.5	-0.9	2.3	2.1	2.8
Jul	4.9	..	..	4.1	..	2.5	-1.2	3.1	..	..
Aug	..	..	..	..	..	2.5	..	..	..	..
Sep	..	..	..	..	..	..	..	..	..	..

1 Definitions of coverage and treatment vary among countries

2 Figures for Great Britain refer to weekly earnings; others are hourly

3 Western Germany (Federal Republic of Germany before unification)

9 Retail Sales (volume): index numbers

	United Kingdom ²	Germany ¹	France	Italy	EC	United States	Japan	Canada	Major 7	OECD
1980	FAAM 86.4	GADD 103.0	GADC 101.0	GADE 83.1	GADH 94.6	GADA 84.0	GADB 103.2	GACZ 83.6	GAEW 89.9	GADG 90.7
1985	100.0	100.0	100.0	100.0	99.9	100.0	99.9	100.0	100.0	100.0
1986	105.3	103.4	102.4	106.8	104.4	105.5	101.5	104.6	104.5	104.4
1987	110.6	107.5	104.5	112.0	108.6	108.3	107.1	110.3	108.3	108.1
1988	117.5	111.1	108.0	109.5	111.7	112.6	111.4	114.6	112.0	111.7
1989	119.9	114.1	109.5	117.1	116.1	115.6	115.8	114.5	115.4	115.2
1990	120.8	123.7	110.1	114.4	119.2	116.5	121.7	112.0	117.3	117.3
1991	119.4	130.7	109.7	111.2	120.2	114.2	124.2	100.4	116.3	116.5
1992	120.2	128.7	108.9	116.5	120.5	117.8	120.8	101.6	117.8	117.7
1993 Q1	123.4	123.0	108.9	115.5	118.7	120.6	117.7	103.8	118.6	117.9
Q2	123.9	121.4	110.1	..	116.9	122.5	115.2	104.5	118.7	117.8
1992 Sep	121.5	128.7	109.8	115.8	121.3	118.4	119.6	102.5	118.1	118.1
Oct	121.8	127.4	110.7	119.0	121.0	120.6	117.8	103.3	119.2	118.8
Nov	121.7	128.7	105.2	122.1	120.4	120.4	117.0	102.9	118.8	118.2
Dec	120.8	133.3	109.6	116.4	121.1	121.8	117.5	103.1	119.8	119.2
1993 Jan	123.1	122.0	110.7	124.8	120.6	121.5	117.9	104.8	119.8	119.0
Feb	123.4	122.7	106.6	110.9	117.6	120.9	117.6	103.3	118.1	117.7
Mar	123.7	124.4	109.3	110.9	118.0	119.6	117.6	103.4	117.8	117.2
Apr	123.5	124.2	112.4	119.2	120.0	121.5	115.9	104.8	119.4	118.6
May	123.2	119.5	104.6	110.6	115.5	122.6	114.8	104.7	118.2	117.3
Jun	125.0	120.6	113.4	..	115.3	123.5	114.9	104.0	118.6	117.7
Jul	124.8	121.7	111.0	..	..	123.8	..	104.9	..	..
Aug	125.0	..	107.4	..	..	123.9	..	..	..	..
Sep	125.6	..	..	..	..	..	..	..	..	..
Percentage change average of latest three months on that of corresponding period of previous year										
1993 Aug	3.9	..	1.9	..	..	5.7	..	..	..	..
Sep	3.8	..	..	..	..	..	..	..	..	..
Percentage change average of latest three months on previous three months										
1993 Aug	1.2	..	1.7	..	..	2.1	..	..	..	..
Sep	1.0	..	..	..	..	..	..	..	..	..

1 Western Germany (Federal Republic of Germany before unification)

2 Estimates due to rebasing to 1990

Chart I: Gross domestic product

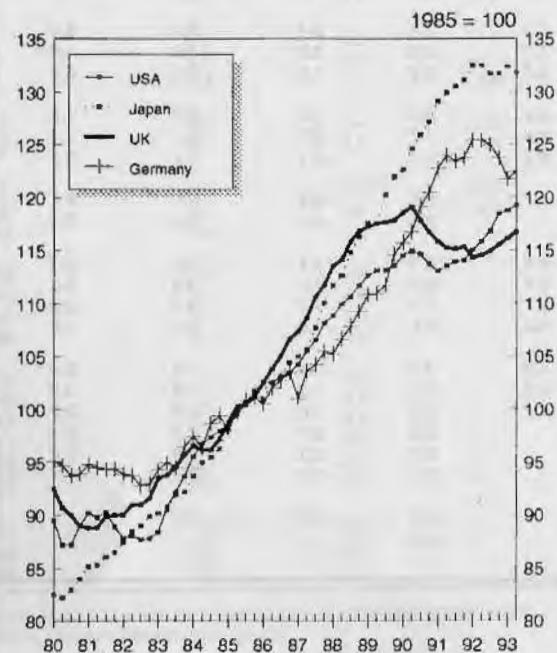


Chart II: Consumer price index

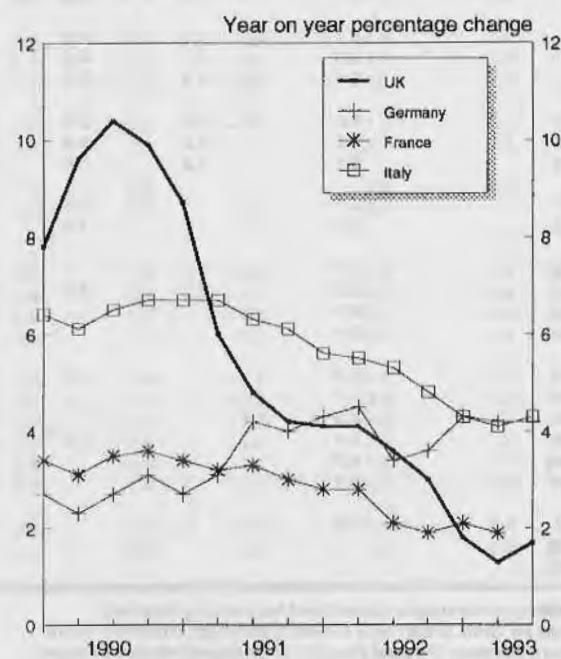
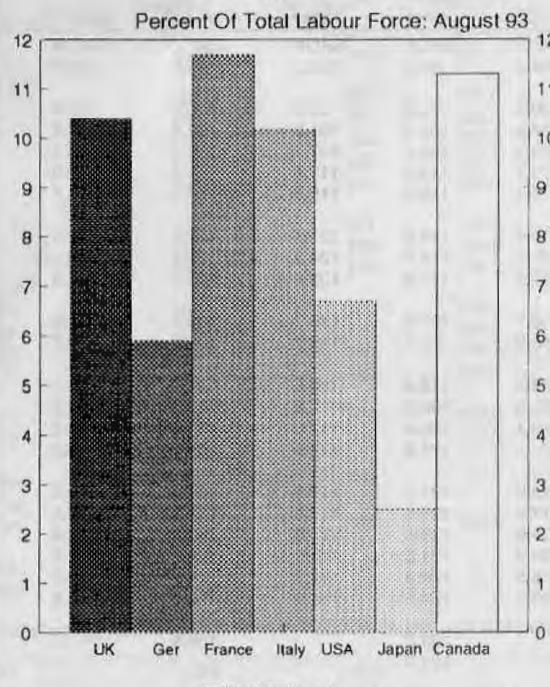


Chart III: Standardised unemployment



Italy refers to July

Chart IV: Current account balance - percentage of GDP at market prices

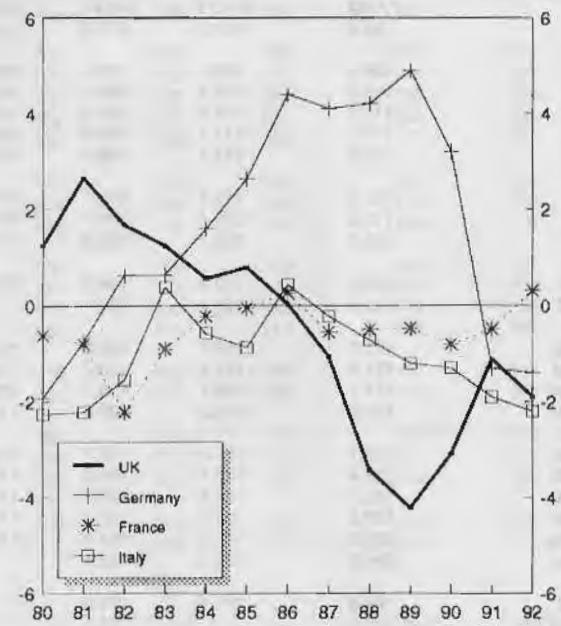


Chart V: Industrial production

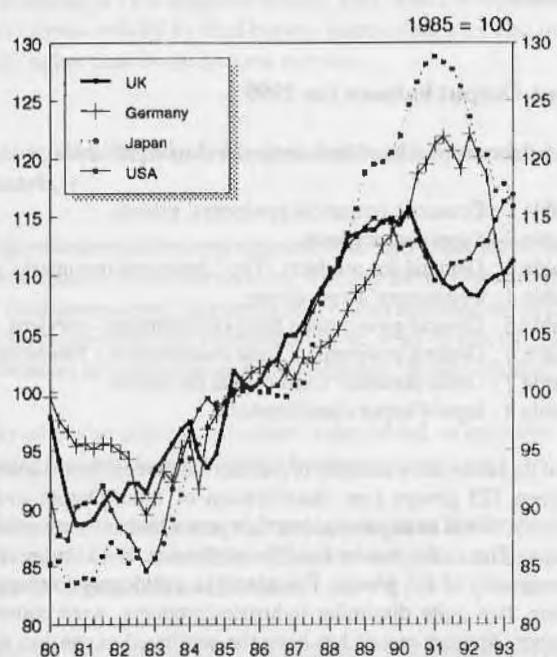


Chart VI: Producer price inflation

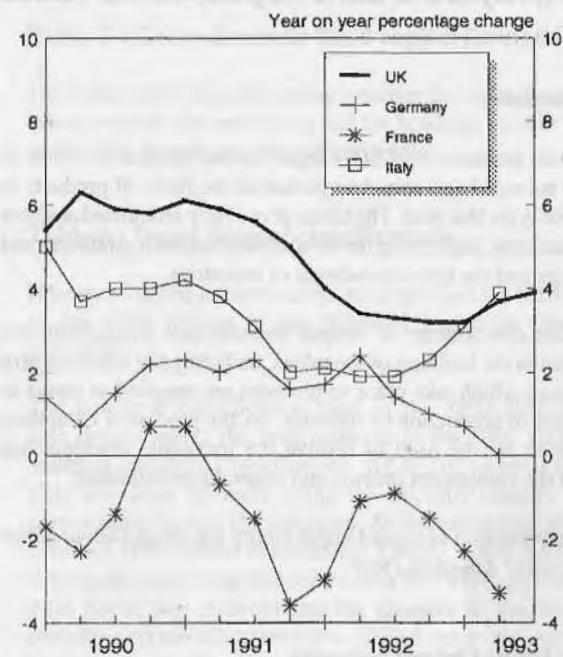


Chart VII: Employment

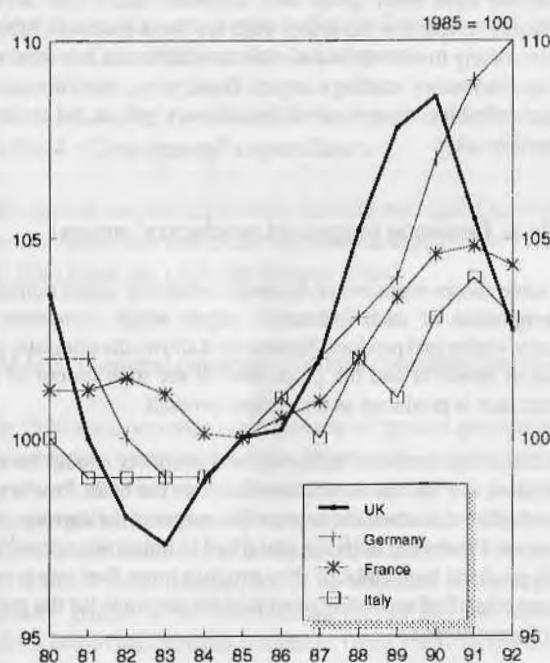
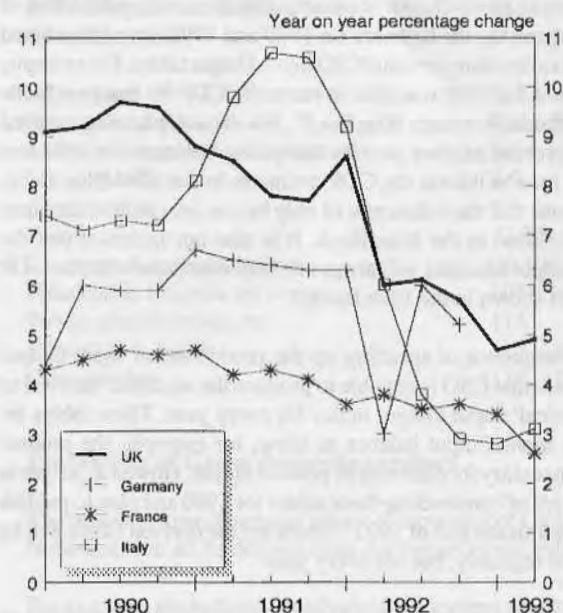


Chart VIII: Wage earnings (manufacturing)



INPUT-OUTPUT BALANCE FOR THE UNITED KINGDOM 1990

by Keith Hayes and David Hughes, Central Statistical Office

Introduction

This article presents the CSO's Input-Output balance for 1990. It shows a balanced and complete picture of the flows of products in the economy for that year. The tables give a fully articulated analysis of the economy, illustrating the relationship between producers and consumers and the interdependence of industries.

All of the components of output, income and expenditure are reconciled in the building of the tables, including the inter-industry transactions which take place as products are supplied as inputs to the process of production by industry. So, the process of compiling the balance can be used to resolve the inevitable discrepancies between the component income and expenditure estimates.

For an introduction to Input-Output theory see *Input-Output tables for the United Kingdom 1984*¹.

Role of Input-Output balances

The main aim of CSO's Input-Output work is to provide the detailed reconciliations of the components of Gross Domestic Product (GDP). To this end Input-Output balances are now produced annually, the first of which, in respect of 1989, appeared in the September 1992 issue of *Economic Trends*².

The value of Input-Output is enhanced by the timely production of the balances. So, the balances for 1989 and 1990 were constructed one year earlier than previous CSO Input-Output tables. For example, the balance for 1990 was used to reconcile GDP for that year in the 1993 National Accounts Blue Book³. We are now planning to speed up this process another year by compiling balances for 1991 and 1992 in time to inform the GDP estimates in the 1994 Blue Book. This means that the balances will only be one year behind the latest year published in the Blue Book. It is also our intention that the Input-Output balances will always be kept consistent with the GDP estimates shown in the Blue Book.

One consequence of speeding up the production of Input-Output balances is that CSO is not able to produce the so-called 'derived or symmetrical' Input-Output tables for every year. These tables recast the Input-Output balance to show, for example, the product inputs necessary for each unit of product output. However, we are in the process of constructing these tables for 1990 and plan to publish them towards the end of 1993. Thereafter the derived tables will be produced regularly, but not every year.

Another major role for Input-Output work is in the production of supply-side estimates of final demand. Input-Output analyses form the basis for the model which produces these estimates. The model has now been completely rewritten to take on board the results of the 1990 Input-Output balance. A description of the CSO's work on supply-side modelling was published in the December 1991 issue of *Economic Trends*⁴.

Input-Output balance for 1990

The balance is presented here in the form of eight tables:

- Table 1 : Domestic output (at producers' prices)
- Table 2 : Supply of products
- Table 3 : Demand for products (The 'combined use matrix')
- Table 4 : Consumers' expenditure
- Table 5 : General government final consumption - services
- Table 6 : General government final consumption - functions
- Table 7 : Gross domestic fixed capital formation
- Table 8 : Input-Output classifications

All of the tables show industry or product balance estimates analysed between 123 groups (see classification of Input-Output groups, Table 8). This is an expansion over last year which only covered 102 groups. The main reason for this expansion is to improve the homogeneity of the groups. For example, previously forestry and fishing, two quite dissimilar industries/products, were combined together. Another reason has been the continued expansion of the CSO's coverage of service industries.

The balance was made at purchasers' prices and these tables are all presented on this basis except for Table 1, which is shown at producers' prices. Producers' prices may be thought of as the prices of goods and services 'at the factory gate', after any taxes on production have been levied and subsidies taken into account. Purchasers' prices are the prices paid for these products, after the addition of any further taxes and after the addition of any other costs such as distributors' trading margins. Basic prices, used to construct the derived tables, are equivalent to producers' prices, but excluding production taxes.

Table 1: Domestic output (at producers' prices)

This table shows estimates of domestic industries' gross output and the proportion of each industry's output which comprises that industry's principal product. Separately it shows the domestic gross output of products and the proportion of the total output of each product that is produced as a principal product.

The distinction between industries and products should be made clear, since we use the same classifications for both. Products are defined as the characteristic or principal output of the corresponding industries. Producing units are classified to industries according to which products they make. If they produce more than one product, they are classified according to whichever accounts for the greatest part of their output.

Table 2 : Supply of products

This table shows the transition of the estimates of domestic gross output of products at producers' prices, from Table 1, to estimates of the total supply of products at purchasers' prices.

The steps needed are to add on :

- imports of goods and services,
- distributors' trading margins, and
- certain taxes on expenditure (see note below)

'Taxes on expenditure' covers those taxes which are not reflected in output at producers' prices. These may be thought of as the 'product specific taxes'. The largest of these is VAT, which is treated as being paid almost wholly by final buyers. Import duties are also included here rather than in the imports column.

Table 3 : Demand for products (The 'combined use matrix')

This table reveals the input structure of industry in terms of domestic and imported goods and services. It shows the product composition of final demand and, for each industry, their intermediate purchases. Product purchases are represented in the rows of this table and the purchases of industries, and final demands, in the columns.

The table also displays industries' value added, as industries' gross output less purchases and other business costs.

A change in the treatment of general government final consumption, discussed below under Table 5, has had a significant impact on the data for certain service industries.

Sales by final demand' (SBFD), needed for completeness, represents the sales and purchases of those goods which entered final demand prior to the period of the account. An example would be the sale of plant and machinery for scrap.

Taxes on expenditure less subsidies' excludes those 'product specific taxes' used to derive the total supply of products in Table 2. The two sets of figures for taxes less subsidies, in Tables 2 and 3, add up to the national accounts factor cost adjustment.

Table 4 : Consumers' expenditure

This table shows the relationship between the Input-Output product classifications (the row totals) and the headings used in Table 4.7 of the Blue Book for 1993 (the column totals).

Table 5 : General government final consumption - services

For 1990 we have made our treatment of general government final consumption more informative. Previously, general government purchases were shown as a separate column in final demand. Now they are split between the different 'service industries' of government, eg public administration and education, as shown in this table. This has enabled these transactions to be allocated to the appropriate industry groups in the intermediate part of the Use matrix. The entries in the final demand column in Table 3 now record the output of each of these services as if it was being purchased by government. An exception to this approach is SBFD which, instead of being allocated across the services, is still shown as a single entry in the final demand column.

Table 6 : General government final consumption - functions

We have included this table, which follows the same format as the general government table in last year's article, for completeness. It analyses the general government data between the functions used in Table 9.2 of the 1993 Blue Book

Table 7 : Gross domestic fixed capital formation

This table shows the relationship between the Input-Output product classifications (the row totals) and the headings used in Table 13.8 of the 1993 Blue Book (the column totals).

Table 8 : Input-Output classifications

Here we relate the industry and product groups used for this exercise to the 1980 version of the Standard Industrial Classification (SIC(80))⁵.

The industrial classification used in the 1993 Blue Book was amended to reflect the main changes in the 1992 version of the Standard Industrial Classification, (SIC(92))⁶, recently introduced. This was done by reallocating the SIC(80) industry groups to approximate the new classification. As discussed in an article in the February 1993 edition of Economic Trends⁷, it will not be possible to bring the underlying data fully onto a SIC(92) basis until the 1995 Blue Book. So, to avoid making changes to the Input-Output classification too often, we have decided not to reorder the Input-Output groups at this stage. Instead we will wait until the 1995 Blue Book and fully implement SIC(92) as a single operation.

The following table shows the links between the SIC(92) based classification used in Table 2.1 of the 1993 Blue Book and the 123 Input-Output groups used in this article.

1993 Blue Book Table 2.1 Classification

Input-Output Groups

Agriculture	1, 2, 3
Extraction of oil, coal, etc	4, 5, 10, 14
Manufacturing (revised definition)	6, 11-13, 15-90
Energy production & water	7-9
Construction	91
Distribution	92-95
Transport & communication	96-102
Financial & business services	103-114, 118, 123
Public administration etc	115
Education & health	117, 119
Other services	116, 120-122

Derivation of Gross domestic product

The income, expenditure and output components of GDP at current factor cost can all be derived from the Input-Output balance.

For example, the industrial analysis of the income measure appears as the value added row in Table 3. This is consistent with the data shown in Tables 2.2 and 2.3 in the 1993 Blue Book. The links to the industry groups shown in Table 2.2 are given in the above table. While for Table 2.3 they are as follows:

1993 Blue Book Table 2.3
Classification

	Input - Output Groups
Extraction of oil, coal etc	
Mining of coal and nuclear fuel	4
Extraction of mineral oil and natural gas	5
Other mining and quarrying	10, 14
Manufacturing (revised definition)	
Food and beverages	58-69
Tobacco products	70
Textiles and leather products	71-80
Wood and wood products	81-82
Pulp, paper and products, printing and publishing	83-85
Solid and nuclear fuels, oil refining	6
Chemicals and man-made fibres	20-29
Rubber and plastic products	86-87
Other non-metallic mineral products	15-19
Basic metals and metal products	11-13, 30-33
Machinery and equipment	34-43
Electrical and optical equipment	44-52, 57
Transport equipment	53-56
Other manufacturing	88-90

The expenditure components can be brought together as follows, with all of the estimates taken from Table 3 unless otherwise indicated :

	£ million
plus Consumers' expenditure	347 527
plus General government final consumption	112 934
plus Gross domestic fixed capital formation	106 776
plus Change in stocks	-1 118
plus Exports	133 284
less Imports	148 285
less Taxes on expenditure (Table 2)	39 748
less Taxes on expenditure less subsidies (Table 3)	32 484
equals Gross domestic product at current factor cost	478 886

Since the approach is essentially the same as when extracting the income total, the output total can also be extracted from Table 3 as follows :

	£ million
Total inputs (equals total outputs)	1 036 276
less Total intermediate purchases	525 090
less Sales by final demand	3 881
less Taxes on expenditure less subsidies	28 420
equals Gross domestic product at current factor cost	478 886

Sources and methods

The CSO's Input-Output work follows fairly closely the approach of the United Nations in their *System of National Accounts*⁸ and the subsequent volume *Input-Output Tables and Analysis*⁹.

Wherever possible CSO inquiries have been used as the basis of the balance. However, for the detailed figures we have had to use a wide variety of data sources of varying suitability and quality. Information on purchases, in particular, is very scarce for some industries. A specific adjustment worth mentioning is the addition of estimates for income in kind to all industries covered by the CSO inquiries.

The estimates used for this balance are our best view of the structure of supply and demand in 1990. Many of the detailed estimates have, as would be expected, been determined partly by the need to achieve a balance.

The main data sources used in this balance were as follows :

Agriculture and fishing : The estimates are largely based on data from the Ministry of Agriculture, Fisheries and Food and its equivalents in the other home countries.

Forestry : These estimates are based on data from the Forestry Commission.

Production industries : The main source for the estimates of the output and purchases of these industries was the 1990 Annual Census of Production, together with the Purchases Inquiry for 1989 uprated to 1990 values. The structure of each industry's output is based on the data collected in the range of quarterly and annual Sales Inquiries for 1990. The energy industries were compiled using additional information underlying the national accounts, and also from the annual reports of companies and corporations.

Construction : Estimates for the construction industry are based on the Annual Census of Construction for 1990, augmented by information on the activity of the self-employed in the industry. Other data sources were used to complete the picture eg the English House Conditions Survey for 1986.

Wholesale, retail and motor trades distribution and repairs : The estimates are based on the results of the CSO's Annual Wholesale, Retail and Motor Trades Inquiries for 1990.

Hotels and catering : The results of the CSO's Annual Catering Inquiry for 1990 are the main source of information for this industry.

Transport : These estimates are based on a mixture of Annual Service Trades Inquiry information, transport statistics and ad hoc sources. There is a great deal of uncertainty in the estimates of road transport due to the prevalence of own account transport included in delivered prices in the production industries.

Postal services and telecommunications : Estimates for these industries are based on company reports and Annual Service Trades Inquiry results.

Banking and finance : These estimates are based on Bank of England surveys and employment information.

Insurance : Estimates for this industry are based on CSO survey data supplemented with tax and employment records.

Auxiliary financial services, estate agents, advertising, renting of movables, owning and dealing in real estate, domestic services and ownership of dwellings : These estimates are based on tax and employment information.

Legal services, accountancy services, other professional services, computing services, other business services and personal services : Estimates for these industries are based on Annual Service Trades Inquiry results.

Public administration, sanitary services, education, research and development, health services, recreational and welfare services : The main sources of the estimates are Government expenditure records and Annual Service Trades Inquiry results.

Imports and exports : The analyses are very closely tied to the detailed analyses of the products comprising international trade collected for the balance of payments account.

Distributors' margins : The estimates are based on the product detail collected in the CSO's Annual Wholesale, Retail, Motor Trades and Catering Inquiries, supplemented by ad hoc sources. Some of the allocation of distributors' trading margins to products is very approximate.

Taxes on expenditure and subsidies : Government records provide a detailed breakdown into the individual taxes and subsidies. Each of these is then separately allocated to products, for the taxes shown as a column in Table 2, or industries, for the taxes and subsidies shown as a row in Table 3. Each product tax is allocated on the basis of the pattern of expenditure on those products attracting the tax. Allocation of some of the industry taxes and subsidies is straightforward since it can only relate to a specific industry eg subsidies to the coal industry. The remainder are allocated using information from CSO inquiries, government records and company reports.

Consumers' expenditure : Most of the estimates are derived from the detail underlying the expenditure categories of the national accounts. Where necessary the Family Expenditure Survey and other sources were also used to establish an allocation from the expenditure categories to Input-Output product groups.

General government final consumption : General government expenditure is not recorded on the product classification used for this balance. The central government estimates for military defence and the national health service were based on departmental figures, supplemented as necessary. The estimates of purchases by other government departments and local authorities are very approximate.

Change in stocks : This analysis is based on data available from the Annual Census of Production, together with some underlying detail used to estimate national accounts aggregates and some assumptions about the likely course of stock movements.

Gross domestic fixed capital formation : Very little information on the product composition of GDFCF is collected. Most of the estimates published here are therefore based on a view of the likely supply of different products to the investing industries. The estimates, and particularly the detail in Table 7, must be regarded as weakly based.

Users of Input-Output analyses

We continue to welcome any expert advice that readers of this article can offer. For example, on the pattern of demand for particular goods or services or on the purchasing structure of any industry. Such advice will, we hope, be one of the main agents for improving the balances over the next few years.

If you wish to contact us on this, or any other, matter please use the address given at the end of this article.

1989 Input-Output balance

The changes introduced for the 1990 balance makes its comparison with the 1989 balance published last year virtually impossible. So, as far as possible, we have reworked the 1989 balance onto the same basis as that for 1990. This is available in computer readable form as described below. However, we would caution users from reading too much into changes for individual entries.

Computer readable data

Readers can access the data in these tables in computer readable form. For 1990, but not for 1989, we can also provide a full Make matrix consistent with Table 2 in this article. The tables are available as either ASCII files or Lotus 1-2-3™ spreadsheets on 3 1/2 or 5 1/4 inch floppy disks. They can be accessed from an IBM-PC™ compatible computer running DOS 3.0 or higher. A handling charge of £30 plus VAT will be made for each year's set of tables.

Other analyses of these data, for example aggregations to different levels of detail, can be supplied for an appropriate fee.

Contact points

Enquiries on the availability of these data in computer readable form should be addressed to:

Mr Thomas Docherty
Room 131A/2
Input-Output Section
Central Statistical Office
Great George Street
London SW1P 3AQ

Tel : 071-270 6045

All other enquiries should be made to Mr David Hughes at the same address, or, by phone on 071-270 5936.

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Table 1 : Domestic Output (at producers' prices) for 1990

Industry or product	Industry gross output £million	Principal products as a percentage of total industry gross output	Gross output of products £million	Principal products as a percentage of total gross output of products
1 Agriculture	18,846	97	18,298	100
2 Forestry	310	99	261	100
3 Fishing	555	99	552	100
4 Coal extraction etc	3,582	94	3,381	100
5 Extraction - oil and gas	11,996	99	11,865	100
6 Coke ovens, oil proc, nuclear fuel	19,294	97	19,028	98
7 Electricity production	26,094	95	24,783	100
8 Gas	8,527	97	8,275	100
9 Water supply	2,641	90	2,356	100
10 Extraction - metal ores & minerals	250	82	239	94
11 Iron and steel	9,270	98	9,120	99
12 Aluminium etc	2,043	93	1,975	96
13 Other non-ferrous metals	2,821	93	3,016	87
14 Extraction - stone/clay/sand/gravel	344	70	317	76
15 Structural clay products	848	93	809	98
16 Cement, lime and plaster	1,049	94	1,097	90
17 Concrete, asbestos, abrasive prods	6,583	92	6,331	96
18 Glass	1,931	94	1,851	98
19 Refractory and ceramic goods	1,616	89	1,506	96
20 Inorganic chemicals	1,327	66	1,582	55
21 Organic chemicals	5,370	72	4,514	66
22 Fertilisers	1,031	61	672	93
23 Synthetic resins etc	2,569	84	2,444	89
24 Paints, dyes, printing ink etc	3,356	85	3,078	93
25 Special chemicals for industry etc	4,673	75	4,855	72
26 Pharmaceutical products	6,228	81	5,334	95
27 Soap and toilet preparations	3,396	80	2,948	93
28 Chemical products nes	1,164	89	1,137	92
29 Man-made fibres	965	94	917	99
30 Metal castings etc	5,500	92	5,538	91
31 Metal doors, windows etc	998	59	781	92
32 Packaging products of metal	2,065	87	1,973	91
33 Metal goods nes	6,104	80	5,505	89
34 Industrial plant and steelwork	4,813	89	4,743	91
35 Agricultural machinery and tractors	1,473	90	1,566	84
36 Metal-working machine tools	1,275	89	1,193	95
37 Engineers small tools	999	88	1,099	80
38 Textile etc machinery	1,825	90	1,742	94
39 Process machinery and contractors	2,808	91	2,769	93
40 Mining etc equipment	4,826	89	4,586	94
41 Mech power transmission equipment	1,476	79	1,237	94
42 Other machinery etc	10,537	86	10,035	91
43 Ordnance, small arms and ammunition	1,041	90	1,056	89
44 Office machinery, computers etc	7,584	93	7,339	96
45 Insulated wires and cables	1,840	84	1,667	92
46 Basic electrical equipment	3,817	87	3,627	92
47 Industrial electrical equipment	2,586	74	2,225	86
48 Telecommunication etc equipment	7,865	89	7,353	95
49 Electronic components	3,328	87	3,432	85
50 Electronic consumer goods etc	2,806	79	2,275	97
51 Domestic electric appliances	1,611	92	1,696	87
52 Electric lighting equipment, etc	1,396	90	1,331	94
53 Motor vehicles and parts	20,115	88	19,330	97
54 Shipbuilding and repairing	2,367	96	2,316	98
55 Aerospace etc	11,555	94	11,243	97
56 Other vehicles	1,094	90	1,146	86
57 Instrument engineering	3,516	85	3,440	87
58 Oils and fats	1,212	88	1,095	98
59 Slaughtering and meat processing	8,467	95	8,450	95
60 Milk and milk products	5,589	97	5,446	100
61 Fruit, veg and fish processing	2,234	78	2,506	70
62 Grain milling and starch	1,417	98	1,393	100
63 Bread, biscuits, etc	4,896	92	4,847	93
64 Sugar	1,211	98	1,183	100
65 Confectionery	3,644	82	3,057	98
66 Animal feeding stuffs	3,317	96	3,178	100
67 Miscellaneous foods	9,176	89	4,973	92
68 Alcoholic drink	3,328	94	6,876	100
69 Soft drinks	2,544	91	2,421	96
70 Tobacco	6,974	97	6,733	100
71 Woollen and worsted	1,290	94	1,263	96
72 Cotton etc spinning and weaving	1,272	89	1,277	88
73 Hosiery and other knitted goods	1,905	93	1,821	96
74 Textile finishing	873	95	869	96
75 Carpets etc	1,234	94	1,223	95
76 Jute etc	884	85	842	89
77 Leather and leather goods	836	91	817	94
78 Footwear	1,219	89	1,106	98
79 Clothing and furs	4,668	94	4,486	98
80 Household and other textiles	1,113	87	1,138	85
81 Timber and wood products	4,212	94	3,909	94
82 Wooden furniture etc	5,252	94	5,165	96
83 Pulp, paper and board	3,180	95	3,106	95
84 Paper and board products	6,884	89	6,578	93
85 Printing and publishing	17,621	72	12,817	99
86 Rubber products	2,972	86	2,699	95
87 Processing of plastics	9,329	87	9,427	86
88 Jewellery and coins	716	80	589	97
89 Sports goods and toys	679	85	617	94
90 Other goods	1,883	82	1,676	92
91 Construction	89,866	98	90,101	98
92 Wholesale distribution	45,643	98	52,838	85
93 Retail distribution	38,105	90	34,437	100
94 Distribution & vehicle repair etc	19,187	98	18,877	100
95 Hotels, catering, pubs etc	22,574	99	29,545	75
96 Railways	3,816	93	3,535	100
97 Road and other inland transport	19,214	97	19,889	94
98 Sea transport	4,341	97	4,229	100
99 Air Transport	6,676	97	6,502	100
100 Transport services	15,858	98	15,465	100
101 Postal services	5,372	97	5,189	100
102 Telecommunications	14,807	98	14,501	100
103 Banking and finance	42,021	97	40,758	100
104 Insurance	26,076	80	20,827	100
105 Auxiliary financial services	5,318	96	5,086	100
106 Estate agents	4,145	95	3,943	100
107 Legal services	7,254	99	7,245	99
108 Accountancy services	5,705	99	5,698	99
109 Other professional services	14,853	99	14,931	98
110 Advertising	2,800	25	8,322	32
111 Consulting services	10,012	98	9,960	99
112 Other business services	19,596	99	19,761	98
113 Renting of movables	7,430	99	10,926	67
114 Owning and dealing in real estate	7,746	100	15,839	49
115 Public administration	62,032	100	62,032	100
116 Sanitary services	6,098	100	6,070	100
117 Education	30,804	99	30,614	100
118 Research and development	3,351	98	3,300	100
119 Health services	35,748	100	35,577	100
120 Recreational and Welfare Services	32,387	94	30,388	100
121 Personal services	5,252	98	5,159	100
122 Domestic services	1,876	100	1,876	100
123 Ownership of dwellings	32,487	100	35,482	92

Table 2 : Supply of products - for 1990

£ million

Products	Domestic gross output of products	Imports	Distributors' trading margins	Taxes on expenditure	Total supply of products
1 Agriculture	18,298	3,917	1,520	249	23,984
2 Forestry	261	39	153	9	462
3 Fishing	552	153	174	10	888
4 Coal extraction etc	3,381	637	729	31	4,778
5 Extraction - oil and gas	11,865	4,708	-	64	16,637
6 Coke ovens, oil proc, nuclear fuel	19,028	3,251	4,436	1,198	27,912
7 Electricity production	24,783	236	-	337	25,357
8 Gas	8,275	6	-	202	8,482
9 Water supply	2,366	-	-	70	2,436
10 Extraction - metal ores & minerals	219	2,856	364	42	3,481
11 Iron and steel	9,120	2,586	1,699	37	13,442
12 Aluminium etc	1,975	982	607	14	3,578
13 Other non-ferrous metals	3,018	3,570	1,401	37	7,025
14 Extraction - stone/clay/sand/gravel	317	63	167	2	549
15 Structural clay products	809	41	364	-	1,215
16 Cement, lime and plaster	1,097	124	513	49	1,767
17 Concrete, asbestos, abrasive prods	6,331	471	1,303	16	8,134
18 Glass	1,851	666	574	29	3,171
19 Refractory and ceramic goods	1,506	381	590	80	2,587
20 Inorganic chemicals	1,582	763	530	110	2,890
21 Organic chemicals	4,514	2,614	624	15	7,801
22 Fertilisers	672	299	167	49	1,155
23 Synthetic resins etc	2,444	2,392	909	16	5,680
24 Paints, dyes, printing ink etc	3,078	651	783	34	4,682
25 Special chemicals for industry etc	4,855	1,385	662	171	7,028
26 Pharmaceutical products	5,334	1,264	1,218	18	7,833
27 Soap and toilet preparations	2,940	529	2,283	637	6,397
28 Chemical products new	1,137	1,132	623	193	3,095
29 Man-made fibres	917	512	126	7	1,562
30 Metal castings etc	5,538	531	489	19	6,578
31 Metal doors, windows, etc	721	83	173	19	995
32 Packaging products of metal	1,973	217	352	3	2,545
33 Metal goods new	5,505	1,682	1,777	387	9,351
34 Industrial plant and steelwork	4,743	616	418	48	5,725
35 Agricultural machinery and tractors	1,566	667	179	21	2,433
36 Metal-working machine tools	1,193	728	119	28	2,056
37 Engineers' small tools	1,099	379	163	23	1,663
38 Textile etc machinery	1,742	1,472	298	23	3,535
39 Process machinery and contractors	2,769	807	199	6	3,790
40 Mining etc equipment	4,586	1,537	319	45	6,486
41 Mech power transmission equipment	1,237	455	179	25	1,896
42 Other machinery etc	10,035	3,495	956	276	14,761
43 Ordnance, small arms and ammunition	1,056	190	114	2	1,362
44 Office machinery, computers etc	7,339	7,110	1,118	687	16,254
45 Insulated wires and cables	1,667	465	311	23	2,465
46 Basic electrical equipment	3,627	1,568	827	108	6,130
47 Industrial electrical equipment	2,225	830	358	102	3,515
48 Telecommunication etc equipment	7,353	2,921	1,372	405	12,051
49 Electronic components	3,432	3,591	2,086	90	9,199
50 Electronic consumer goods etc	2,275	2,070	2,379	571	7,394
51 Domestic electric appliances	1,696	992	2,179	601	5,459
52 Electric lighting equipment, etc	1,331	359	400	58	2,147
53 Motor vehicles and parts	18,330	12,686	3,732	3,889	38,617
54 Shipbuilding and repairing	2,316	459	119	195	3,089
55 Aerospace etc	11,243	6,078	-	180	17,501
56 Other vehicles	1,146	656	1,008	270	3,081
57 Instrument engineering	3,440	2,641	1,239	169	7,489
58 Oils and fats	1,095	588	476	17	2,177
59 Slaughtering and meat processing	8,450	1,942	3,020	27	13,439
60 Milk and milk products	5,446	804	2,017	11	8,278
61 Fruit, veg and fish processing	2,506	1,771	1,255	24	5,556
62 Grain milling and starch	1,393	458	194	10	2,054
63 Bread, biscuits, etc	4,847	259	1,393	41	6,541
64 Sugar	1,183	549	243	15	1,991
65 Confectionery	3,057	510	1,666	547	5,780
66 Animal feeding stuffs	3,178	189	836	191	4,395
67 Miscellaneous foods	4,973	971	1,162	63	7,169
68 Alcoholic drink	6,876	1,589	12,454	4,238	25,157
69 Soft drinks	2,421	507	959	423	4,310
70 Tobacco	6,733	387	1,075	1,513	9,708
71 Woollen and worsted	1,263	633	241	23	2,160
72 Cotton etc spinning and weaving	1,277	2,227	312	48	3,885
73 Hosiery and other knitted goods	1,821	1,263	776	428	4,288
74 Textile finishing	869	16	30	12	927
75 Carpets etc	1,223	481	806	256	2,766
76 Jute etc	842	350	158	12	1,371
77 Leather and leather goods	817	581	307	64	1,768
78 Footwear	1,106	1,479	1,905	442	4,933
79 Clothing and furs	4,486	4,039	7,348	1,659	17,532
80 Household and other textiles	1,136	269	1,015	296	2,715
81 Timber and wood products	3,909	2,331	343	165	6,748
82 Wooden furniture etc	5,165	785	1,454	758	8,161
83 Pulp, paper and board	3,186	3,911	346	72	7,516
84 Paper and board products	6,578	882	982	619	8,862
85 Printing and publishing	12,817	930	2,905	212	16,865
86 Rubber products	2,699	953	513	93	4,258
87 Processing of plastics	9,427	2,339	869	189	12,824
88 Jewellery and coins	589	1,166	465	323	2,543
89 Sports goods and toys	617	794	2,002	435	3,848
90 Other goods	1,676	445	2,215	565	4,902
91 Construction	90,101	-	-	3,049	93,151
92 Wholesale distribution	52,838	-	-	-	-
93 Retail distribution	34,437	-	-	198	1,591
94 Distribution & vehicle repair etc	18,877	-	-	1,063	14,334
95 Hotels, catering, pubs etc	29,545	5,956	-5,957	3,131	33,065
96 Railways	3,535	644	-	-	3,959
97 Road and other inland transport	19,889	1,839	-	596	21,126
98 Sea transport	4,229	2,003	-	-	6,057
99 Air Transport	6,502	1,550	-	-	9,306
100 Transport services	15,465	-	-	154	17,168
101 Postal services	5,189	137	-	-	5,326
102 Telecommunications	14,501	861	-	1,405	16,767
103 Banking and finance	40,758	-	-	-	40,758
104 Insurance	20,827	138	-	-	20,968
105 Auxiliary financial services	5,086	562	-	-	5,648
106 Estate agents	3,941	2	-	119	4,062
107 Legal services	7,245	-	-	38	7,283
108 Accountancy services	5,698	4	-	-	5,702
109 Other professional services	14,931	1,263	-	53	16,247
110 Advertising	8,322	220	-	384	8,706
111 Computing services	9,960	2,016	-	380	10,560
112 Other business services	19,761	-	-	287	22,064
113 Renting of movables	10,926	-	-	630	11,585
114 Owning and dealing in real estate	15,839	-	-	-	15,839
115 Public administration	62,032	508	-	-	62,540
116 Sanitary services	6,070	44	-	125	6,239
117 Education	30,614	351	-	-	30,965
118 Research and development	3,300	931	-	-	4,231
119 Health services	35,577	-	-	-	35,577
120 Recreational and welfare services	30,388	1,224	-	1,927	33,539
121 Personal services	5,159	-	-	420	5,579
122 Domestic Services	1,876	-	-	-	1,876
123 Ownership of dwellings	35,492	-	-	-	35,482
124 Total	1,036,276	148,285	-	19,748	1,224,309

Table 3 : Demand for products (The 'combined use matrix') - for 1990

£ million

Products	Industry purchases										9 Water	10 Metal ores
	1 Agriculture	2 Forestry	3 Fishing	4 Coal	5 Oil & gas	6 Oil proc	7 Electric	8 Gas	9 Water			
1 Agriculture	3,608	-	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	30	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	32	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	2	-	-	38	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	873	6,426	1,644	16	10	-	-	-
6 Coke ovens, oil proc, nuclear fuel	400	11	25	0	0	1,698	11,724	-	-	169	12	-
7 Electricity production	219	4	-	198	-	7	-	-	-	2	3	-
8 Gas	34	0	-	6	-	33	15	348	-	-	-	-
9 Water supply	73	0	-	-	-	11	17	-	100	0	0	-
10 Extraction - metal ores & minerals	-	-	-	6	1	-	-	0	1	-	-	-
11 Iron and steel	12	-	-	216	23	-	10	43	-	-	-	25
12 Aluminium etc	-	-	-	-	-	5	-	-	-	-	-	-
13 Other non-ferrous metals	23	-	-	14	4	5	1	3	-	-	0	-
14 Extraction - stone/clay/sand/gravel	8	-	-	-	-	-	-	-	-	-	4	-
15 Structural clay products	11	-	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	36	-	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	13	-	-	-	-	-	-	-	-	-	-	-
18 Glass	20	0	-	-	-	-	-	-	-	-	-	-
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	-	-	0
20 Inorganic chemicals	-	-	-	-	-	134	-	-	-	-	-	18
21 Organic chemicals	8	-	-	7	6	106	-	-	-	-	-	3
22 Fertilizers	699	1	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	-	-	-	3	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	18	-	-	-	-	2	-	-	-	-	-	-
25 Special chemicals for industry etc	679	6	-	-	10	49	-	-	-	54	4	-
26 Pharmaceutical products	4	-	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	15	-	-	-	-	2	-	-	-	-	-	-
28 Chemical products nes	8	-	-	-	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	25	-	-	-	30	4	-	5	42	-	-	-
31 Metal doors, windows etc	-	-	-	-	-	44	-	-	-	-	0	-
32 Packaging products of metal	-	-	-	-	18	4	3	2	2	-	0	-
33 Metal goods nes	54	1	-	-	82	31	2	4	-	-	-	-
34 Industrial plant and steelwork	-	-	-	10	-	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	160	0	-	-	-	0	3	2	-	-	0	-
36 Metal working machine tools	-	-	-	1	-	-	1	0	-	-	0	-
37 Engineers small tools	48	-	-	18	128	1	-	-	-	-	-	-
38 Textile etc machinery	-	-	-	-	1	-	20	1	3	14	0	-
39 Process machinery and contractors	-	-	-	315	-	1	14	3	-	11	-	-
40 Mining etc equipment	-	-	-	-	128	-	-	-	-	-	-	-
41 Mech power transmission equipment	-	-	-	52	641	4	5	52	12	-	5	-
42 Other machinery etc	-	-	-	0	-	-	-	-	-	-	-	-
43 Ordnance, small arms and ammunition	-	-	-	16	-	3	7	5	22	-	0	-
44 Office machinery, computers etc	11	4	-	56	-	6	215	0	-	0	0	-
45 Insulated wires and cables	5	-	-	31	-	0	261	32	-	-	-	-
46 Basic electrical equipment	-	-	-	1	-	0	3	1	5	0	0	-
47 Industrial electrical equipment	2	-	-	9	-	3	49	9	2	1	-	-
48 Telecommunication etc equipment	6	0	-	37	-	-	245	-	-	-	-	-
49 Electronic components	-	-	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	1	-	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	9	-	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	4	-	-	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	16	1	-	-	-	-	-	35	5	10	1	-
54 Shipbuilding and repairing	-	-	32	-	285	-	-	-	-	-	-	-
55 Aerospace etc	1	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	9	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	4	-	6	-	-	-	-	16	78	1	9	-
58 Oils and fats	0	0	0	1	-	-	-	1	0	-	-	-
59 Slaughtering and meat processing	7	0	0	1	-	-	-	15	3	1	0	-
60 Milk and milk products	4	0	0	1	-	-	-	8	24	-	-	-
61 Fruit, veg and fish processing	3	0	0	1	-	-	-	6	1	0	-	-
62 Grain milling and starch	-	-	-	1	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	4	0	0	1	-	-	-	8	2	1	0	-
64 Sugar	0	0	0	1	-	-	-	1	0	-	-	-
65 Confectionery	3	0	0	1	-	-	-	7	0	-	-	-
66 Animal feeding stuffs	2,432	-	37	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	4	0	3	1	-	-	-	8	2	-	0	-
68 Alcoholic drink	0	-	-	-	4	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	1	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	1	-	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	4	-	-	-	-	-	-	-	-	-	-	-
76 Jute etc	57	0	14	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	6	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	3	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	32	1	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	10	-	-	42	-	-	-	-	-	-	-	-
81 Timber and wood products	36	1	-	-	-	-	-	-	-	-	-	-
82 Wooden furniture etc	3	4	-	-	-	-	-	2	1	-	-	-
83 Pulp, paper and board	11	-	-	-	-	-	-	-	-	-	-	-
84 Paper and board products	110	-	-	10	-	46	116	55	27	-	-	-
85 Printing and publishing	50	8	-	39	-	-	13	2	3	-	0	-
86 Rubber products	69	-	-	-	-	29	-	107	-	-	-	-
87 Processing of plastics	70	-	9	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	14	-	-	-	-	-	-	-	-	-	-	-
90 Other goods	16	-	-	-	-	1	27	-	-	-	-	-
91 Construction	226	16	-	0	-	-	4	5	19	-	2	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	278	-	-	0	130	-	0	4	55	-	-	-
95 Hotels, catering, pubs etc	41	1	1	13	23	36	52	17	-	-	-	-
96 Railways	1	-	-	3	28	1	1	1	0	-	9	-
97 Road and other inland transport	100	5	-	128	21	36	8	1	0	2	6	-
98 Sea transport	1	-	2	7	468	14	1	0	-	-	4	-
99 Air transport	3	1	-	5	122	13	1	0	-	-	0	-
100 Transport services	7	-	6	7	894	28	47	27	15	1	1	-
101 Postal services	45	0	-	2	-	3	45	29	6	1	1	-
102 Telecommunications	105	0	-	8	-	9	63	23	18	6	3	-
103 Banking and finance	70	-	-	25	-	94	165	99	54	5	3	-
104 Insurance	105	0	16	7	17	84	16	16	8	8	0	-
105 Auxiliary financial services	-	-	0	-	-	0	1	0	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	53	0	-	2	12	9	16	9	5	0	0	-
108 Accountancy services	42	-	-	5	7	18	30	18	10	-	-	-
109 Other professional services	71	-	-	82	22	26	49	45	27	-	-	-
110 Advertising	15	-	-	5	8	18	31	18	10	-	1	-
111 Computing services	15	0	-	4	15	16	27	16	8	8	1	-
112 Other business services	60	-	-	26	28	18	32	24	14	12	2	-
113 Renting of movables	190	-	-	77	-	36	45	47	29	3	1	-
114 Owning and dealing in real estate	58	-	2	4	-	9	47	29	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	14	-	13	16	-	11	20	15	8	1	1	-
117 Education	64	-	-	5	-	17	29	17	9	11	1	-
118 Research and development	13	-	-	5	-	20	33	20	11	11	1	-
119 Health services	118	-	3	5	-	12	20	12	6	6	1	-
120 Recreational and welfare services	47	22	-	4	-	15	24	14	8	8	1	-
121 Personal services	77	-	12	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	10,994	129	215	1,586	4,010	9,308	18,596	5,057	752	152	-	-
125 Sales by final demand	14	8	-	8	19	21	2	8	3	2	2	-
126 Taxes on expenditure less subsidies	-505	-63	-3	-166	1	6,868	1,547	517	198	9	-	-
127 Value added	8,343	236	343	2,154	7,965	3,097	5,950	2,945	1,688	88	-	-
128 Total inputs	18,846	310	555	3,582	11,996	19,294	26,094	8,527	2,641	250	-	-

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases										19	20
	11 Iron/steel	12 Aluminium	13 Non-ferrous	14 Stone	15 Stru Clay	16 Cement	17 Concrete	18 Glass	Refractory	Inorg Chem		
1 Agriculture	-	-	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	474	-	-	-	5	93	46	0	0	0	-	7
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	175	6	33	17	28	30	272	33	6	54	-	-
7 Electricity production	148	43	33	5	17	49	83	37	18	23	-	-
8 Gas	93	18	17	0	43	13	26	38	36	20	-	-
9 Water supply	49	-	1	-	-	1	6	1	1	3	-	-
10 Extraction - metal ores & minerals	534	-	132	-	-	0	5	5	6	68	144	-
11 Iron and steel	2,334	-	8	-	-	-	20	3	1	-	-	-
12 Aluminium etc	170	879	21	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	325	26	1,264	-	-	-	11	10	254	24	103	6
14 Extraction - stone/clay/sand/gravel	9	23	-	7	11	-	-	11	-	14	-	-
15 Structural clay products	-	-	-	-	1	-	-	-	-	-	-	-
16 Cement, lime and plaster	52	-	-	-	-	-	96	538	-	3	-	-
17 Concrete, asbestos, abrasive prods	-	-	1	-	-	-	152	-	-	-	-	-
18 Glass	-	-	-	-	-	-	4	338	5	3	-	-
19 Refractory and ceramic goods	112	-	2	-	-	-	-	1	51	-	-	-
20 Inorganic chemicals	17	19	7	-	2	-	41	64	20	147	-	-
21 Organic chemicals	-	18	1	-	1	0	63	-	2	74	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	2	-	-	-	31	14	2	-	-	-
24 Paints, dyes, printing ink etc	36	-	0	-	-	-	21	-	-	35	-	-
25 Special chemicals for industry etc	105	-	3	3	11	5	46	-	-	-	-	-
26 Pharmaceutical products	-	-	0	-	-	0	0	0	-	-	-	-
27 Soap and toilet preparations	-	-	-	-	-	-	-	-	-	-	-	-
28 Chemical products nea	-	-	-	-	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	8	-	-	-	-	-
30 Metal castings etc	39	-	0	-	-	-	0	18	-	2	10	-
31 Metal doors, windows etc	-	-	-	-	-	-	1	15	5	2	1	-
32 Packaging products of metal	9	-	4	-	3	1	31	1	9	1	0	-
33 Metal goods nea	36	2	4	0	0	1	8	0	0	0	0	-
34 Industrial plant and staework	6	-	-	0	1	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	11	3	3	-	-	-	-	-	-	-	-	-
37 Engineers small tools	9	1	2	0	0	0	0	2	0	0	0	-
38 Textile etc machinery	0	0	1	0	0	0	0	0	0	0	0	-
39 Process machinery and contractors	24	7	0	1	4	7	15	2	3	11	-	-
40 Mining etc equipment	21	4	5	2	10	18	47	9	9	9	-	-
41 Mech power transmission equipment	8	1	0	0	1	3	3	0	1	1	0	-
42 Other machinery etc	83	16	2	0	3	5	10	1	2	4	-	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	21	0	0	0	1	3	5	1	1	4	-	-
45 Insulated wires and cables	12	3	4	-	-	-	-	-	-	1	-	-
46 Basic electrical equipment	25	0	1	0	2	4	7	1	2	1	-	-
47 Industrial electrical equipment	17	1	1	0	0	1	3	0	0	0	0	-
48 Telecommunication etc equipment	15	2	1	1	2	4	12	3	1	1	-	-
49 Electronic components	-	-	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	-	-	-	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	14	-	-	1	-	-	-	19	-	-	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	-
56 Other Vehicles	-	-	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	66	14	19	9	23	37	130	33	22	15	-	-
58 Oils and fats	0	0	0	0	0	0	0	0	0	0	-	-
59 Slaughtering and meat processing	3	1	1	0	0	0	2	1	12	-	-	-
60 Milk and milk products	22	0	1	0	0	0	0	0	0	0	-	-
61 Fruit, Veg and fish processing	1	0	0	0	0	0	1	0	0	0	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	2	0	1	0	0	0	0	0	0	0	-	-
64 Sugar	0	0	0	0	0	0	0	0	0	0	-	-
65 Confectionery	1	0	0	0	0	0	1	0	0	0	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	2	0	0	0	0	0	0	1	0	0	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	3	-	0	-	7	3	22	4	5	-	-	-
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	-	8	4	9	10	39	31	27	13	-	-
84 Paper and board products	3	4	4	4	3	1	25	14	42	8	-	-
85 Printing and publishing	16	-	4	4	2	1	10	7	18	8	-	-
86 Rubber products	5	-	-	-	2	9	30	10	18	6	-	-
87 Processing of plastics	1	-	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-	-	-
91 Construction	34	6	13	0	3	7	58	9	7	4	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	34	3	3	11	1	3	39	2	1	1	-	-
95 Hotels, catering, pubs etc	18	-	5	1	2	2	13	4	3	3	-	-
96 Railways	53	2	2	10	4	17	43	3	6	6	-	-
97 Road and other inland transport	187	61	22	13	53	75	1,099	81	90	36	-	-
98 Sea transport	27	1	1	5	2	9	22	2	3	3	-	-
99 Air Transport	26	1	1	5	2	8	21	1	3	3	-	-
100 Transport services	12	3	3	3	2	0	15	9	6	5	-	-
101 Postal services	2	1	1	1	1	0	7	2	2	3	-	-
102 Telecommunications	10	3	4	4	3	2	26	7	6	6	-	-
103 Banking and finance	41	12	13	9	5	1	54	31	22	18	-	-
104 Insurance	41	7	14	4	5	0	30	13	9	9	-	-
105 Auxiliary financial services	0	0	0	0	0	0	0	0	0	0	0	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	4	1	1	1	1	0	5	3	2	2	-	-
108 Accountants' services	8	2	2	2	1	0	10	6	4	4	-	-
109 Other professional services	156	39	43	44	9	16	90	30	19	22	-	-
110 Advertising	8	2	2	2	1	0	10	6	4	3	-	-
111 Computing services	7	2	2	1	1	0	9	5	5	3	-	-
112 Other business services	103	29	34	33	5	8	62	21	14	15	-	-
113 Renting of movables	62	9	9	10	2	1	113	20	10	8	-	-
114 Owning and dealing in real estate	15	2	5	1	1	4	27	15	8	3	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	16	4	3	1	2	2	12	5	4	4	-	-
117 Education	7	2	2	2	1	0	10	5	4	4	-	-
118 Research and development	8	2	2	2	1	0	11	7	4	3	-	-
119 Health services	5	1	1	1	1	0	8	5	3	3	-	-
120 Recreational and welfare services	6	2	2	1	1	0	8	5	3	3	-	-
121 Personal services	-	-	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	5,979	1,299	1,779	148	311	582	4,087	978	719	838	-	-
125 Sales by final demand	612	253	443	3	2	1	2	2	2	-	-	-
126 Taxes on expenditure less subsidies	91	17	24	11	16	15	76	39	21	17	-	-
127 Value added	2,588	474	575	182	520	451	2,419	913	875	472	-	-
128 Total inputs	9,270	2,043	2,821	344	948	1,049	6,583	1,931	1,616	1,327</		

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases										29 Fibres	30 Mtl castings
	21 Org Chem	22 Fertilis	23 Resins	24 Paints	25 Sp chem	26 Pharmcs	27 Soap	28 Oth Chem	29 Fibres			
1 Agriculture	-	-	-	-	3	-	-	-	-	-	-	-
2 Forestry	-	-	-	6	-	-	-	-	-	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	0	-	1	5	5	5	0	-	-	12	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	1,056	139	465	91	97	45	25	34	4	41	-	-
7 Electricity production	104	33	38	26	84	31	20	6	15	96	-	-
8 Gas	113	34	24	17	18	16	8	4	7	71	-	-
9 Water supply	15	6	5	5	5	5	-	-	2	5	-	-
10 Extraction - metal ores & minerals	17	0	-	138	0	0	-	0	-	24	-	-
11 Iron and steel	-	1	-	-	6	4	-	9	-	718	-	-
12 Aluminium etc	-	-	-	43	41	-	-	-	-	193	-	-
13 Other non-ferrous metals	-	-	1	-	47	35	0	-	1	309	-	-
14 Extraction - stone/clay/sand/gravel	-	17	-	10	-	-	-	-	-	0	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	1	-	-	-	-	-	-
18 Glass	2	-	-	2	5	45	35	6	-	2	-	-
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	48	-	-
20 Inorganic chemicals	353	41	151	153	238	53	153	51	67	37	-	-
21 Organic chemicals	1,005	-	442	338	856	271	185	62	266	0	-	-
22 Fertilisers	-	147	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	103	-	18	228	120	1	-	0	20	17	-	-
24 Paints, dyes, printing ink etc	-	-	23	249	0	-	-	21	1	17	-	-
25 Special chemicals for industry etc	33	27	233	39	187	39	283	44	1	13	-	-
26 Pharmaceutical products	-	-	-	-	-	578	-	-	-	-	-	-
27 Soap and toilet preparations	-	-	1	1	-	0	3	46	0	0	0	-
28 Chemical products nes	1	1	1	0	1	1	0	127	0	2	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	17	-	-	-
30 Metal castings etc	34	6	9	7	5	23	0	0	0	216	-	-
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	44	0	33	166	57	59	136	4	-	-	-	-
33 Metal goods nes	5	5	2	10	25	5	0	0	1	52	-	-
34 Industrial plant and steelwork	28	1	2	2	1	5	0	0	0	1	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	0	0	0	0	0	0	0	0	0	5	-	-
37 Engineers' small tools	0	0	0	0	0	0	0	6	0	13	-	-
38 Textile etc machinery	12	6	5	2	11	10	0	-	4	0	-	-
39 Process machinery and contractors	63	17	17	7	39	33	1	0	11	3	-	-
40 Mining etc equipment	10	3	3	1	6	6	0	0	2	20	-	-
41 Mech power transmission equipment	1	0	0	0	0	0	0	0	0	1	-	-
42 Other machinery etc	34	3	3	2	8	8	4	13	1	58	-	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	34	3	3	2	2	7	0	0	0	2	-	-
45 Insulated wires and cables	-	-	-	-	-	-	-	-	-	-	-	-
46 Basic electrical equipment	5	1	1	1	1	2	0	0	0	1	-	-
47 Industrial electrical equipment	3	0	0	0	1	1	0	0	0	0	-	-
48 Telecommunication etc equipment	14	0	1	0	0	1	0	0	0	11	0	-
49 Electronic components	-	-	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	-	-	-	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	-	-	-	-	-	-	-	-	-	29	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	23	2	2	1	5	4	0	0	1	33	-	-
58 Oils and fats	0	0	8	17	34	25	58	0	0	0	0	-
59 Slaughtering and meat processing	2	0	1	1	11	7	1	0	0	2	-	-
60 Milk and milk products	1	0	0	0	1	14	1	0	0	1	-	-
61 Fruit, veg and fish processing	1	0	0	0	0	0	0	0	0	1	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	1	0	0	0	1	1	1	0	0	0	-	-
64 Sugar	0	0	0	0	0	26	0	0	0	0	-	-
65 Confectionery	1	0	0	0	1	1	1	0	0	0	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	1	0	0	1	1	28	1	0	0	1	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	37	-	13	51	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	2	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	1	-	-	-	6	-	-	-	-	1	-	-
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	-	21	-	10	8	-	38	-	-	-	-
84 Paper and board products	25	2	9	11	14	52	98	22	5	46	-	-
85 Printing and publishing	30	9	18	28	29	97	62	7	6	18	-	-
86 Rubber products	-	-	-	-	-	-	-	-	-	13	-	-
87 Processing of plastics	4	44	-	4	100	130	475	154	10	3	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	1	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	12	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	6	-	-
91 Construction	22	2	3	12	27	14	37	6	5	15	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	7	1	1	3	7	2	6	1	0	4	-	-
95 Hotels, catering, pubs etc	10	22	5	6	8	12	6	2	2	10	-	-
96 Railways	21	24	4	3	13	5	4	1	0	13	-	-
97 Road and other inland transport	101	45	31	76	79	37	81	10	4	78	-	-
98 Sea transport	11	12	2	2	7	2	2	1	0	7	-	-
99 Air Transport	10	12	2	2	6	2	2	1	0	6	-	-
100 Transport services	19	5	11	18	18	59	39	5	4	12	-	-
101 Postal services	2	1	1	4	5	10	5	1	0	4	-	-
102 Telecommunications	16	5	5	22	19	23	10	2	2	18	-	-
103 Banking and finance	62	18	19	63	64	202	132	16	13	45	-	-
104 Insurance	34	6	13	17	24	36	9	3	3	39	-	-
105 Auxiliary financial services	0	0	0	0	0	1	1	0	0	0	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	6	2	4	6	6	20	13	2	1	4	-	-
108 Accountancy services	12	3	7	12	12	39	25	3	2	9	-	-
109 Other professional services	113	20	41	64	70	113	68	19	13	106	-	-
110 Advertising	12	3	7	12	12	39	26	3	2	8	-	-
111 Computing services	11	3	6	10	10	34	22	3	2	7	-	-
112 Other business services	67	14	31	47	55	63	58	16	11	55	-	-
113 Renting of movables	33	8	13	27	29	34	25	7	5	36	-	-
114 Owning and dealing in real estate	9	3	7	21	19	25	18	5	1	36	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	17	3	6	10	10	27	16	-	-	-	-	-
117 Education	12	3	7	11	11	37	24	3	2	14	-	-
118 Research and development	13	4	8	13	13	42	28	3	3	9	-	-
119 Health services	8	2	5	8	8	25	16	2	3	5	-	-
120 Recreational and welfare services	10	3	6	9	9	31	20	2	2	6	-	-
121 Personal services	-	-	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	3,815	760	1,845	2,149	2,640	2,698	2,286	735	539	2,768	-	-
125 Sales by final demand	1	-	2	11	-	-	-	-	2	159	-	-
126 Taxes on expenditure less subsidies	50	14	17	35	40	38	19	9	9	68	-	-
127 Value added	1,504	256	706	1,160	1,994	3,492	1,091	4				

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases													Mining eq
	31 Mtl doors	32 Mtl Pack	33 Mtl goods	34 Ind plant	35 Agr mach	36 Mach tools	37 Eng tools	38 Text mach	39 Proc mach	40 Mining eq				
1 Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	0	1	-	0	-	-	-	-	-	-	-	1
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	15	19	4	7	3	2	9	9	20	-	-	-
6 Coke ovens, oil proc, nuclear fuel	7	6	15	19	4	7	3	2	9	6	25	-	-	-
7 Electricity production	4	14	31	23	68	6	9	5	4	4	8	-	-	-
8 Gas	2	9	23	12	114	3	4	5	5	4	8	-	-	-
9 Water supply	-	-	0	-	-	-	-	-	-	-	-	-	-	-
10 Extraction - metal ores & minerals	1	15	21	32	4	2	11	3	2	2	12	-	-	-
11 Iron and steel	43	481	698	755	121	80	103	106	74	394	-	-	-	-
12 Aluminium etc	134	207	168	40	-	-	6	102	12	16	-	-	-	-
13 Other non-ferrous metals	8	39	313	95	9	5	13	26	17	43	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	0	-	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	0	-	3	-	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	0	-	-	4	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	1	-	1	5	-	-	-	10	-	-	-	-	-	-
18 Glass	16	-	43	2	-	4	-	24	-	-	-	-	-	-
19 Refractory and ceramic goods	12	-	8	1	-	-	-	-	0	-	10	-	-	-
20 Inorganic chemicals	0	-	0	1	-	-	-	0	-	-	0	-	-	-
21 Organic chemicals	0	-	0	3	-	-	-	-	-	-	0	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	0	45	26	8	-	2	10	0	-	-	0	-	-	-
24 Paints, dyes, printing ink etc	20	42	50	61	-	3	2	2	-	-	4	-	-	-
25 Special chemicals for industry etc	0	55	37	51	-	3	4	23	-	-	2	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	0	1	0	1	-	1	-	0	-	-	0	-	-	-
28 Chemical products nes	-	1	8	-	-	1	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	2	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	26	-	245	185	126	61	19	53	7	182	-	-	-	-
31 Metal doors, windows etc	45	-	-	6	3	-	-	11	1	-	-	-	-	-
32 Packaging products of metal	-	7	-	3	-	-	4	1	1	24	-	-	-	-
33 Metal goods nos	72	65	224	28	1	10	4	-	4	103	232	-	-	-
34 Industrial plant and steelwork	-	-	-	422	-	14	-	-	-	-	8	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	181	-	-	-	-	-	20	-	-	-
36 Metal-working machine tools	0	8	10	27	1	73	2	5	44	20	-	-	-	-
37 Engineers' small tools	0	2	3	10	0	9	1	0	0	21	-	-	-	-
38 Textile etc machinery	-	0	0	0	0	0	0	0	0	0	1	-	-	-
39 Process machinery and contractors	0	3	11	6	4	19	4	25	0	202	9	-	-	-
40 Mining etc equipment	0	7	10	88	1	6	4	5	47	497	-	-	-	-
41 Mach power transmission equipment	0	0	13	1	42	3	0	33	38	192	-	-	-	-
42 Other machinery etc	0	5	56	127	199	139	21	173	183	522	-	-	-	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	0	1	5	3	2	1	2	1	1	4	-	-	-	-
45 Insulated wires and cables	-	1	0	0	-	-	0	2	-	-	-	-	-	-
46 Basic electrical equipment	0	1	13	13	7	66	1	68	95	91	-	-	-	-
47 Industrial electrical equipment	0	2	4	17	21	0	2	0	0	0	4	-	-	-
48 Telecommunication etc equipment	0	0	2	14	1	0	1	13	0	43	74	-	-	-
49 Electronic components	-	-	20	9	-	78	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	-	-	-	1	-	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	-	-	-	11	28	-	-	10	-	-	49	-	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	0	7	10	7	1	0	4	5	0	0	3	-	-	-
58 Oils and fats	0	0	0	0	0	0	0	0	0	0	0	-	-	-
59 Slaughtering and meat processing	0	1	2	2	1	1	1	1	0	0	1	-	-	-
60 Milk and milk products	0	0	1	1	1	0	0	0	0	0	1	-	-	-
61 Fruit, veg and fish processing	0	0	1	1	0	0	0	0	0	0	0	-	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	0	0	2	1	0	0	0	0	0	0	0	-	-	-
64 Sugar	0	0	0	0	0	0	0	0	0	0	0	-	-	-
65 Confectionery	0	0	1	1	0	0	0	0	0	0	0	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	0	0	1	1	0	0	0	0	0	0	0	-	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	1	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	13	8	-	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76 Juta etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	4	-	105	30	-	2	-	3	-	-	-	-	-	-
81 Timber and wood products	-	-	11	-	-	1	-	-	-	-	-	-	-	-
82 Wooden furniture etc	-	38	3	2	-	1	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	44	48	17	-	1	-	16	-	-	20	-	-	-
84 Paper and board products	6	6	45	24	4	9	7	15	11	52	-	-	-	-
85 Printing and publishing	6	-	49	28	65	-	3	1	3	2	-	-	-	-
86 Rubber products	6	-	202	25	-	2	1	15	-	-	-	-	-	-
87 Processing of plastics	32	45	202	25	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	1	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91 Construction	1	3	29	20	2	3	5	5	7	23	-	-	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	0	1	7	5	0	0	0	1	1	2	2	-	-	-
95 Hotels, catering, pubs etc	2	4	11	9	3	2	2	2	2	2	2	-	-	-
96 Railways	1	9	6	3	1	1	1	1	1	1	1	-	-	-
97 Road and other inland transport	13	38	88	39	24	8	7	8	9	10	40	-	-	-
98 Sea transport	0	5	3	2	1	1	1	1	1	2	1	-	-	-
99 Air Transport	0	4	3	1	1	1	1	1	1	2	1	-	-	-
100 Transport services	4	4	25	15	2	4	3	4	5	7	13	-	-	-
101 Postal services	2	2	10	4	2	2	2	2	2	2	2	-	-	-
102 Telecommunications	7	5	23	16	5	6	5	5	5	9	20	-	-	-
103 Banking and finance	14	13	90	53	9	21	21	16	15	26	47	-	-	-
104 Insurance	5	7	35	30	4	0	0	0	0	0	10	-	-	-
105 Auxiliary financial services	0	0	0	0	-	-	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	1	1	8	5	1	2	1	1	1	2	4	-	-	-
108 Accountancy services	3	2	16	10	2	4	3	6	5	5	8	-	-	-
109 Other professional services	31	33	108	168	27	27	28	37	37	88	95	-	-	-
110 Advertising	3	2	17	10	2	2	3	6	5	5	9	-	-	-
111 Computing services	2	2	14	9	1	3	3	5	5	4	7	-	-	-
112 Other business services	17	28	78	96	21	20	11	27	42	42	69	-	-	-
113 Renting of movables	13	8	43	55	6	6	9	8	10	16	19	-	-	-
114 Owning and dealing in real estate	13	11	59	17	3	7	7	8	12	13				

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases												49	50
	41 Mach eq	42 Oth mach	43 Ordnance	44 Off mach	45 Cables	46 Elec eq	47 Ind elec	48 Tcom etc	49 El comp	50 Rl comp				
1 Agriculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	0	-	-	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	25	0	6	12	30	9	7	0	1	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	12	61	4	15	12	20	20	23	23	10	-	-	-	-
7 Electricity production	6	36	4	3	5	12	9	8	6	3	-	-	-	-
8 Gas	0	-	-	-	1	-	0	3	13	-	-	-	-	-
9 Water supply	-	-	-	-	-	-	-	-	-	2	-	-	-	-
10 Extraction - metal ores & minerals	4	23	28	2	2	5	2	0	0	0	-	-	-	-
11 Iron and steel	135	616	41	56	58	175	76	7	74	-	-	-	-	-
12 Aluminium etc	6	71	34	24	104	4	22	13	17	1	-	-	-	-
13 Other non-ferrous metals	16	199	8	8	448	167	88	21	166	2	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	3	-	-	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	3	2	-	-	-	-	-	-	-	-	-	-	-	-
18 Glass	-	66	-	-	42	25	13	11	26	3	-	-	-	-
19 Refractory and ceramic goods	-	34	7	-	12	29	10	11	11	0	-	-	-	-
20 Inorganic chemicals	0	19	-	-	-	1	21	1	7	-	-	-	-	-
21 Organic chemicals	0	-	-	-	-	-	15	1	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	22	21	-	-	92	46	1	2	-	-	-	-	10	-
24 Paints, dyes, printing ink etc	0	72	-	-	93	5	5	4	6	1	-	-	-	-
25 Special chemicals for industry etc	23	52	29	33	-	14	40	35	172	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	0	-	-	-	-	2	0	1	1	-	-	-	-	-
28 Chemical products nes	-	-	-	-	-	-	-	4	65	32	-	-	-	-
29 Man-made fibres	-	-	-	-	14	2	-	-	-	-	-	-	-	-
30 Metal castings etc	122	692	8	125	7	187	65	96	154	56	-	-	-	-
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	3	-	-	-	2	-	-	-	-	-	-	-	-	-
33 Metal goods nes	5	84	25	5	5	5	19	143	31	9	-	-	-	-
34 Industrial plant and steelwork	-	51	-	-	0	95	0	2	0	1	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	1	38	1	0	1	1	1	1	1	1	3	1	-	-
37 Engineers' small tools	1	15	22	-	2	1	3	9	11	1	-	-	-	-
38 Textile etc machinery	0	7	0	0	0	0	0	0	0	0	0	0	0	-
39 Process machinery and contractors	3	6	4	0	4	1	3	5	1	13	-	-	-	-
40 Mining etc equipment	3	33	1	0	2	2	1	1	1	2	3	3	3	-
41 Mech power transmission equipment	64	35	16	-	0	0	3	3	0	0	-	-	-	-
42 Other machinery etc	43	1,330	134	33	4	218	75	163	1	11	-	-	-	-
43 Ordnance, small arms and ammunition	-	-	45	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	2	12	2	1,415	9	10	10	270	3	96	-	-	-	-
45 Insulated wires and cables	0	15	-	33	52	44	19	47	1	0	-	-	-	-
46 Basic electrical equipment	11	182	29	151	13	189	52	135	35	101	-	-	-	-
47 Industrial electrical equipment	3	6	1	0	1	5	70	5	0	3	-	-	-	-
48 Telecommunication etc equipment	1	35	1	18	7	59	5	443	6	44	-	-	-	-
49 Electronic components	-	182	94	1,718	30	108	183	1,666	432	1,052	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-	-	-	-	19
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-	-	-	-	1
52 Electric lighting equipment, etc	-	-	-	-	-	-	-	-	-	-	-	-	-	0
53 Motor vehicles and parts	19	63	-	0	0	9	108	-	-	0	-	-	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	1	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	12	8	24	7	4	4	3	71	3	5	-	-	-	-
58 Oils and fats	0	0	0	0	0	0	0	0	0	0	-	-	-	-
59 Slaughtering and meat processing	0	3	3	3	1	1	1	1	1	1	-	-	-	-
60 Milk and milk products	0	2	0	0	0	0	1	0	0	0	-	-	-	-
61 Fruit, veg and fish processing	0	2	0	0	0	0	1	0	0	0	-	-	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	0	2	0	0	0	0	0	0	0	0	-	-	-	-
64 Sugar	0	0	0	0	0	0	0	0	0	0	-	-	-	-
65 Confectionery	0	2	0	0	0	0	0	0	0	0	-	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	0	2	0	0	0	0	0	0	0	0	-	-	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	6	-	-	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	28	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76 Juta etc	-	21	-	-	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	33	46	-	78	2	3	0	1	17	3	-	-	-	-
82 Wooden furniture etc	-	6	-	-	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	51	-	-	-	-	-	-	-	-	-	-	-	-
84 Paper and board products	0	148	6	178	22	35	28	38	29	49	-	-	-	-
85 Printing and publishing	8	60	5	57	8	19	20	59	26	29	-	-	-	-
86 Rubber products	9	116	-	25	-	3	13	21	1	1	-	-	-	-
87 Processing of plastics	1	116	-	181	19	69	73	91	55	134	-	-	-	-
88 Jewellery and coins	0	-	-	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-	-	-	-	-
91 Construction	5	18	4	6	2	4	11	24	2	25	-	-	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	-	-	4	0	3	1	1	2	6	0	-	-	-	-
95 Hotels, catering, pubs etc	3	20	4	15	3	7	5	9	15	6	-	-	-	-
96 Railways	3	12	1	11	1	9	5	9	9	5	-	-	-	-
97 Road and other inland transport	12	88	2	36	19	30	21	35	19	31	-	-	-	-
98 Sea transport	1	6	1	6	0	4	2	5	3	2	-	-	-	-
99 Air Transport	1	6	1	5	0	4	2	4	3	1	-	-	-	-
100 Transport services	5	38	3	32	5	12	10	34	16	18	-	-	-	-
101 Postal services	2	13	0	4	2	5	4	9	5	5	-	-	-	-
102 Telecommunications	8	47	2	33	6	15	13	44	19	11	-	-	-	-
103 Banking and finance	17	137	10	108	17	45	35	118	58	63	-	-	-	-
104 Insurance	9	56	6	14	7	21	13	31	16	6	-	-	-	-
105 Auxiliary financial services	0	1	0	0	0	0	0	0	0	0	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	2	13	1	11	2	4	3	11	6	6	-	-	-	-
108 Accountancy services	3	25	4	20	3	8	6	22	11	12	-	-	-	-
109 Other professional services	27	196	22	169	38	64	53	161	63	130	-	-	-	-
110 Advertising	3	25	2	21	3	8	7	22	11	12	-	-	-	-
111 Computing services	3	22	2	18	3	7	6	19	9	11	-	-	-	-
112 Other business services	18	140	15	128	28	49	36	113	45	72	-	-	-	-
113 Renting of movables	12	71	4	59	7	19	29	59	36	9	-	-	-	

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases										59 Fats	59 Meat	60 Milk
	51 Dom elec	52 El light	53 Mot veh	54 Ships	55 Aero	56 Oth veh	57 Inst eng	58 Pats	59 Meat				
1 Agriculture	-	-	-	-	-	-	-	-	389	1,984	2,637	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	2	-	-	-
3 Fishing	-	-	7	-	4	1	-	-	1	1	-	3	-
4 Coal extraction etc	0	1	-	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	2	69	17	45	4	16	9	90	46	33	33	-
6 Coke ovens, oil proc, nuclear fuel	9	7	87	22	31	7	17	9	61	20	8	8	-
7 Electricity production	6	7	43	5	17	6	9	8	20	4	27	27	-
8 Gas	3	4	-	2	0	4	0	2	-	-	-	-	-
9 Water supply	0	-	7	2	1	1	0	2	-	-	-	-	-
10 Extraction - metal ore & minerals	2	1	32	3	1	1	-	-	-	-	-	-	-
11 Iron and steel	78	39	921	86	34	29	70	-	-	-	-	-	-
12 Aluminium etc	19	33	164	0	91	9	17	-	-	-	-	-	-
13 Other non-ferrous metals	29	47	236	6	50	2	35	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	0	-	-	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	0	0	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	57	0	2	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	4	-	-	0	2	-	15	-	-	-	-	-	-
18 Glass	8	34	212	6	-	-	-	-	-	0	57	-	-
19 Refractory and ceramic goods	29	27	292	0	-	-	-	-	17	0	-	-	-
20 Inorganic chemicals	3	-	11	0	1	-	-	-	1	-	-	-	-
21 Organic chemicals	9	-	-	0	1	-	-	-	1	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	53	1	58	10	23	1	33	0	1	-	-	-	-
24 Paints, dyes, printing ink etc	15	29	102	2	9	2	25	0	15	-	-	-	-
25 Special chemicals for industry etc	2	32	16	3	18	2	-	-	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	-	-	-	1	2	-	-	-	-	-	-	-	-
28 Chemical products nes	-	-	-	-	-	-	-	4	-	-	-	-	-
29 Man-made fibres	-	5	-	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	67	37	1,585	30	230	52	57	-	-	-	-	-	-
31 Metal doors, windows etc	-	-	2	0	-	-	-	-	-	94	132	-	-
32 Packaging products of metal	-	-	4	-	-	-	-	-	-	11	2	-	-
33 Metal goods nes	5	5	172	25	7	117	110	-	-	-	-	-	-
34 Industrial plant and steelwork	2	0	-	-	-	-	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	0	0	17	0	3	0	1	-	-	-	-	-	-
37 Engineers small tools	5	5	54	1	24	0	1	-	-	-	-	-	-
38 Textile etc machinery	0	0	0	-	-	-	-	-	-	56	21	-	-
39 Process machinery and contractors	0	2	37	0	12	1	0	-	-	-	-	-	-
40 Mining etc equipment	0	0	21	26	11	0	0	-	-	-	-	-	-
41 Mech power transmission equipment	0	0	557	22	18	4	-	-	-	16	0	-	-
42 Other machinery etc	35	5	58	279	219	101	4	0	-	-	-	-	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	15	0	-	-
44 Office machinery, computers etc	0	8	33	10	68	2	4	0	-	-	-	-	-
45 Insulated wires and cables	23	8	189	16	8	0	0	-	-	22	0	-	-
46 Basic electrical equipment	106	75	11	40	22	31	99	-	-	-	-	-	-
47 Industrial electrical equipment	1	10	905	7	5	2	1	-	-	-	-	-	-
48 Telecommunication etc equipment	15	5	6	75	390	0	56	-	-	-	-	-	-
49 Electronic components	63	72	-	27	54	38	377	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	40	-	-	-	-	-	-	1	-	-	-
51 Domestic electric appliances	21	-	18	-	-	-	-	-	-	2	-	-	-
52 Electric lighting equipment, etc	2	9	2	0	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	-	-	-	3,067	4	18	1	0	-	-	-	-	-
54 Shipbuilding and repairing	-	-	-	-	149	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	3,704	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	112	99	0	369	52	20	-	-
57 Instrument engineering	0	4	26	28	6	0	0	0	28	257	2	-	-
58 Oils and fats	0	0	0	0	0	0	0	0	35	84	575	-	-
59 Slaughtering and meat processing	1	0	7	1	3	2	1	0	0	66	28	-	-
60 Milk and milk products	6	0	4	0	1	0	0	0	0	200	14	-	-
61 Fruit, veg and fish processing	0	0	3	0	1	0	0	0	0	3	1	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	1	58	-	-
63 Bread, biscuits, etc	0	0	4	0	1	0	0	0	0	6	1	-	-
64 Sugar	0	0	0	0	0	0	0	0	0	0	0	-	-
65 Confectionery	0	0	3	0	1	0	0	0	0	161	-	-	-
66 Animal feeding stuffs	-	-	-	3	0	1	0	0	0	167	30	-	-
67 Miscellaneous foods	0	0	3	0	1	0	0	0	0	0	61	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	31	-	-	1	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	15	-	75	-	2	3	1	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	6	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	44	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	93	11	6	5	9	-	-	-	-	-	-
76 Jute etc	-	-	23	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	37	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	8	1	132	11	1	7	-	-	-	3	-	-	-
81 Timber and wood products	8	0	0	-	-	-	-	-	-	0	-	-	-
82 Wooden furniture etc	-	-	46	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	31	26	66	1	25	1	60	6	192	118	-	-	-
84 Paper and board products	14	7	109	9	43	3	29	11	41	20	-	-	-
85 Printing and publishing	25	1	603	2	18	0	16	-	-	1	-	-	-
86 Rubber products	105	56	1,222	26	5	15	2,65	72	267	173	-	-	-
87 Processing of plastics	-	-	-	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	0	0	0	0	0	0	0	0	0	0	0
91 Construction	0	3	58	0	38	1	8	1	13	28	-	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	21	0	18	0	2	0	25	52	-	-	-
94 Distribution & vehicle repair etc	0	1	38	4	16	7	27	0	17	11	-	-	-
95 Hotels, catering, pubs etc	3	3	60	3	3	10	5	3	4	7	-	-	-
96 Railways	-	-	2	2	1	2	2	2	2	2	39	-	-
97 Road and other inland transport	23	14	303	5	12	4	20	5	56	132	3	-	-
98 Sea transport	1	1	31	1	2	3	5	5	2	2	3	-	-
99 Air Transport	1	1	29	1	2	3	7	7	16	13	-	-	-
100 Transport services	8	4	66	6	23	2	18	9	3	3	3	-	-
101 Postal services	3	1	9	1	3	1	9	5	12	7	9	-	-
102 Telecommunications	5	5	40	9	18	2	23	5	13	10	45	-	-
103 Banking and finance	29	15	229	20	80	8	66	24	56	27	11	-	-
104 Insurance	8	6	65	21	32	4	20	6	0	0	0	0	-
105 Auxiliary financial services	0	0	1	0	0	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	3	1	22	2	8	1	6	2	2	12	4	-	-
108 Accountancy services	5	3	43	4	15	1	12	5	27	76	44	-	-
109 Other professional services	29	22	388	56	231	18	63	27	76	11	9	-	-
110 Advertising	5	3	44	4	15	1	12	5	12	11	7	-	-
111 Computing services	5	2	38	3	13	1	10	4	4	11	7	-	-
112 Other business services	24	17	313	12	151	14	46	22	59	38	-	-	-
113 Renting of movables	11	6	106	17	44	6	29	6	51	24	-	-	-
114 Owning and dealing in real estate	9	13	57	37	20	3	43	5	14	8	8	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	10	6	-	-
116 Sanitary services	4	3	40	8	37	1	10	4	12	8	8	-	-
117 Education	5	3	41	4	15	1	11	4	12	9	9	-	-
118 Research and development	6	3	47	4	17	2	13	5	13	8	5	-	-
119 Health services	3	2	28	2	10								

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

f million

Products	Industry purchases											70 Tobacco
	61 Fruit proc	62 Grain	63 Bread	64 Sugar	65 Confecfy	66 Ann feed	67 Oth foods	68 Alc drink	69 Soft drink	70 Tobacco		
1 Agriculture	141	800	-	264	254	796	619	362	9	307	-	
2 Forestry	-	-	-	-	10	-	-	-	-	-	-	
3 Fishing	394	-	2	-	2	1	2	6	0	-	-	
4 Coal extraction etc	1	2	0	-	2	1	2	6	0	-	-	
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-	-	
6 Coke ovens, oil proc, nuclear fuel	6	6	39	20	8	25	29	56	12	4	-	
7 Electricity production	18	16	36	3	29	24	26	38	9	50	-	
8 Gas	9	6	34	10	15	6	19	30	3	10	-	
9 Water supply	17	0	-	0	2	3	5	17	8	0	-	
10 Extraction - metal ores & minerals	-	-	-	-	-	2	1	-	-	-	-	
11 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-	-	
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-	-	
15 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-	-	
17 Concrete, asbestos, abrasive prods	-	-	-	4	-	-	-	-	-	-	-	
18 Glass	34	-	-	-	-	-	-	116	235	57	-	
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	-	-	
20 Inorganic chemicals	0	0	-	-	-	15	3	0	-	0	-	
21 Organic chemicals	0	0	-	-	1	2	1	1	3	0	-	
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-	-	
24 Paints, dyes, printing ink etc	0	0	0	0	1	3	1	0	-	0	-	
25 Special chemicals for industry etc	5	4	3	2	85	13	96	31	123	1	-	
26 Pharmaceutical products	-	-	-	-	0	120	4	-	-	0	-	
27 Soap and toilet preparations	0	0	-	-	9	2	1	12	-	0	-	
28 Chemical products nes	-	-	-	-	-	-	1	-	-	-	-	
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	
30 Metal castings etc	0	0	-	-	-	3	1	0	-	0	-	
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-	-	
32 Packaging products of metal	124	-	4	-	69	182	229	327	211	20	-	
33 Metal goods nes	6	1	3	1	4	4	10	3	1	-	-	
34 Industrial plant and steelwork	0	1	3	1	1	2	3	2	0	-	-	
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	
36 Metal-working machine tools	0	-	0	0	0	0	0	0	0	0	-	
37 Engineers small tools	5	0	6	0	0	1	0	0	0	0	-	
38 Textile etc machinery	2	-	1	3	2	7	7	3	1	1	-	
39 Process machinery and contractors	7	4	41	26	15	42	27	10	8	2	-	
40 Mining etc equipment	1	0	1	2	1	3	5	10	3	-	-	
41 Mach power transmission equipment	-	-	-	-	-	-	-	-	-	-	-	
42 Other machinery etc	0	2	8	2	7	4	7	1	0	1	-	
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-	-	
44 Office machinery, computers etc	0	2	7	2	4	4	7	5	0	2	-	
45 Insulated wires and cables	-	-	-	-	-	-	-	-	-	-	-	
46 Basic electrical equipment	0	0	1	0	1	0	1	1	0	0	-	
47 Industrial electrical equipment	0	2	0	0	1	1	1	0	0	0	-	
48 Telecommunication etc equipment	0	0	2	1	2	1	2	3	1	1	-	
49 Electronic components	-	-	-	-	-	-	-	-	-	-	-	
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-	-	
51 Domestic electric appliances	0	-	1	0	0	0	1	0	0	0	-	
52 Electric lighting equipment, etc	-	-	-	-	-	-	-	-	-	-	-	
53 Motor vehicles and parts	-	-	-	9	-	-	-	-	-	-	-	
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	
56 Other vehicles	-	-	-	-	-	-	-	-	-	-	-	
57 Instrument engineering	0	0	5	0	0	0	0	0	0	0	-	
58 Oils and fats	13	0	87	39	198	53	82	0	0	0	-	
59 Slaughtering and meat processing	71	1	37	1	173	49	32	1	1	1	-	
60 Milk and milk products	32	8	146	81	109	89	11	1	1	1	-	
61 Fruit, veg and fish processing	192	0	126	11	185	82	77	32	0	0	-	
62 Grain milling and starch	35	42	639	63	176	231	77	1	1	1	-	
63 Bread, biscuits, etc	0	0	5	1	2	1	1	1	1	0	-	
64 Sugar	52	0	153	398	220	56	77	62	171	0	-	
65 Confectionery	0	0	81	0	203	1	3	1	0	1	-	
66 Animal feeding stuffs	-	-	-	-	-	26	-	-	-	-	-	
67 Miscellaneous foods	76	19	178	0	7	27	89	26	3	1	-	
68 Alcoholic drink	-	1	7	-	6	-	2	635	1	209	-	
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-	-	
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-	-	
74 Textile finishing	-	-	-	-	-	-	-	-	-	-	-	
75 Carpets etc	-	-	-	-	-	-	-	-	-	-	-	
76 Jute etc	-	-	-	-	-	-	-	-	-	-	-	
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	
79 Clothing and furs	-	-	-	0	-	-	-	-	-	-	-	
80 Household and other textiles	-	-	0	3	1	-	-	4	-	-	-	
81 Timber and wood products	-	0	-	3	1	-	-	-	-	-	-	
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-	-	
83 Pulp, paper and board	-	1	-	-	-	-	-	1	-	81	-	
84 Paper and board products	59	15	138	24	123	32	129	59	28	143	-	
85 Printing and publishing	12	4	28	4	50	28	88	55	23	29	-	
86 Rubber products	-	0	3	-	-	-	-	-	-	-	-	
87 Processing of plastics	82	6	320	1	216	4	223	20	298	34	-	
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-	-	
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-	-	
90 Other goods	-	-	-	-	-	-	-	-	-	-	-	
91 Construction	0	4	16	3	7	6	17	51	3	2	-	
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	
94 Distribution & vehicle repair etc	0	3	22	0	4	4	9	13	11	0	-	
95 Hotels, catering, pub etc	4	3	10	2	7	7	10	16	5	14	-	
96 Railways	1	4	3	4	8	0	11	20	0	7	-	
97 Road and other inland transport	60	54	55	34	143	82	98	66	53	12	-	
98 Sea transport	1	2	1	2	4	0	6	10	0	4	-	
99 Air Transport	0	2	1	2	4	0	5	10	0	3	-	
100 Transport services	8	2	18	2	12	18	56	35	15	19	-	
101 Postal services	1	0	3	0	4	5	3	2	1	1	-	
102 Telecommunications	4	2	13	1	12	9	9	12	7	3	-	
103 Banking and finance	27	8	65	8	107	61	189	121	51	64	-	
104 Insurance	8	4	24	3	9	10	14	23	5	6	-	
105 Auxiliary financial services	0	0	0	0	0	0	1	0	0	0	-	
106 Estate agents	3	1	6	1	11	6	19	12	5	6	-	
107 Legal services	5	1	12	2	24	12	36	23	10	12	-	
108 Accountancy services	5	8	77	15	67	58	97	94	52	26	-	
109 Other professional services	33	8	2	2	21	12	37	23	10	12	-	
110 Advertising	5	1	12	1	10	10	32	20	8	11	-	
111 Computing services	4	1	10	1	16	10	22	77	42	20	-	
112 Other business services	25	5	64	12	52	48	77	71	49	35	-	
113 Renting of movables	11	3	30	8	22	15	22	21	49	3	-	
114 Owning and dealing in real estate	9	3	58	6	20	7	29	11	11	7	-	
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	
116 Sanitary services	4	1	9	1	14	8	24	17	7	8	-	
117 Education	5	1	11	1	20	11	35	22	9	12	-	
118 Research and development	6	2	13	2	23	13	40	25	11	13	-	
119 Health services	3	1	8	1	13	8	24	15	6	8	-	
120 Recreational and welfare services	4	1	9	1	17	9	29	18	8	10	-	
121 Personal services	-	-	-	-	-	-	-	-	-	-	-	
122 Domestic services	-	-	-	-	-	-	-	-	-	-	-	
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	
124 Total intermediate	1,626	1,070	2,699	872	2,313	2,662	3,301	2,900	1,779	935	-	
125 Sales by final demand	-	2	-	-	-	-	-	-	2	-	-	
126 Taxes on expenditure less subsidies	-90	12	49	-49	32	-134	39	2,509	28	5,015	-	
127 Value added	698	333	2,148	388	1,299	789	1,836	1,919	736	1,024	-	
128 Total inputs	2,234	1,417	4,896	1,211	3,644	3,317	5,176	7,328	2,544	6,974	-	

Table 3 : Demand for products (The ‘combined use matrix’) - for 1990 (cont)

\$ million

Products	Industry purchases										79 Clothing Hld	80 textiles
	71 Wool	72 Cotton	73 Hosiery	74 Text fin	75 Carpets	76 Jute etc	77 Leather	78 Footwear	79 Clothing Hld	80 textiles		
1 Agriculture	197	43	-	-	-	-	9	-	-	-	0	-
2 Forestry	-	-	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	0	-	2	-	0	-	-	-	-	-
4 Coal extraction etc	-	-	-	8	8	1	0	-	-	-	-	-
5 Extraction - oil and gas	-	-	0	8	8	9	4	1	1	1	2	2
6 Coke ovens, oil proc, nuclear fuel	0	4	0	12	8	5	3	2	2	2	2	2
7 Electricity production	12	18	11	12	5	0	-	-	-	-	-	-
8 Gas	5	4	7	12	1	-	-	-	-	-	-	-
9 Water supply	2	1	5	3	1	0	-	-	-	-	-	-
10 Extraction - metal ores & minerals	-	0	-	-	-	0	-	-	-	-	-	-
11 Iron and steel	-	0	-	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	0	-	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	-	0	-	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	-	-	-	-	-	-
18 Glass	-	0	-	-	-	-	-	-	-	-	-	-
19 Refractory and ceramic goods	-	0	-	21	0	3	-	-	-	-	-	-
20 Inorganic chemicals	-	6	-	27	0	1	-	-	1	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	1	-	18	40	65	28	1	15	9	9	1
24 Paints, dyes, printing ink etc	17	12	31	55	15	3	8	-	4	-	-	-
25 Special chemicals for industry etc	8	6	-	11	6	-	-	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	3	0	-	-	0	0	-	-	-	-	-	-
28 Chemical products nes	-	-	-	-	-	-	-	-	-	-	-	-
29 Man-made fibres	54	288	209	-	71	109	-	-	-	-	-	1
30 Metal castings etc	-	1	-	-	-	0	-	-	-	-	-	-
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	-	-	-
33 Metal goods nes	1	1	0	1	1	6	25	9	18	10	-	-
34 Industrial plant and steelwork	0	0	3	1	2	0	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	0	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	-	0	2	2	0	1	-	-	-	-	-	-
37 Engineers small tools	0	2	12	9	6	0	-	-	-	-	-	-
38 Textile etc machinery	7	2	21	11	0	0	-	-	-	-	-	-
39 Process machinery and contractors	0	4	1	1	0	0	-	-	-	-	-	-
40 Mining etc equipment	2	0	-	-	-	-	-	-	-	-	-	-
41 Mech power transmission equipment	-	0	6	4	1	-	-	-	-	-	-	-
42 Other machinery etc	0	0	-	-	-	-	-	-	-	-	-	-
43 Ordnance, small arms and ammunition	-	0	0	0	40	0	-	-	-	-	-	-
44 Office machinery, computers etc	0	0	-	-	-	-	-	-	-	-	-	-
45 Insulated wires and cables	-	0	0	0	0	0	-	-	-	-	-	-
46 Basic electrical equipment	-	0	0	0	0	0	-	-	-	-	-	-
47 Industrial electrical equipment	0	0	1	0	0	0	-	-	-	-	-	-
48 Telecommunication etc equipment	1	0	3	1	1	0	-	-	-	-	-	-
49 Electronic components	-	-	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	2	0	1	1	0	1	-	-	-	-	-	-
52 Electric lighting equipment, etc	-	-	-	-	-	-	13	-	-	-	-	-
53 Motor vehicles and parts	-	-	-	-	-	-	-	-	-	-	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	-	-	-	-	-	-	-	-	-	-	-	-
58 Oils and fats	7	0	1	0	0	0	223	0	0	0	0	0
59 Slaughtering and meat processing	0	0	100	0	0	0	0	0	0	0	0	0
60 Milk and milk products	0	0	0	0	0	0	0	0	0	0	0	0
61 Fruit, veg and fish processing	0	0	0	0	0	0	0	0	0	0	0	0
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	0	0	0	0	0	0	0	0	0	0	0	0
64 Sugar	0	0	0	0	0	0	0	0	0	0	0	0
65 Confectionery	-	-	-	-	-	-	-	-	-	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-	1	0
67 Miscellaneous foods	0	0	0	0	0	0	0	0	0	0	0	0
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	321	51	192	56	259	7	4	-	237	-	-	-
72 Cotton etc spinning and weaving	22	230	159	70	96	71	15	-	1,039	376	-	-
73 Hosiery and other knitted goods	-	-	62	-	5	4	-	-	180	22	-	-
74 Textile finishing	-	2	7	0	7	1	-	-	3	21	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	1	1	-	-
76 Jute etc	28	15	29	49	77	70	3	26	158	48	-	-
77 Leather and leather goods	-	-	-	-	-	-	148	206	16	4	-	-
78 Footwear	-	-	-	-	-	-	68	-	88	-	-	-
79 Clothing and furs	-	-	-	-	-	-	0	-	0	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	12	-	-	-
81 Timber and wood products	-	-	-	-	-	-	-	-	19	-	-	-
82 Wooden furniture etc	-	-	-	-	-	-	-	-	27	80	-	-
83 Pulp, paper and board	-	-	-	-	-	-	-	-	4	22	26	-
84 Paper and board products	9	12	53	8	9	23	13	4	8	22	6	-
85 Printing and publishing	19	4	8	3	7	5	4	1	1	1	1	-
86 Rubber products	-	1	-	-	-	-	3	2	1	1	1	-
87 Processing of plastics	2	-	35	-	-	-	-	-	99	90	8	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-	0	4
90 Other goods	-	-	-	-	-	-	-	-	-	-	0	2
91 Construction	1	2	5	4	2	2	0	0	0	0	0	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	1	0	1	-
94 Distribution & vehicle repair etc	0	0	1	2	0	1	0	1	2	2	2	-
95 Hotels, catering, pub etc	3	2	4	2	2	2	1	1	1	1	1	-
96 Railways	2	0	2	1	1	1	1	1	1	1	1	-
97 Road and other inland transport	9	7	19	9	20	11	1	1	0	0	0	-
98 Sea transport	1	0	1	1	1	1	1	1	0	0	0	-
99 Air Transport	1	0	1	1	1	1	1	1	0	0	0	-
100 Transport services	2	3	5	2	4	3	2	2	4	4	4	-
101 Postal services	1	1	3	1	1	1	1	1	2	2	2	-
102 Telecommunications	2	3	6	2	3	3	3	3	2	2	2	-
103 Banking and finance	10	10	19	7	15	8	5	5	10	16	16	-
104 Insurance	10	8	10	6	8	6	5	5	5	5	5	-
105 Auxiliary financial services	0	0	0	0	0	0	0	0	0	0	0	-
106 Estate agents	-	-	-	-	-	-	-	-	1	1	1	-
107 Legal services	1	1	2	1	1	1	1	1	1	1	1	-
108 Accountancy services	2	2	3	1	3	3	2	2	3	3	3	-
109 Other professional services	27	22	34	15	22	13	16	19	83	23	-	-
110 Advertising	2	2	3	1	3	1	1	1	2	2	2	-
111 Computing services	1	1	3	1	1	1	1	1	2	2	2	-
112 Other business services	17	16	24	10	17	10	5	5	13	14	14	-
113 Renting of movables	4	6	8	5	3	3	4	4	2	2	2	-
114 Owning and dealing in real estate	3	2	7	4	4	2	2	1	2	2	2	-
115 Public administration	-	-	-	-	-	-	-	-	10	9	9	-
116 Sanitary services	3	2	3	1	1	1	1	1	3	3	3	-
117 Education	1	1	2	4	1	3	2	2	2	3	3	-
118 Research and development	2	2	4	1	3	2	1	1	2	2	2	-
119 Health services	1	1	2	1	1	1	1	1	1	2	2	-
120 Recreational and welfare services	1	1	3	1	1	1	1	1	1	2	2	-
121 Personal services	-	-	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	832	804	1,037	472	764	513	570	647	2,438	718	-	-
125 Sales by final demand	1	2	2	3	3	3	8	20	46	-	-	-
126 Taxes on expenditure less subsidies	10	14	18	11	10	11	8	20	46	-	-	-
127 Value added	446	452	848	390	450	357	259	551	2,185	394	-	-
128 Total inputs	1,290	1,272	1,905	873	1,234	884	836	1,219	4,668	1,111	-	-

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases										88	89	90
	81	82	83	Pulp/paper	84	85	86	87	Jewellery	Sport goods			
	Timber	Wood fmn	Furn	Pulp/paper	Paper prods	Printing	Rubber	Plastics					
1 Agriculture	1	-	-	28	-	-	144	-	-	-	-	-	-
2 Forestry	227	0	-	-	-	-	-	-	-	-	-	-	-
3 Fishing	0	0	28	6	0	1	4	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	26	32	19	24	50	17	25	1	0	7	7	7
6 Coke ovens, oil proc, nuclear fuel	27	23	93	48	59	32	101	3	4	4	4	4	4
7 Electricity production	7	7	53	22	23	15	24	1	1	3	3	3	3
8 Gas	-	-	-	5	-	2	3	-	-	-	1	1	1
9 Water supply	-	-	7	5	-	2	2	3	-	-	1	1	1
10 Extraction - metal ores & minerals	1	4	-	0	0	2	2	2	-	-	1	1	1
11 Iron and steel	33	121	-	-	14	79	64	-	-	-	11	11	11
12 Aluminium etc	3	35	-	5	16	-	1	-	-	-	42	42	42
13 Other non-ferrous metals	3	15	-	2	2	7	44	313	-	-	27	27	27
14 Extraction - stone/clay/sand/gravel	-	-	12	0	-	-	-	-	-	-	-	-	-
15 Structural clay products	0	-	-	-	-	-	9	1	-	-	-	-	-
16 Cement, lime and plaster	0	-	-	-	-	2	13	9	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	10	1	-	-	-	-	-	-	-	-	-	-	-
18 Glass	27	33	2	-	1	-	58	-	-	-	9	9	9
19 Refractory and ceramic goods	0	-	-	-	-	-	6	-	-	-	2	2	2
20 Inorganic chemicals	0	-	55	1	8	32	42	0	0	2	4	4	4
21 Organic chemicals	22	-	73	18	11	124	193	0	0	0	10	10	10
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	29	8	40	80	18	257	2,207	1	33	23	-	-	-
24 Paints, dyes, printing ink etc	34	33	26	78	273	2	77	0	0	4	12	12	12
25 Special chemicals for industry etc	46	14	2	59	62	15	60	1	1	2	2	2	2
26 Pharmaceutical products	-	-	-	0	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	2	-	0	1	12	1	3	0	0	0	0	0	0
28 Chemical products nec	-	-	-	2	106	-	-	-	-	-	-	-	-
29 Man-made fibres	3	-	4	37	-	34	10	-	-	-	-	-	-
30 Metal castings etc	39	46	0	3	17	0	6	1	7	6	6	6	6
31 Metal doors, windows etc	0	-	-	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	0	19	13	-	41	-	-	-	1	1	1
33 Metal goods nec	65	173	15	55	51	96	207	1	7	7	63	63	63
34 Industrial plant and steelwork	1	0	2	2	3	0	11	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	2	0	0	1	0	0	0	0	0	0	14	0	0
37 Engineers' small tools	4	2	4	11	21	8	16	1	0	0	3	3	3
38 Textile etc machinery	0	10	24	37	28	6	7	-	-	-	-	-	-
39 Process machinery and contractors	2	0	28	29	41	33	39	2	-	-	-	-	-
40 Mining etc equipment	1	1	10	8	11	5	29	-	-	-	-	-	-
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	2	17	25	21	28	15	37	1	1	1	-	-	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	2	1	13	12	21	1	8	-	-	-	-	-	-
45 Insulated wires and cables	-	-	-	0	-	-	1	-	-	-	-	-	-
46 Basic electrical equipment	6	5	2	1	2	0	0	0	-	-	4	3	3
47 Industrial electrical equipment	0	1	1	1	1	1	2	-	-	-	-	-	-
48 Telecommunication etc equipment	-	0	3	3	4	0	?	-	-	-	10	-	-
49 Electronic components	-	27	-	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	0	0	11	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-	0	0	0
52 Electric lighting equipment, etc	0	-	-	-	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	-	-	6	-	-	-	-	-	-	-	-	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	0	0	2	2	5	0	0	5	0	0	12	0	0
58 Oils and fats	0	0	0	0	0	0	0	0	0	0	0	0	0
59 Slaughtering and meat processing	2	2	1	2	6	3	1	4	0	0	0	0	0
60 Milk and milk products	1	1	1	1	1	1	1	1	1	0	0	0	0
61 Fruit, veg and fish processing	1	1	1	1	1	1	1	1	1	0	0	0	0
62 Grain milling and starch	2	-	-	31	1	3	1	2	0	0	0	0	0
63 Bread, biscuits, etc	1	-	1	1	0	0	0	0	0	0	0	0	0
64 Sugar	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Confectionery	1	1	1	1	3	0	0	1	0	0	0	0	0
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	1	1	2	1	3	1	1	0	0	0	0	0	0
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	0	19	-	7	-	-	-	2	-	-	12	23	23
72 Cotton etc spinning and weaving	1	221	-	31	3	122	29	-	-	-	2	78	-
73 Hosiery and other knitted goods	-	-	-	13	17	7	3	-	-	-	-	-	-
74 Textile finishing	-	31	-	13	10	2	29	1	-	-	2	-	-
75 Carpets etc	8	57	-	-	-	-	-	1	-	-	24	-	-
76 Jute etc	8	-	21	16	-	11	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	22	-	1	0	0	0	23	-	-	-	-	-
81 Timber and wood products	1,392	655	42	33	3	14	23	-	-	-	14	-	-
82 Wooden furniture etc	7	519	-	25	-	-	-	-	-	-	12	-	-
83 Pulp, paper and board	12	16	777	2,218	2,467	1	88	-	-	-	56	-	-
84 Paper and board products	31	33	31	180	113	18	77	8	30	54	-	-	-
85 Printing and publishing	25	29	10	89	694	19	62	8	8	7	-	-	-
86 Rubber products	1	2	8	1	3	51	42	-	-	-	13	-	-
87 Processing of plastics	36	208	-	154	101	7	781	1	68	174	-	-	-
88 Jewellery and coins	-	-	-	-	1	-	-	7	-	-	-	-	-
89 Sports goods and toys	-	-	-	0	6	-	-	8	-	-	29	-	-
90 Other goods	1	1	-	1	2	-	-	8	-	-	25	-	-
91 Construction	31	0	13	20	105	15	23	1	6	6	30	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	17	0	2	5	16	5	9	1	1	3	12	-	-
95 Hotels, catering, pubs etc	8	10	6	14	34	5	17	1	1	1	4	-	-
96 Railways	2	6	7	11	126	1	11	2	2	2	1	1	1
97 Road and other inland transport	99	78	125	223	223	48	189	1	9	9	22	-	-
98 Sea transport	1	3	4	5	64	1	6	1	1	1	1	1	1
99 Air Transport	1	3	4	5	61	1	5	1	1	1	2	1	1
100 Transport services	12	18	7	27	96	10	35	3	5	5	5	5	5
101 Postal services	6	7	2	9	212	2	9	2	2	2	4	4	4
102 Telecommunications	18	20	7	24	108	9	34	1	1	1	7	-	-
103 Banking and finance	46	66	26	94	339	36	125	10	19	19	19	19	19
104 Insurance	31	31	17	32	63	21	49	3	4	4	8	8	8
105 Auxiliary financial services	0	0	0	1	0	0	1	0	0	0	0	0	0
106 Estate agents	-	-	-	-	-	-	-	-	-	-	-	-	-
107 Legal services	4	6	2	9	32	3	12	1	1	1	2	2	2
108 Accountancy services	8	12	5	17	63	7	23	2	2	2	3	3	3
109 Other professional services	74	134	54	126	232	36	168	13	13	13	21	-	-
110 Advertising	8	12	5	18	64	7	23	2	2	2	3	3	3
111 Computing services	7	11	4	15	55	6	20	2	2	2	3	3	3
112 Other business services	55	82	39	100	1,515	29	127	10	9	9	19	-	-
113 Renting of movables	37	51	15	51	107	19	68	1	1	1	10	-	-
114 Owning and dealing in real estate	36	52	8	52	240	22	81	3	3	3	13	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	9	19	6	15	47	5	22	1	2	2	2	2	2

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases		91 Construc	92 Whal Dist	93 Rte Dist	94 Vehic	95 repair	96 Hotels etc	97 Railways	98 Road	99 Sea	100 Air Trn services
	91	92										
1 Agriculture	-	73	164	18	562	-	-	-	22	-	-	-
2 Forestry	4	-	-	-	56	-	-	-	20	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	4	-	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	260	611	254	294	146	129	1,566	290	684	77	-	-
7 Electricity production	282	260	420	190	185	104	126	19	63	64	-	-
8 Gas	97	88	81	108	96	44	59	19	28	29	-	-
9 Water supply	43	24	45	12	20	5	7	2	7	11	-	-
10 Extraction - metal ores & minerals	36	-	-	-	-	-	-	-	-	-	-	-
11 Iron and steel	1,445	-	-	-	-	-	27	41	-	-	-	-
12 Aluminium etc	74	-	-	-	-	-	1	7	-	-	-	-
13 Other non-ferrous metals	120	-	-	-	-	-	26	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	38	-	-	-	-	-	2	-	-	-	-	-
15 Structural clay products	933	-	-	-	-	-	22	-	-	-	-	-
16 Cement, lime and plaster	608	62	-	-	-	-	16	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	6,454	259	21	-	-	-	50	-	-	-	-	-
18 Glass	461	46	17	12	6	11	10	2	2	7	-	-
19 Refractory and ceramic goods	462	35	10	10	10	2	7	-	-	-	-	-
20 Inorganic chemicals	5	-	-	-	-	-	-	-	-	-	-	-
21 Organic chemicals	7	-	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	2	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	149	-	-	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	306	7	18	3	18	11	-	-	-	-	-	-
25 Special chemicals for industry etc	93	88	76	11	-	-	12	21	-	-	-	-
26 Pharmaceutical products	2	11	18	8	11	-	-	-	-	-	-	-
27 Soap and toilet preparations	39	6	20	31	31	5	-	-	1	6	-	-
28 Chemical products nes	49	10	3	53	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	687	16	2	9	-	-	-	-	-	-	-	-
31 Metal doors, windows etc	611	-	-	-	-	-	5	-	-	-	-	-
32 Packaging products of metal	56	43	73	3	-	-	-	-	-	-	-	-
33 Metal goods nes	639	28	7	11	-	-	7	6	-	4	11	-
34 Industrial plant and steelwork	721	-	-	-	-	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	106	43	2	17	-	-	-	-	-	-	-	-
36 Metal-working machine tools	-	6	2	3	-	-	-	-	-	-	-	-
37 Engineers small tools	5	-	-	-	-	-	-	-	-	-	-	-
38 Textile etc machinery	283	3	2	9	-	-	-	-	-	-	-	-
39 Process machinery and contractors	26	-	-	-	-	-	-	-	-	-	-	-
40 Mining etc equipment	323	4	1	-	-	-	-	-	-	-	-	-
41 Mech power transmission equipment	52	-	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	1,032	58	17	327	-	9	-	-	1	-	-	-
43 Ordnance, small arms and ammunition	2	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	8	-	1	2	1	2	1	2	1	1	-	-
45 Insulated wires and cables	263	-	-	3	-	4	-	-	2	-	-	-
46 Basic electrical equipment	55	11	4	10	1	3	-	-	2	-	-	-
47 Industrial electrical equipment	34	9	3	6	-	2	8	-	2	-	-	-
48 Telecommunication etc equipment	129	15	3	11	4	7	1	-	21	19	-	-
49 Electronic components	-	2	-	1	-	2	-	-	-	-	-	-
50 Electronic consumer goods etc	-	29	14	32	-	2	26	-	-	5	-	-
51 Domestic electric appliances	68	37	92	47	-	3	85	3	5	6	-	-
52 Electric lighting equipment, etc	185	38	47	26	-	12	218	10	9	6	-	-
53 Motor vehicles and parts	130	206	91	619	21	4	402	4	-	25	-	-
54 Shipbuilding and repairing	-	-	8	-	-	-	-	-	170	-	-	-
55 Aerospace etc	-	-	6	-	-	-	4	-	-	218	18	-
56 Other vehicles	11	13	2	26	10	17	-	-	3	-	-	-
57 Instrument engineering	17	16	1	44	-	-	-	-	-	-	-	-
58 Oils and fats	9	5	27	22	33	0	0	3	1	2	-	-
59 Slaughtering and meat processing	40	99	357	88	668	8	10	7	15	10	-	-
60 Milk and milk products	23	111	191	55	459	6	6	4	9	9	-	-
61 Fruit, veg and fish processing	18	58	127	5	291	7	4	7	5	9	-	-
62 Grain milling and starch	-	12	12	-	14	-	-	-	-	-	-	-
63 Bread, biscuits, etc	21	518	627	6	782	8	15	10	10	8	-	-
64 Sugar	3	5	33	1	60	2	1	4	2	1	-	-
65 Confectionery	18	24	230	4	238	6	4	3	4	4	-	-
66 Animal feeding stuffs	-	2	1	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	19	82	164	9	265	7	5	7	9	15	-	-
68 Alcoholic drink	3	21	35	3	67	3	2	4	4	7	-	-
69 Soft drinks	8	17	28	1	249	9	2	2	2	17	-	-
70 Tobacco	6	32	65	1	80	2	1	5	5	10	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	8	-	1	-	3	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	5	9	5	13	-	-	-	-	-	-	-
74 Textile finishing	-	126	358	222	-	-	-	-	8	-	-	-
75 Carpets etc	215	38	14	1	59	1	2	-	-	-	11	-
76 Jute etc	35	8	3	7	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	31	57	300	47	-	-	-	-	-	-	-
78 Footwear	15	31	26	160	55	8	9	-	5	-	-	-
79 Clothing and furs	67	16	27	13	89	11	35	-	11	6	-	-
80 Household and other textiles	70	17	9	3	39	2	-	-	9	-	-	-
81 Timber and wood products	2,346	13	18	7	27	5	-	-	2	-	-	-
82 Wooden furniture etc	307	24	75	30	93	6	10	1	-	6	-	-
83 Pulp, paper and board	106	39	37	9	9	-	8	-	-	-	-	-
84 Paper and board products	101	452	180	140	190	13	92	-	11	49	-	-
85 Printing and publishing	261	566	173	339	106	26	154	7	25	199	-	-
86 Rubber products	132	290	44	274	9	339	-	-	27	4	-	-
87 Processing of plastics	1,016	297	87	272	18	46	174	17	-	55	-	-
88 Jewellery and coins	-	-	1	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	3	1	3	24	-	-	-	-	-	-	-
90 Other goods	15	11	1	5	3	3	8	2	-	1	-	-
91 Construction	22,991	198	251	80	101	20	29	9	-	45	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	67	720	250	1,005	187	319	1,110	56	99	174	-	-
95 Hotels, catering, pubs etc	178	89	872	38	36	15	33	15	47	38	-	-
96 Railways	49	119	29	60	30	31	11	7	4	36	-	-
97 Road and other inland transport	474	3,561	898	981	269	73	396	15	28	299	-	-
98 Sea transport	38	96	5	80	16	18	11	816	22	50	-	-
99 Air Transport	16	44	13	36	21	6	12	6	165	51	-	-
100 Transport services	76	3,000	425	526	234	78	697	1,017	796	2,840	-	-
101 Postal services	42	137	67	64	73	8	29	11	26	17	-	-
102 Telecommunications	222	494	185	234	295	43	149	50	67	209	-	-
103 Banking and finance	640	495	161	99	145	26	127	44	73	221	-	-
104 Insurance	386	325	92	80	149	33	99	97	144	234	-	-
105 Auxiliary financial services	123	74	58	14	12	5	11	27	28	11	-	-
106 Estate agents	174	9	26	3	43	3	3	2	10	12	-	-
107 Legal services	184	271	75	135	63	25	72	34	34	48	-	-
108 Accountancy services	534	329	225	240	115	22	63	26	27	60	-	-
109 Other professional services	734	120	121	178	92	21	91	23	10	98	-	-
110 Advertising	527	585	512	392	248	99	204	51	144	109	-	-
111 Computing services	489	576	340	364	286	125	341	107	361	357	-	-
112 Other business services	488	625	377	389	271	67	244	27	48	231	-	-
113 Renting of movables	1,412	48	18	98	8	3	177	2	8	107	-	-
114 Owning and dealing in real estate	2,300	1,770	3,555	272	292	46	209	133	171	241	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	50	32	35	47	62	12	20	12	14	19	-	-
117 Education	67	49	68	16	52	15	24	9	40	46	-	-
118 Research and development	139	52	49	12	21	62	39	24	20	40	-	-
119 Health services	103	74	30	42	65	14	25	11	20	14	-	-
120 Recreational and welfare services	26	24	17	7	125	17	22	2	14	4		

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases										109 Legal Accountancy	110 Other professional services
	101 Post	102 Telecom	103 Finance	104 Insurance	105 Oth fin serv	106 Estate ag	107 Advertising	108 Other pro serv	109 Accountancy	110 Advertising		
1 Agriculture	-	-	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	8	118	216	206	11	14	11	23	27	11	-	-
7 Electricity production	42	161	205	192	20	11	29	37	48	8	-	-
8 Gas	12	37	79	72	9	6	8	10	26	4	-	-
9 Water supply	3	5	12	10	1	1	2	2	5	2	-	-
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	-	-	-
11 Iron and steel	2	9	-	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	2	17	-	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	10	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	3	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prod	3	6	-	-	-	-	-	-	-	-	-	-
18 Glass	4	7	-	-	-	-	-	-	-	-	-	-
19 Refractory and ceramic goods	-	2	-	-	-	-	-	-	-	-	-	-
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	-	3	7	8	1	1	2	2	6	9	-	-
25 Special chemicals for industry etc	2	8	13	21	-	-	-	-	-	-	-	-
26 Pharmaceutical products	1	-	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	1	1	6	4	1	1	1	1	3	3	-	-
28 Chemical products nes	-	-	-	-	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	-	-	-	-	-	-	-	-	-	-	-	-
31 Metal doors, windows etc	-	-	-	2	7	2	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	-	-	-
33 Metal goods nes	2	4	35	65	1	-	-	-	-	-	-	-
34 Industrial plant and steelwork	-	-	-	-	-	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	-	-	-	-	-	-	-	-	-	-	-	-
37 Engineers small tools	-	-	-	-	-	-	-	-	-	-	-	-
38 Textile etc machinery	-	-	-	-	-	-	-	-	-	-	-	-
39 Process machinery and contractors	-	-	-	-	-	-	-	-	-	-	-	-
40 Mining etc equipment	-	-	-	-	-	-	-	-	-	-	-	-
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	2	33	-	-	-	-	-	-	-	-	6	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	1	2	4	3	1	1	1	1	2	1	-	-
45 Insulated wires and cables	1	311	-	-	-	-	-	-	-	-	-	-
46 Basic electrical equipment	-	8	-	-	-	-	-	-	-	-	-	-
47 Industrial electrical equipment	2	8	4	2	1	-	-	-	-	-	-	-
48 Telecommunication etc equipment	2	462	13	15	3	1	1	1	4	2	-	-
49 Electronic components	-	31	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	2	31	9	23	3	2	3	2	5	1	-	-
51 Domestic electric appliances	3	15	33	36	3	3	4	9	16	4	-	-
52 Electric lighting equipment, etc	4	21	17	39	2	7	8	4	9	1	-	-
53 Motor vehicles and parts	17	18	54	78	9	10	18	19	53	17	-	-
54 Shipbuilding and repairing	-	-	2	3	6	-	-	-	-	-	-	-
55 Aerospace	-	-	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	2	-	6	2	-	-	-	-	2	5	-	-
57 Instrument engineering	-	-	-	2	2	-	-	-	5	1	-	-
58 Oils and fats	4	0	1	0	0	-	-	-	1	1	-	-
59 Slaughtering and meat processing	7	14	21	10	4	-	-	-	5	3	-	-
60 Milk and milk products	6	11	11	5	3	1	-	-	3	2	-	-
61 Fruit, veg and fish processing	4	8	12	5	3	-	-	-	4	2	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	2	2	-	-
63 Bread, biscuits, etc	7	10	20	12	4	-	-	-	1	1	-	-
64 Sugar	2	2	3	2	1	-	-	-	2	1	-	-
65 Confectionery	5	11	13	5	3	-	-	-	6	3	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	6	1	-	-
67 Miscellaneous foods	6	16	26	16	6	-	-	-	3	1	-	-
68 Alcoholic drink	1	2	9	5	1	-	-	-	4	1	-	-
69 Soft drinks	6	6	19	12	1	-	-	-	2	1	-	-
70 Tobacco	1	2	6	6	1	-	-	-	1	1	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	2	4	47	50	2	12	15	6	9	4	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	6	15	11	3	-	-	7	2	-	-
78 Footwear	4	6	15	11	3	1	-	-	1	1	-	-
79 Clothing and furs	9	11	39	44	4	5	6	1	1	1	-	-
80 Household and other textiles	5	6	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	1	4	2	6	2	1	2	1	2	2	-	-
82 Wooden furniture etc	6	11	24	34	5	6	60	17	38	4	-	-
83 Pulp, paper and board	2	1	3	2	-	-	2	2	2	16	-	-
84 Paper and board products	9	36	214	450	53	28	36	56	206	32	-	-
85 Printing and publishing	19	35	1,296	1,422	93	53	308	98	259	83	-	-
86 Rubber products	4	75	3	2	1	1	1	1	1	1	-	-
87 Processing of plastics	8	253	61	49	5	2	18	9	5	2	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	14	13	3	1	-	-	-	-	-	-
90 Other goods	1	2	3	3	1	2	1	1	1	1	-	-
91 Construction	13	31	588	759	4	7	14	19	25	4	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	29	70	217	312	7	13	63	53	90	10	-	-
95 Hotels, catering, pubs etc	13	37	122	52	15	1	3	10	18	18	-	-
96 Railways	93	13	72	40	6	9	7	9	15	9	-	-
97 Road and other inland transport	137	110	341	472	13	25	67	65	216	37	-	-
98 Sea transport	14	12	26	32	4	-	-	-	-	1	-	-
99 Air Transport	40	12	138	146	3	2	12	11	11	5	-	-
100 Transport services	29	152	488	498	40	64	51	235	19	-	-	-
101 Postal services	110	77	981	915	137	36	85	70	71	13	-	-
102 Telecommunications	66	938	1,289	1,702	275	158	173	85	141	64	-	-
103 Banking and finance	20	91	970	1,196	65	55	75	20	183	16	-	-
104 Insurance	56	115	850	2,142	45	39	68	34	78	19	-	-
105 Auxiliary financial services	2	22	1,044	1,921	413	11	21	12	108	3	-	-
106 Estate agents	3	4	187	163	4	141	20	6	67	2	-	-
107 Legal services	7	26	518	670	22	106	502	140	359	43	-	-
108 Accountancy services	7	34	621	667	11	82	173	118	412	7	-	-
109 Other professional services	16	54	268	412	6	143	70	635	37	-	-	-
110 Advertising	49	162	834	1,069	22	100	94	45	357	151	-	-
111 Computing services	101	344	1,339	955	117	100	79	96	451	47	-	-
112 Other business services	40	102	702	1,068	25	36	123	46	474	21	-	-
113 Renting of movables	6	11	21	98	4	6	16	8	15	3	-	-
114 Owning and dealing in real estate	61	236	725	1,572	7	98	160	67	53	25	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	12	18	25	29	7	9	8	9	14	13	-	-
117 Education	23	88	321	222	8	17	164	157	138	27	-	-
118 Research and development	10	28	77	78	2	8	15	11	66	26	-	-
119 Health services	11	43	97	75	5	6	24	26	24	3	-	-
120 Recreational and welfare services	17	38	168	127	3	3	11	21	34	4	-	-
121 Personal services	17	19	85	48	3	9	12	13	28	11	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	1,238	4,742	15,713	20,393	1,549	1,469	2,772	1,608	5,104	893	-	-
125 Sales by final demand	13	14	24	16	-	-	-	-	719	-	-	-
126 Taxes on expenditure less subsidies	94	282	399									

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases											
	111 Comp serv	112 Oth bus serv	113 Hire real estate	114 Pub admin	115 Sanit serv	116 Education	117 R & D	118 Health	119 Welfare	120		
1 Agriculture	-	-	-	22	7	101	5	30	60			
2 Forestry	-	-	-	5	-	7	-	-	4			
3 Fishing	-	-	-	4	-	3	-	-	3			
4 Coal extraction etc	-	-	-	23	-	37	-	31	11			
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-			
6 Coke ovens, oil proc, nuclear fuel	72	87	94	8	622	63	163	26	104	195		
7 Electricity production	143	113	115	10	406	60	299	37	295	241		
8 Gas	25	45	51	4	140	15	213	18	199	152		
9 Water supply	3	12	15	0	107	30	102	6	105	63		
10 Extraction - metal ores & minerals	-	-	-	-	9	-	2	-	-	1		
11 Iron and steel	-	-	-	-	3	-	-	-	-	0		
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-		
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	2		
14 Extraction stone/clay/sand/gravel	-	-	-	-	9	-	-	-	-	2		
15 Structural clay products	-	-	-	-	40	15	59	-	5	37		
16 Cement, lime and plaster	-	-	-	-	34	29	39	-	1	104		
17 Concrete, asbestos, abrasive prods	-	-	-	-	42	10	65	-	28	43		
18 Glass	2	-	-	-	-	1	1	2	-	20		
19 Refractory and ceramic goods	1	-	-	-	34	2	31	-	1	25		
20 Inorganic chemicals	-	-	-	-	10	4	10	5	2	2		
21 Organic chemicals	-	-	-	-	15	20	27	12	10	2		
22 Fertilisers	-	-	-	-	27	1	1	-	-	20		
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-		
24 Paints, dyes, printing ink etc	4	3	2	1	41	3	36	1	7	57		
25 Special chemicals for industry etc	-	-	-	-	22	99	65	12	88	84		
26 Pharmaceutical products	-	-	-	-	8	4	12	3	3,150	16		
27 Soap and toilet preparations	4	4	12	1	25	13	30	2	42	35		
28 Chemical products nes	-	-	-	-	13	5	31	2	57	36		
29 Man-made fibres	-	-	-	-	3	-	-	-	-	0		
30 Metal castings etc	-	-	-	-	19	1	15	-	-	12		
31 Metal doors, windows etc	-	-	-	-	18	1	15	-	-	12		
32 Packaging products of metal	2	-	-	-	-	7	-	-	-	-		
33 Metal goods nes	-	-	-	-	18	8	46	-	95	21		
34 Industrial plant and steelwork	-	-	-	-	20	2	-	-	-	1		
35 Agricultural machinery and tractors	-	-	-	-	4	-	-	-	-	0		
36 Metal-working machine tools	-	-	-	-	1	-	-	-	-	14		
37 Engineers small tools	-	-	-	-	26	1	19	-	-	2		
38 Textile etc machinery	-	-	-	-	12	-	-	-	-	0		
39 Process machinery and contractors	-	-	-	-	32	-	-	-	-	0		
40 Mining etc equipment	-	-	-	-	4	-	-	-	-	50		
41 Mech power transmission equipment	-	-	-	-	132	-	-	-	-	39	1	
42 Other machinery etc	31	7	7	1	938	5	-	-	-	-		
43 Ordnance, small arms and ammunition	-	-	-	-	927	-	-	-	-	138	82	
44 Office machinery, computers etc	-	4	2	13	1,446	7	75	2	-	-	0	
45 Insulated wires and cables	22	-	-	-	30	-	-	-	-	57	13	
46 Basic electrical equipment	2	-	-	-	107	1	16	-	-	22	17	
47 Industrial electrical equipment	2	-	-	-	132	4	11	-	-	25	26	
48 Telecommunication etc equipment	103	7	13	1	2,044	-	-	-	-	2	16	
49 Electronic components	24	5	5	1	190	4	24	1	2	38	31	
50 Electronic consumer goods etc	59	6	6	1	66	14	83	2	2	211	10	
51 Domestic electric appliances	15	7	226	1	6	4	4	3	2	34	42	
52 Electric lighting equipment, etc	77	10	21	2	41	4	28	2	2	50	53	
53 Motor vehicles and parts	71	103	71	23	375	50	23	5	36	-	6	
54 Shipbuilding and repairing	-	-	-	-	895	7	-	-	-	-	23	
55 Aerospace etc	-	-	-	-	3,204	-	-	-	-	-	19	
56 Other vehicles	9	6	9	1	152	1	11	1	1	1,223	23	
57 Instrument engineering	4	-	2	-	251	2	11	1	1	129	16	
58 Oils and fats	1	16	-	-	11	2	127	2	81	102		
59 Slaughtering and meat processing	4	23	2	0	148	2	27	1	49	29		
60 Milk and milk products	1	17	1	0	63	2	85	1	13	65		
61 Fruit, veg and fish processing	2	27	1	0	58	2	10	-	50	8		
62 Grain milling and starch	-	-	-	-	3	-	-	-	-	53		
63 Bread, biscuits, etc	2	27	1	0	50	1	39	1	15	21		
64 Sugar	1	14	1	0	11	1	15	1	49	52		
65 Confectionery	1	31	1	0	20	2	30	1	8	54	16	
66 Animal feeding stuffs	-	-	-	-	3	-	16	-	-	10	112	
67 Miscellaneous foods	2	37	1	0	20	1	54	2	1	19	49	
68 Alcoholic drink	1	15	-	-	2	-	-	-	-	7	148	
69 Soft drinks	1	28	-	-	6	1	38	2	7	15	0	
70 Tobacco	1	9	-	-	15	-	-	-	-	13	0	
71 Woollen and worsted	-	-	-	-	13	-	-	-	-	7	6	
72 Cotton etc spinning and weaving	-	-	-	-	7	-	-	-	-	4	0	
73 Hosiery and other knitted goods	-	-	-	-	7	1	1	-	-	6		
74 Textile finishing	-	-	-	-	-	2	-	-	-	-	40	
75 Carpets etc	10	35	49	1	17	3	33	3	2	-	8	
76 Jute etc	-	-	-	-	24	-	1	1	1	-	33	
77 Leather and leather goods	-	-	-	-	7	2	8	3	11	35	73	
78 Footwear	4	18	2	2	25	7	17	4	35	-	125	
79 Clothing and furs	13	21	13	2	159	8	39	13	154	151		
80 Household and other textiles	-	-	-	-	18	-	7	2	242	14		
81 Timber and wood products	-	9	2	0	117	2	64	1	6	79		
82 Wooden furniture etc	18	92	44	8	380	23	249	3	62	133		
83 Pulp, paper and board	2	1	5	1	75	1	1	1	6	13		
84 Paper and board products	24	132	18	26	370	11	161	13	38	125		
85 Printing and publishing	81	185	20	32	521	35	331	8	188	391		
86 Rubber products	59	10	2	2	152	20	5	2	13	22		
87 Processing of plastics	40	25	9	3	74	28	472	3	64	78		
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-		
89 Sports goods and toys	-	-	-	-	13	2	84	-	5	82		
90 Other goods	2	2	1	0	35	1	8	1	42	1		
91 Construction	21	65	25	355	3,764	104	743	5	226	531		
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-		
93 Retail distribution	-	-	-	-	-	-	-	-	-	-		
94 Distribution & vehicle repair etc	399	79	196	29	40	45	115	13	61	133		
95 Hotels, catering, pubs etc	6	36	1	4	119	1	31	1	38	70		
96 Railways	6	21	11	2	139	8	27	4	125	36		
97 Road and other inland transport	40	132	191	9	629	31	75	10	178	65		
98 Sea transport	-	9	7	0	75	11	10	10	39	8		
99 Air Transport	11	69	12	4	89	1	1	2	29	33		
100 Transport services	24	344	97	19	155	38	90	10	382	154		
101 Postal services	24	58	11	4	393	5	56	9	55	102		
102 Telecommunications	153	288	32	32	534	13	118	14	283	267		
103 Banking and finance	100	135	91	16	1,185	13	20	10	10	130		
104 Insurance	372	112	187	326	27	37	45	12	107	104		
105 Auxiliary financial services	62	128	18	9	24	4	32	2	1	92		
106 Estate agents	12	106	513	7	508	-	-	-	-	31	74	
107 Legal services	280	339	180	37	-	12	7	12	15	107		
108 Accountancy services	120	344	77	22	2	7	9	12	6	183		
109 Other professional services	272	414	162	45	510	22	44	17	6	441		
110 Advertising	396	345	245	28	302	16	30	6	63	441		
111 Computing services	329	463	42	47	156	64	238	24	109	380		
112 Other business services	452	3,655	106	75	1,637	405	584	28	27	798		
113 Renting of movables	21	32	55	3	52	171	324	5	9	130		
114 Owning and dealing in real estate	104	90	49	412	912	31	101	35	76	133		
115 Public administration	-	-	-	-	508	-	-	-	-	-		
116 Sanitary services	18	17	32	2	126	49	26	11	601	63		
117 Education	84	131	4	12	3,201	25	304	92	185	139		
118 Research and development	116	165	6	7	115	184	130	182	726	123		
119 Health services	15	23	8	1	31	25	22	19	3,375	98		
120 Recreational and welfare services	12	31	7	4	208	240	251	3	100	4,554		
121 Personal services	10	18	63	-	8	31	20	8	33	128		
122 Domestic services	-	-	-	-	-	-	-	-	-	-		
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-		
124 Total intermediate	4,406	8,837	3,241	1,659	30,109	2,542	6,686	775	1			

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

not seasonally adjusted £ million

Products	Industry purchases		121 Personal services	122 Domestic services	123 Ownership of dwellings	124 Adjustments	125 Total intermediate
	121	122					
1 Agriculture	-	-	-	-	-	-	15,658
2 Forestry	-	-	-	-	-	-	293
3 Fishing	-	-	-	-	-	-	513
4 Coal extraction etc	-	-	-	-	-	-	4,201
5 Extraction - oil and gas	-	-	-	-	-	-	11,047
6 Coke ovens, oil proc, nuclear fuel	16	-	-	17	-	-	13,906
7 Electricity production	21	-	-	23	-	-	18,827
8 Gas	12	-	-	8	-	-	3,593
9 Water supply	5	-	-	1	-	-	1,134
10 Extraction - metal ores & minerals	-	-	-	-	-	-	1,350
11 Iron and steel	-	-	-	-	-	-	10,712
12 Aluminium etc	-	-	-	-	-	-	2,845
13 Other non-ferrous metals	-	-	-	-	-	-	4,941
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	496
15 Structural clay products	-	-	-	-	-	-	984
16 Cement, lime and plaster	1	-	-	-	-	-	1,582
17 Concrete, asbestos, abrasive prods	1	-	-	-	-	-	7,340
18 Glass	1	-	-	-	-	-	2,394
19 Refractory and ceramic goods	1	-	-	-	-	-	1,344
20 Inorganic chemicals	4	-	-	-	-	-	2,097
21 Organic chemicals	5	-	-	-	-	-	4,352
22 Fertilisers	2	-	-	-	-	-	901
23 Synthetic resins etc	-	-	-	-	-	-	6,019
24 Paints, dyes, printing ink etc	8	-	-	1	-	-	2,246
25 Special chemicals for industry etc	100	-	-	4	-	-	4,103
26 Pharmaceutical products	18	-	-	-	-	-	3,975
27 Soap and toilet preparations	66	-	-	3	-	-	545
28 Chemical products nes	31	-	-	-	-	-	654
29 Man-made fibres	-	-	-	-	-	-	895
30 Metal castings etc	-	-	-	-	-	-	5,843
31 Metal doors, windows etc	-	-	-	-	-	-	721
32 Packaging products of metal	-	-	-	-	-	-	2,285
33 Metal goods nes	2	-	-	-	-	-	3,333
34 Industrial plant and steelwork	-	-	-	-	-	-	1,906
35 Agricultural machinery and tractors	-	-	-	-	-	-	524
36 Metal-working machine tools	-	-	-	-	-	-	322
37 Engineers small tools	-	-	-	-	-	-	665
38 Textile etc machinery	-	-	-	-	-	-	625
39 Process machinery and contractors	-	-	-	-	-	-	1,198
40 Mining etc equipment	-	-	-	-	-	-	1,786
41 Mech power transmission equipment	-	-	-	-	-	-	1,374
42 Other machinery etc	-	-	-	-	-	-	7,904
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	974
44 Office machinery, computers etc	1	-	-	-	-	-	4,095
45 Insulated wires and cables	-	-	-	-	-	-	1,406
46 Basic electrical equipment	-	-	-	-	-	-	2,337
47 Industrial electrical equipment	3	-	-	-	-	-	1,421
48 Telecommunication etc equipment	17	-	-	3	-	-	4,335
49 Electronic components	1	-	-	2	-	-	6,926
50 Electronic consumer goods etc	5	-	-	2	-	-	541
51 Domestic electric appliances	28	-	-	3	-	-	1,067
52 Electric lighting equipment, etc	12	-	-	4	-	-	927
53 Motor vehicles and parts	21	-	-	52	-	-	6,303
54 Shipbuilding and repairing	-	-	-	-	-	-	1,785
55 Aerospace etc	-	-	-	-	-	-	7,179
56 Other vehicles	6	-	-	2	-	-	435
57 Instrument engineering	4	-	-	-	-	-	3,524
58 Oils and fats	1	-	-	-	-	-	1,355
59 Slaughtering and meat processing	-	-	-	0	-	-	2,770
60 Milk and milk products	-	-	-	0	-	-	2,479
61 Fruit, veg and fish processing	-	-	-	0	-	-	1,584
62 Grain milling and starch	-	-	-	1	-	-	1,670
63 Bread, biscuits, etc	-	-	-	1	-	-	2,333
64 Sugar	-	-	-	0	-	-	1,527
65 Confectionery	1	-	-	-	-	-	1,083
66 Animal feeding stuffs	-	-	-	-	-	-	2,746
67 Miscellaneous foods	-	-	-	-	-	-	1,630
68 Alcoholic drink	1	-	-	-	-	-	929
69 Soft drinks	1	-	-	-	-	-	919
70 Tobacco	2	-	-	-	-	-	258
71 Woollen and worsted	5	-	-	-	-	-	1,256
72 Cotton etc spinning and weaving	9	-	-	-	-	-	2,034
73 Hosiery and other knitted goods	0	-	-	-	-	-	332
74 Textile finishing	-	-	-	-	-	-	651
75 Carpets etc	10	-	-	3	-	-	769
76 Jute etc	2	-	-	-	-	-	1,023
77 Leather and leather goods	20	-	-	-	-	-	982
78 Footwear	33	-	-	5	-	-	660
79 Clothing and furs	73	-	-	4	-	-	1,255
80 Household and other textiles	11	-	-	-	-	-	555
81 Timber and wood products	1	-	-	1	-	-	5,559
82 Wooden furniture etc	8	-	-	17	-	-	2,409
83 Pulp, paper and board	2	-	-	7	-	-	6,400
84 Paper and board products	9	-	-	59	-	-	6,733
85 Printing and publishing	82	-	-	71	-	-	10,281
86 Rubber products	15	-	-	4	-	-	2,888
87 Processing of plastic	15	-	-	7	-	-	10,367
88 Jewellery and coins	-	-	-	-	-	-	10
89 Sports goods and toys	2	-	-	-	-	-	308
90 Other goods	1	-	-	0	-	-	254
91 Construction	1	-	-	790	-	-	33,377
92 Wholesale distribution	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	93	-	-	62	-	-	6,990
95 Hotels, catering, pub etc	3	-	-	9	-	-	2,713
96 Railways	12	-	-	5	-	-	1,776
97 Road and other inland transport	49	-	-	20	-	-	15,477
98 Sea transport	1	-	-	1	-	-	2,244
99 Air Transport	6	-	-	8	-	-	1,493
100 Transport services	51	-	-	41	-	-	14,910
101 Postal services	19	-	-	8	-	-	4,318
102 Telecommunications	83	-	-	72	-	-	9,922
103 Banking and finance	84	-	-	36	-	-	34,763
104 Insurance	101	-	-	726	-	-	10,342
105 Auxiliary financial services	13	-	-	19	-	-	4,206
106 Estate agents	48	-	-	14	-	-	1,740
107 Legal services	169	-	-	81	-	-	5,245
108 Accountancy services	136	-	-	49	-	-	5,587
109 Other professional services	41	-	-	100	-	-	10,577
110 Advertising	93	-	-	62	-	-	8,640
111 Computing services	142	-	-	104	-	-	9,824
112 Other business services	140	-	-	166	-	-	18,783
113 Renting of movables	43	-	-	7	-	-	5,234
114 Owning and dealing in real estate	75	-	-	5	-	-	15,839
115 Public administration	-	-	-	-	-	-	508
116 Sanitary services	72	-	-	4	-	-	2,316
117 Education	40	-	-	27	-	-	6,650
118 Research and development	1	-	-	16	-	-	3,477
119 Health services	86	-	-	2	-	-	5,078
120 Recreational and welfare services	36	-	-	9	-	-	7,410
121 Personal services	128	-	-	1	-	-	1,046
122 Domestic services	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-
124 Total intermediate	2,470	-	-	2,777	-	-	525,090
125 Sales by final demand	16	-	-	-	-	-	3,081
126 Taxes on expenditure less subsidies	1	-	-	-	-	-	28,420
127 Value added	2,764	1,876	29,710	-24,972	-	-	478,886
128 Total inputs	5,252	1,876	32,407	-	-	-	1,036,276

Table 3 : Demand for products (The 'combined use matrix') - for 1990 (cont)

£ million

Products	Industry purchases		127 GDPFC	128 GDPFC	129 Stocks	130 Exports	131 Total PD	132 TOTAL
	126 Cons exp							
1 Agriculture	6,788	-	-	-	112	1,425	8,325	23,984
2 Forestry	85	-	-	-	0	84	169	462
3 Fishing	79	-	-	-	0	296	375	880
4 Coal extraction etc	653	-	-	-	-235	159	577	4,779
5 Extraction - oil and gas	0	-	-	-	7	5,597	5,590	16,637
6 Coke ovens, oil proc, nuclear fuel	10,682	-	-	-	32	3,392	14,106	27,912
7 Electricity production	6,319	-	-	-	-	210	6,529	25,357
8 Gas	4,897	-	-	-	-13	5	4,890	8,402
9 Water supply	1,302	-	-	-	-	-	1,302	2,436
10 Extraction - metal ores & minerals	0	-	-	-	-6	2,137	2,131	3,481
11 Iron and steel	0	-	-	-	-193	2,923	2,730	13,442
12 Aluminium etc	0	-	-	-	-27	759	733	3,578
13 Other non-ferrous metals	0	-	-	-	-60	2,144	2,085	7,025
14 Extraction - stone/clay/sand/gravel	0	-	-	-	-10	63	53	549
15 Structural clay products	0	-	182	-	-	28	330	1,215
16 Cement, lime and plaster	86	-	61	-	-6	44	185	1,767
17 Concrete, asbestos, abrasive prods	59	-	182	-	8	536	785	0,134
18 Glass	364	-	6	-	-11	419	777	3,171
19 Refractory and ceramic goods	735	-	-	-	-8	516	1,244	2,587
20 Inorganic chemicals	0	-	-	-	-22	825	803	2,890
21 Organic chemicals	0	-	-	-	-71	3,519	3,448	7,801
22 Fertilisers	68	-	-	-	-15	201	254	1,155
23 Synthetic resins etc	0	-	-	-	-33	1,694	1,662	5,680
24 Paints, dyes, printing ink etc	1,144	-	5	-	-28	1,314	2,416	4,662
25 Special chemicals for industry etc	517	-	-	-	-24	2,432	2,925	7,029
26 Pharmaceutical products	1,286	-	-	-	-22	2,595	3,858	7,833
27 Soap and toilet preparations	4,897	-	-	-	15	940	5,852	6,397
28 Chemical products nec	1,274	-	31	-	-2	1,128	2,431	3,085
29 Man-made fibres	0	-	-	-	-12	679	667	1,562
30 Metal castings etc	38	-	-	-	-1	737	734	6,576
31 Metal doors, windows etc	76	-	150	-	-11	48	274	995
32 Packaging products of metal	0	-	-	-	-11	272	261	2,545
33 Metal goods nec	2,311	-	-	-	-11	601	3,819	5,725
34 Industrial plant and steelwork	1	-	2,593	-	-49	1,163	6,018	9,351
35 Agricultural machinery and tractors	0	-	3,242	-	-25	1,144	1,909	2,433
36 Metal-working machine tools	1	-	778	-	-13	649	1,747	2,068
37 Engineers small tools	1	-	1,127	-	-30	329	997	1,653
38 Textile etc machinery	3	-	679	-	-12	740	2,094	3,515
39 Process machinery and contractors	0	-	1,468	-	-27	1,465	2,910	3,535
40 Mining etc equipment	16	-	1,729	-	-43	885	2,592	3,790
41 Mech power transmission equipment	0	-	2,529	-	-47	2,203	4,700	6,486
42 Other machinery etc	556	-	50	-	-15	487	521	1,896
43 Ordnance, small arms and ammunition	1	-	2,863	-	-238	3,675	6,858	14,761
44 Office machinery, computers etc	488	-	-	-	-106	694	388	1,362
45 Insulated wires and cables	101	-	5,380	-	-82	6,209	12,159	16,254
46 Basic electrical equipment	455	-	-	-	-11	481	1,059	2,465
47 Industrial electrical equipment	510	-	1,552	-	-56	1,843	3,794	6,130
48 Telecommunication etc equipment	310	-	866	-	-22	740	2,094	3,515
49 Electronic components	68	-	4,473	-	-115	3,049	7,716	12,051
50 Electronic consumer goods etc	5,264	-	-	-	-34	2,239	2,273	9,199
51 Domestic electric appliances	3,915	-	-	-	-49	1,638	6,853	7,394
52 Electric lighting equipment, etc	92	-	-	-	-49	516	4,402	5,469
53 Motor vehicles and parts	13,283	-	879	-	-10	260	1,220	2,147
54 Shipbuilding and repairing	500	-	11,044	-	-60	8,066	12,334	38,637
55 Aerospace etc	72	-	234	-	-87	483	1,305	3,089
56 Other vehicles	1,901	-	2,269	-	-631	8,610	10,321	17,501
57 Instrument engineering	1,077	-	1,620	-	-64	2,331	4,965	3,081
58 Oils and fats	721	-	-	-	4	98	822	2,177
59 Slaughtering and meat processing	9,986	-	-	-	6	677	10,668	13,439
60 Milk and milk products	5,299	-	-	-	4	496	5,799	8,278
61 Fruit, veg and fish processing	3,478	-	-	-	9	485	3,972	5,556
62 Grain milling and starch	107	-	-	-	5	72	385	2,054
63 Bread, biscuits, etc	3,889	-	-	-	5	314	4,207	6,541
64 Sugar	319	-	-	-	4	472	4,697	5,780
65 Confectionery	4,217	-	-	-	4	236	1,649	4,395
66 Animal feeding stuffs	1,410	-	-	-	6	566	5,539	7,169
67 Miscellaneous foods	4,979	-	-	-	6	2,433	24,229	25,157
68 Alcoholic drink	21,715	-	-	-	80	2,433	24,229	25,157
69 Soft drinks	3,201	-	-	-	6	181	3,391	4,310
70 Tobacco	8,575	-	-	-	0	875	9,450	9,708
71 Woolen and worsted	111	-	-	-	-28	820	903	2,160
72 Cotton etc spinning and weaving	131	-	-	-	-7	927	1,051	3,885
73 Hosiery and other knitted goods	3,280	-	-	-	-15	691	3,956	4,288
74 Textile finishing	89	-	-	-	-15	3	76	927
75 Carpets etc	1,760	-	-	-	-6	230	1,997	2,766
76 Jute etc	26	-	-	-	-2	325	348	1,371
77 Leather and leather goods	404	-	-	-	-2	381	786	1,768
78 Footwear	3,599	-	-	-	-2	577	4,273	4,933
79 Clothing and furs	13,969	-	-	-	41	2,266	15,276	17,532
80 Household and other textiles	2,022	-	-	-	1	138	2,151	2,715
81 Timber and wood products	778	-	200	-	-1	212	1,189	6,748
82 Wooden furniture etc	4,646	-	858	-	-1	246	5,752	8,161
83 Pulp, paper and board	32	-	-	-	-19	1,103	1,116	7,516
84 Paper and board products	1,931	-	-	-	-6	592	3,129	8,862
85 Printing and publishing	5,290	-	-	-	-79	1,215	6,584	16,865
86 Rubber products	406	-	-	-	-6	970	1,370	4,258
87 Processing of plastics	796	-	6	-	-33	1,688	2,457	12,924
88 Jewellery and coins	2,466	-	-	-	-1	68	2,533	2,543
89 Sports goods and toys	3,157	-	-	-	-1	381	3,540	3,849
90 Other goods	4,278	-	-	-	-50	323	4,648	4,902
91 Construction	6,060	-	-	-	-81	60	59,774	93,151
92 Wholesale distribution	0	-	-	-	-	-	-	-
93 Retail distribution	1,591	-	-	-	-	-	1,591	1,591
94 Distribution & vehicle repair etc	7,336	-	-	-	-	-	7,336	14,334
95 Hotels, catering, publs etc	25,077	-	-	-	-	5,276	30,353	39,065
96 Railways	1,727	-	23	-	-	433	2,183	3,959
97 Road and other inland transport	4,385	-	509	-	-	755	5,649	21,126
98 Sea transport	826	-	164	-	-	2,433	3,823	6,067
99 Air Transport	4,565	-	14	-	-	3,234	7,813	9,306
100 Transport services	1,159	-	-	-	-	1,099	2,258	17,168
101 Postal services	923	-	-	-	-	86	1,009	5,326
102 Telecommunications	5,998	-	-	-	-	847	6,845	16,987
103 Banking and finance	3,349	-	-	-	-	2,645	5,994	40,738
104 Insurance	10,178	-	7	-	-	438	10,623	20,965
105 Auxiliary financial services	982	-	-	-	-	460	1,442	5,648
106 Estate agents	387	-	1,935	-	-	-	2,322	4,062
107 Legal services	320	-	1,322	-	-	395	2,037	5,283
108 Accountancy services	115	-	-	-	-	-	115	5,702
109 Other professional services	296	-	-	-	-	-	-	-
110 Advertising	6	-	-	-	-	60	66	8,706
111 Computing services	32	-	604	-	-	100	736	10,560
112 Other business services	109	-	1,725	-	-	1,447	3,281	22,064
113 Renting of movables	6,322	-	-	-	-	-	6,322	11,555
114 Owning and dealing in real estate	0	-	-	-	-	-	-	15,839
115 Public administration	0	62,032	-	-	-	-	62,032	62,540
116 Sanitary services	1,725	2,198	-	-	-	-	3,923	6,239
117 Education	3,705	20,563	-	-	-	47	24,315	30,965
118 Research and development	755	-	-	-	-	-	755	4,231
119 Health services	3,705	26,794	-	-	-	-	30,499	35,577
120 Recreational and welfare services	16,340	8,932	-	-	-	-	26,129	33,539
121 Personal services	6,533	-	-	-	-	-	4,533	5,579
122 Domestic services	1,876	-	-	-	-	-	1,876	1,876
123 Ownership of dwellings	35,482	-	-	-	-	-	35,482	35,482
124 Total intermediate	339,106	120,518	110,106	-1,118	-	130,608	699,220	1,224,309
125 Sales by final demand	5,187	-7,584	-4,360	-	-	2,676	-3,881	-3,881
126 Taxes on expenditure less subsidies	3,034	-	1,030	-	-	-	4,064	32,484
127 Value added	0	-	-	-	-	-	-	478,886
128 Total inputs	347,527	112,934	106,776	-1,118	-	133,284	699,403	1,735,679

Table 4 : Consumers' expenditure - for 1990

£ million

Products	National Accounts expenditure categories (see National Accounts Blue Book, table 4.7)									
	Food	Alcohol	Tobacco	Clothing & footwear	Housing	Fuel & power	Furniture & picos	Carpets & other	Major apps	Textiles & other
1 Agriculture	5,524	-	-	-	-	9	-	-	-	-
2 Forestry	-	-	-	-	-	654	-	-	-	-
3 Fishing	80	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	71	431	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	-	-	-	-	-	6,258	-	-	-	-
7 Electricity production	-	-	-	-	-	4,849	-	-	-	-
8 Gas	-	-	-	-	-	-	-	-	-	-
9 Water supply	-	-	-	-	1,277	-	-	-	-	-
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	-
11 Iron and steel	-	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	85	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	-	-	-	-	57	-	-	-	-	-
18 Glass	-	-	-	-	425	-	-	-	-	-
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	-
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	-	-	-	-	1,106	-	-	-	-	-
25 Special chemicals for industry etc	-	-	-	-	369	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	-	-	-	-	-	-	-	-	-	-
28 Chemical products nes	-	-	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	-	-	-	-	-	-	-	-	-	-
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	-
33 Metal goods nes	-	-	-	-	1,019	-	53	-	451	-
34 Industrial plant and steelwork	-	-	-	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	-	-	-	-	-	-	-	-	-	-
37 Engineers small tools	-	-	-	-	-	-	-	-	-	-
38 Textile etc machinery	-	-	-	-	-	-	-	-	-	-
39 Process machinery and contractors	-	-	-	-	-	-	-	-	-	-
40 Mining etc equipment	-	-	-	-	-	-	-	-	-	-
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	-	-	-	-	100	-	-	-	137	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	-	-	-	-	-	-	-	-	-	-
45 Insulated wires and cables	-	-	-	-	-	51	-	-	-	-
46 Basic electrical equipment	-	-	-	-	-	-	-	-	-	-
47 Industrial electrical equipment	-	-	-	-	-	-	-	-	-	-
48 Telecommunication etc equipment	-	-	-	-	-	-	-	-	-	-
49 Electronic components	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	3,906	-
52 Electric lighting equipment, etc	-	-	-	-	-	90	-	-	-	-
53 Motor vehicles and parts	-	-	-	-	-	-	-	-	-	-
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	112	-	-	-
57 Instrument engineering	-	-	-	-	-	-	-	-	-	-
58 Oils and fats	720	-	-	-	-	-	-	-	-	-
59 Slaughtering and meat processing	9,832	-	-	-	-	-	-	-	-	-
60 Milk and milk products	5,293	-	-	-	-	-	-	-	-	-
61 Fruit, veg and fish processing	3,474	-	-	-	-	-	-	-	-	-
62 Grain milling and starch	307	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	3,084	-	-	-	-	-	-	-	-	-
64 Sugar	319	-	-	-	-	-	-	-	-	-
65 Confectionery	4,212	-	-	-	-	-	-	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	-	-	-	-	-	-	-	-	-	-
68 Alcoholic drink	4,973	-	21,694	-	-	-	-	-	-	-
69 Soft drinks	3,198	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	8,578	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	69	-	-	-	-	-	42
72 Cotton etc spinning and weaving	-	-	-	92	-	-	-	-	-	21
73 Hosiery and other knitted goods	-	-	-	3,250	-	-	-	-	-	42
74 Textile finishing	-	-	-	46	-	-	-	-	-	-
75 Carpets etc	-	-	-	23	-	-	-	1,751	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	3,633	-	-	-	-	-	-
78 Footwear	-	-	-	13,764	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	522	9	4,580	-	-	2,001
81 Timber and wood products	-	-	-	-	-	-	-	-	-	-
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	-	-	-	735	-	-	-	-	-
84 Paper and board products	-	-	-	-	-	-	64	-	-	-
85 Printing and publishing	-	-	-	-	-	-	-	85	-	-
86 Rubber products	-	-	-	-	-	51	-	110	-	-
87 Processing of plastics	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-
91 Construction	-	-	-	-	5,653	-	-	-	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	463	-	-
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-	-
95 Hotels, catering, pubs etc	-	-	-	-	-	-	-	-	-	-
96 Railways	-	-	-	-	-	-	-	-	-	-
97 Road and other inland transport	-	-	-	-	-	-	-	-	-	-
98 Sea transport	-	-	-	-	-	-	-	-	-	-
99 Air Transport	-	-	-	-	-	-	-	-	-	-
100 Transport services	-	-	-	-	-	-	-	-	-	-
101 Postal services	-	-	-	-	-	-	-	-	-	-
102 Telecommunications	-	-	-	-	-	-	-	-	-	-
103 Banking and finance	-	-	-	-	-	-	-	-	-	-
104 Insurance	-	-	-	-	-	-	-	-	-	-
105 Auxiliary financial services	-	-	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-
107 Legal services	-	-	-	-	-	-	-	-	-	-
108 Accountancy services	-	-	-	-	-	-	-	-	-	-
109 Other professional services	-	-	-	-	-	-	-	-	-	-
110 Advertising	-	-	-	-	-	-	-	-	-	-
111 Computing services	-	-	-	-	-	-	-	-	-	-
112 Other business services	-	-	-	-	-	-	-	-	-	-
113 Renting of moveables	-	-	-	-	-	-	-	-	-	-
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	-	-	-	-	-	-	-	-	-	-
117 Education	-	-	-	-	-	1,289	-	-	-	-
118 Research and development	-	-	-	-	-	-	-	-	-	-
119 Health services	-	-	-	-	-	-	-	-	-	-
120 Recreational and welfare services	-	-	-	-	-	-	-	-	-	-
121 Personal services	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	35,515	-	-	-	-
124 Total	41,816	21,694	8,578	20,876	47,500	12,209	5,272	1,946	4,494	2,106
125 Sales by final demand	-	-	-	-	-	41	796	-	-	-
126 Taxes on expenditure less subsidies	-	-	-	-	-	815	-	-	-	-
127 Total Expenditure	41,816	21,694	8,578	20,876	46,315	12,250	4,476	1,946	4,494	2,106

Table 4 : Consumers' expenditure - for 1990 (cont)

£ million

Products	National Accounts expenditure categories (see National Accounts Blue Book, table 4.7)									
	Hardware	Cleaning material	H/hold & dom serv	Cars & petrol	Other veh run cost	Travel	Post & Telecoms	TV & oth dur	Sports etc gds	Oth rec goods
1 Agriculture	-	-	-	-	-	-	-	-	-	1,247
2 Forestry	-	-	-	-	-	-	-	-	-	75
3 Fishing	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	-	-	-	-	10,111	-	-	-	-	-
7 Electricity production	-	-	-	-	-	-	-	-	-	-
8 Gas	-	-	-	-	-	-	-	-	-	-
9 Water supply	-	-	-	-	-	-	-	-	-	-
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	-
11 Iron and steel	-	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	-	-	-	-
18 Glass	241	-	-	-	25	-	-	-	-	-
19 Refractory and ceramic goods	311	-	-	-	-	-	-	-	-	-
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	68
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	-	-	-	-	8	-	-	-	-	-
25 Special chemicals for industry etc	-	83	-	-	-	-	-	-	-	45
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	68
27 Soap and toilet preparations	-	1,125	-	-	-	-	-	-	-	-
28 Chemical products nes	-	753	-	-	-	-	-	-	-	498
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	38	-	-	-	-	-	-	-	-	-
31 Metal doors, windows etc	77	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	-
33 Metal goods nes	679	-	-	-	-	-	-	-	-	17
34 Industrial plant and steelwork	-	-	-	-	-	-	-	-	-	-
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	-	-	-	-	-	-	-	-	-	-
37 Engineers small tools	-	-	-	-	-	-	-	-	-	-
38 Textile etc machinery	-	-	-	-	-	-	-	-	-	-
39 Process machinery and contractors	-	-	-	-	-	-	-	-	-	-
40 Mining etc equipment	-	-	-	-	-	-	-	-	-	-
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	100	-	-	200	-	-	-	-	-	-
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	-	-	-	-	-	-	471	-	-	-
45 Insulated wires and cables	50	-	-	-	-	-	-	-	-	-
46 Basic electrical equipment	452	-	-	-	-	-	-	-	-	-
47 Industrial electrical equipment	382	-	-	-	126	-	-	-	-	-
48 Telecommunication etc equipment	-	-	-	-	-	-	186	-	-	-
49 Electronic components	-	-	-	-	-	-	68	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	3,284	-	1,972	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	-	-	-	-	-	-	-	-	-	-
53 Motor vehicles and parts	-	-	12,018	1,258	-	-	-	-	-	-
54 Shipbuilding and repairing	-	-	300	-	-	-	-	200	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	1,784	6	-	-	-	-	-	-
57 Instrument engineering	-	-	-	-	-	-	415	-	-	-
58 Oils and fats	-	-	-	-	-	-	-	-	-	-
59 Slaughtering and meat processing	-	-	-	-	-	-	-	-	-	142
60 Milk and milk products	-	-	-	-	-	-	-	-	-	-
61 Fruit, veg and fish processing	-	-	-	-	-	-	-	-	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	-	-	-	-	-	-	-	-	-	-
64 Sugar	-	-	-	-	-	-	-	-	-	-
65 Confectionery	-	-	-	-	-	-	-	-	-	1,421
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	-	-	-	-	-	-	-	-	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	19	-	-	-	-	-	-	18
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	34
78 Footwear	-	-	25	-	-	-	-	-	-	16
79 Clothing and furs	-	-	83	-	-	-	-	-	-	32
80 Household and other textiles	-	-	-	-	-	-	-	-	-	18
81 Timber and wood products	237	-	-	-	-	-	-	-	-	-
82 Wooden furniture etc	50	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	-	-	-	-	-	-	-	-	-
84 Paper and board products	-	-	-	-	-	-	-	-	-	-
85 Printing and publishing	-	-	-	-	-	-	-	-	-	-
86 Rubber products	-	-	-	252	-	-	-	-	-	-
87 Processing of plastics	596	-	-	-	-	-	-	-	-	17
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	3,113	-	363
90 Other goods	-	-	-	-	-	-	-	371	-	-
91 Construction	-	-	-	-	-	-	-	-	-	-
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	784	1,869	5,475	-	-	170	-	-
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-	-
95 Hotels, catering, pubs etc	-	-	-	-	-	1,719	-	-	-	-
96 Railways	-	-	-	-	-	4,256	-	-	-	-
97 Road and other inland transport	-	-	-	-	-	822	-	-	-	-
98 Sea transport	-	-	-	-	-	4,543	-	-	-	-
99 Air Transport	-	-	-	-	-	343	-	-	-	-
100 Transport services	-	-	-	-	798	-	-	-	-	-
101 Postal services	-	-	-	-	-	-	719	-	-	-
102 Telecommunications	-	-	-	-	-	-	5,568	-	-	-
103 Banking and finance	-	-	-	-	-	-	-	-	-	-
104 Insurance	-	347	-	316	-	-	-	-	-	-
105 Auxiliary financial services	-	-	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-
107 Legal services	-	-	-	-	-	-	-	-	-	-
108 Accountancy services	-	-	-	-	-	-	-	-	-	-
109 Other professional services	-	-	-	-	-	-	-	-	-	-
110 Advertising	-	-	-	-	-	-	-	-	-	-
111 Computing services	-	-	-	-	-	-	-	-	-	-
112 Other business services	-	-	-	-	-	-	-	-	-	-
113 Renting of movables	-	-	-	-	4,471	-	-	1,761	-	-
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	-	-	384	-	-	-	-	-	-	-
117 Education	-	-	-	-	188	-	-	-	-	-
118 Research and development	-	-	-	-	-	-	-	-	-	546
119 Health services	-	-	-	-	-	-	-	-	-	-
120 Recreational and welfare services	-	-	-	-	-	-	-	1,274	-	-
121 Personal services	-	-	409	-	-	-	-	-	-	-
122 Domestic services	-	-	1,876	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	1,837	-	-	-	-	-
124 Total	3,212	1,961	3,927	26,282	12,922	11,783	6,287	8,000	3,426	6,513
125 Sales by final demand	-	-	-	2,925	215	-	-	-	-	-
126 Taxes on expenditure less subsidies	-	-	-	-	-	-	-	-	-	-
127 Total Expenditure	3,212	1,961	3,927	31,044	13,137	11,783	6,287	8,000	3,426	6,513

Table 4 : Consumers' expenditure - for 1990 (cont)

£ million

Products	National Accounts expenditure categories (see National Accounts Blue Book, table 4.7)								Total UK expend		
	Rec & ent services	Books & news	Education	Pharm & Oth med	Toilet articles	Hair & beauty	Other goods	Catering	Other services		
1 Agriculture	-	-	-	-	-	-	-	8	-	6,779	
2 Forestry	-	-	-	-	-	-	-	1	-	85	
3 Fishing	-	-	-	-	-	-	-	-	-	654	
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-	
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	10,613	
6 Coke ovens, oil proc, nuclear fuel	-	-	-	-	-	-	-	-	-	6,258	
7 Electricity production	-	-	-	-	-	-	-	-	-	4,849	
8 Gas	-	-	-	-	-	-	-	-	-	1,277	
9 Water supply	-	-	-	-	-	-	-	-	-	-	
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	-	
11 Iron and steel	-	-	-	-	-	-	-	-	-	-	
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-	
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	-	
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	85	
15 Structural clay products	-	-	-	-	-	-	-	-	-	57	
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	364	
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	-	-	-	736	
18 Glass	-	-	-	-	-	-	-	-	-	-	
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	-	
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	-	
21 Organic chemicals	-	-	-	-	-	-	-	-	-	68	
22 Fertilisers	-	-	-	-	-	-	-	-	-	-	
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	1,141	
24 Paints, dyes, printing ink etc	-	-	-	-	-	-	-	-	-	497	
25 Special chemicals for industry etc	-	-	-	-	-	-	-	-	-	1,277	
26 Pharmaceutical products	-	-	-	-	1,208	-	-	-	-	4,864	
27 Soap and toilet preparations	-	-	-	-	-	3,739	-	-	-	1,251	
28 Chemical products nes	-	-	-	-	-	-	-	-	-	-	
29 Man-made fibres	-	-	-	-	-	-	-	-	-	38	
30 Metal castings etc	-	-	-	-	-	-	-	-	-	77	
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-	
32 Packaging products of metal	-	-	-	-	-	-	80	-	-	2,299	
33 Metal goods nes	-	-	-	-	-	-	-	-	-	-	
34 Industrial plant and steelwork	-	-	-	-	-	-	-	-	-	-	
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-	
36 Metal-working machine tools	-	-	-	-	-	-	-	-	-	-	
37 Engineers small tools	-	-	-	-	-	-	-	-	-	-	
38 Textile etc machinery	-	-	-	-	-	-	-	-	-	-	
39 Process machinery and contractors	-	-	-	-	-	-	-	-	-	-	
40 Mining etc equipment	-	-	-	-	-	-	-	-	-	-	
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	536	
42 Other machinery etc	-	-	-	-	-	-	-	-	-	-	
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	471	
44 Office machinery, computers etc	-	-	-	-	-	-	-	-	-	101	
45 Insulated wires and cables	-	-	-	-	-	-	-	-	-	452	
46 Basic electrical equipment	-	-	-	-	-	-	-	-	-	508	
47 Industrial electrical equipment	-	-	-	-	-	-	-	-	-	186	
48 Telecommunication etc equipment	-	-	-	-	-	-	-	-	-	68	
49 Electronic components	-	-	-	-	-	-	-	-	-	5,286	
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	3,906	
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	90	
52 Electric lighting equipment, etc	-	-	-	-	-	-	-	-	-	13,276	
53 Motor vehicles and parts	-	-	-	-	-	-	-	-	-	500	
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-	
56 Other vehicles	-	-	-	-	-	-	-	-	-	1,902	
57 Instrument engineering	-	-	-	-	648	-	-	-	-	1,063	
58 Oils and fats	-	-	-	-	-	-	-	-	-	721	
59 Slaughtering and meat processing	-	-	-	-	-	-	-	-	-	9,990	
60 Milk and milk products	-	-	-	-	-	-	-	-	-	5,302	
61 Fruit, veg and fish processing	-	-	-	-	-	-	-	-	-	3,479	
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	307	
63 Bread, biscuits, etc	-	-	-	-	-	-	-	-	-	3,890	
64 Sugar	-	-	-	-	-	-	-	-	-	320	
65 Confectionery	-	-	-	-	-	-	-	-	-	4,219	
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	1,421	
67 Miscellaneous foods	-	-	-	-	-	-	-	-	-	4,981	
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	21,694	
69 Soft drinks	-	-	-	-	-	-	-	-	-	3,203	
70 Tobacco	-	-	-	-	-	-	-	-	-	8,578	
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	111	
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	3,269	
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	88	
74 Textile finishing	-	-	-	-	-	-	-	-	-	1,751	
75 Carpets etc	-	-	-	-	-	-	-	-	-	23	
76 Jute etc	-	-	-	-	-	-	-	-	-	392	
77 Leather and leather goods	-	-	-	-	-	-	-	357	-	3,675	
78 Footwear	-	-	-	-	-	-	-	-	-	13,879	
79 Clothing and furs	-	-	-	-	-	-	-	-	-	2,019	
80 Household and other textiles	-	-	-	-	-	-	-	-	-	768	
81 Timber and wood products	-	-	-	-	-	-	-	-	-	4,630	
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-	
83 Pulp, paper and board	-	-	-	-	781	-	-	-	-	1,516	
84 Paper and board products	-	-	-	-	-	-	-	-	-	5,028	
85 Printing and publishing	-	-	-	-	64	-	-	-	-	400	
86 Rubber products	-	-	-	-	-	-	-	-	-	774	
87 Processing of plastics	-	-	-	-	-	-	-	-	-	2,468	
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	3,113	
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	4,269	
90 Other goods	-	-	-	-	-	-	-	-	-	5,653	
91 Construction	-	-	-	-	-	-	-	-	-	-	
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	1,417	
93 Retail distribution	-	-	-	-	-	-	-	-	-	7,344	
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-	24,840	
95 Hotels, catering, pubs etc	-	-	-	-	-	-	-	-	-	1,719	
96 Railways	-	-	-	-	-	-	-	-	-	4,356	
97 Road and other inland transport	-	-	-	-	-	-	-	-	-	822	
98 Sea transport	-	-	-	-	-	-	-	-	-	4,543	
99 Air Transport	-	-	-	-	-	-	-	-	-	1,141	
100 Transport services	-	-	-	-	-	-	-	-	-	719	
101 Postal services	-	-	-	-	-	-	-	-	-	5,569	
102 Telecommunications	-	-	-	-	-	-	-	-	-	3,178	
103 Banking and finance	-	-	-	-	-	-	-	-	-	9,386	
104 Insurance	-	-	-	-	1,113	-	-	-	-	10,149	
105 Auxiliary financial services	-	-	-	-	-	-	-	-	-	655	
106 Estate agents	-	-	-	-	-	-	-	-	-	375	
107 Legal services	-	-	-	-	-	-	-	-	-	257	
108 Accountancy services	-	-	-	-	-	-	-	-	-	51	
109 Other professional services	-	-	-	-	-	-	-	-	-	169	
110 Advertising	-	-	-	-	-	-	-	-	-	-	
111 Computing services	-	-	-	-	-	-	-	-	-	-	
112 Other business services	-	-	-	-	-	-	-	-	-	-	
113 Renting of movables	-	-	-	-	-	-	-	-	-	6,232	
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-	-	
115 Public administration	-	-	-	-	-	-	-	-	-	1,673	
116 Sanitary services	-	-	-	-	-	-	-	-	-	-	
117 Education	-	-	2,825	-	-	-	-	-	51	3,064	
118 Research and development	-	-	-	836	-	-	-	-	-	-	
119 Health services	-	-	-	-	-	-	-	1,558	-	2,940	
120 Recreational and welfare services	7,558	-	-	-	-	-	-	2,835	2,371	14,037	
121 Personal services	-	-	-	-	-	-	-	-	2,111	4,534	
122 Domestic services	-	-	-	-	-	-	-	-	-	1,876	
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	35,515	
124 Total	7,558	4,708	2,825	3,869	4,600	2,014	6,360	29,298	19,060	331,095	
125 Sold by final demand	-	443	-	396	808	-	-	-	952	402	5,387
126 Taxes on expenditure less subsidies	-	-	-	-	-	-	-	-	-	382	3,034
127 Total Expenditure	8,001	4,708	3,221	4,677	4,600	2,014	6,360	30,250	19,844	339,516	

Table 4 : Consumers' expenditure - for 1990 (cont)

£ million

Products	National Accounts expenditure categories (see National Accounts Blue Book, table 4.71)				Total Consumers' expenditure
	Tourists expend in UK	Household expend abroad	Total expend	Final expend of PNNBs	
1 Agriculture	-94	90	6,775	13	6,788
2 Forestry	-	85	-	-	85
3 Fishing	-2	1	-	-	79
4 Coal extraction etc	-5	5	653	-	653
5 Extraction - oil and gas	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	-89	78	10,602	79	10,602
7 Electricity production	-52	46	6,251	68	6,319
8 Gas	-40	36	4,844	53	4,897
9 Water supply	-11	9	1,276	26	1,302
10 Extraction - metal ores & minerals	-	-	-	-	-
11 Iron and steel	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-
15 Structural clay products	-	-	-	-	-
16 Cement, lime and plaster	-1	1	85	1	86
17 Concrete, asbestos, abrasive prods	-	-	57	2	59
18 Glass	-3	3	364	-	364
19 Refractory and ceramic goods	-6	5	735	-	735
20 Inorganic chemicals	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-
22 Fertilisers	-1	-	68	-	68
23 Synthetic resins etc	-	-	-	-	-
24 Paints, dyes, printing ink etc	-10	8	1,140	4	1,144
25 Special chemicals for industry etc	-4	4	497	21	517
26 Pharmaceutical products	-11	9	1,275	10	1,286
27 Soap and toilet preparations	-41	36	4,859	38	4,897
28 Chemical products nes	-10	9	1,250	24	1,274
29 Man-made fibres	-	-	-	-	-
30 Metal castings etc	-	-	38	-	38
31 Metal doors, windows etc	-1	1	76	-	76
32 Packaging products of metal	-	-	-	-	-
33 Metal goods nec	-20	17	2,297	14	2,311
34 Industrial plant and steelwork	-	-	-	1	1
35 Agricultural machinery and tractors	-	-	-	-	-
36 Metal-working machine tools	-	-	-	1	1
37 Engineers small tools	-	-	-	1	1
38 Textile etc machinery	-	-	-	3	3
39 Process machinery and contractors	-	-	-	-	-
40 Mining etc equipment	-	-	-	16	16
41 Mech power transmission equipment	-	-	-	-	-
42 Other machinery etc	-3	3	536	22	558
43 Ordnance, small arms and ammunition	-	-	-	1	1
44 Office machinery, computers etc	-3	3	471	17	488
45 Insulated wires and cables	-1	1	101	-	101
46 Basic electrical equipment	-4	3	452	4	455
47 Industrial electrical equipment	-4	4	508	2	510
48 Telecommunication etc equipment	-1	1	185	125	310
49 Electronic components	-	-	68	-	68
50 Electronic consumer goods etc	-40	36	5,252	13	5,264
51 Domestic electric appliances	-37	32	3,902	13	3,915
52 Electric vehicles and equipment, etc	-1	1	90	2	92
53 Motor vehicles and parts	-111	98	13,263	21	13,283
54 Shipbuilding and repairing	-	-	500	-	500
55 Aerospace etc	-	-	-	72	72
56 Other vehicles	-20	18	1,900	1	1,901
57 Instrument engineering	-9	8	1,062	15	1,077
58 Oils and fats	-11	11	721	-	721
59 Slaughtering and meat processing	-150	146	9,986	-	9,986
60 Milk and milk products	-80	78	5,299	-	5,299
61 Fruit, veg and fish processing	-52	51	3,478	-	3,478
62 Grain milling and starch	-5	5	307	-	307
63 Bread, biscuits, etc	-59	57	3,889	-	3,889
64 Sugar	-5	5	319	-	319
65 Confectionery	-64	62	4,217	-	4,217
66 Animal feeding stuffs	-13	10	1,419	-	1,419
67 Miscellaneous foods	-75	73	4,979	-	4,979
68 Alcoholic drink	-680	708	21,714	1	21,715
69 Soft drinks	-48	47	3,201	-	3,201
70 Tobacco	-72	63	8,570	5	8,575
71 Woollen and worsted	-4	4	111	-	111
72 Cotton etc spinning and weaving	-6	6	131	-	131
73 Hosiery and other knitted goods	-186	195	3,278	2	3,280
74 Textile finishing	-3	3	88	-	88
75 Carpets etc	-15	13	1,749	11	1,760
76 Jute etc	-1	1	23	3	25
77 Leather and leather goods	-3	3	391	13	404
78 Footwear	-208	219	3,686	8	3,694
79 Clothing and furs	-789	831	13,920	48	13,969
80 Household and other textiles	-17	15	2,017	5	2,022
81 Timber and wood products	-6	6	767	10	778
82 Wooden furniture etc	-39	34	4,626	20	4,646
83 Pulp, paper and board	-	-	-	32	32
84 Paper and board products	-12	11	1,514	16	1,531
85 Printing and publishing	-43	38	5,023	267	5,290
86 Rubber products	-3	3	400	6	406
87 Processing of plastics	-6	6	773	-	796
88 Jewellery and coins	-21	18	2,466	-	2,466
89 Sports goods and toys	-21	18	3,110	47	3,157
90 Other goods	-42	37	4,264	12	4,276
91 Construction	-47	47	5,653	407	6,060
92 Wholesale distribution	-	-	-	-	-
93 Retail distribution	-4	3	1,416	175	1,591
94 Distribution & vehicle repair etc	-69	61	7,336	-	7,336
95 Hotels, catering, pubs etc	-3,257	3,476	25,058	18	25,077
96 Railways	-105	111	1,725	2	1,727
97 Road and other inland transport	-267	281	4,371	14	4,385
98 Sea transport	-50	53	825	1	826
99 Air Transport	-278	293	4,558	7	4,565
100 Transport services	-28	28	1,141	18	1,159
101 Postal services	-6	5	718	205	923
102 Telecommunications	-46	41	5,563	436	5,998
103 Banking and finance	-21	19	3,175	174	3,349
104 Insurance	-65	75	10,139	39	10,178
105 Auxiliary financial services	-7	6	854	128	982
106 Estate agents	-3	3	374	13	387
107 Legal services	-3	2	256	64	320
108 Accountancy services	-1	-	51	64	115
109 Other professional services	-2	1	169	128	296
110 Advertising	-	-	-	6	6
111 Computing services	-	-	-	32	32
112 Other business services	-	-	-	109	109
113 Renting of movables	-52	46	6,226	96	6,322
114 Owning and dealing in real estate	-	-	-	-	-
115 Public administration	-	-	1,673	52	1,725
116 Sanitary services	-	-	3,061	644	3,705
117 Education	-26	23	-	755	755
118 Research and development	-	-	-	755	3,705
119 Health services	-166	196	2,950	2,279	16,340
120 Recreational and welfare services	-609	632	14,060	-	4,533
121 Personal services	-46	37	4,525	7	4,533
122 Domestic services	-16	16	1,876	-	1,876
123 Ownership of dwellings	-284	250	35,482	-	35,482
124 Total	-8,978	9,051	331,269	7,837	339,106
125 Sales by final demand	-	-	5,387	-	5,387
126 Taxes on expenditure less subsidies	-	-	3,034	-	3,034
127 Total Expenditure	-8,978	9,051	339,690	7,837	347,527

Table 5 : General Government Final Consumption - services - for 1990

£ million

Products	115 Public administration	116 Sanitary services	117 Education	119 Health services	120 Recreational & welfare services	125 Total intermediate
1 Agriculture	22	7	58	16	28	131
2 Forestry	5	-	7	-	4	16
3 Fishing	4	-	3	-	3	10
4 Coal extraction etc	23	-	37	31	11	102
5 Extraction - oil and gas	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	622	26	148	92	96	983
7 Electricity production	406	10	235	218	126	995
8 Gas	140	-	185	151	107	583
9 Water supply	107	3	94	87	46	337
10 Extraction - metal ores & minerals	9	-	2	-	1	12
11 Iron and steel	3	-	-	-	0	3
12 Aluminium etc	-	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	0	9
14 Extraction - stone/clay/sand/gravel	9	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-
16 Cement, lime and plaster	40	8	59	2	27	136
17 Concrete, asbestos, abrasive prods	34	4	39	-	23	100
18 Glass	42	8	65	26	32	173
19 Refractory and ceramic goods	34	1	31	3	24	93
20 Inorganic chemicals	10	1	6	-	2	19
21 Organic chemicals	15	1	7	-	2	25
22 Fertilizers	27	-	-	-	0	27
23 Synthetic resins etc	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	41	2	30	5	23	101
25 Special chemicals for industry etc	22	1	18	21	13	75
26 Pharmaceutical products	8	-	-	3,068	0	3,096
27 Soap and toilet preparations	25	1	21	27	15	89
28 Chemical products nec	13	-	21	52	15	101
29 Man-made fibres	3	-	-	-	0	3
30 Metal castings etc	19	1	15	-	12	47
31 Metal doors, windows etc	16	1	15	-	12	46
32 Packaging products of metal	-	-	-	-	-	-
33 Metal goods nec	18	7	46	93	14	178
34 Industrial plant and steelwork	20	-	-	-	0	20
35 Agricultural machinery and tractors	4	-	-	-	0	4
36 Metal-working machine tools	1	-	-	-	0	1
37 Engineers small tools	26	1	19	3	14	63
38 Textile etc machinery	12	-	-	-	0	32
39 Process machinery and contractors	32	-	-	-	0	-
40 Mining etc equipment	4	-	-	58	0	62
41 Mech power transmission equipment	132	-	-	-	0	132
42 Other machinery etc	938	-	-	-	1	978
43 Ordnance, small arms and ammunition	927	-	-	-	-	927
44 Office machinery, computers etc	1,449	5	63	136	81	1,733
45 Insulated wires and cables	30	-	-	-	0	30
46 Basic electrical equipment	107	1	16	57	13	194
47 Industrial electrical equipment	132	-	11	22	11	180
48 Telecommunication etc equipment	2,044	4	-	23	9	2,076
49 Electronic components	190	4	24	1	7	226
50 Electronic consumer goods etc	66	13	62	-	23	184
51 Domestic electric appliances	6	-	-	201	0	207
52 Electric lighting equipment, etc	41	1	22	2	17	83
53 Motor vehicles and parts	375	42	11	20	21	469
54 Shipbuilding and repairing	895	-	-	-	0	895
55 Aerospace etc	3,204	-	-	-	0	3,204
56 Other vehicles	152	-	-	-	1	156
57 Instrument engineering	251	-	-	3	13	1,498
58 Oils and fats	11	-	10	125	11	157
59 Slaughtering and meat processing	148	-	112	68	69	397
60 Milk and milk products	63	-	11	39	2	115
61 Fruit, veg and fish processing	58	-	70	5	41	174
62 Grain milling and starch	3	-	7	49	8	67
63 Bread, biscuits, etc	50	-	26	7	30	113
64 Sugar	11	-	9	47	11	78
65 Confectionery	20	-	21	-	24	65
66 Animal feeding stuffs	3	-	14	56	16	87
67 Miscellaneous foods	20	-	39	-	44	103
68 Alcoholic drink	2	-	-	18	0	20
69 Soft drinks	6	-	21	-	24	51
70 Tobacco	-	-	-	-	-	-
71 Woollen and worsted	15	-	-	11	0	26
72 Cotton etc spinning and weaving	13	-	-	1	0	14
73 Hosiery and other knitted goods	7	1	1	5	3	17
74 Textile finishing	-	-	-	-	-	-
75 Carpets etc	17	2	8	-	6	33
76 Jute etc	24	-	-	-	0	24
77 Leather and leather goods	7	-	-	-	0	7
78 Footwear	25	1	1	23	3	53
79 Clothing and furs	159	1	6	120	13	307
80 Household and other textiles	18	-	4	240	3	265
81 Timber and wood products	117	1	63	5	50	236
82 Wooden furniture etc	380	2	165	47	57	671
83 Pulp, paper and board	75	-	-	5	2	82
84 Paper and board products	370	3	37	14	27	450
85 Printing and publishing	521	1	227	161	198	1,119
86 Rubber products	152	2	4	-	10	174
87 Processing of plastics	74	10	66	62	32	234
88 Jewellery and coins	-	-	-	-	-	-
89 Sports goods and toys	13	2	15	5	4	39
90 Other goods	35	-	-	41	0	76
91 Construction	3,764	373	731	204	417	5,490
92 Wholesale distribution	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-
94 Distribution & vehicle repair etc	40	29	32	15	32	148
95 Hotels, catering, pubs etc	119	1	11	28	10	169
96 Railways	139	-	7	113	4	263
97 Road and other inland transport	629	14	21	137	15	817
98 Sea transport	75	-	-	39	-	114
99 Air Transport	89	-	-	27	1	117
100 Transport services	155	14	28	350	18	565
101 Postal services	393	-	20	43	21	477
102 Telecommunications	534	1	67	193	70	865
103 Banking and finance	1,195	-	-	2	30	1,217
104 Insurance	27	7	10	-	17	61
105 Auxiliary financial services	-	-	-	-	-	-
106 Estate agents	24	6	32	-	19	79
107 Legal services	-	-	-	-	-	-
108 Accountancy services	2	-	-	-	-	2
109 Other professional services	510	4	32	-	31	577
110 Advertising	302	-	-	50	8	359
111 Computing services	158	23	39	-	80	300
112 Other business services	1,637	390	546	-	507	3,080
113 Renting of movables	52	168	318	-	92	630
114 Owning and dealing in real estate	912	11	67	47	62	1,099
115 Public administration	508	-	-	-	-	508
116 Sanitary services	126	-	-	552	3	681
117 Education	3,201	4	171	-	37	3,413
118 Research and development	115	-	-	-	3	118
119 Health services	31	-	-	3,153	-	3,184
120 Recreational and welfare services	208	237	230	78	412	1,165
121 Personal services	8	-	7	-	14	29
122 Domestic services	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-
124 Total intermediate	30,109	1,497	4,706	11,890	3,439	51,640
125 Sales by final demand	-	-	-	-	-	-
126 Taxes on expenditure less subsidies	247	25	601	-	163	1,036
127 Value added	31,676	676	15,256	14,904	5,330	67,842
128 Gross Output	62,032	2,198	20,563	26,794	8,932	120,518

Table 6 : General Government Final Consumption - functions - for 1990

£ million

Table 7 : Gross domestic fixed capital formation - 1990

£ million

Products	Industry grouping (see National Accounts Blue Book table 13.8)									
	Agric etc	Extraction Oil & Gas	Other Mining	Solid fuel	Chemicals & fibres	Oth non-metal mins	Metals etc	Machinery	Electrical & optical	Transport Equip
1 Agriculture	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	-	-	-	-	-	-	-	-	-	-
7 Electricity production	-	-	-	-	-	-	-	-	-	-
8 Gas	-	-	-	-	-	-	-	-	-	-
9 Water supply	-	-	-	-	-	-	-	-	-	-
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	-
11 Iron and steel	-	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	-	-	-	-
18 Glass	-	-	-	-	-	-	-	-	-	-
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	-
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	-	-	-	-	-	-	-	-	-	-
25 Special chemicals for industry etc	-	-	-	-	-	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	-	-	-	-	-	-	-	-	-	-
28 Chemical products nes	-	-	-	-	-	31	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	-	-	-	-	-	-	-	-	-	-
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	-
33 Metal goods nes	31	2	-	2	24	-	152	112	113	112
34 Industrial plant and steelwork	-	1,160	152	598	384	53	-	-	-	-
35 Agricultural machinery and tractors	444	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	2	-	1	-	7	-	221	70	197	221
37 Engineers small tools	1	1	9	1	20	2	78	59	61	77
38 Textile etc machinery	-	-	-	-	112	-	2	6	2	-
39 Process machinery and contractors	1	-	-	-	58	5	8	12	3	-
40 Mining etc equipment	8	77	293	65	53	-	133	304	99	251
41 Mech power transmission equipment	-	50	-	-	-	-	-	-	-	-
42 Other machinery etc	-	-	82	8	38	-	90	28	87	93
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	2	1	-	9	21	29	23	37	49	100
45 Insulated wires and cables	-	11	-	-	-	-	-	-	-	-
46 Basic electrical equipment	1	1	1	1	17	1	35	18	48	29
47 Industrial electrical equipment	1	2	-	1	10	1	75	49	3	82
48 Telecommunication etc equipment	4	25	-	2	1	12	22	1	223	52
49 Electronic components	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	9	1	-	2	8	2	5	7	9	9
53 Motor vehicles and parts	265	2	79	7	143	8	97	211	137	127
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	-	-	100	-	289	54	270	135	62	243
58 Oils and fats	-	-	-	-	-	-	-	-	-	-
59 Slaughtering and meat processing	-	-	-	-	-	-	-	-	-	-
60 Milk and milk products	-	-	-	-	-	-	-	-	-	-
61 Fruit, veg and fish processing	-	-	-	-	-	-	-	-	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	-	-	-	-	-	-	-	-	-	-
64 Sugar	-	-	-	-	-	-	-	-	-	-
65 Confectionery	-	-	-	-	-	-	-	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	-	-	-	-	-	-	-	-	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	-	-	-	-	-	-	-	-	-	-
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	-	-	-	-	-	-	-	-	-
84 Paper and board products	-	-	-	-	-	-	-	-	-	-
85 Printing and publishing	-	-	-	-	-	-	-	-	-	-
86 Rubber products	-	-	-	-	-	-	-	-	-	-
87 Processing of plastics	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-
91 Construction	574	1,552	247	153	258	31	98	189	182	281
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-	-
95 Hotels, catering, pubs etc	-	-	-	-	-	-	-	-	-	-
96 Railways	-	23	-	-	-	-	-	-	-	-
97 Road and other inland transport	13	227	5	4	11	2	7	5	3	10
98 Sea transport	-	164	-	-	-	-	-	-	-	-
99 Air Transport	-	14	-	-	-	-	-	-	-	-
100 Transport services	-	-	-	-	-	-	-	-	-	-
101 Postal services	-	-	-	-	-	-	-	-	-	-
102 Telecommunications	-	-	-	-	-	-	-	-	-	-
103 Banking and finance	-	-	-	-	-	-	-	-	-	-
104 Insurance	-	7	-	-	-	-	-	-	-	-
105 Auxiliary financial services	-	-	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-
107 Legal services	-	-	-	-	-	-	-	-	-	-
108 Accountancy services	-	-	-	-	-	-	-	-	-	-
109 Other professional services	47	228	130	34	183	40	136	19	111	199
110 Advertising	-	-	-	-	-	-	-	-	-	-
111 Consulting services	11	10	28	4	56	13	33	5	27	50
112 Other business services	15	15	48	12	91	20	95	7	58	139
113 Renting of movables	-	-	-	-	-	-	-	-	-	-
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	-	-	-	-	-	-	-	-	-	-
117 Education	-	-	-	-	-	-	-	-	-	-
118 Research and development	-	-	-	-	-	-	-	-	-	-
119 Health services	-	-	-	-	-	-	-	-	-	-
120 Recreational and welfare services	-	-	-	-	-	-	-	-	-	-
121 Personal services	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	1,430	3,573	1,176	961	2,284	275	1,578	1,274	1,476	2,075
125 Sales by final demand	-62	-6	-43	-4	-79	-16	-41	-169	-84	-93
126 Taxes on expenditure less subsidies	-	-	-	-	-	-	-	-	-	-
127 Total inputs	1,368	3,567	1,133	957	2,205	259	1,537	1,105	1,392	1,902

The sum of components do not sum to the totals due to rounding

Table 7 : Gross domestic fixed capital formation - 1990 (cont)

£ million

Products	Industry grouping (see National Accounts Blue Book Table 13.8)									
	Food etc	Textile & Leather	Pulp, Paper	Other manufact	Electric	Gas	Water Construction	Motor vehicles	Wholesale distrib	
1 Agriculture	-	-	-	-	-	-	-	-	-	
2 Forestry	-	-	-	-	-	-	-	-	-	
3 Fishing	-	-	-	-	-	-	-	-	-	
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	
6 Coke ovens, oil proc, nuclear fuel	-	-	-	-	-	-	-	-	-	
7 Electricity production	-	-	-	-	-	-	-	-	-	
8 Gas	-	-	-	-	-	-	-	-	-	
9 Water supply	-	-	-	-	-	-	-	-	-	
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	
11 Iron and steel	-	-	-	-	-	-	-	-	-	
12 Aluminium etc	-	-	-	-	-	-	-	-	-	
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	
15 Structural clay products	-	-	-	-	-	-	-	-	-	
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	-	-	-	
18 Glass	-	-	-	-	-	-	-	-	-	
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	
21 Organic chemicals	-	-	-	-	-	-	-	-	-	
22 Fertilisers	-	-	-	-	-	-	-	-	-	
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	
24 Painting dyes, printing ink etc	-	-	-	-	-	-	-	-	-	
25 Special chemicals for industry etc	-	-	-	-	-	-	-	-	-	
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	
27 Soap and toilet preparations	-	-	-	-	-	-	-	-	-	
28 Chemical products nes	-	-	-	-	-	-	-	-	-	
29 Man-made fibres	-	-	-	-	-	-	-	-	-	
30 Metal castings etc	-	-	-	-	-	-	-	-	-	
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	
33 Metal goods nec	72	16	58	79	20	29	4	12	100	374
34 Industrial plant and steelwork	-	-	-	6	236	-	18	19	-	156
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	-
36 Metal-working machine tools	12	3	3	6	61	66	-	38	-	4
37 Engineers small tools	11	31	32	41	25	35	3	24	-	18
38 Textile etc machinery	118	232	759	210	-	4	18	1	-	4
39 Process machinery and contractors	691	-	54	-	-	8	43	5	-	83
40 Mining etc equipment	86	16	40	113	102	45	78	205	100	24
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	8	35	77	377	10	15	-	25	-	11
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	179	2	47	40	40	76	13	1	41	349
45 Insulated wires and cables	-	-	-	-	379	-	-	-	-	-
46 Basic electrical equipment	15	3	6	13	107	4	2	-	-	6
47 Industrial electrical equipment	4	2	2	16	591	-	-	-	-	4
48 Telecommunication etc equipment	37	22	1	3	323	51	31	25	-	134
49 Electronic components	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	8	2	2	5	1	2	-	-	-	14
53 Motor vehicles and parts	218	64	235	182	122	45	31	446	208	727
54 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	-	-	-	-	-	-	-	-
57 Instrument engineering	-	-	-	-	129	-	-	71	40	-
58 Oils and fats	-	-	-	-	-	-	-	-	-	-
59 Slaughtering and meat processing	-	-	-	-	-	-	-	-	-	-
60 Milk and milk products	-	-	-	-	-	-	-	-	-	-
61 Fruit, veg and fish processing	-	-	-	-	-	-	-	-	-	-
62 Grain milling and starch	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	-	-	-	-	-	-	-	-	-	-
64 Sugar	-	-	-	-	-	-	-	-	-	-
65 Confectionery	-	-	-	-	-	-	-	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	-	-	-	-	-	-	-	-	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	-	-	-	-	-	3	2	-	-	19
82 Wooden furniture etc	-	-	-	-	-	-	-	-	-	-
83 Pulp, paper and board	-	-	-	-	-	-	-	-	-	-
84 Paper and board products	-	-	-	-	-	-	-	-	-	-
85 Printing and publishing	-	-	-	-	-	-	-	-	-	-
86 Rubber products	-	-	-	-	-	-	-	-	-	-
87 Processing of plastics	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-
91 Construction	373	47	202	138	367	547	872	176	281	672
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-	-
95 Hotels, catering, pub etc	-	-	-	-	-	-	-	-	-	-
96 Railways	-	-	-	-	-	-	-	-	-	-
97 Road and other inland transport	12	3	4	5	-	-	-	3	-	14
98 Sea transport	-	-	-	-	-	-	-	-	-	-
99 Air Transport	-	-	-	-	-	-	-	-	-	-
100 Transport services	-	-	-	-	-	-	-	-	-	-
101 Postal services	-	-	-	-	-	-	-	-	-	-
102 Telecommunications	-	-	-	-	-	-	-	-	-	-
103 Banking and finance	-	-	-	-	-	-	-	-	-	-
104 Insurance	-	-	-	-	-	-	-	-	-	-
105 Auxiliary financial services	-	-	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-
107 Legal services	-	-	-	-	-	-	-	-	-	-
108 Accountancy services	-	-	-	-	-	-	-	-	-	-
109 Other professional services	123	3	8	3	75	11	6	17	-	58
110 Advertising	-	-	-	-	-	-	-	-	-	-
111 Computing services	44	1	1	1	22	3	1	4	-	14
112 Other business services	37	9	2	5	34	19	56	6	-	256
113 Renting of moveable	-	-	-	-	-	-	-	-	-	-
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	-	-	-	-	-	-	-	-	-	-
117 Education	-	-	-	-	-	-	-	-	-	-
118 Research and development	-	-	-	-	-	-	-	-	-	-
119 Health services	-	-	-	-	-	-	-	-	-	-
120 Recreational and welfare services	-	-	-	-	-	-	-	-	-	-
121 Personal services	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	2,046	489	1,529	1,242	2,648	961	1,187	1,109	770	2,941
125 Sales by final demand	-132	-59	-204	-132	-45	-4	-5	-144	-66	-233
126 Taxes on expenditure less subsidies	-	-	-	-	-	-	-	-	-	-
127 Total inputs	1,914	430	1,325	1,120	2,603	957	1,182	965	704	2,708

The sum of components do not sum to the totals due to rounding

Table 7 : Gross domestic fixed capital formation - 1990 (cont)

£ million

Products	Industry grouping (See National Accounts Blue Book table 13.8)									
	Retail distrib	Hotels & catering	Railway	Other land transport	Water transport	Air transport	Other transport	Post & telecoms	Banking & insurance	Business services
1 Agriculture	-	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc, nuclear fuel	-	-	-	-	-	-	-	-	-	-
7 Electricity production	-	-	-	-	-	-	-	-	-	-
8 Gas	-	-	-	-	-	-	-	-	-	-
9 Water supply	-	-	-	-	-	-	-	-	-	-
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-	-
11 Iron and steel	-	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	-	-	-	-
15 Structural clay products	-	-	-	-	-	-	-	-	-	-
16 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	-	-	-	-
18 Glass	-	-	-	-	-	-	-	-	-	-
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-	-
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	-	-	-	-	-	-	-	-	-	-
25 Special chemicals for industry etc	-	-	-	-	-	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	-	-	-	-	-	-	-	-	-	-
28 Chemical products nes	-	-	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-	-
30 Metal castings etc	-	-	-	-	-	-	-	-	-	-
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-	-
33 Metal goods nes	64	296	4	9	2	-	16	4	39	168
34 Industrial plant and steelwork	89	-	-	-	-	-	-	-	284	334
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	-	17
36 Metal-working machine tools	11	-	2	5	-	-	-	-	172	13
37 Engineers small tools	12	2	4	6	-	1	7	18	15	-
38 Textile etc machinery	-	-	-	-	-	-	-	-	-	-
39 Process machinery and contractors	197	29	-	-	-	-	-	-	10	124
40 Mining etc equipment	70	-	18	12	-	12	-	-	-	-
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	-	-
42 Other machinery etc	53	-	2	8	38	-	136	-	-	1,420
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	216	46	26	48	4	3	31	91	1,442	1,299
45 Insulated wires and cables	-	-	-	-	-	-	-	99	-	-
46 Basic electrical equipment	8	4	2	2	-	-	1	1,185	3	7
47 Industrial electrical equipment	2	-	1	2	-	-	2	1	-	1
48 Telecommunication etc equipment	627	4	16	1	-	2	5	2,043	22	260
49 Electronic components	-	-	-	-	-	-	-	-	-	-
50 Electronic consumer goods etc	-	-	-	-	-	-	-	-	-	-
51 Domestic electric appliances	-	-	-	-	-	-	-	-	-	-
52 Electric lighting equipment, etc	27	9	1	9	2	-	2	624	30	16
53 Motor vehicles and parts	520	111	-	1,100	80	22	540	478	1,623	1,725
54 Shipbuilding and repairing	-	-	-	-	216	-	445	-	-	1,796
55 Aerospace etc	-	-	-	-	-	-	-	-	-	-
56 Other vehicles	-	-	295	80	-	1	-	-	-	-
57 Instrument engineering	90	-	-	53	-	-	-	-	-	-
58 Oils and fats	-	-	-	-	-	-	-	-	-	-
59 Slaughtering and meat processing	-	-	-	-	-	-	-	-	-	-
60 Milk and milk products	-	-	-	-	-	-	-	-	-	-
61 Fruit, veg and fish processing	-	-	-	-	-	-	-	-	-	-
62 Grain mulling and starch	-	-	-	-	-	-	-	-	-	-
63 Bread, biscuits, etc	-	-	-	-	-	-	-	-	-	-
64 Sugar	-	-	-	-	-	-	-	-	-	-
65 Confectionery	-	-	-	-	-	-	-	-	-	-
66 Animal feeding stuffs	-	-	-	-	-	-	-	-	-	-
67 Miscellaneous foods	-	-	-	-	-	-	-	-	-	-
68 Alcoholic drink	-	-	-	-	-	-	-	-	-	-
69 Soft drinks	-	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	-	-	-	-
81 Timber and wood products	-	-	-	-	-	-	-	-	-	-
82 Wooden furniture etc	207	293	-	-	-	-	-	-	-	308
83 Pulp, paper and board	-	-	-	-	-	-	-	-	-	-
84 Paper and board products	-	-	-	-	-	-	-	-	-	-
85 Printing and publishing	-	-	-	-	-	-	-	-	-	-
86 Rubber products	-	-	-	-	-	-	-	-	-	-
87 Processing of plastics	-	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-	-
91 Construction	1,626	1,183	1,030	462	31	4	479	176	1,245	8,722
92 Wholesale distribution	-	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-	-
95 Hotels, catering, pubs etc	-	-	-	-	-	-	-	-	-	-
96 Railways	-	-	-	-	-	-	-	-	-	-
97 Road and other inland transport	25	7	2	5	18	-	5	24	16	22
98 Sea transport	-	-	-	-	-	-	-	-	-	-
99 Air Transport	-	-	-	-	-	-	-	-	-	-
100 Transport services	-	-	-	-	-	-	-	-	-	-
101 Postal services	-	-	-	-	-	-	-	-	-	-
102 Telecommunications	-	-	-	-	-	-	-	-	-	-
103 Banking and finance	-	-	-	-	-	-	-	-	-	-
104 Insurance	-	-	-	-	-	-	-	-	-	-
105 Auxiliary financial services	-	-	-	-	-	-	-	-	-	-
106 Estate agents	-	-	-	-	-	-	-	-	-	-
107 Legal services	-	-	-	-	-	-	-	-	-	-
108 Accountancy services	-	-	-	-	-	-	-	-	-	-
109 Other professional services	176	16	7	16	-	-	3	-	152	332
110 Advertising	-	-	-	-	-	-	-	-	-	-
111 Computing services	25	4	2	4	-	-	1	-	85	48
112 Other business services	27	14	3	85	6	-	1	-	39	38
113 Renting of movables	-	-	-	-	-	-	-	-	-	-
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-	-
116 Sanitary services	-	-	-	-	-	-	-	-	-	-
117 Education	-	-	-	-	-	-	-	-	-	-
118 Research and development	-	-	-	-	-	-	-	-	-	-
119 Health services	-	-	-	-	-	-	-	-	-	-
120 Recreational and welfare services	-	-	-	-	-	-	-	-	-	-
121 Personal services	-	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-
124 Total intermediate	4,072	2,016	1,417	2,006	396	492	1,228	4,745	5,375	16,649
125 Sales by final demand	-341	-23	-53	-317	-67	-79	-279	-36	-582	-391
126 Taxes on expenditure less subsidies	-	-	-	-	-	-	-	-	-	-
127 Total inputs	3,731	1,993	1,364	1,689	329	413	949	4,709	4,793	16,258

The sum of components do not sum to the totals due to rounding

Table 7 : Gross domestic fixed capital formation - 1990 (cont)

£ million

Products	Industry grouping (see National Accounts Blue Book table 13.8)								Total
	Public admin	Roads	Education	Health services	Sanit. services	Other services	Dwellings	Transfer costs	
1 Agriculture	-	-	-	-	-	-	-	-	-
2 Forestry	-	-	-	-	-	-	-	-	-
3 Fishing	-	-	-	-	-	-	-	-	-
4 Coal extraction etc	-	-	-	-	-	-	-	-	-
5 Extraction - oil and gas	-	-	-	-	-	-	-	-	-
6 Coke ovens, oil proc. nuclear fuel	-	-	-	-	-	-	-	-	-
7 Electricity production	-	-	-	-	-	-	-	-	-
8 Gas	-	-	-	-	-	-	-	-	-
9 Water supply	-	-	-	-	-	-	-	-	-
10 Extraction - metal ores & minerals	-	-	-	-	-	-	-	-	-
11 Iron and steel	-	-	-	-	-	-	-	-	-
12 Aluminium etc	-	-	-	-	-	-	-	-	-
13 Other non-ferrous metals	-	-	-	-	-	-	-	-	-
14 Extraction - stone/clay/sand/gravel	-	-	-	-	-	-	182	-	182
15 Structural clay products	-	-	-	-	-	-	61	-	61
16 Cement, lime and plaster	-	-	-	-	-	-	182	-	182
17 Concrete, asbestos, abrasive prods	-	-	-	-	-	-	6	-	6
18 Glass	-	-	-	-	-	-	-	-	-
19 Refractory and ceramic goods	-	-	-	-	-	-	-	-	-
20 Inorganic chemicals	-	-	-	-	-	-	-	-	-
21 Organic chemicals	-	-	-	-	-	-	-	-	-
22 Fertilisers	-	-	-	-	-	-	-	-	-
23 Synthetic resins etc	-	-	-	-	-	-	-	-	-
24 Paints, dyes, printing ink etc	-	-	-	-	-	-	-	-	-
25 Special chemicals for industry etc	-	-	-	-	-	-	-	-	-
26 Pharmaceutical products	-	-	-	-	-	-	-	-	-
27 Soap and toilet preparations	-	-	-	-	-	-	-	-	-
28 Chemical products nos	-	-	-	-	-	-	-	-	-
29 Man-made fibres	-	-	-	-	-	-	-	-	-
30 Metal castings etc	-	-	-	-	-	-	150	-	150
31 Metal doors, windows etc	-	-	-	-	-	-	-	-	-
32 Packaging products of metal	-	-	-	-	-	-	-	-	-
33 Metal goods nos	32	2	44	68	11	345	153	-	2,593
34 Industrial plant and steelwork	-	18	-	32	13	24	-	-	3,242
35 Agricultural machinery and tractors	-	-	-	-	-	-	-	-	778
36 Metal-working machine tools	1	5	-	2	-	-	-	-	1,127
37 Engineers small tools	16	17	18	19	1	1	-	-	679
38 Textile etc machinery	-	2	-	-	-	-	-	-	1,468
39 Process machinery and contractors	4	-	-	-	-	81	-	-	1,729
40 Mining etc equipment	69	-	-	-	-	-	-	-	2,529
41 Mech power transmission equipment	-	-	-	-	-	-	-	-	50
42 Other machinery etc	9	-	59	112	3	38	-	-	2,863
43 Ordnance, small arms and ammunition	-	-	-	-	-	-	-	-	-
44 Office machinery, computers etc	699	1	144	89	1	182	-	-	5,380
45 Insulated wires and cables	-	-	-	2	2	2	-	-	489
46 Basic electrical equipment	19	-	2	2	1	2	-	-	1,552
47 Industrial electrical equipment	1	-	2	-	-	379	-	-	866
48 Telecommunication etc equipment	149	-	-	-	-	-	-	-	4,473
49 Electronic components	-	-	-	-	-	-	-	-	-
50 Domestic electric consumer goods etc	-	-	-	-	-	-	-	-	879
51 Electric lighting equipment, etc	9	20	8	14	2	19	-	-	11,044
52 Motor vehicles and parts	277	56	58	134	121	768	-	-	234
53 Shipbuilding and repairing	18	-	-	-	-	-	20	-	2,269
54 Aerospace etc	-	-	-	-	-	-	-	-	376
55 Other vehicles	-	-	-	-	-	-	-	-	1,620
56 Instrument engineering	15	-	-	69	-	-	-	-	-
57 Oils and fats	-	-	-	-	-	-	-	-	-
58 Slaughtering and meat processing	-	-	-	-	-	-	-	-	-
59 Milk and milk products	-	-	-	-	-	-	-	-	-
60 Fruit, veg and fish processing	-	-	-	-	-	-	-	-	-
61 Grain milling and starch	-	-	-	-	-	-	-	-	-
62 Bread, biscuits, etc	-	-	-	-	-	-	-	-	-
63 Sugar	-	-	-	-	-	-	-	-	-
64 Confectionery	-	-	-	-	-	-	-	-	-
65 Animal feeding stuffs	-	-	-	-	-	-	-	-	-
66 Miscellaneous foods	-	-	-	-	-	-	-	-	-
67 Alcoholic drink	-	-	-	-	-	-	-	-	-
68 Soft drinks	-	-	-	-	-	-	-	-	-
70 Tobacco	-	-	-	-	-	-	-	-	-
71 Woollen and worsted	-	-	-	-	-	-	-	-	-
72 Cotton etc spinning and weaving	-	-	-	-	-	-	-	-	-
73 Hosiery and other knitted goods	-	-	-	-	-	-	-	-	-
74 Textile finishing	-	-	-	-	-	-	-	-	-
75 Carpets etc	-	-	-	-	-	-	-	-	-
76 Jute etc	-	-	-	-	-	-	-	-	-
77 Leather and leather goods	-	-	-	-	-	-	-	-	-
78 Footwear	-	-	-	-	-	-	-	-	-
79 Clothing and furs	-	-	-	-	-	-	-	-	-
80 Household and other textiles	-	-	-	-	-	-	200	-	200
81 Timber and wood products	-	-	-	-	-	18	200	-	858
82 Wooden furniture etc	2	-	4	-	-	-	-	-	-
83 Pulp, paper and board	-	-	-	-	-	-	-	-	-
84 Paper and board products	-	-	-	-	-	-	-	-	-
85 Printing and publishing	-	-	-	-	-	-	-	-	-
86 Rubber products	-	-	-	-	-	-	6	-	6
87 Processing of plastics	-	-	-	-	-	-	-	-	-
88 Jewellery and coins	-	-	-	-	-	-	-	-	-
89 Sports goods and toys	-	-	-	-	-	-	-	-	-
90 Other goods	-	-	-	-	-	-	-	-	-
91 Construction	2,179	3,178	1,398	1,550	1,005	1,908	19,457	-	52,773
92 Wholesale distribution	-	-	-	-	-	-	-	-	-
93 Retail distribution	-	-	-	-	-	-	-	-	-
94 Distribution & vehicle repair etc	-	-	-	-	-	-	-	-	-
95 Hotels, catering, pubs etc	-	-	-	-	-	-	-	-	23
96 Railways	7	13	5	11	3	15	-	-	509
97 Road and other inland transport	7	-	-	-	-	-	-	-	164
98 Sea transport	-	-	-	-	-	-	-	-	14
99 Air Transport	-	-	-	-	-	-	-	-	-
100 Transport services	-	-	-	-	-	-	-	-	-
101 Postal services	-	-	-	-	-	-	-	-	-
102 Telecommunications	-	-	-	-	-	-	-	-	-
103 Banking and finance	-	-	-	-	-	-	-	-	7
104 Insurance	-	-	-	-	-	-	-	-	-
105 Auxiliary financial services	-	-	-	-	-	-	-	1,935	1,935
106 Estate agents	-	-	-	-	-	-	354	968	1,322
107 Legal services	-	-	-	-	-	-	-	-	-
108 Accountancy services	167	15	93	58	7	113	-	322	3,108
109 Other professional services	-	-	-	-	-	-	-	-	-
110 Advertising	-	-	4	22	14	2	26	-	604
111 Consulting services	40	-	26	55	2	374	-	-	1,725
112 Other business services	122	-	-	-	-	-	-	-	-
113 Renting of moveables	-	-	-	-	-	-	-	-	-
114 Owning and dealing in real estate	-	-	-	-	-	-	-	-	-
115 Public administration	-	-	-	-	-	-	-	-	-
116 Sanitary services	-	-	-	-	-	-	-	-	-
117 Education	-	-	-	-	-	-	-	-	-
118 Research and development	-	-	-	-	-	-	-	-	-
119 Health services	-	-	-	-	-	-	-	-	-
120 Recreational and welfare services	-	-	-	-	-	-	-	-	-
121 Personal services	-	-	-	-	-	-	-	-	-
122 Domestic services	-	-	-	-	-	-	-	-	-
123 Ownership of dwellings	3,859	3,329	1,683	2,235	1,254	4,143	20,757	3,225	110,106
124 Total intermediate	-194	-15	-10	-12	-7	-343	-	-	-4,360
125 Sales by final demand	-	-	-	-	-	-	-	1,030	1,030
126 Taxes on expenditure less subsidies	-	-	-	-	-	-	-	4,255	106,776
127 Total inputs	3,665	3,314	1,873	2,223	1,247	3,800	20,757	-	-

The sum of components do not sum to the totals due to rounding

Table 8 : Input-Output Classifications

Industry/product groups	SIC(80) Activity Headings
1 Agriculture and Horticulture	0100
2 Forestry	0200
3 Fishing	0300
4 Coal extraction and manufacture of solid fuels	1113, 1114, 1115
5 Extraction of mineral oil and natural gas	1300
6 Coke ovens, mineral oil processing and nuclear fuel production	1200, 1401, 1402, 1520
7 Electricity production	1610, 1630
8 Gas	1620
9 Water supply	1700
10 Extraction of metalliferous ores and minerals nes	2100, 2330, 2396
11 Iron and steel, and steel products	2210, 2220, 2234, 2235
12 Aluminium and aluminium alloys	2245
13 Other non-ferrous metals (including precious metals)	2246, 2247
14 Extraction of stone, clay, sand and gravel	2310
15 Structural clay products	2410
16 Cement, lime and plaster	2420
17 Concrete, stone, asbestos and abrasive products	2436, 2437, 2450, 2440, 2460
18 Glass	2471, 2478, 2479
19 Refractory and ceramic goods	2481, 2489
20 Inorganic chemicals	2511
21 Organic chemicals	2512
22 Fertilisers	2513
23 Synthetic resins and plastic materials, synthetic rubber	2514, 2515
24 Paints, dyes, pigments, printing ink	2516, 2551, 2552
25 Specialised chemicals for industry and agriculture	2562, 2563, 2564, 2565, 2567, 2568, 2569
26 Pharmaceutical products	2570
27 Soap and toilet preparations	2581, 2582
28 Chemical products nes	2591, 2599
29 Man-made fibres	2600
30 Metal castings, forgings, fastenings, springs, etc	3111, 3112, 3120, 3137, 3138
31 Metal doors, windows, etc	3142
32 Packaging products of metal	3164
33 Metal goods nes	3161, 3162, 3163, 3165, 3166, 3167, 3169
34 Industrial plant and steelwork	3204, 3205
35 Agricultural machinery and tractors	3211, 3212
36 Metal-working machine tools	3221
37 Engineers small tools	3222
38 Textile machinery, machinery for working other materials	3230, 3275, 3276
39 Process machinery and contractors	3244, 3245, 3246
40 Mining, construction and mechanical handling equipment	3251, 3254, 3255
41 Mechanical power transmission equipment	3261, 3262
42 Other machinery and mechanical equipment	3281, 3283, 3284, 3285, 3286, 3287, 3288, 3289
43 Ordnance, small arms and ammunition	3290
44 Office machinery and computer equipment	3301, 3302
45 Insulated wires and cables	3410
46 Basic electrical equipment	3420
47 Electrical equipment for industry, batteries, etc	3432, 3433, 3434, 3435
48 Telecommunication etc equipment, electronic capital goods	3441, 3442, 3443
49 Electronic components and sub-assemblies	3444, 3453
50 Electronic consumer goods, records and tapes	3452, 3454
51 Domestic electric appliances	3460
52 Electric lighting equipment, etc	3470, 3480
53 Motor vehicles and parts	3510, 3521, 3522, 3523, 3530
54 Shipbuilding and repairing	3610
55 Aerospace equipment manufacturing and repairing	3640
56 Other vehicles	3620, 3633, 3634, 3650
57 Instrument engineering	3710, 3720, 3731, 3732, 3733, 3740
58 Oils and fats	4115, 4116
59 Slaughtering and meat processing	4121, 4122, 4123, 4126
60 Milk and milk products	4130
61 Fruit, vegetables and fish processing	4147, 4150
62 Grain milling and starch	4160, 4180
63 Bread, biscuits and flour confectionery	4196, 4197
64 Sugar	4200
65 Confectionery	4213, 4214
66 Animal feeding stuffs	4221, 4222
67 Miscellaneous foods	4239
68 Alcoholic drink	4240, 4261, 4270
69 Soft drinks	4283
70 Tobacco	4290
71 Woollen and worsted	4310
72 Cotton etc spinning and weaving	4321, 4322, 4336, 4340
73 Hosiery and other knitted goods	4363, 4364
74 Textile finishing	4370
75 Carpets and other textile floorcoverings	4384, 4385
76 Jute etc yarns and fabrics, and miscellaneous textiles	4350, 4395, 4396, 4398, 4399
77 Leather and leather goods	4410, 4420
78 Footwear	4510
79 Clothing and furs	4531, 4532, 4533, 4534, 4535, 4536, 4537, 4538, 4539, 4560
80 Household and other made-up textiles	4555, 4556, 4557
81 Timber processing and wood products (not furniture)	4610, 4620, 4630, 4640, 4650, 4663, 4664
82 Wooden furniture, shop and office fittings	4671, 4672
83 Pulp, paper and board	4710
84 Paper and board products	4721, 4722, 4723, 4724, 4725, 4728
85 Printing and publishing	4751, 4752, 4753, 4754
86 Rubber products	4811, 4812, 4820
87 Processing of plastics	4831, 4832, 4833, 4834, 4835, 4836
88 Jewellery and coins	4910
89 Sports goods and toys	4941, 4942
90 Other goods	4920, 4930, 4954, 4959
91 Construction	5000, 5010, 5020, 5030, 5040
92 Wholesale distribution	6110, 6120, 6130, 6149, 6150, 6160, 6170, 6180, 6190, 6210, 6220, 6300
93 Retail distribution and repairs of consumer goods	6410, 6420, 6430, 6450, 6460, 6470, 6480, 6530, 6540, 6560, 6720, 6730
94 Distribution & repair of vehicles, and filling stations	6148, 6510, 6520, 6710,
95 Hotels, catering, public houses, etc	6611, 6612, 6620, 6630, 6640, 6650, 6670
96 Railways	7100
97 Road and other inland transport	7210, 7220, 7230, 7260
98 Sea transport	7400
99 Air Transport	7500
100 Transport services	7610, 7630, 7640, 7700
101 Postal services	7901
102 Telecommunications	7902
103 Banking and finance	8140, 8150
104 Insurance	8200
105 Auxiliary financial services	8310, 8320
106 Estate agents	8340
107 Legal services	8350
108 Accountancy services	8360
109 Other professional services	8370
110 Advertising	8380
111 Computing services	8394
112 Other business services	8395, 8396
113 Renting of movables	8410, 8420, 8430, 8460, 8480, 8490
114 Owning and dealing in real estate	8500
115 Public administration	9111, 9112, 9120, 9130, 9140, 9150, 9190
116 Sanitary services	9211, 9212, 9230
117 Education	9310, 9320, 9330, 9360
118 Research and development	9400
119 Health services	9510, 9520, 9530, 9540, 9550, 9560
120 Recreational and welfare services	9611, 9631, 9660, 9690, 9711, 9741, 9760, 9770, 9791
121 Personal services	9811, 9812, 9820, 9990
122 Domestic services	9900
123 Ownership of dwellings	No Activity Heading given

HANDLING REVISIONS IN THE NATIONAL ACCOUNTS

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The purpose of this article is to describe the way in which revisions are incorporated in the national accounts. The CSO aims to provide accounts that are timely, reliable and internally consistent. These desirable objectives can however conflict with one another. Estimates made at an early stage may have to be based on less information than will be available later. Similarly there can be a conflict between the need to take on quickly revisions to component series and the desire for internally consistent, or coherent, accounts. For these reasons it is important to have a clear policy on how revisions are to be handled. The procedures which the CSO follows are set out in a box at the end of this article. The article describes the way in which those procedures derive from the methodology and sources of information used to compile the accounts. The compilation process and the handling of revisions to the accounts have to be seen in conjunction with each other.

Integrated structure of the national accounts

An accompanying article in this issue of *Economic Trends* presents the results of an input-output analyses of the UK economy for 1990. A similar analysis in respect of 1989 was published in the September 1992 issue of *Economic Trends*. These analyses are central to the compilation of UK national accounts.

As the national accounts seek to present a picture of the economy they are inevitably very complicated when their detail is exhibited. The full system of accounts embraces not just the production process revealed in the input-output analysis, with estimates for example of gross domestic product (gdp), but also the sector accounts showing for example the income, expenditure saving and financial transactions and balance sheet of each sector, and the balance of payments. The sector accounts are described more fully in an article in the September 1993 issue of *Economic Trends*.

The framework of the national accounts has been developed internationally. It is a highly articulated system in which each element, such as gross output, in principle at least, is related to other elements such as incomes. Thus, assuming the existing estimates in the accounts are fully consistent, a change in one element implies a change elsewhere. For example, a change in gross output would probably imply a change to value added in the appropriate industry and to incomes. Does the extra output imply a change to the estimates of consumption, fixed investment, exports, stock building or to intermediate demand, and so on? In the sector accounts what are the implications for the estimate of savings via the changes to the estimates of income and expenditure?

The articulated nature of the accounts reflects essentially two features of economic activity. One is the nature of economic transactions as exchanges between parties; the second is the logical necessity that (suitably defined) inflows and outflows must be equal. This latter point applies not only to the estimates of production of goods and services, such as cars or hairdressing, and to the estimates of income and expenditure, but also to the financial accounts which

reflect the changes in lending and in borrowing in each sector including for example deposits in bank accounts, cash in hand etc.

In practice, particularly for the early estimates, only partial data may be available; also series from different sources may be inconsistent eg in relation to the income and expenditure components of gdp. There is thus a difficult task in deriving the best estimates on the basis of all the data available, incomplete as it may be. Moreover after the stage has been reached when it is judged worthwhile to produce full and internally consistent accounts, without discrepancies at different points, the re-appraisal involved in taking into account a revision to a particular component series can be fairly extensive. There can therefore be a direct conflict between, on the one hand, accommodating revisions as soon as the need for them becomes apparent and, on the other, providing users with accounts that are fully consistent, for example in which production and incomes are consistently estimated. This conflict has led many countries' statistical offices to adopt very restrictive rules regarding revisions to their national accounts. Traditionally the Central Statistical Office has been, and remains, one of the national statistical institutes in major countries of the world tending to accommodate revisions more readily.

Rewards to source data

The balance which is struck between coherence and the need to take on revisions must of course depend on the way in which revisions are likely to arise, not least on the timing of the likely sources of revision. National accounts for the United Kingdom are built up from numerous sources of information. Some provide information monthly, such as statistics on monthly sales in the manufacturing sector and on retail sales; others are quarterly such as the inquiries on capital expenditure, the labour force survey, group profits, overseas profits etc; many other sources of information are annual such as the Census of Production, Inland Revenue's estimates of company profits etc. An article in the Autumn 1992 issue of the *Statistical News* gave details of the nearly 40,000 series received by the CSO from other government departments and the Bank of England for use in the national accounts. There is also a major input of data collected by the CSO directly from businesses, including information on prices which is needed to make constant price estimates.

A big effort has been made, particularly through the Chancellor's Initiatives, reported in the February 1991 and February 1992 issues of *Economic Trends*, to shift the balance of our reporting arrangements to reliable monthly or quarterly estimates. Better based early estimates are helping considerably to reduce the need for large revisions. However the extent to which this approach can be pursued must take account of the fact that companies do not always have available, when the first quarterly estimates are made, some of the more detailed information which is needed, eg on details of inputs to production etc. Again a balance has to be struck, in this case between the needs for early information and the costs to businesses and others of supplying it. It is unrealistic therefore to think that it will be

possible to move away entirely from dependence on annual inquiries whose results become available some time after the periods to which they relate. Accordingly there will continue to be a need to take into account major results which are available only for annual rather than quarterly periods, and which may be somewhat out-of-date even when they become available.

Annual re-assessments

The major annual statistical inquiries affecting the estimates of gross domestic product and its components and also the current account of the balance of payments have typically yielded results by the middle of the second year after the year to which they relate. For example, the latest estimates incorporate results from inquiries in respect of 1991. Thus the main, though not all, sources of revisions to figures for 1991 have now been incorporated. The further revisions to major series, including revisions which become necessary in the light of later returns, are likely to become available during the first part of 1994 - as will data derived from administrative sources (eg company profits). A first element of the CSO's approach to handling revisions is therefore to expect to be able to leave estimates for periods up to a certain year (at present up to and including 1991) free from revisions between successive years' Blue and Pink Books. (The Blue and Pink Book results are at present released in August of each year and contain detailed annual estimates.)

When the Blue Book and Pink Book figures are being compiled, in the "annual round", it is likely that revisions will be necessary for several recent years. Thus in any year the estimates for the preceding four calendar years are regarded in the annual round as being subject to revision. This meant for example that estimates for years 1989 to 1992 were subject to detailed reassessment for the 1993 publications. Some revisions were also made to statistics for earlier years (in addition to changes implied by the rebasing and reclassification which occurred this year, as described in articles in the February 1993 issue). These series were however the exception. Most of such revisions resulted in fact from methodological changes which are usually brought in at this stage of the year, such as the change to the treatment of current grants to private educational establishments in the 1993 Blue Book.

The period for which the accounts are automatically re-assessed in the annual rounds is rather longer than that implied by the availability of most major sources of information. It has been determined in part because the estimates for the earliest of the years, on this occasion 1989, are the estimates which are used to determine the United Kingdom's contribution to the budget of the European Community. It is thus particularly important that these estimates should benefit from a final reassessment.

The process of settling the gdp estimates for the initial years under review involves preparation of an input-output table for those years. For example, in this year's work such an analysis has been prepared for the first time for 1990. The analysis for 1989 was also reviewed, and revised as necessary. The input-output approach provides a very suitable framework for bringing together all the available information on outputs, inputs, income and expenditure, and for deriving a consistent set of estimates. It then yields directly an estimate of total value added, ie gross domestic product, with analyses into income and expenditure components.

Use of an input-output approach requires a great deal of information - and a good deal of time to implement effectively. A lot of the necessary information becomes available only from the annual surveys referred to. Indeed some of the information that is necessary

has not been available as frequently as annually. For these reasons a more up-to-date analysis than the 1990 analysis has not so far been possible. However it is planned next year to advance the analysis by one year - thus producing input-output tables next year for 1991 and 1992.

The estimates for later periods included in the Blue and Pink Books of course incorporate revisions consequential on the changes to estimates for the initial years under review. The changes to the estimates involved in the input-output analysis are also taken through to sector income and expenditure, capital accounts and the financial surplus or deficit. There are of course many other sources of information which feed into these accounts. Comparable with the reconciliation of components of gross domestic product through an input-output analysis is the preparation of top-to-bottom sector and sub sector accounts to identify major discrepancies in the estimates relating to each sector. This, like the input-output analysis, is a process which cannot realistically be re-opened in respect of long run series unless there are very strong reasons for doing so.

Quarterly up-dates

Once the accounts for the latest 4 years have been reassessed (and, if necessary, revisions have also been made to earlier figures), the estimates published in the Blue and Pink Books - and the corresponding quarterly breakdowns - are retained until the next year's editions. Revisions in the "quarterly rounds" during the intervening year are likely to be made only in respect of the quarters of the last of those years and the subsequent quarters. Thus, estimates released in August 1993 for years and quarters up to the end of 1991 are expected to remain unchanged until next year's Blue and Pink Books, when in all likelihood there will be revisions back to 1990. Accordingly, in the forthcoming quarterly round the periods for which revisions can be expected are the quarters from the first quarter of 1992. In all cases, however, revisions will be made outside these periods (and indeed have been made recently) if they are considered significant, either in respect of the aggregates or the component series, to the interpretation of the statistics. As mentioned earlier, longer run revisions may result from methodological developments which have implications for earlier years' estimates.

The quarterly process of up-dating the national accounts is in turn based on a monthly cycle affecting particularly gdp estimates. This cycle is linked notably to the production of the monthly estimates of production and retail sales, and to the release of statistics of foreign trade. (The supply of foreign trade has however been disrupted this year with the development of the Single Market in the European Community and the introduction of Intrastat, the new system to provide statistics on trade with other EC countries). During each quarter national accounts statistics for the preceding quarter are published as follows in the weeks after the end of the quarter:

after 3 weeks: a preliminary estimate of the growth in gdp from the previous quarter;

7-8 weeks: expenditure, output and income breakdown of gdp;

11-12 weeks: full national accounts, including balance of payments, personal sector and industrial and commercial company sector accounts

More details of the arrangements for release of data are given in an article in the May 1993 issue of *Economic Trends*.

Generally, unless there are particular reasons for a different approach, the earlier quarters' estimates are not revised until the third of these releases is made. At this stage it is possible to provide a complete set of accounts for the quarter and to take account of revisions to the component items for earlier quarters. Typically, where quarterly series are involved, the major revisions will occur when the next quarter's result is added. The estimates for the last few quarters (back to the beginning of the last year covered by the latest Blue and Pink Books, as explained above) are therefore reassessed in each quarterly round, taking account of revisions to source data for the immediately preceding quarter and indeed for the corresponding and other quarters of the preceding year. Seasonal adjustment is of course one factor which can give rise to revisions to recent quarterly estimates.

Performance targets

As an Executive Agency the CSO has a set of performance targets. Those for 1992-3 and 1993-4 are set out in CSO's Annual Report and Accounts, 1992-93. Many of the targets relate to the scale of revisions to national accounts aggregates. It would of course be possible to meet the revisions targets, at least for a while, simply by suppressing revisions. The specification of the targets and the approach adopted to handling revisions - as described above - have been designed to avoid distortions to the assessment of the CSO's performance. For example, some of the targets relate to revisions to quarter to quarter changes. Revisions to recent quarterly figures are, as described above, taken automatically into the accounts prepared each quarter. Similarly, targets relating to longer term revisions relate to periods covered by the reassessments made annually.

Summary

The CSO aims to provide timely, reliable and coherent national accounts. These features can however be in conflict. A balance has to be struck between the need to take account of revisions to component series and the need for coherent accounts. The box below shows how revisions are handled. In the UK accounts there has traditionally been a tendency to take in revisions more readily than in many other countries' accounts, and this remains so.

1. Each year when the Blue and Pink Book figures are being prepared in the "annual round" the estimates for the last 4 complete years (including of course the quarterly series) will be reassessed.
2. After each year's Blue and Pink Books are published, with the associated quarterly series, the data for the quarters of the last year which is covered (at present 1992) and later quarters will be subject to reassessment in each "quarterly round". (Similarly monthly data for those years will be liable to revision).
3. The accounts for periods earlier than those referred to are not usually re-opened in the relevant round. However if information on a component series has been revised, possibly because of a change in methodology, in a way that is likely to have a significant impact on the picture which is presented then the change will be incorporated, as changes were in this year's annual round.

We will be glad to hear users' views about these procedures and any other aspects of the national accounts.

Recent CSO National Accounts Publications and Articles

1. The CSO Blue Book, 1993 Edition, United Kingdom National Accounts.
2. The Pink Book 1993, United Kingdom Balance of Payments.
3. *UK Economic Accounts, the second quarter 1993. A quarterly supplement to Economic Trends.*
4. Input-Output Balance for the United Kingdom 1990, *Economic Trends*, October 1993.
5. The UK Sector Accounts, *Economic Trends*, September 1993.
6. CSO's success in meeting national accounts targets in 1992-93, *Economic Trends*, June 1993.
7. Testing for bias in initial estimates of key economic indicators, *Economic Trends*, May 1993.
8. Measuring the contribution of financial institutions to gross domestic product, *Economic Trends*, May 1993.
9. New arrangements for release of CSO data, *Economic Trends*, May 1993.
10. Testing for bias in initial estimates of the components of gross domestic product, *Economic Trends*, February 1993.
11. Rebasing the National Accounts: the reasons and likely effects, *Economic Trends*, February 1993.
12. Transition to the new Standard Industrial Classification, *Economic Trends*, February 1993.
13. Improving macro-economic statistics, *Economic Trends*, January 1993.
14. The treatment of council tax in the national accounts, *Economic Trends*, January 1993.

THE 1993 SHARE REGISTER SURVEY

by Elizabeth Hofmann and Sharon Lambert, CSO

Introduction

Surveys of patterns of shareholding in UK companies have been carried out at intervals since the late 1950s. The 1989 Pickford Report¹ on economic statistics recommended that surveys should be carried out more frequently in order to improve the national accounts, and surveys have been carried out annually since 31 December 1989. Their aim is to find out how the value of holdings of listed ordinary shares was distributed between categories of beneficial owner. Surveys are used to supplement other sources of information on company securities in preparing the financial balance sheets and financial transaction accounts in the CSO's annual *Blue Book*², and in the Balance of Payments *Pink Book*.

The 1993 survey was a large scale survey covering a sample of holdings of ordinary shares as at 31 December 1992 in 191 UK registered companies listed on the London Stock Exchange. A similar large scale survey was carried out using a sample of holdings in 222 companies in respect of shareholdings at the end of 1989³. Two smaller surveys based on a sub-sample of these companies were carried out in respect of 31 December 1990 and 1991. The 1993 survey was carried out by Gavin Anderson & Company on behalf of the Central Statistical Office, and their detailed report of this survey is to be published by HMSO⁴. The Central Statistical Office and Gavin Anderson & Company would like to thank all companies and the companies' registrars who took part in the survey.

Sampling Procedure

As in previous surveys, the sample of shareholdings was selected in two stages. The procedure is described in detail in Annex A.

Nominees

The major task was to identify the beneficial owners of shares held through nominee accounts. At least 35 per cent of all ordinary shares are held through nominee accounts mainly for the sake of convenience, although investors such as unit trusts are legally required to use a nominee.

Surveys since 1989 have identified the beneficial owners by a process whereby the nominees' names in the sample were, first, run against an existing database (in 1993 this was Gavin Anderson & Company's ShareTrak). Information on nominees which remained unidentified was then sought from the companies on whose register they had appeared, (under Section 212 of the Companies Act). Finally, information was sought from the nominee companies themselves, if previous investigations had proved unsuccessful. Where companies were unable or unwilling to identify the beneficial owners they were asked to identify the National Accounts sector to which the owners belonged.

Data collected

All holdings were classified according to the industrial sector of the issuing company. Shareholdings belonging to UK residents, including those in the Channel Islands and the Isle of Man, were classified by National Accounts sector, such as Local Authorities and Pension

Funds (see tables). Overseas holdings were classified to the country of residence of the immediate overseas holder, (where possible). In some cases judgement was needed to identify the correct sectors of the beneficial holders.

Fieldwork

The fieldwork for the survey was undertaken between February and July 1993. Every effort was made to ensure that the sample registers reflected the position as at 31 December 1992. In all but a few instances, the registrars were able to produce all the registers for a single date. However, where this was not possible, the register was taken on a date as soon after 31 December 1992 as possible.

Sector Results (Figure 1)

The major beneficial owners of UK shares were **pension funds**, which held 33.0 per cent of the total value of shares with a market value of £205 billion. Other major groups of institutional shareholders were **insurance companies** with 15.7 per cent (£98 billion); **unit trusts** with 5.9 per cent (£36 billion); and **investment trusts** with 2.0 per cent (£12 billion). Together these institutional shareholders accounted for 56.6 per cent of the market (£351 billion). UK resident **individuals** owned an estimated 20.3 per cent of the UK share market. **Overseas** residents owned 12.1 per cent of UK listed shares.

Comparisons over time (TABLE 1)

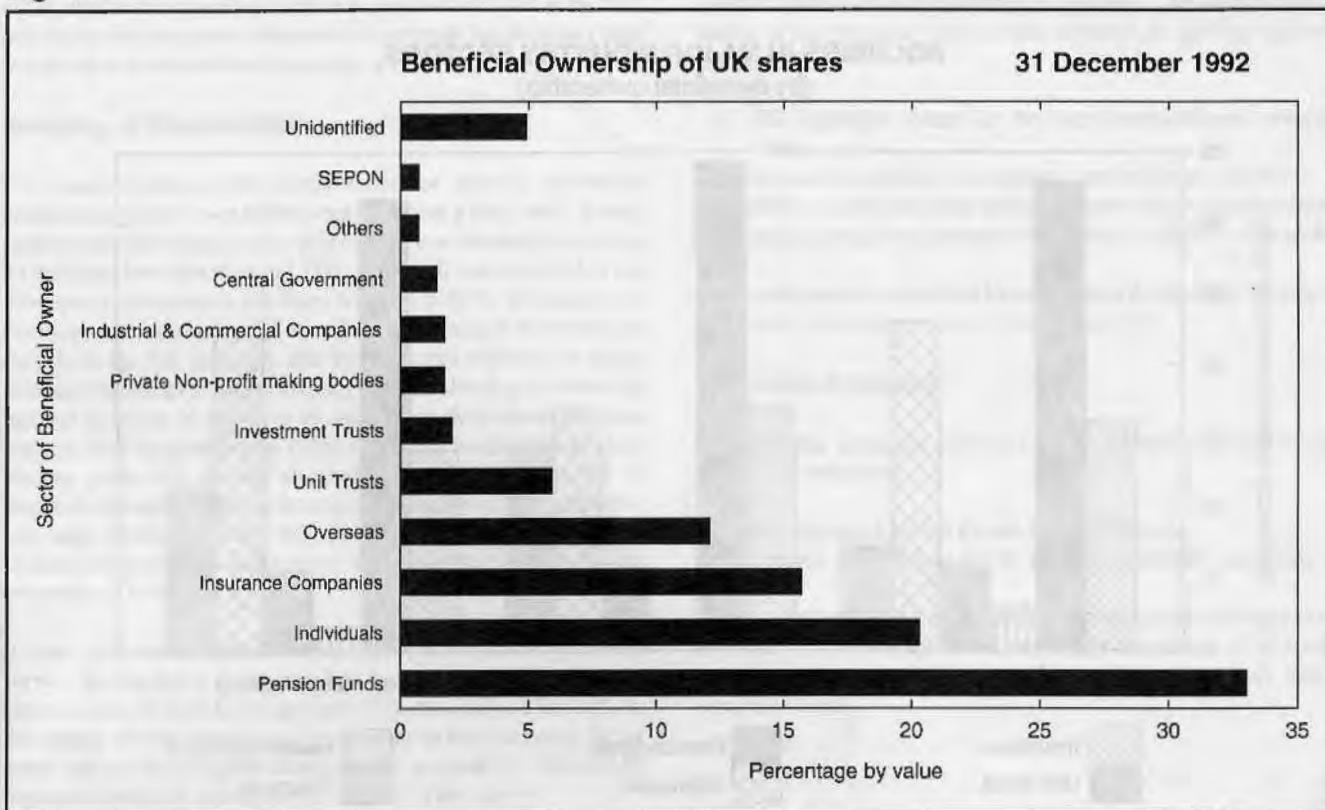
In TABLE 1, the shares held by SEPON, the Stock Exchange's nominee account for shares 'in transit' during a transaction, and by remaining unidentified nominees (4.9% by value) have been allocated across various beneficiary sectors. Unidentified nominee holdings are spread pro rata to identified holdings across all sectors, whereas SEPON has been included with Other financial institutions.

Over a long period there has been a continual decline in the proportion of shares owned directly by **individuals**. However, this year's survey found a slight increase from the 1989 level, 20.6 per cent to 21.3 per cent, although this change is within the margin of error of the surveys' results. The privatisation issues of the 1980s and early 1990s have increased the number of individuals owning shares but served only to slow the decline in the proportion of shares held. However, individuals will of course have indirect interests in UK ordinary shares through their stake in collective investment vehicles such as unit trusts, insurance companies and pension funds.

From the 1993 Survey, shares held for the benefit of Managed Pension Funds have been reclassified from the Insurance company sector to the Pension funds sector. These funds are operated under a special form of unit-linked insured policy and in earlier surveys the investments would have been allocated to the insurance company managing the fund. In the present survey they have been allocated to Pension Funds. It is estimated that this change in allocation was of the order of £5 billion in 1993.

The combined figure for holdings of **insurance companies** and **pension funds** increased by 2.2%, over the period 1989 to 1992. After accelerating rapidly during the 1970s and 1980s, the growth in funds has slowed down.

Figure 1



Holdings of **central government** amount to 1.4 per cent of the market. These holdings largely represent residual holdings in privatised companies.

The **overseas sector** has maintained a relatively high proportion of share holdings after the sharp rise up to 1989. 12.8 per cent was held by overseas investors compared with only 3.6 per cent in 1981.

Results in Detail

When looking at the results more closely we used those figures

where shareholdings in SEPON and unidentified have not been allocated pro rata across all other sectors.

Almost two-thirds of the value of shares owned by individuals were in holdings of less than £100,000 value, and over one-quarter of them were in holdings of less than £5,000 value (TABLE 2). This confirms the common experience of companies that individual holders have a very large number of relatively small, often very small, holdings. This contrasts very sharply against other sectors where a high percentage of shares are in large holdings (Figure 2).

Figure 2

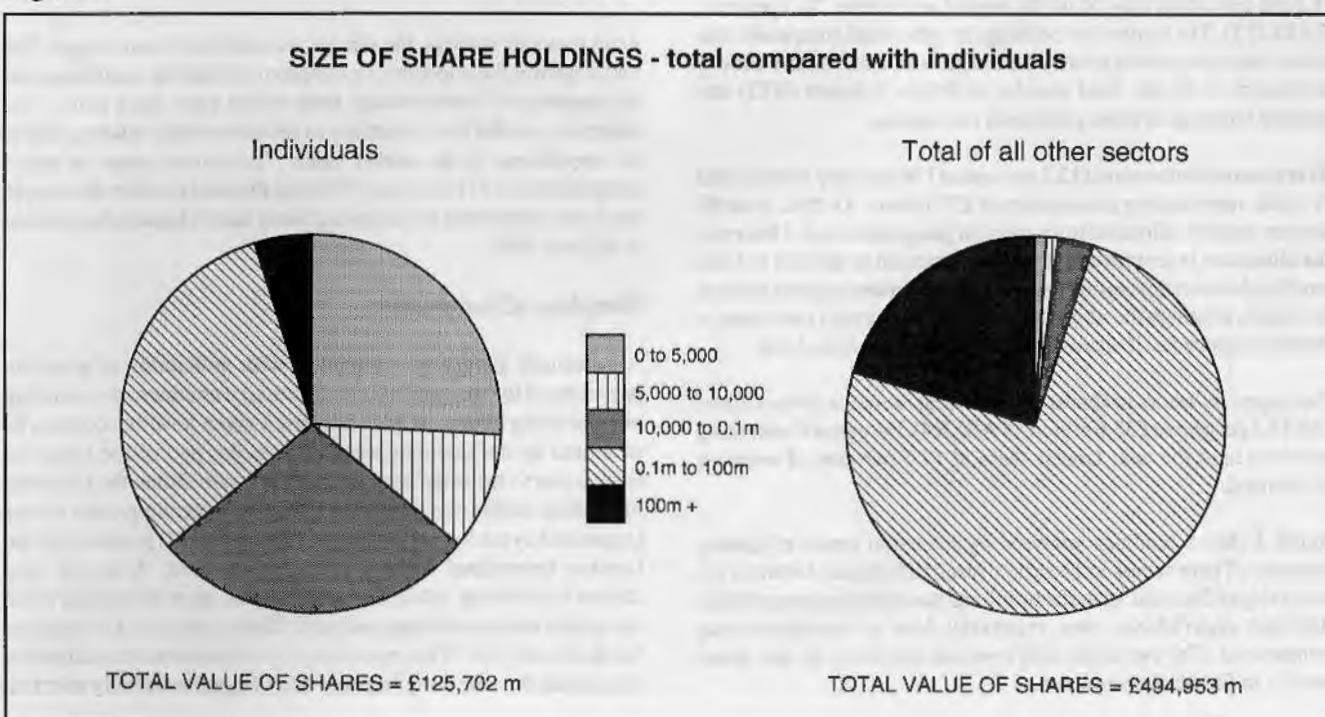
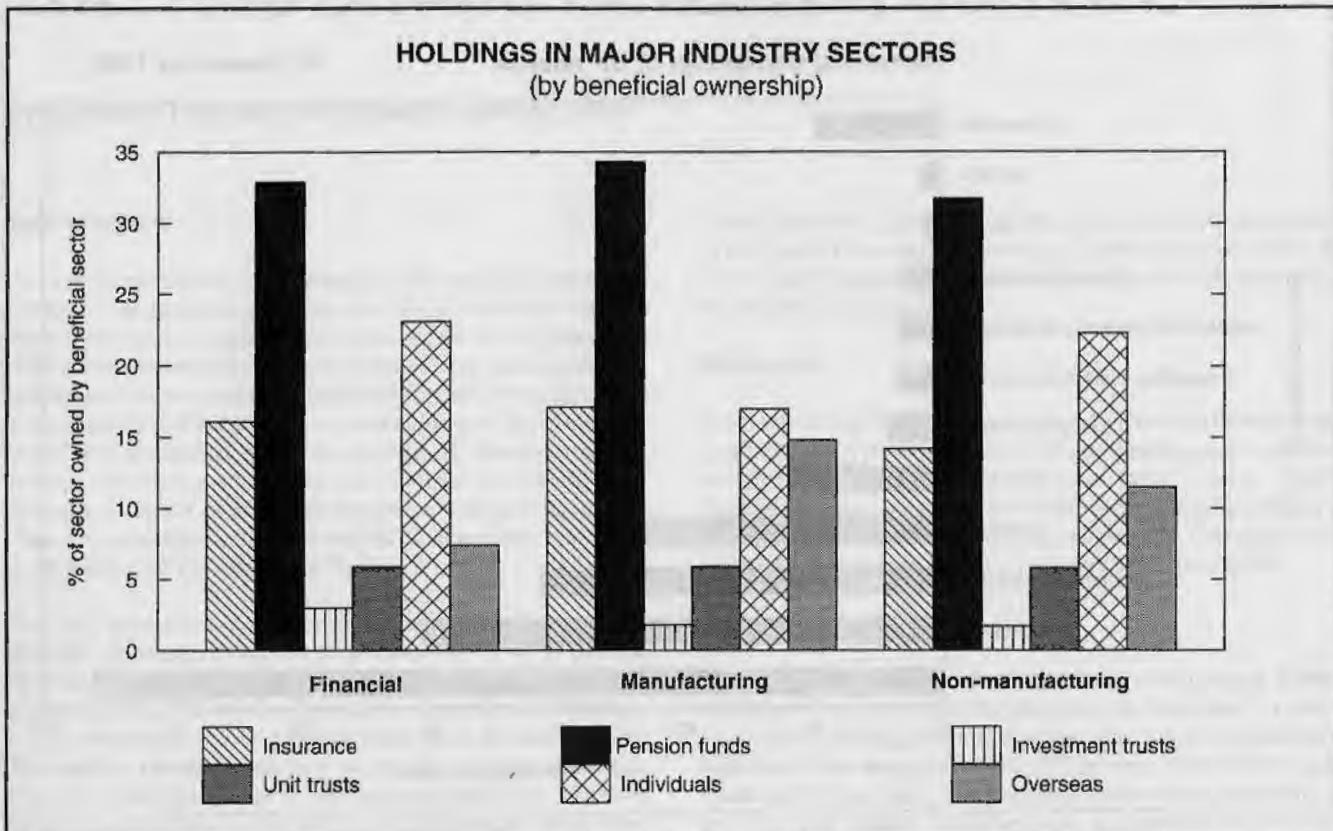


Figure 3



It should be noted that the identified size of holding is not an indication of the size of holdings of individual beneficial owners as some nominee holding can be allocated to a sector i.e. to pension funds or overseas but not individual holders within the sector (i.e. individual overseas investors). For this reason the table may exaggerate the importance of large holdings for the overseas and financial institutions sector. However, the contrast with UK individuals remains.

Individuals hold proportionately more shares in privatised companies, 24.5 per cent, than they do of the market as a whole, 20.3 per cent, (TABLE 3). The figures for holdings in privatised companies also show a large proportion held by central government, which is mostly accounted for by the final tranche of British Telecom (BT3) and residual holdings in other privatised companies.

Overseas residents owned 12.1 per cent of UK ordinary listed shares by value, representing investments of £75 billion. Of this, some 80 per cent could be allocated to a particular geographic area. However, this allocation is tentative as it was not practical to attempt to trace beneficial ownership beyond the immediate overseas resident holding the shares, although the ultimate beneficial owner may have been in another country i.e. if shares were held by an overseas bank.

The largest investors in shares held overseas were the United States with 47.3 per cent or £35.6 billion, (TABLE4). European Community countries held the next largest share at 17.5 per cent of overseas investment.

Figure 3 shows holdings analysed by industrial sector of issuing company. There seems to be little overall differences between the ownership of financial, manufacturing and non-manufacturing shares, although individuals own relatively less of manufacturing companies, (17.0 per cent), and overseas residents do not invest heavily in financial companies.

ANNEX A

Sampling methodology for companies and shareholdings

In total, registers from 191 companies were sampled, representing approximately 79 per cent of the capitalisation of UK companies' ordinary shares listed on the London Stock Exchange. A total of 100,191 holdings were sampled, more than ever before in this series of surveys, and the sample alone accounted for 61 per cent by value of UK listed shares.

As in previous surveys, the sample was selected in two stages. The first stage was the selection of a sample of companies, and the second the sampling of shareholdings from within each share issue. The objective was that the probability of selection of any holding should be proportional to its market value. The survey aimed to select companies as at 31 December 1992, but the need to select the sample in advance meant that the sampling frame used related to the position at 30 June 1992.

Sampling of companies

A systematic sample of companies with probability of selection proportional to size (market capitalisation) was drawn, the sampling interval being chosen so as to achieve a given level of accuracy as measured by the sampling error. (The major part of the sampling error is due to the sampling of companies, rather than the sampling of holdings within companies). A listing in descending order of size (measured by market capitalisation as at June 1992) produced by the London International Stock Exchange was used. A sample was chosen by selecting points an equal distance apart and taking those companies within which the points fell. This resulted in 200 companies being selected - the 75 largest companies whose market capitalisation was greater than the sampling interval, being automatically selected,

and a further 125 smaller companies being selected also. In the event, nine of these smaller companies were not included in the final results, as their registrars were unable to provide the necessary data in a suitable format before the survey was completed.

Sampling of Shareholdings

For some registers, particularly those for recently privatised companies, where it was known that there was a long "tail" of very small personal holdings, a truncated register was obtained, excluding all holdings less than about £1,000 in value. It was assumed in the subsequent calculations the latter were all held by individuals. A similar procedure was then followed for the sampling of shareholdings from both the full registers, and the truncated registers. A target number of holdings for each company was calculated, and a sampling interval in terms of numbers of shares was determined for each register, in order to select the target number of holdings. A random starting point was chosen, and holdings were then selected by stepping through the register from this starting point. This meant that any large holdings greater than the sampling interval would be chosen automatically, while others had a probability of inclusion proportional to their size.

It was intended to include about 100,000 shareholdings in the survey. In practice it is not possible to determine in advance, the exact number of share holdings that will be selected, as it depends on the degree of concentration of ownership in the company. In the event 100,191 holdings (amounting to 61 per cent by value of UK registered ordinary shares) were included in the survey.

Whole company estimates

The grossing up of the sample was done in two stages. First the sample of holdings within each company was grossed up to produce a distribution for the whole company. Then these values were used to produce estimates for the whole population.

Within each company, holdings greater than the sampling interval were covered completely, while smaller holdings were sampled with probability proportional to size. For these smaller holdings the

best estimate of whole company distribution is proportional to the sample distribution of the number of holdings. The distribution of shares in the complete register was obtained by adding together estimates for:

- a. The aggregate values for the large shareholdings (covered fully).
- b. Grossed up estimates for smaller shareholdings (sampled).
- c. (Where applicable) the smallest shareholdings omitted from truncated registers, assumed to be entirely owned by individuals.

The market values are derived by multiplying the numbers of shares in issue by the share price at 31 December 1992.

Population Estimates

Similarly the company estimates are combined to produce the population estimates:

- a. The aggregate values for the large companies
- b. Grossed up estimates for the smaller (sampled) companies

For the smaller companies, the appropriate grossing technique is to apply the simple average of the percentage breakdown of all small companies in the sample to the total market value of all small company shares.

REFERENCES

- 1 *Government Economic Statistics* - a scrutiny report by Stephen Pickford and others, HMSO 1989.
- 2 *United Kingdom National Accounts (The CSO Blue Book)*.
- 3 Share Register Survey report end 1989, (HMSO).
- 4 *Share Register Survey, 1993*, (HMSO) (forthcoming).

TABLE 1
Beneficial ownership, 1963-1992

BENEFICIAL OWNER	% of total equity owned, 31 December							
	1963	1969	1975	1981	1989	1990	1991	1992
GOVERNMENT	1.5	2.6	3.6	3.0	2.0	2.0	1.3	1.5
BANKS	1.3	1.7	0.7	0.3	0.7	0.7	0.2	0.5
PENSION FUNDS	6.4	9.0	16.8	26.7	30.5	31.4	31.1	34.7
INSURANCE COMPANIES	10.0	12.2	15.9	20.5	18.5	20.4	20.7	16.5
UNIT TRUSTS	1.3	2.9	4.1	3.6	5.9	6.1	5.7	6.2
OTHER FINANCIAL INSTITUTIONS ³	11.3	10.1	10.5	6.8	3.1	2.7	2.8	3.0
INDUSTRIAL & COMMERCIAL COMPANIES	5.1	5.4	3.0	5.1	3.8	2.8	3.3	1.7
INDIVIDUALS	54.0	47.4	37.5	28.2	20.6	20.3	19.8	21.3
OTHER PERSONAL SECTOR	2.1	2.1	2.3	2.2	2.3	1.8	2.4	1.8
OVERSEAS	7.0	0.6	5.6	3.6	12.7	11.8	12.8	12.8
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1. The apparent trends in these series are affected, particularly for the earlier data, by sampling errors and varying degrees of success in the identification of nominee holdings.
2. Unidentified nominees have been allocated proportionally across all beneficial sectors.
3. Includes SEPON, 0.5 per cent in 1989, 0.6 per cent in 1990 and 1991, 0.7 per cent in 1992

TABLE 2
Total market value by size of holding and sector of beneficial owner

Sector of beneficial ownership	Size of holding (£ million)								Total for all holdings
	£0 + to £5,000	£5,000+ to £10,000	£10,000+ to £0.1m	£0.1m+ to £1m	£1m+ to £10m	£10m+ to £50m	£50m+ to £100m	£100m+	
Individuals	32,484	12,693	34,771	13,937	15,059	8,063	2,588	6,107	125,702
Unincorporated businesses	0	0	0	3	0	0	0	0	3
Private non-profit making bodies	19	47	604	1,974	2,917	1,254	295	3,571	10,681
Central government	0	0	39	91	267	165	89	8,038	8,689
Local authorities	0	2	16	141	237	0	0	0	396
Public corporations	0	2	21	10	0	0	0	0	32
Banks	0	0	15	130	236	243	207	1,825	2,657
Building societies	0	0	0	0	0	0	0	0	0
Insurance companies	19	50	453	5,539	27,932	36,349	11,078	16,120	97,541
Pension funds	7	38	2,014	24,866	75,564	58,149	20,739	23,276	204,651
Investment trusts	7	0	67	1,609	7,338	3,126	115	16	12,277
Unit trusts	4	19	481	8,369	19,213	6,022	1,641	603	36,354
Securities dealers	2	0	41	131	299	317	39	0	829
Other financial institutions	6	0	115	317	185	0	0	0	623
Industrial and commercial companies	48	73	715	753	1,203	1,051	1,417	4,988	10,247
Overseas	156	280	1,457	6,581	18,184	13,435	5,220	30,090	75,403
SEPON	0	0	3	182	574	1,289	1,006	1,225	4,279
Unidentified	356	562	3,564	4,199	6,282	4,019	933	10,377	30,291
Total for all sectors	33,109	13,767	44,377	68,833	175,489	133,480	45,365	106,235	620,655

Note: The total market value shown of £620,655 million differs from that estimated by the Stock Exchange of £617,291 million due to technical differences in the calculation of ordinary shares for certain companies and to timing differences for shares in issue on those registers received

TABLE 3

Beneficial owners of all compared to privatised companies

Per cent	All companies	Privatised
Central Government	1.4	9.2
Pension Funds	33.0	27.6
Insurance	15.7	12.4
Unit Trusts	5.9	4.5
Investment Trusts	2.0	1.4
Individuals	20.3	24.5
Overseas	12.1	8.3
Others	9.6	12.1
Total	100.0	100.0

TABLE 4

Total market value of overseas holdings by value and area

AREA	SIZE OF HOLDING (PERCENTAGE)								TOTAL
	£0 + to £5 000	£5 000 + to £10 000	£10 000 + to £0.1m	£0.1m to £1m	£1m + to £10m	£10m to £50m	£50m to £100m	£100m +	
European Community	0.1	0.2	0.8	2.4	4.8	1.9	1.1	6.1	17.5
Other European	0.0	0.0	0.1	0.3	0.4	0.0	0.0	0.0	0.9
USA	0.0	0.0	0.4	2.9	7.8	4.2	1.2	30.6	47.3
Japan	0.0	0.0	0.0	0.5	1.5	0.3	0.3	0.0	2.7
OPEC	0.0	0.0	0.0	0.2	1.5	2.6	1.3	0.7	6.4
Offshore Financial centres ¹	0.0	0.0	0.0	0.3	1.5	0.8	0.0	0.0	2.7
Other	0.1	0.1	0.3	0.8	1.2	0.3	0.1	0.0	2.9
Unidentified Location	0.0	0.0	0.2	1.2	5.4	7.7	2.9	2.5	19.7
Total Overseas	0.2	0.4	1.9	8.7	24.1	17.8	6.9	39.9	100.0

Note: USA holdings include American Depository Receipts.

1. Countries included are:- Bahrain, Bermuda, British Virgin Islands and Montserrat, Cayman Islands, Hong Kong, Lebanon, Liberia, Netherlands Antilles, Panama, Philippines and Singapore.