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HER MAJESTY'S TREASURY
SHORT TERM ECONOMIC POLICY GROUP

ECONOMIC PROSPECTS

I attach the report on the June Economic Forecast. It is for discussion at the meeting of the Group on Wednesday 21 July 1982 at 3.00 pm.

I should be grateful if recipients of the report would note that it is for their personal use only.

C J MOWL.

H M Treasury

REPORT ON THE JUNE 1982 ECONOMIC FORECAST

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Introduction and summary

This forecast updates the budget assessment on broadly the same policy assumptions.

- 2. The world economy is now expected to recover more gradually; in the US output in the first quarter was 2 per cent below a year earlier, but preliminary indications are of a slight rise in the second quarter. Inflation has moved down another notch. Continued concern about inflation is leading most industrialised countries to try to maintain stringent policies. Low commodity prices, and in some cases high interest payments on overseas debts, are limiting producers' purchasing power. These factors suggest that the prospect for world activity and trade is for no more than a modest recovery by past standards.
- 3. Developments overseas have contributed both to the fall in inflation and to the hesitation in the UK recovery so far this year.
- 4. The main message of this forecast, as in most forecasts over the last year and more, is that the UK economy is likely to see further reductions in inflation for a time and a modest recovery in output. The chances of a major fall in unemployment are poor.
- 5. This was also the main message of the budget forecast. The principal difference between the two forecasts is that the most widely used measure of inflation, the Retail Prices Index, is likely to show a smaller rise this year than expected at budget time. But our view of 1983 inflation is little changed.
- 6. We think that the lower level of public expenditure in 1981-82 will continue to some extent in 1982-83, and this coupled with higher oil prices and revenues, may be enough to offset, or more than offset, the cost of the Falklands operation and leave the PSBR for 1982-83 close to the budget forecast. But with substantial changes to the accounts on both sides, and very little evidence so far, we cannot have very much confidence in this judgment. Experience of in year PSBR forecasts shows that only limited improvements are typically made between budget and summer.

- 7. The prospects for the PSBR depend critically on:
 - (a) the public expenditure plans; and
 - (b) the extent to which actual spending exceeds these plans (as in 1980-81) or falls short (as in 1981-82).
- 8. For 1983-84 there are major uncertainties on both accounts. For the purposes of this forecast we have taken the existing plans as our starting point, but as the later section on the public sector shows there are many difficult judgments involved in forecasting actual expenditure.
- 9. Our interpretation of the plans, together with the MTFS assumption of an £8½ billion PSBR in 1983-84, implies a fiscal adjustment (reduction in taxes going beyond revalorisation) of £1 billion. Essential points to note:
 - (i) This figure is subject to the margins of error of £4 billions and more that surround PSBR forecasts.
- (ii) Subsequent changes to the Public Expenditure plans, together with a fixed £8½ billion PSBR, could easily imply an <u>increase</u> in taxation in 1983.
 - 10. Interest rates in the UK have already fallen more than allowed for in the budget forecast, and we expect them to go down over the next year. But this depends on what happens to US rates and to the exchange rate, as well as on policy decisions. A slower rate of inflation, reduced saving, and a less pronounced push by the banks into new markets are all factors making for lower growth of the broad monetary aggregates; but the continued fall forecast for interest rates is liable to push growth of interest-sensitive Ml back into double figures.
 - 11. The forecast is summarised in the table on page 4.
 - 12. The published Industry Act forecasts, with the average errors from earlier forecasts set alongside the forecast numbers, demonstrate the wide range of possible outcomes. Forecasts are typically presented as point estimates (rather than as wide ranges), with the danger that small changes in the forecasts,

well within the usual error margins, can take on too much significance. One example is output, where we are now forecasting 1 per cent growth between 1981 and 1982, rather than the 1½ per cent in the budget forecast. This difference should be set against the average margin of error of 1 per cent from earlier forecasts, and the differences in the CSO estimates for the past: quite often the differences between the annual growth rates of some of the CSO's three GDP measures is 1 per cent or more.

Policy assumptions

- 13. Fiscal policy: for 1982-83 we adopt the tax rates and allowances specified in the budget, together with our interpretation of the public expenditure plans (see below), leaving the PSBR to emerge, unconstrained, from the forecasts.
- of full revalorisation of the tax system; in addition we stick to the PSBR path in the MTFS, the constraint being achieved by variations in taxes (assumed to be personal income taxes).
- by the budget) are the starting point. We assume a full allocation of the contingency reserve in all years. We make no specific allowance for the public expenditure or other costs of a major, prolonged stoppage on the railways or elsewhere. There are the usual rules about uprating social security benefits in line with prices, and balancing the National Insurance Fund, from 1983-84 onwards, by varying contribution rates.
- 16. For the purposes of the forecast, monetary policy has to be specified more precisely than in the MTFS. We assume that short-term interest rates will be set so that in each year monetary growth, as measured by a weighted average of the principal broad and narrow aggregates (giving equal weight to broad and narrow measures) stays within the MTFS ranges.

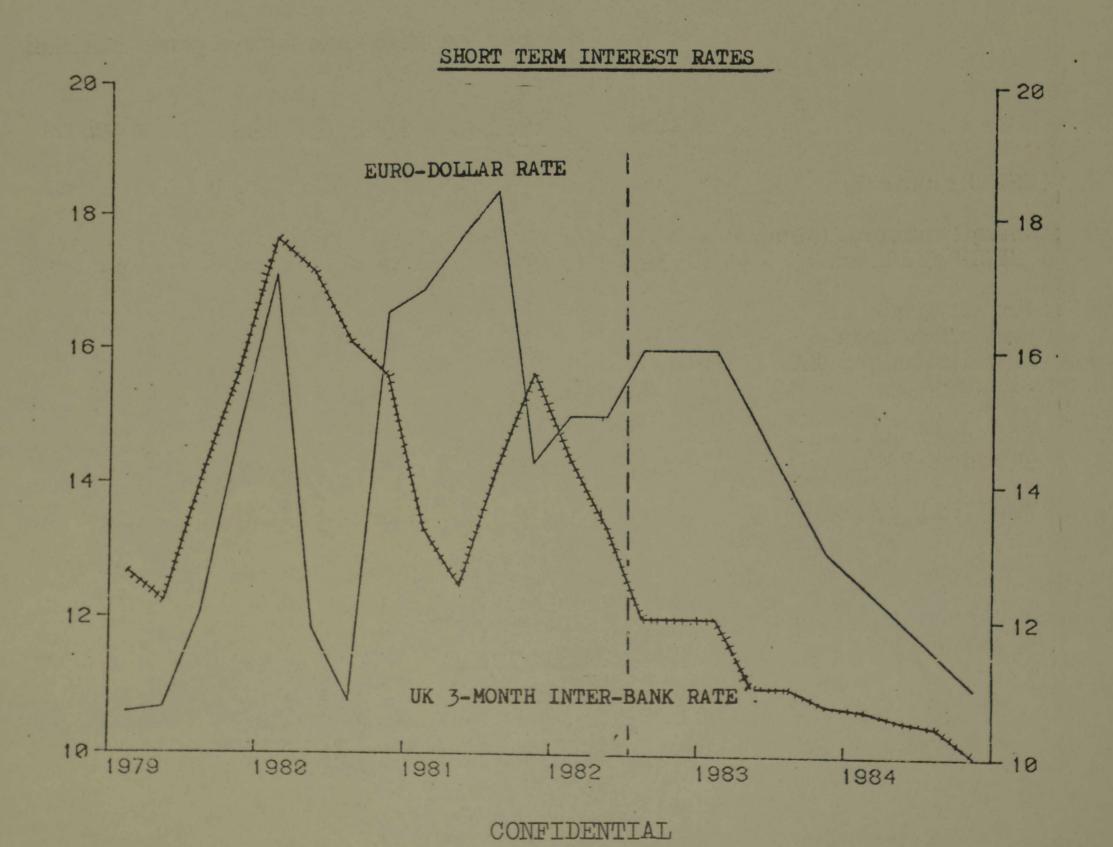
SUMMARY TABLE AND COMPARISON OF FORECASTS

	Budget/ MTFS	June Forecast		Budget/ MTFS	June Forecast
Money Supply £M3 (Per cent change on year earlier)			Nominal GDP (market prices) (Per cent change on year earlier)	
1982 Q1 1983 Q1 1984 Q1 1985 Q1	14½ 11 9 7	13½ 10 8½ 7½	1981 1982 1983 1984	10 10½ 9	10 91 91 101
PSBR (£bn and per cent of money GDP)	7.01(4)	9 (3½)	Inflation (RPI, per cent change on year earlier)		
1981-82 1982-83 1983-84 1984-85	10½(4) 9½(3½) 8½(3) 6½(2)	9 $(3\frac{1}{2})$ 9 $(3\frac{1}{4})$ 8 $\frac{1}{2}(2\frac{1}{4})$ 7 (2)	1981 Q4 1982 Q4 1983 Q4	12 9 7	12 7 2 7 3
Interest Rate (3 month inter- bank)			Average Earnings (per cent change		02
1981-82 1982-83 1983-84 1984-85	14 13½ 12 10	14 12 1 11 10	on year earlier 1981 Q3 1982 Q3 1983 Q3	12½ 9 8½ 7½	11 1 10 8
Exchange Rate (1975 = 100) 1981 Q4 1982 Q4 1983 Q4 1984 Q4	90 88½ 84½ 82	90 89 85 83	Unemployment (millions, UK seasonally adjusted excluding	7-2	10
Total output (GDP) (Per cent change on year earlier)			school leavers) 1981 Q4 1982 Q4 1983 Q4 1984 Q4	2.8 3.0 3.0	2.8 3.0 3.1 3.2
1981 1982 1983 1984	-2 1½ 2½ 3	-2 1 2 2	Current balance,		, • -
Money supply Ml (per cent change on year earlier) 1982 Ql 1983 Ql 1984 Ql 1985 Ql		7 10 12 ¹ 12	1981 1982 1983 1984	8 2 4 3 3 2	7 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

World economic prospects

17. The level of activity in the United States economy appears currently to be slightly lower than had been earlier expected; and, partly as a result, the inflation rate has come down more. Nominal GDP may rise only 5 per cent this year, about half last year's rate. Even so, the demand for money has not been much reduced and the Federal Reserve's attempts at control of the narrow monetary aggregates has kept interest rates high. In recent weeks continued lack of agreement on restraining the budget deficit has increased interest rates and pushed the dollar to new heights on the foreign exchange markets.

18. We assume that monetary policy in the US is less tight than the stated targets, that current levels of interest rates are broadly maintained for the next nine months or so, and then fall gradually. The pattern of US and UK interest rates, past and forecast, is shown in the chart below. On June 29, Eurodollar rates were at 16 per cent, and UK short rates at 13 per cent.



- 19. By the end of 1983, nominal US rates could be down to 12-13 per cent; and real rates (pre-tax) to 5-6 per cent. After tax interest rates would be considerably lower. There is a risk that adherence to the Fed's monetary targets will not allow US interest rates to come down as forecast; and that high nominal and real interest rates will inhibit growth and reduce inflation in 1983 more than allowed for in this forecast. A variant on these lines will be explored in the Report on World Economic Prospects.
- 20. Moderate recovery in the major industrial countries reflecting an increase in real incomes, the stock cycle and some fall in interest rates is forecast for 1983, but without perhaps much or any further fall in inflation. Commodity prices look like remaining weak, restricting developing countries' ability to import. Unemployment in the industrialised countries seems more likely to rise than to fall, although much less rapidly than in the past two years. The forecast is summarised in the following table:

per cent changes on a year earlier

	1980	1981	1982	1983	1984
GNP (major 7)	1	1 1 2	0	3	3
Unemployment, (level) OECD millions	19	22	26	27	28
World trade in manufactures (weighted by UK markets)	41/2	41/2	21/2	4	5 1
Consumer prices (major 7)	121/2	101/2	8	71/2	8
Real oil price	+50	+19	-4	-6	-4

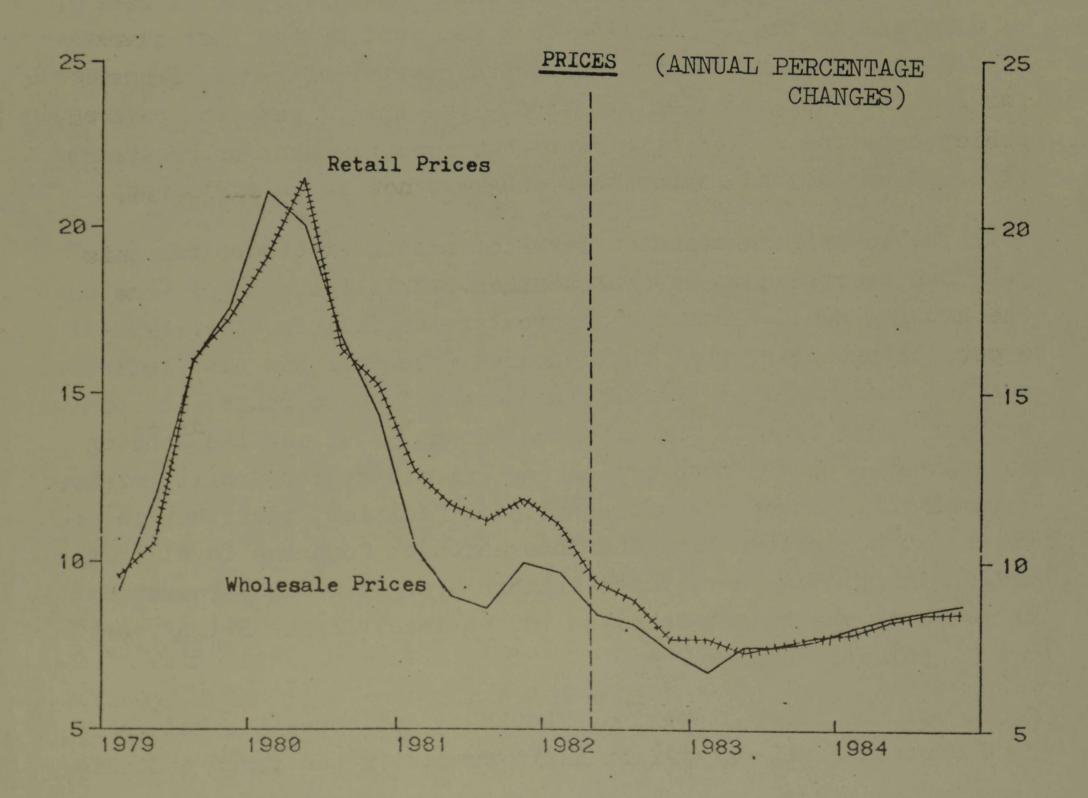
Inflation and activity

- 21. Inflation is falling quite sharply in the UK and elsewhere in the world. Low pressure of demand at home and abroad, rapid increases in productivity and strong competitive pressures from imports have continued to keep down price increases in the UK. Thus much of the substantial rise in productivity over the past eighteen months or so (over and above what would have been expected at this stage in the cycle) has been reflected in lower prices rather than higher profits. The RPT, with its substantial content of administered and food prices, together with the mortgage interest rate, is not the best indicator of the underlying rate of inflation. For manufactured goods, the wholesale output price index gives a better picture: inflation measured in this way, by comparison with a year earlier, is now around 8 per cent and falling, having been 10 per cent at the end of 1981.
- 22. The forecast published in the FSBR showed the annual rate of increase in the RPI falling to 9 per cent by the last quarter of 1982 and $7\frac{1}{2}$ per cent by the second quarter of 1983. Progress so far has been quicker than expected and the $7\frac{1}{2}$ per cent rate might be achieved by the end of this year but our assessment of prospects for 1983 and beyond is for this progress not to be sustained.
- 23. The lower than expected level of retail prices so far this year can be traced to several sources. Half the changes were on the housing side. Mortgage interest rates fell in March by half a per centage point more than assumed (the fall was also reflected quicker than usual in the RPI) and council house rents, net of rebates, rose by half the expected amount. Outside the housing index, non-seasonal food prices and private sector profit margins were slightly lower than forecast. In addition, revisions to the weights used in compiling the index brought down the level of the RPI in 1982. Together, these factors brought about a reduction compared to the budget forecast in the level of the RPI of just over 1 per cent by May.
- 24. Over the forecast period, the UK cannot expect to get as much benefit as recently from improvements in the terms of trade

between manufactures and commodities. At home, the recovery in output together with the forecast fall in the exchange rate should lift some of the pressures on profit margins.

25. With further cuts in the mortgage rate forecast over the next year, the annual rate of growth in the RPI should drop further, perhaps to $7\frac{3}{4}$ per cent by the end of 1982 and a little further in the first half of 1983. Beyond then, rising import costs will contribute to a flattening out in the inflation rate, with perhaps some tendency to rise gently. Because of the modest scale of recovery (by comparison with eg 1963-64, or 1972-73) we do not expect very much rise in inflation. If however the exchange rate were to fall faster, then the pick up in inflation would be stronger; equally, if the exchange rate were to stay near its present level, we would expect to see a further reduction in the inflation rate by the end of 1983 or in 1984.

26. The chart shows the movements of retail and wholesale prices.

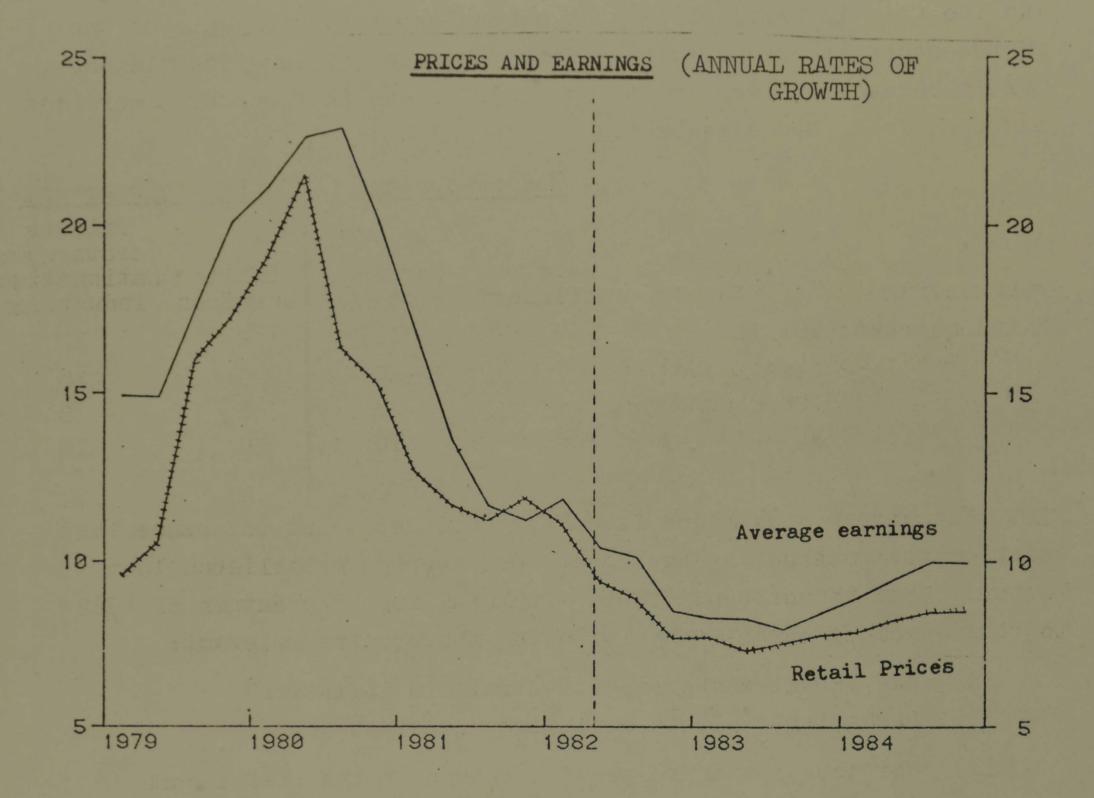


27. Earnings growth over the current pay round is put at 9½-10 per cent (including about 1 per cent for extra overtime), similar to earlier Treasury forecasts and like the previous year close to the rise in retail prices through the round. It is, however, higher than in many of our competitors (where the average is currently about 7 per cent). It means that the gain in cost competitiveness since early 1981 can be viewed as a result of the fall in the exchange rate; and the gain in profitability by companies' retaining some of the improvements in productivity. Partly because of lower settlements, partly because of less drift, earnings growth in the public services has been less than elsewhere.

			Total ed	conomy	Earnings growth		
						Private sector plus	
year e	ndin	or and the same of	Wage settlements	Earnings growth	Public services	nationalised industries	
year c	110111	6	Sectionements	810M011	DOT ATOOR	11100001100	
Third	quar	ter 1981	9	1112	9	12	
11	11	1982 (estimate)	7	91-10	9	10	
11	11	1983 (forecast)	6	8	8	8	
11	11	1984 (")	8	10	10	10	
					12 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

- 28. The current pay round is not yet complete, but we assume that settlements continue at the 7 per cent average established last autumn. For the next pay round running from the autumn of 1982 to the summer of 1983 the following factors are relevant:
 - i) the actual and prospective fall in inflation (important to both employers and employees);
 - ii) the actual and prospective change in the real income position of both employers and employees;
 - iii) the level of demand for both labour and goods.
- 29. One interpretation of past experience (the relationship on the Treasury model explaining earnings growth) suggests that the fall in inflation, combined with the low level of output, could result in a further substantial cut in the level of wage settlements in the next pay round. Partly because this relationship looks like being too optimistic for the current pay round, we have discounted its results for the next pay round, when we expect only a small further fall in the growth rate of earnings. In later years, recovery in output and companies' real income, as profitability picks up, points to a faster growth in earnings, partly offset by the

fiscal adjustment. Other forecasters, with the exception of the Bank of England team, see an acceleration in 1982-83 or in later years. The chart shows the relationship between changes in earnings and changes in prices.



30. These judgments about pay, together with the rest of the forecast, imply the following:

Per cent changes on a year earlier

		Whole econ	omy	Private sector		
	Retail	Earnings	Real take- home pay	Labour costs per employee	Labour costs per unit of output	
1980 Q3	161/2	23	41/2	22	22	
1981 Q3	11	112	-11/2	121/2	61/2	
1982 Q3	9	10	- 1/2	9	41/2	
1983 Q3	72	8	1 2	8	5	
1984 Q3	81/2	10	21/2	10	7 1 /2	

71. Thus real take home pay has fallen only a little over the past two years, and mainly because of the failure to index tax allowances in the 1981 Budget. Earnings growth (before tax) has kept up with price rises, even though settlements in late 1980 and late 1981 were concluded at levels well below the (backward looking) rate of inflation at the time.

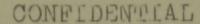
Activity

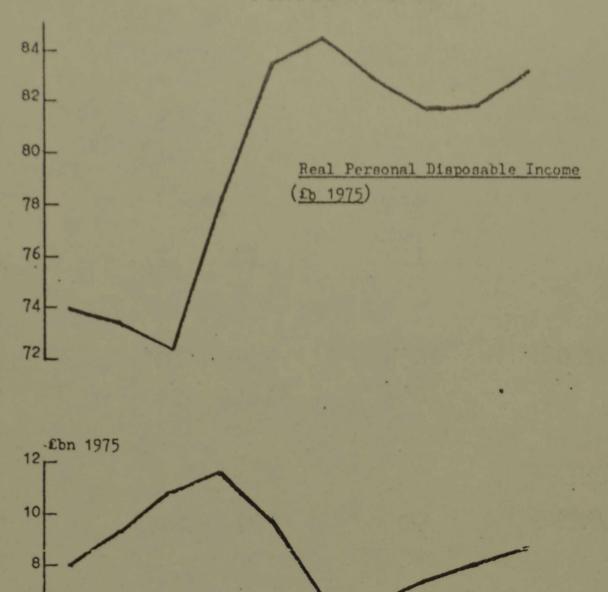
- 32. In the first half of 1982, total output in the economy was perhaps \frac{1}{2} per cent higher than a year earlier, or \frac{1}{4} per cent excluding NS oil. Manufacturing output, up 2 per cent, was the main factor. On the demand side, there was a big turnround in stockbuilding and a rise in fixed investment, though most of the rise in demand was met from higher imports.
- 33. Over the forecast period, the sources of growth of demand include:
 - i) consumers' expenditure. Initially, while real incomes are subdued, and the inflation rate falls, there is scope for reducing savings (a rise in equity and gilt prices allows consumers' wealth to rise in line with incomes). Later, big rises in North Sea tax receipts allow for tax reductions within the PSBR constraint and so higher personal after tax incomes and higher consumption.
 - ii) private investment, as profitability and the prospects for growth in demand improve, and as interest rates fall.
 - iii) in 1983 and afterwards, exports, as world trade expands and competitiveness improves.
- The rise in output should be encouraged by a rise in profitability on both home and export sales. In the short term, the CSO's cyclical indicators are pointing to a recovery in output, as are most business surveys and forecasts. But much of this information is qualitative and very imprecise about the strength of recovery.
- 35. By comparison with the budget forecast and the MTFS projections we expect a slightly lower level of output in total and for the manufacturing sector, both for 1982 and 1983.

	1981	1982	1983
1975 = 100	II	I II	I
Total output			
Budget forecast/MTFS June	105½ 105½	106 107 105½ 107	108 110 107½ 109
Manufacturing output			
Budget forecast/MTFS June	90	91 92 90 91 2	93 94 91½ 92½

The company and personal sectors

- 76. In the second half of 1980 and through 1981, companies reduced stocks and laid off labour in a partly successful attempt to remain profitable and to avert major cash flow problems. By the end of 1981 and early 1982, there were clear signs of some improvement in profits, from very low levels, but the absence of further destocking, coupled with the continued strength of investment spending, led to some renewed deficits and substantial borrowing (especially in the period October 1981 to March 1982 when delayed tax revenues were being paid).
- 37. A combination of a moderate 1982-83 pay round, more profitable exports as the pound falls gently, faster recovery of output, and less rapid rises in public sector charges make for a further recovery in the profit share, from 5 per cent in 1981 to 7 per cent by 1984 still below the 9 per cent recorded in 1979.
- 38. The chart overleaf compares the real income, after tax, of persons with that of industrial and commercial companies (excluding North Sea).





Non-North Sea ICCs Real Disposable Income (£b 1975)

1975 1976 1977 1978 1979 1980 1981 1982 1983 1984

79. Falling interest rates and the rise in profits allow some rise in investment to be financed without much increase in the financial deficit or in borrowing. Companies, in this forecast, manage to recoup some of the losses to persons incurred in the 1979-80 pay round and its aftermath. We assume that Industrial and commercial (ex North Sea) companies, who are investing quite heavily in relation to their disposable income, will be prepared to run small ($\frac{7}{4}$ per cent of GDP) financial deficits over the whole period 1982-1984, equivalent to some £2 billion a year.

40. In the <u>labour market</u>, latest figures of unemployment, vacancies and hours worked show clear evidence of the hesitation in recovery over the last six months. We still expect the demand for labour to pick up later this year and combined with apparently little changed labour supply (despite the rise in the population of working size) should produce a further slowing down in the growth of unemployment later this year. Sometime next year unemployment could be near a plateau:

Unemployment, millions

	UK wide		GB narrow		
	forecast	forecast	assumption used in PEWP		
1981-82	2.9	2.6	2.6		
1982-83	3.1	2.85	2.9		
1983-84	3.25	3.0	2.9		
1984-85	3.3	3.1	2.9		

This view of unemployment rests, not very securely, on an interpretation of the productivity increase over the past eighteen months as, mainly, a step increase in the level of productivity. We have also raised our estimate of the trend productivity growth rate. For the private, non-oil, sector of the economy, plus nationalised industries, this trend was 3 per cent a year up to about 1974; 1 per cent a year 1974-79 and faster since then. For the future we have assumed 2 per cent.

Public expenditure, the PSBR and the fiscal stance

The planning total in recent White Papers and in the current forecast is shown below:

						-
£b	n cash	1980-81	1981-82	1982-83	1983-84	1984-85
1.	1981 PEWP (cash equivalent)	93.3	104.8	110.2	113.9	-
2.	1982 PEWP	93.5	106.1	115.2	121.1	128.4
3.	1982 FSBR	93.5	105.2	114.9	120.4	127.6
4.	Treasury forecast June 1982	(93.5)	104.6	1142	121	1312
5.	Treasury forecast June 1982, cost terms 1980-81 prices	(93.5)	94.3	95 1	942	95

- 42. The table on page 17 shows in more detail the derivation of the planning total in this forecast from the plans as they stood at budget time. The main points to note are:
 - (i) Local authority overspend, consistent we think with a small rise (½ per cent) in volume, is put at around £1 billion in 1982-83 although there are difficulties over definition and measurement. The overspend is bigger in 1983-84, partly because inflation does not come down further (as implied in the plans).

RECONCILIATION OF PL	ANNING TOTALS	The second secon
£bn cash	1982-83	1983-84
1. Cmnd 8494 Planning Total	115.2	121.1
2. Budget Adjustments	- 0.3	- 0.7
3. Planning Total after Budget adjustments (1982 FSBR)	114.9	120.4
less LA overspend	- 0.5	- 0.5
less Special Asset Sales	0.6	0.6
less Contingency Reserve	- 2.4	- 4.0
add back Shortfall	0.5	0.5
4. Programmes (1982 FSBR)	113.1	117.0
Changes incorporated in June Forecast (central ca	ase)	
5. Special Asset Sales	- 1	- 1/2
6. LA overspend	1	1 2
7. Contingency Reserve	21/2	3
8. Changes due to different economic assumptions (including prices) and shortfall	- 1 2	
9. Sum of Forecast Changes (5 + 6 + 7 + 8)	1 2	4
10. Planning Total in June Forecast	1147	121

- (ii) Nationalised industries' external borrowing: although "allocated" £0.9 billion of the contingency reserve this year, we think that rising surpluses, as prices for some industries rise in real terms, and the usual investment shortfall, will lead to not all the £0.9 billion being required, as in 1981-82. Very tentatively, because of variations in trading conditions at home and abroad, as well as the risk of industrial disputes, we put the claim on the reserve at around half the £0.9 billion, without allowing for the effects of a major industrial dispute, which could be costly.
- (iii) Central government expenditure: we allow both for shortfall on cash limited and other items, and, particularly in 1984-85, higher prices feeding through into higher expenditure.
- (iv) The contingency reserve in 1982-83 of £2½ billion is fully allocated. In 1983-84 the £3 billion figure in line 7 should be taken in conjunction with the £1½ billion LA overspend (line 6) and some increases because of higher prices and other economic assumptions (contained in line 8, and offsetting the assumed shortfall in that year). Taken together, these three items exceed the £4 billion reserve in the published plans.
- (v) The main forecast shows a small <u>rise</u> in public expenditure in cost terms in 1982-83; and a small <u>fall</u> in 1983-84.

The PSBR

43. On the <u>revenue</u> side we assume full revalorisation of income tax allowances and thresholds, and of specific duties. The resulting change in tax receipts in 1983-84 is as follows:

£ billion

income tax
specific duties (including
VED)

-1.4

+1.0

44. As usual we assume that National Insurance contribution rates are set for 1983-84 and beyond in order to balance the fund.

GAD estimates, based on the economic assumptions in this forecast, point to little change needed in the current rates in April 1983; and to balance on the fund in the current financial year 1982-83. This compares with a GAD forecast, soon to be published, of a deficit on the fund this year of £350 million, based on earlier economic assumptions (higher earnings growth leading to higher contribution income is the main reason why we now think the fund balance will be better).

45. The PSBR reflects mainly the movements in the planning total and in receipts:

£ billion (per cent change on a year earlier)

	1980-81	1981-82	1982-83	1983-84	1984-85
Planning total	93½ (+21)	1041(12)	1142 (92)	121(51/2)	1312(82)
General Government receipts	941 (20)	111(17)	121 (9½)	130 (7)*	143(10)*
PSBR	13	9	9	81/2	7
Fiscal adjustment	-	-	-	-1	-3
Oil revenues (before ACT set of	4	61/2	61/2	7	10

after fiscal adjustment

overstated the PSBR by over £1½ billion. Sufficient information is still not available to provide a full explanation of this shortfall in terms of economic categories, but higher Inland Revenue receipts and lower Central Government expenditure on goods and services each contributed in part. These two effects carry implications for 1982-83 which have been absorbed into the forecast, but many of the other items contributing to the 1981-82 error are unlikely to carry through into 1982-83. Some may even (in the case, for example, of payments being delayed longer than expected) imply adjustments in the opposite direction. In addition, some later information about 1981-82, particularly in respect of National Insurance contributions, pointed to upward revisions in components of the PSBR.

47. The main changes to the revenue side of the PSBR forecast since the Budget have been in respect of North Sea taxes (up \mathfrak{L}^1_+ billion), National Insurance Contributions (down \mathfrak{L}^1_+ billion) and an additional reflux (about \mathfrak{L}^1_+ billion) from taxes delayed because of the Civil Service strike. Our estimate of public expenditure has come down by \mathfrak{L}^1_2 billion, reflecting in part the fact that the apparently lower strain on Central Government programmes revealed in 1981-82 should permit the additional expenditure on Falklands operations to be accommodated without over-running the Contingency Reserve. Other changes affecting debt interest, Customs & Excise taxes and the National Insurance Fund are broadly offsetting, leaving the PSBR forecast about \mathfrak{L}^2_+ billion lower at \mathfrak{L}^2_+ billion.

48. For 1983-84 the prospect is for a similar slight improvement over the Budget projections. The higher level of receipts of personal taxes revealed in 1981-82 is expected to be offset by lower onshore company taxes, but North Sea taxes benefit from higher dollar prices and are projected at £1 billion higher. Public expenditure is forecast at a slightly higher level, reflecting in part a larger amount of overspending by local authorities, but this is not sufficient to prevent a substantial underlying improvement in the PSBR. A fiscal adjustment of about £1 billion is projected to be consistent with a fall in the ratio of the PSBR to GDP to $2\frac{3}{4}$ per cent.

49. The PSBR has many disadvantages as a measure of <u>fiscal</u> stance; and the composition of the PSBR can be important for the level of interest rates at which it can be financed. The table below shows a number of features which affect the PSBR but which may have much less influence on activity or on interest rates.

0	-		-	-		
=	h	7			٦.	on
£		_	_	_	_	OII

		1980-81	1981-82	1982-83	1983-84	1984-85
1	PSBR	13.2	9	9	8 1	7
2	Civil Service strike (retiming effects only)	+1/2	$+\frac{3}{4}$	-14		
3	Issue of indexed gilts (PSBR lower by)	-	0.1	0.3	0.5	0.6
4	Asset sales, including forward oil	-0.4	+0.2	-0.7	-0.7	-0.6
5	PSBR adjusted for rows 2-4 1-2+3-4	13.1	8	11	91/2	8

50. For those who like to take into account, as part of fiscal policy, the inflation tax, one measure of the "real" PSBR, calculated as the nominal PSBR <u>less</u> the erosion in the value of public sector debt, is given in the table below. The more negative is the "real" PSBR, as in 1981-82, the more restrictive fiscal policy may be judged.

				£ bill	lion
	1980-81	1981-82	1982-83	1983-84	1984-85
Nominal PSBR	13.2	8.8	9	81/2	7
Inflation tax	15.1	14.9	101/2	111/2	12
"Real" PSBR	-1.9	-6.0	-11/2	-3	-5½
(Percentage of GDP)	(-1)	$(-2\frac{1}{2})$	$(-\frac{1}{2})$	(-1)	$(-1\frac{1}{2})$

Interest rates and monetary growth

- 51. The forecast assumes that short-term interest rates are set so that the average growth of the main monetary aggregates (giving equal weight to both narrow and broad measures) lies within the MTFS ranges: 8-12 per cent in 1982-83, and declining to 6-10 per cent in 1984-85.
- 52. A path for interest rates which, we think, is consistent with the MTFS ranges is set out below.

(Figures in brackets are the FSBR forecast)

	3 month Eurodollar rate	3 month inflation rate UK interest rate (deflator for TFE)
	%	% change over a year
1981-82	16.4	14.2 9.3 earlier
1982-83	154 (17)	124 (131) 74 (8)
1983-84	131	11
1984-85	112	10

- 53. Last year, the rapid growth in bank lending to both companies and persons was the major reason for the overshoot of the £M3 target. In 1981-82 industrial and commercial companies borrowed nearly £8 billion in total, much more than we had expected, and increased their (gross) liquidity levels. Over the forecast period, we expect some slowdown in the growth of bank lending to companies, as the build up of liquidity fades. Rapid growth in bank lending to persons has reflected in part the desire of the banks to capture a significant portion of the mortgage market. On credit for consumption, the banks' share of new business has declined recently from very high levels. We expect bank lending to persons to grow less rapidly, as the push into new markets abates: after growth of about 38 per cent in 1981-82, it might decline to 23 per cent this year, and to lower rates over the later part of the period.
- behaviour of the 54. We regard the/broader monetary aggregates, £M3 and PSL2, as more closely related to that of the whole portfolio of private sector wealth than to current transactions. Over recent years, changes in £M3 have not been closely related to money incomes:

per cent changes on a year earlier

	£M3	Nominal GDP	Gross wealth excluding revaluations
1980 Q1	13	22½	14
1981 Q1	17	10	20
1982 Q1	132	10	20
1983 Q1	10	9	114
1984 Q1	83	10	9
1985 Q1	7 = 7 = 7 = 7 = 7 = 7 = 7 = 7 = 7 = 7 =	101	8

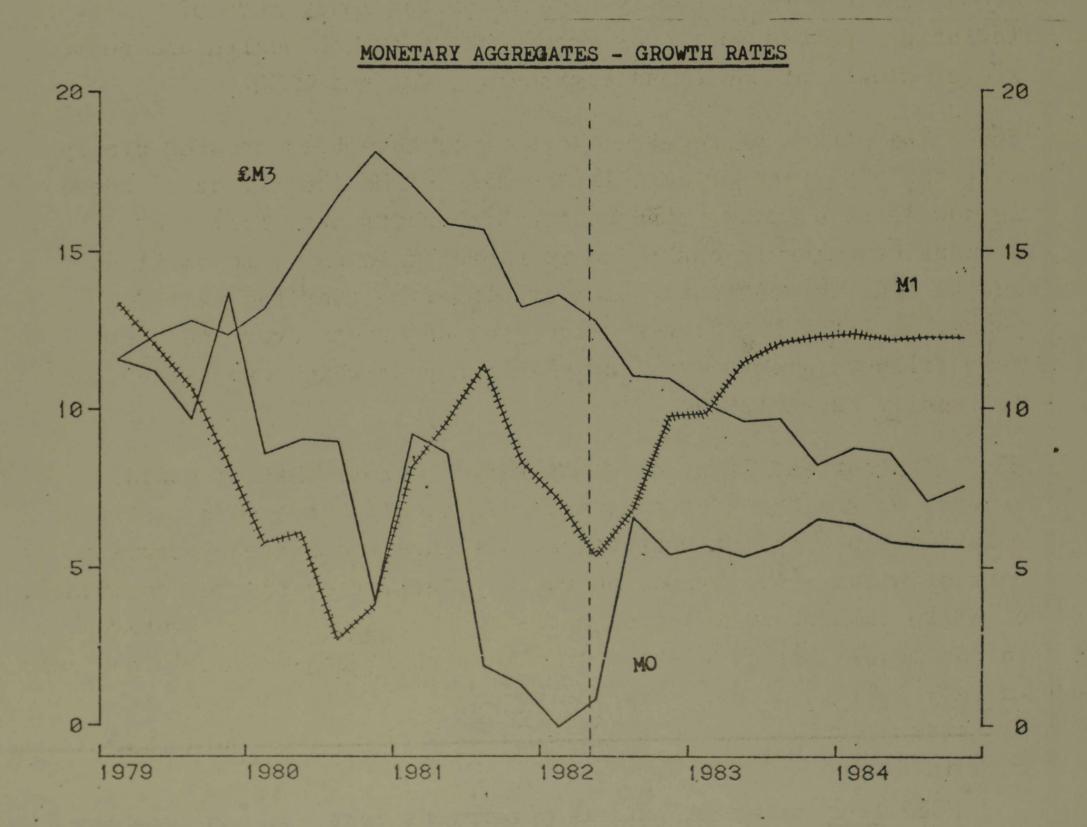
- 55. It is not easy to forecast changes in wealth, which depend on the borrowing and savings behaviour of both companies and persons; nor is the proportion of wealth held in the form of £M3 easily predictable. Over the forecast period, the decline in the growth of bank lending, together with a fall in the personal sector savings ratio partly because of the lower rate of inflation, points to slower growth of financial wealth and so to slower growth of the broad aggregates, £M3 and PSL2.
- over the past year or so. In the case of Mo (mostly cash) there is now clear evidence of a substantial shift away from the payment of wages in cash; and we expect this shift to continue and to lead to continuing slow growth of Mo over the next few years. But for Ml, slower than expected growth over the past year followed growth over the previous year which was higher than can easily be explained.
- 57. The current level of Ml is very close to what we would expect, on the basis of past experience, which suggests a strong relationship with interest rates. Because the interest-bearing part of Ml has been expanding rapidly, we expect the responsiveness of Ml to changes in interest rates to be lower than on average in the past. Nevertheless the fall in short rates from 15 per cent in late 1981 to 10 per cent in 1984-85 is likely, on past experience especially that of 1977-78, to lead to a more rapid rise in Ml.

58. The forecast of monetary aggregates is summarised below. Some words of warning are in order. Our inability fully to explain past experience, the need to change estimated relationships in this area, and the knowledge that institutional change can be both rapid and pervasive combine to make our forecast of monetary aggregates, and our interpretation of them, very uncertain. Errors of 5 per cent and more have occurred from time to time.

Per cent changes on a year earlier

	Mo	Ml	£M3	PSL2	MTFS range
1982 Q1	41	7	13½	11	
1983 Q1	53	10	10	93	8-12
1984 Ql	64	121	834	81/2	7-11
1985 Q1	67	12	71/2	8	6-10

59. The chart below shows the growth rates of Mo, Ml and £M3 (over the forecast period the growth of PSL2 is very close to that of £M3).



of the forecast is such as to produce virtually zero overfunding* in 1982-83 and slight (£1-1½ billion) underfunding in the next two years. There is a need for a further small increase in money market assistance in 1982-83, but thereafter some running down should be possible if local authorities can be induced to switch some medium term borrowing from the banks to central government as the forecast envisages.

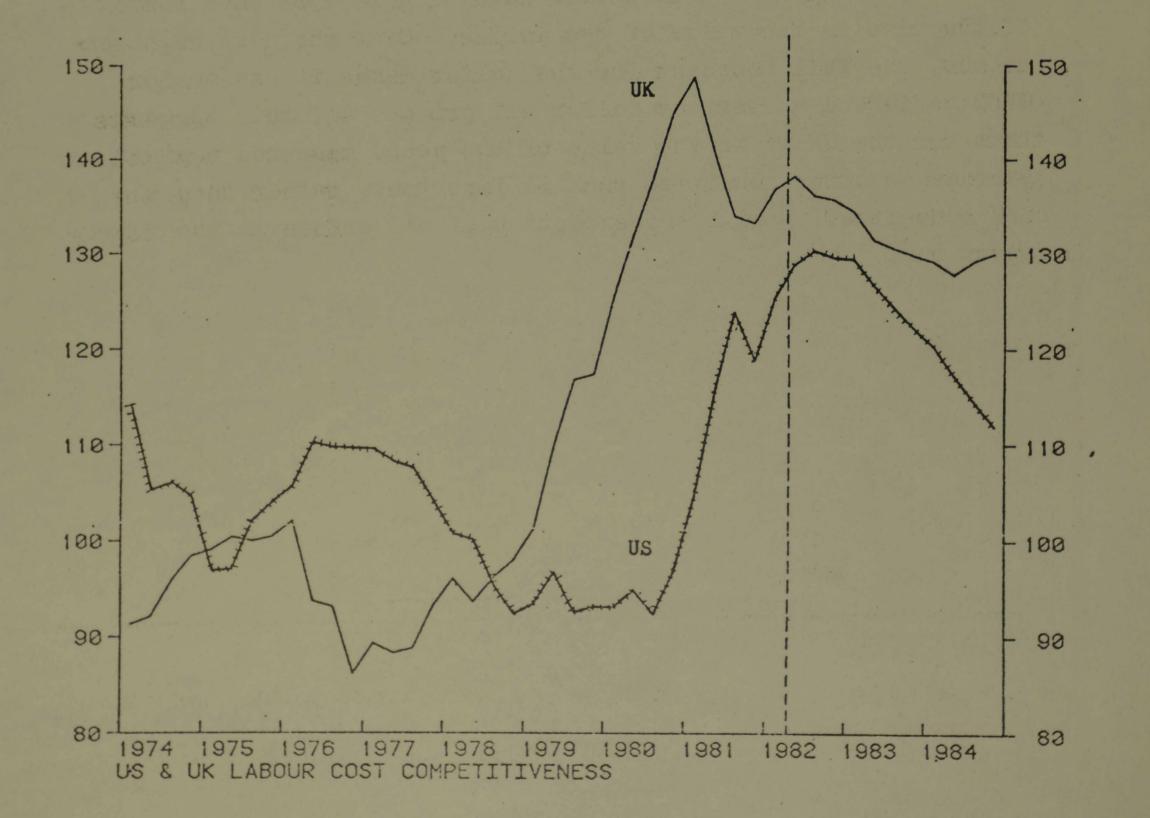
PSBR <u>less</u> sales of central government debt to the non-bank private sector.

Exchange rates, competitiveness and world prices

of sharply deteriorating competitiveness. But the timing has been different: in the UK, the deterioration took place up to early 1981 and there has been an improvement since; whereas in the US the deterioration has taken place over the last two years.

Moreover, in the UK, the loss of competitiveness reflected in large part a rapid growth of unit labour costs; in the US, mainly a rise in the dollar (currently, late June 1982, 30 per cent higher than in 1980). For both countries we are inclined to think that over the forecast period as a whole exchange rates are more likely to go down than up, partly because of the tendency to move into deficits (or smaller surpluses) on the balance of payments. Moreover the domestic price and wage level tends to adjust downwards slowly and painfully, making it difficult to restore competitiveness through this route alone, even with tight fiscal and monetary policies.

62. The chart below shows the forecast improvement in labour cost competitiveness in the US and the UK: in both cases a fall in the exchange rate is the main influence.



- 63. The stability of sterling during the uncertainty created by the Falklands conflict, and more recently, suggests considerable underlying strength. Nevertheless, partly because of the fall in the current account surplus, and continued capital outflow, we think that the pound, currently around 91 on its trade weighted measure, could fall to 85 by the end of 1983, though we would stress the high margins of error in exchange rate forecasts.
- 64. World prices, such as oil and gold, are usually set and quoted in dollars. When the value of the dollar has changed by 30 per cent over the last two years, that can be misleading. In general, commodity prices are set in auction markets and changes in the value of the dollar will be fully reflected in the quoted dollar prices and will not affect much the price quoted in some basket of currencies (eg SDRs). Oil is perhaps something of an exception, with OPEC able to exercise at least in the short run some control over dollar prices through substantial cuts in production. Thus oil prices, in real terms, have probably been higher than they would otherwise have been in 1982 as a result of the rise in the value of the dollar. Over the next eighteen months, the fall forecast for the dollar makes it easier for OPEC to defend a constant dollar oil price. All this suggests that for the UK it is the value of the pound measured against an average of other countries that is important, rather than the £/\$ rate itself - with the exception of oil prices in the fairly short run.

Trade and the balance of payments

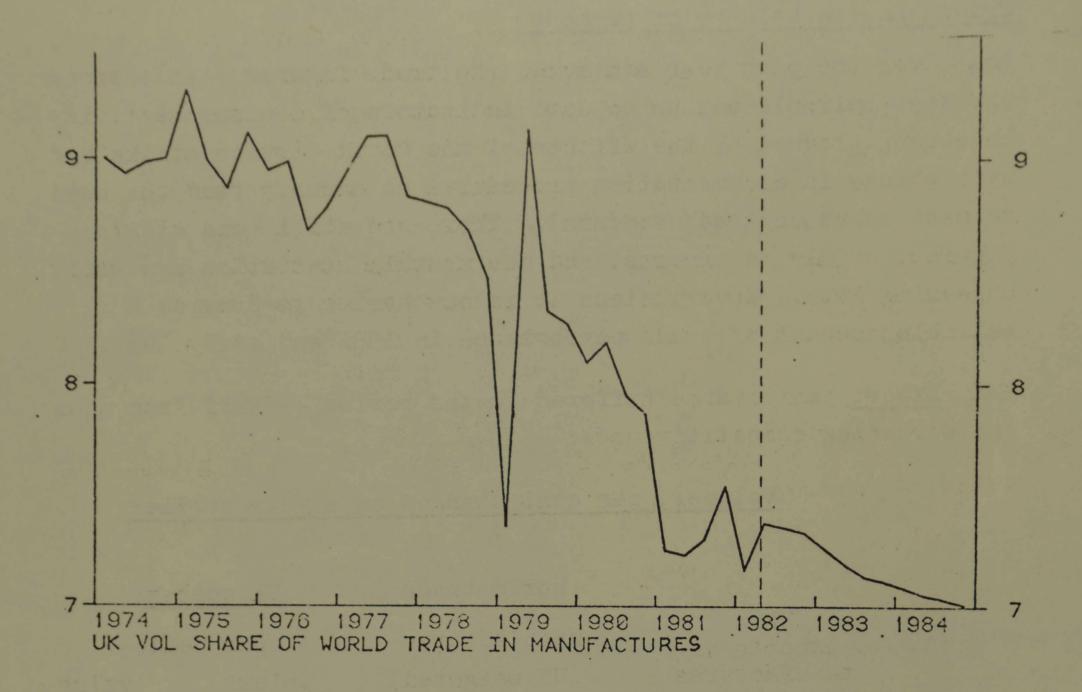
65. Over the past year and more, the trade figures - once among the most reliable and up to date indicators of economic activity - have been plagued by the effects of the Civil Service strike and by a change in documentation procedures on exports (and the need to make subsequent adjustments). There are still some missing figures, mainly on exports, and the monthly statistics are still appearing late. Nevertheless it is now easier to provide a reliable account of trade performance in 1981 and early 1982.

66. Export performance suffered in the period 1979-81 from poor and worsening competitiveness:

Volumes, per cent changes on a year earlier

	UK exports of	World trade in manufactures	UK share per cen	
	manufactures	(UK weighted)	volume	value
1979	0.2	5.1	8.3	9.1
1980	1.1	4.3	8.0	9.7
1981	-4.5	4.5	7.3	8.6
1982	2.0	2.4	7.3	8.0
1983	2.1	3.9	7.2	7.6
1984	3.6	5.5	7.0	7.3

expected in 1979 or 1980, given the sharp loss of competitiveness that actually occurred. Nevertheless the most recent trade figures (January to April 1982), the downturn in export optimism in the CBI surveys, and the generally weaker state of world demand have led us to revise downwards our forecast for 1982 from what now looks to be an over-optimistic assessment at budget time. Gradually, over the forecast period, the recovery in world trade and the improvement in competitiveness lead to an expansion of UK exports, though during the remainder of 1982 relatively little growth seems likely. The chart overleaf shows the path of the UK share of world trade, in volume terms.



68. On the import side, the absence of trade figures meant that we did not become aware until late in the year of the very sharp rebound in imports that took place around mid year. For manufactures, the path of import penetration looks as follows:

	тшрот.с	remediation,	ber.	ce.
1975_Q4 _		201		
1979 Q4		28		
1980 Q4		28 1		
1981 Q4	200	32		
1982 Q4		33		
1983 Q4		341		

1984 Q4

Thus the strong upward trend was halted only very briefly by the 1980/81 recession. A low pressure of demand and improving competitiveness explain why the proportion rises only slowly over the forecast period.

35%

69. Other areas of the export trade - particularly oil - have been more buoyant; rising import penetration is not a problem outside manufactures; and while the terms of trade may deteriorate a little, they continue very favourable by comparison with 1978 or 1979. All these factors together with a rising surplus on invisibles should help to maintain the current account of the balance of payments in surplus - implying a continuing build-up abroad of UK-owned assets. The forecast is summarised in the table below:

			€bn
	Visible balance	<u>Invisible</u> <u>balance</u>	Current Account
1980	1	2	3
1981	31/2	31/2	7
1982	0	2	2
1983	$-2\frac{1}{2}$	3	1/2
1984	-3 1	6	21/2

ANNEX : COMPARISON OF FORECASTS

Treasury Forecasts

Table A below compares the current forecast with some of the Treasury Forecasts made over the last year or so. The forecasts were not all constructed on the same set of assumptions about government policy and differences in these assumptions account for some of the differences between the forecasts.

- 2. The main interest is in how the prospect has changed since the Budget. The current forecast of total output growth, as measured by GDP, is lower than the figures in the Budget Projections. The lower growth now forecast for 1982 mainly reflects the hesitation in output growth which occurred in the first quarter of this year. The forecast for the later years is lower than the MTFS, mainly because the latter was more in the nature of an assumption than a forecast our forecast judgements have changed very little. The story on inflation is similar lower inflation in 1982 due to lower than expected price increases in recent months but higher inflation at the end of 1983 and in 1984 than assumed in the MTFS. The current forecast for mid-1983 is however very close to the published forecast of 7½ per cent.
- The PSBR forecast for 1982-83 has been revised down since the Budget but the new forecast is still well within the error margin of the original forecast. The PSBR in 1983-84 and 1984-85 is the same as in the MTFS, by assumption any change in public sector receipts and payments shows up in the size of the fiscal adjustment which is little different in 1983-84 and somewhat higher in the following year. Slightly lower short-term interest rates are now forecast for the current and next financial years, partly because of lower nominal GDP and partly because of lower US interest rates. Despite lower interest rates, £M3 is expected to grow somewhat more slowly mainly as a result of a lower forecast of private sector financial wealth, in turn due to a lower current account surplus.

Outside Forecasts

4. Table B below compares the current Treasury Forecast with two recent outside forecasts - Phillips and Drew and NIESR were chosen because they are genuine post Budget forecasts - and a "consensus" forecast obtained by averaging all the major outside forecasts. The Treasury Forecast is very much in line with the consensus forecast as regards the prospects for growth, but somewhat more optimistic on the outlook for inflation. The consensus forecast implies little further deceleration this year in the year on year inflation rate and no deceleration next year. Although the outsiders see a slightly stronger sterling exchange rate, only one or two show

decreases in the rate of growth of earnings and some have increases. Apart from inflation the only other notable difference between the Treasury and the consensus is that we now envisage a quicker erosion of the balance of payments current account surplus.

COMPARISON OF TREASURY FORECASTS

TABLE A	1981 FSBR/MTFS	JANUARY 1982 FORECAST	1982 FSBR/MTFS	JUNE .
Money Supply £M3*				
(% Change on year earlier) 1982 Q1 1983 Q1 1984 Q1 1985 Q1	8.0 7.0 6.0 6.0	16.2 11.0 9.0 8.3	14.5 (15.5) 11.1 (11.6) 8.9 (9.2) 7.0 (7.3)	13.6 10.1 8.7 7.5
PSBR (Sb and % of money GDP) 1981-82 1982-83 1983-84 1984-85	10.6(4.3) 8.9(3.3) 6.0(2.0) 3.3(1.0)	10.1(4.0) 7.5(2.7) 6.2(2.0) 6.8(2.0)	8.4 (2.8)	8.9 (3.5) 8.8 (3.2) 8.4 (2.8) 6.8 (2.0)
Nominal GDP (mp) (% change on year earlier) 1981 1982 1983 1984	10.2 10.1 9.8 9.8	9.9 11.1 9.1 10.5	10.1 10.6 9.2 9.9	9.8 9.5 9.3 10.5
RPI (% change on year earlier) 1981 Q4 1982 Q4 1983 Q4 1984 Q4	10.2 7.5 7.4 7.0	11.9 9.8 7.5 7.8	11.9 9.0 7.1 6.0	11.9 7.7 7.8 8.5
Interest Rates A short Term 1981-82 1982-83 1983-84 1984-85	12.2 11.5 9.9 9.0	14.4 14.0 11.9 10.2	14.2 13.5 11.9 10.2	14.2 12.3 10.9 10.2
B Long Term 1981-82 1982-83 1983-84 1984-85	13.3 12.9 11.3 10.7	15.2 14.7 13.0 11.7	15.0 14.0 12.6 11.4	14.9 13.1 11.8 11.1
Private Sector Financial Wealth Excluding Revaluations (% Change on year earlier)				
A Gross Wealth 1982 Q1 1983 Q1 1984 Q1 1985 Q1	11.7 8.7 6.7 5.5	19.8 11.2 8.4 7.5	18.7 12.6 9.0 7.6	20.0 11.3 9.1 8.1
B Net Wealth 1982 Q1 1983 Q1 1984 Q1 1985 Q1	11.3 6.7 4.2 2.8	18.6 10.4 7.4 6.8	15.1 12.0 7.4 6.0	12.3 10.4 7.9 7.2

^{*} The 1981 FSBR/MTFS, and January Forecasts, were based on the old monetary sector. The 1982 FSBR/MTFS and current Forecasts are based on the new monetary sector - Forecasts based on the old definition are in brackets.

TABLE A (continued)	1981 FSBR/MTFS	JANUARY 1982 FORECAST	1982 FSBR/MTFS	JUNE FORECAST
Average Earnings (private cyclically adjusted - % change on year earlier)				
1981 Q3 1982 Q3 1983 Q3	9.8 6.9 6.0	13.0 9.0 8.5	13.6 9.0 8.3	12.5 9.0 8.0
1984 Q3 Effective Exchange Rate	5.4	10.0	7.4	10.0
1975 = 100 1981	101.2	94.9	94.9	94.9
1982 1983 1984	100.4 98.9 96.7	87.4 82.4 78.9	88.5 84.6 81.9	89 .9 8 6. 2 8 3. 5
Labour Cost Competitiveness (Ratio of UK to				
competitors costs 1975 = 100) 1981 Q4 1982 Q4	151.3 150.8	140.2 131.8	139.3 136.2	133.3 135.7
1983 Q4 1984 Q4	145.7	125.8	130.3	129.8
Current Balance				
1981 1982	2.8 -0.8	7•5 3•8	8.3	7.1
1983 1984	-1.4	3.3 3.8	2.9 3.3	2.5
Manufacturing Output (% change on year earlier)			6 1.	- 6.2
1981 1982 1983	-6.6 1.5 0.9	-5.7 4. 5 1. 1	-6.4 3.2 2.2	2.0
1984	1.2	0.8	1.9	0.9
GDP Volume (fc) (% change on year earlier)	2.0	. 0	2.0	- 2-2
1981 1982 1983	-2.0 1.2 2.3	-1.8 1.2 1.5	-2.0 1.4 2.4	1.0
1984	2.2	2.3	2.8	2.1
Unemployment (UK sa excl school leavers - millions)				
1981 Q4 1982 Q4	2.7	2.8 3.1	2.8	2.8 3.0
1983 Q4 1984 Q4	2.8	3.2 3.2	3.0 3.0	3.1 3.2
I & C Companies' Financial Surplus/Deficit	0.0	1.3	1 4	
1981 1982 1983	-0.9 -4.7 -2.4	1.2 -1.4 -1.5	1.4 0.2 -1.8	1.4
1984	-0.9	0.6	-0.9	- 0.6

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COMPARISONS WITH OUTSIDE FORECASTS

	Phillips & Drew June 1982	NIESR May 1982	Consensus	Treasury June
1) £M3, % change on year earlier				
1983 Q1 1984 Q1	10 (11)	10 9.5	10.8	10.1
2) £Ml, % change over year earlier				
1982 Q1 1983 Q1 1984 Q1	9.3 7.5 (9.5)	8.5 11.0 10.3	9.3	7.1 9.9 12.4
3) Interest rates, short-term, % (Treasury bill rates)	te)			
1982 Q/I 1983 Q/I	12.0	NA NA	11.4	11.7
4) PSBR, £bn				
1982 - 83 1983 - 84	9.4 91/2	7.9	7.9	8.8
5) Exchange rate, 1975 = 100				
1982 Q4 1983 Q4	88 86	90	88.8 87.8	88. 9 84. 8
6) Current Account, <u>£bn</u>				
1982	3.0 1.6	6.2 8.6	3.4	2.0
Average earnings, % change on year earlier				
1982 1983	9.9	10.5	9.9	10.2
8) RPI, % change on year earlier				
1982 Q4 1983 Q4	8.8 9.0	9	9.2	7.77 7.8
9) RPDI, % change or year earlier	1			
1982 1983	-0.3 2.5	-1.3 0.4	-1.3 1.3	-1.2 0.2

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	Phillips & Drew June 1982	NIESR May 1982	Consensus	Treasury June
10) Import volume, goods & services				
1982 1983	8.6	9.0	7.9 5.8	6.6 4.6
11) Export volume, goods & services				
1982	3.0 4.4	3·4 4·9	2.6 4.0	0.3
12) GDP volume, % change on year earlier				
1982 1983	1.5	1.0	1.2	1.0
13) Unemployment, million, Q4				
1982 1983	2.9	3.0 3.3	2.9 3.0	3.0 3.1

"Consensus" covers: National Institute

London Business School

Phillips and Drew Simon and Coates

St James

Cambridge Econometrics

Cambridge Economic Policy Group
Liverpool
CBI

(but results are not reported for some variables by some forecasters)

TABLE I SUMMARY

198	198	198	198	198	198	198	198	
5 018	4 OTR OTR OTR	3 0TR 0TR 0TR 0TR	2 0TR 0TR 0TR	1 OTR OTR OTR	0 OTR OTR OTR	0/81 1/82 2/83 3/84 4/85	43270	
1 111.9	1 109.6 2 110.7 3 111.2 4 111.4	1 107.3 2 108.1 3 109.0 4 109.5	1 105.5 2 105.8 3 106.6 4 107.3	1 105.2 2 104.8 3 105.3 4 105.7	1 110.3 2 108.0 3 106.6 4 105.7	105.4 105.3 106.8 109.0	107.6 105.2 106.3 108.5	P A STA
3276	3176 3165 3184 3181	3036 3087 3116 3143	2817 2877 2957 2963	2291 2492 2641 2751	1361 1493 1719 2015	1877 2673 2958 3130 3192	1647 2539 2903 3095 3177	CEMEN
10.0	10.0	3333	11.0 9.8 9.0 8.7	18.7 14.4 12.5	20.4	12.44	9.3	CYC.PRIVEARNINGS W CHANGE OVER PREV.YR.
8.0	7.9 8.3 8.5	7.7 7.3 7.8	11.1 9.4 8.9 7.7	12.7 11.7 11.2 11.9	19.1 21.5 16.4 15.3	16.3 11.5 8.4 7.6	18.0 11.9 9.2 7.6 8.3	70 m 88
1732	1579 2047 1508 1481	2690 2451 2433 1895	-966 1518 2415 2222	1384 6409 3110 322	350 3771 4161 3881	13197 8875 8845 8358 6768	12163 11225 5189 9469 6615	-
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630	422 540 785 767	218 122 8 54	553 599 421 409	2570 2466 681 1357	N 1 N O	5600 5057 1647 606 2722	3133 7074 1982 402 2514	DM
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3361	2999 3323 3305 2975	3284 3262 3107 2781	3811 3397 3418 3041	4484 4181 3705 3300	3216 4489 4997	19036 14997 13140 12149 12964	17768 15670 13667 12434 12602	NOS 9
R2.02	84.24 82.98 83.67 83.15	88.23 86.02 85.61	91.14 90.30 . 89.34 . 88.89	101.40 97.80 90.60 89.70	93.00 94.50 96.70 100.20	98.20 92.31 89.19 85.17	96.10 94.87 89.92 86.17	7100
9.71	10.68 10.54 10.65	12.00 11.00 11.00 10.75	14.38 13.36 12.00	13.33 12.47 14.22 15.65	00	15.55 14.18 12.34 10.86	16.63 13.92 12.93 11.19	D T ES
10.86	11.47 11.33 11.22 11.03	12.66 12.09 11.88 11.63	14.64 13.74 13.14 12.91	13.78 14.18 15.20 15.67		13.61 14.92 13.12 11.77	13.79 14.71 13.61 12.06 11.26	LX 4N
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0

0

⁽¹⁾ *NARROW* EXCLUDES SCHOOL LEAVERS

⁽²⁾ FINANCIAL YEAR SEASONALLY ADJUSTED

. CONFIDENTIAL

PERCENTAGE CHANGES ON PREVIOUS YEAR (EXCEPT COL. 12)

1985 UTR	-	-1-	1984 OTR	2	-	1 -1	1983 OTR	-	-		-	-	-	OTR	-	-	OTR	07	-	184/	983/8	8/286	981/8	990/8	98	98	1982	98	AE			
1 8.20	4 8.5	3 8.4	0 8	4 1.9	3 7.5	2	1 7.2	4 6.6	3 7.6	2 8.24	1 9.3	4 9.8	3 10.3	2 2 10.37	1 11.7	4 14.6	3 16.40	2 19.9	1 18 5	1 W	. 7	.4		5.5	·	.5	7.91	6	7.1			DEFLATO
2.47	.2	. 4	2.62	·	00	-		.6	. 9	3.22	. 9	.4	. 3	-2.53	-	5.0	-3.3A	3 . 8	7	1 4	5	2		·w	.5	. 4	2.42	2	-			OR TEE
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2,45	+	9.6	12.48	3.1	4.8	7.1		8.5	4.2	8.78	2.3	3.0	8.1	21.57	6.4	4.6	7.90	2	7	1 ~	4.4	4.1		5.2	0.4	5.1	13.50	9.5	44	I AN	VAL	FINANCIA
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0 77	8.8	0.3		5.4	6.5	19.94	7.6	8.5	2.0	16.67	1.3	3.8	1.0	11.26	4.6	8.6	12.98	7 . 1		1 00	6.8	3.3	•	7.9	·w	7.5	21.94	0	3.0		INCL.	1 1
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1	5	7.07	.7	2	.6	9.59	-	0.9	1.0	12.75	3.5	3.2	5.6	15.84	7.0	8.1	16.75	1 . 1		7.67	9.0	1 . 1		6.7	.0	2 . 0	12.03	7 . 0	ו ת			3
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	2.2	12.27	2.3	2.2	-	11.47	00	.7	.00	5.33		8.3	. 4	9.61		8	2.71		,	10	2.0	. 9		-	12.27	1.4		2	n			3

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TABLE MONEY SUPPLY COUNTERPARTS TABLE

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RIV. ECTOR	10025	526	210	5.6	37	246	10387	- 1	1	74	1746	30	79	5145	37	91	2893	57	2468	17	91	23	2578	12	20	2871	AND PC	ARY DEB	ENT MARK
D 3 0	12918	225	142	126	233	287	11813		1	40	3475	-	07	2642	76	10	3355	M 0	3195	4	99	77	3131	30	42	2942	EBT		CET PRICE
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GDP BAS	100	.00		-	.0	. 9	2.97		2	. 2	3.09	0	.0	3.01		. 9	2.97	0	2.96	. 9	.9	. 9	3.01	.0	0	3.08			Lay o
ED BAS	1	in a	3.36	0	1.		3.37		00	. 7	70.0	5	2.	3.40	N	·W	3.37	4	3.37	·w	·w	4	3.43	4.		3.49			
XCHG GDP BAS	0.7	20		0	-	. 7	2.78		·W	.0	-1.69	6.0	5.5	-5.07	-	3	-1.33	0	-0.39	-	.2	.0	1.91	. 4	00	2.88			
VELOCIT CHG GNP BAS	1.17	200	2.2	2.5	. 0	1.3	0.35		00	00	-5.09	5 3		-3.85	5	. 0	-0.53	,	-0.69	.0	.6	4	1.90	. 7		2.72			
Y OF EM	100	200	7.06	.0	-	-	7.02		00	. 9	7.17	0	. 9	7.07	_	. 2	7.25		7.09	.0	.0	.0	7.00	. 9	00	6.86			
XCH6		0 .	CA 60	0	0	-	-2.25		5.9	0	8.45	7	- 1	1.64	0	0	2.57		-2.07	2.3	2.3	2.1	-1.33	1.3	-1	-1.46			

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TABLE 4 INDUSTRY ACT FORECAST TABLE 2

CONSTANT PRICE FORECASTS OF EXPENDITURE. IMPORTS AND GROSS DUMESTIC PRODUCT & MILLION AT 1975 PRICES. SFASONALLY ADJUSTED

		1980	90	98	0.3	38 0 SE	Al E	981 SE	3 CB	35 286	83 F	983 SE	1984 F
					IRST H	COND	PST	COND	RST	COMO	TSH	COND	IRST H
		1			HALF	HALF	HALF	HALF	HALF	HALF	A	HALF	HALF
	E S S		140	431	2	565	35871	557	35653	575	36007	650	36918
GENERA GENERA	TIOT	24216	457	25049	204	12173		10	17203	237	12467	246	12472
GOODS	m×	0 -	1	200	- 1	1416	1165	960	992	972	980	1030	1084
RNMENT & SERVCS	-	27146 26321	653	730	356	13589.	13259	306	13195	334	13448	34	13555
₅	OTHER FIXED INVEST	78	820	NI	202	8757	8400	2	9096	9113	9372	61	9677
OF PRT	GOO	33064	279	537	682	1,6241	16059	664	16265	653	16723	714	17515
7	- I	-2122	1 6	201	51	-1608	0	-315	-153	9	162	191	117
	FINAL	147351	4899	2651	472	72635	182	73701	74056	. 49	75712	56	77782
SS SS	m m	34109	626	794	770	16406	603	17999	7	40	875	19192	19486
10 LESS ADJUST	TO ACTO COST	12411	242	295	17	.6235	20	6140	N	6177	24	6350	6429
CTPI	EXCO	wo	0030	0425	50.83	49994	976	49562	994	50362	071	51417	51867
12	STAT ADJUST	יט ני	2	00	5 1	-33	w	110	-200		->	->	-2
13	GOP AT FACTOR COST	013	0009	212	5139	49961	942	49572	974	50360	071	51415	51865
4	INDEX 1975=100	107.6	06.	10.	09.	106.1	05.	105.5	05.	107.0	07.	109.2	110.2

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TABLE & CONSUMERS EXPENDITURE

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1985	1984	1982	1980	1980 1981 1982 1983 1984
01	01	200 000	000000000000000000000000000000000000000	1/82 1/83 1/84 1/85
R	4 3 7 -	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4301 4301 4301	
18884	19378 18540 18651 18747	17823 17829 17814 17941 17954 18053 18199	18115 17707 17783 17872 18037 17833 17719 17858	1 REAL TOTAL TOTAL 71477 71407 72512 74316 71399 71399 71538 72936 74822
1781	1687 1728 1748 1753	1543 1554 1574 1600 1589 1616 1676 1675	1642 1564 1547 1527 1600 1595 1538 1602	2 CONSMR DUR- ABLES 6280 6335 6271 6556 6916 6317 6654 7010
17103	16690 16912 16903	16280 16276 16240 16341 16365 16437 16523 16631	16473 16143 16236 16345 16437 16238 16185 16256	EXP. NONDUR NONDUR ABLES 65197 65112 65161 65956 67399 65161 64955 65222 66281 67812
21113	20610 20838 20898 20864	20596 20369 20364 20318 20390 20448 20523 20467	21027 20965 21245 21259 21094 20562 20562 20448	REAL PERSUL DISP. INC. 84496 82634 81647 81647 81328 837136 837136
10.55	10.83 11.03 10.75 10.15	13.47 12.47 12.52 11.70 11.71 11.71 11.32 10.56	13.85 15.54 16.30 15.93 14.49 13.27 13.69	SAVINGS RATIO 15.41 13.54 11.39 10.69 13.28 12.16 11.11 10.62
278.4	258.4 265.7 271.0 274.3	222.0 227.9 232.4 234.9 239.2 245.7 250.4 253.5	140.5 148.3 192.6 196.7 208.5 213.3 218.3	CONSMR PRICE INDEX 189.5 210.2 229.3 247.2 267.4 194.6 215.5 233.6 272.4
2.8	25.52	20.00	-0.4 -0.4 -0.4 -0.4	TOTAL C
5.6	00000	+0+3 -0×5 0×5 0×5 0×5	-19.7 -2.6 -2.6 -2.6	ONSUMPTI DURI 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5
2.5	2222	1.00 0.42	-0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0	ES ON PR NONDUR ABLES -0.1 0.0 1.3 2.2 -0.4 -0.4
10.3	9.2	00000 00000	21.0 20.1 17.5 111.2 11.6 8.6 7.0	10 EVIOUS Y PERSUL DISP INC. 17.2 8.4 7.8 8.1 10.0 14.9 7.5 8.7
7.7	8.20	10.6 9.3 8.9 7.6 7.8 7.8	17.8 19.2 14.5 12.9 11.3	11 EAR OF:- CONSMR PRICES 16.0 10.9 9.1 7.8 8.2 10.8 8.4 7.9 8.1
2.4	1.9	0.7	2.7 0.8 1.3.4 1.9	RP01 1.1 -2.2 -1.2 0.2 -1.2 0.6 -2.9 -0.8
5.07	5.08 5.08	5.10 5.07 5.07 5.07 5.07 5.07	4.54 4.60 4.63 4.75 4.85 4.83	WEALTH- INCOME RATIO 4.60 4.79 4.66 4.81 4.86 5.11 5.08

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TARLE 6 RETAIL PRICES INDEX AND CONSUMERS EXPENDITURE DEFLATOR

RECORDED AND FORECAST

7.7	278.4	8.0	8.6	7.4	6.8	7.3	391.3	382.3	517.1	413.2	360.0	TR 1	1985 01
8 3 3 6 0	258.4 265.7 271.0 274.3	3833	9998	8 8 7 5	7.75	7.6		351.8 363.0 369.8 377.2	481.3 499.2 513.1 516.5	407.8	343.3 343.3 346.7 351.9	TR 2	0000
7.7 7.8 7.8	239.2 245.7 250.4 253.5	7.7 7.3 7.5 7.8	8888	10.7	5.436	5.0	55.	38.	774.	778 779	1 7200		993 0
10.6	222.0 227.9 232.4 234.9	11.1 9.4 8.9 7.7	9.1 7.5 7.6	14.4	21.6 14.0 12.0 5.9	10.8 9.9 8.8 7.2	311.6 321.7 325.7 330.1	799.1 306.7 312.9 318.0	391.4 417.3 428.9 438.9	346.7 364.6 363.0 364.0	297.7 304.4 303.3 306.1	TR 2 TR 3 TR 3	0000
11.3 10.7 10.8 11.0	200.8 208.5 213.3 218.3	12.7 11.7 11.2	11.1 10.1 10.2 10.8	25.7 21.9 19.2 12.5	18.3 17.5 16.3 20.3	8.6 8.2 7.5	280.4 294.0 299.1 306.5	274.2 285.2 290.9 296.5	357.5 364.7 376.3 379.8	285.2 319.9 324.0 343.7	268.7 277.0 278.8 285.6	TR 1 TR 2 TR 3 TR 4	0000
17.8	180.5 188.3 192.6	19.1 21.5 16.4	20.0	19.2 26.5 28.5	25.8 31.1 29.4 29.4	13.1 13.6 11.8 9.9	248.8 263.2 268.9 273.9	246.7 259.0 263.9 267.5	280.4 299.3 315.7 337.7	241.0° 272.3 278.7 245.8	247.5 255.9 259.3 260.6	TR 1 TR 2 TR 3	0 0 0 0
16.0 10.9 9.1 7.8 8.2	189.5 210.2 229.3 247.2 267.4	11.9	16.8	25.2 19.5 11.0 8.0	29.0 18.1 13.0 4.9 6.5	12.1 8.5 9.1 5.8 7.4	263.7 295.0 295.0 322.3 346.8 375.6	259.3 286.7 309.2 335.0 365.5	308.3 368.3 368.3 419.1 465.3 502.5	269.4 318.2 359.6 377.1 401.8	255.8 277.5 302.9 320.5 344.3		1990 1981 1981 1981
DEFLATOR ADJ.) P-C CH ON PREV. YEAR	CONS.EXPD (SEAS. INDEX 1975=100	10 YEAR PONENTS	ER LAST AND COM	HANGES OV CE INDEX	CENTAGE CETAIL PRI	D RR	74=10 101A	ARY 01H	DEX JA	PRIC HOUSI	RFT F00 216	TS(1)	I m

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2163 2163 2161 2156 2151	2204 2225 2234 2225 2221 2198 2188 2170	2157 2166 2181 2196 2204 2211 2220 2213	2175 2211 2221 2193 2161	020 1
2702 2693 2685 2676 2668	2781 2775 2775 2775 2745 2719 2710	2891 2873 2851 2851 2831 2831 2801 2791	2811 2753 2753 2723 2648	C D Z M
5680 5657 5651 5637	5718 5728 5728 5728 5728 5718 5718 5718	7009 6877 6675 6440 6264 6116 5970 5892	6750 6050 5756 5713 5658	D C D O
12069 12096 12116 12135 12148	12089 12041 12011 11997 11993 12008 12026 12051	12825 12793 12718 12589 12440 12294 12294 12298 12150	12731 12731 12278 12034 12019 12103	TENT I
22616 22619 22613 22604 22589	22887 22799 22727 22695 22675 22648 22648 22628	24882 24709 24425 24065 23739 23742 23219 23046	24519 23360 22774 22648 22610	101AL
1478 1474 1469 1464	1531 1522 1514 1502 1495 1496 1486	1745 1733 1721 1721 1650 1688 1588	1727 1603 1517 1488 1471	WHICH NAT IND
26651 26660 26682 26701 26730	26539 26539 26539 26535 26535 26592 26604 26617	26628 26628 26628 26628 26628 26628 26628 26628	26625 26624 26549 26592 26573	LABOUR SUPPLY
3250 3216 3403 3266	3043 2970 3329 3083 3137 3165 3434 3194	1479 1564 1979 2157 2456 2588 2927 2910	1794 2720 3106 3283	ZH
10 76 184 77	134 165 337 112 112 283 283	39 97 256 117 129 129 278 174	127 167 186 116 86	NEMPLO REG SCHOOL LEAV
3177 3166 3184 3182 3237	2817 2878 2957 2964 3036 3087 3116 3116	1362 1494 1720 2015 2282 2482 2641 2752	1647 2539 2903 3095 3177	NARROW 000°S
13.3	12.4 12.4 12.5 12.7 12.7 13.0	5.6 6.1 7.1 8.3 11.0	10.6	ADJ P-C

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TAHLE 8 FACTOR INCOMES - SHARES

1985				1984				1983				1982				1991				1980	I D	0	98	99	98				
OTR	OTR /	TR	TR	TR	TR	TP	OTR :	TR	TR	TR	01P 2	TR	TR	IR	OTR 2	TR	TR	OTR	TR	TR									
-	4	w	2	_	4	3	2	_	4	a	2		+	3	2	_	+	ω!	0		1					S			
59.0	8	58.6	8	. 6	.6	9.	59.3	9.		9.	60.1	0	0.	0.	61.8	2.		. 62.1			1 .	9	.0	-		ALA	2 3	2300	1
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67.6	7.	67.3	7.	7.	8.	7.	68.3	8	8.	8.	69.0		9.	9.	70.9	-	0.	71.1	0	9.	. 7	00	8.	0.	. 1	PLM	FROM	TOTAL	w
8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.8		8.9				8.5	8.4		8.5			1 .	8.7			. 1	2	1	FROME	4
6.8		7.4		_			6.0	•		•	5.9	•	•	•	4.3	•		5.9	•		1 .	6.3		•	. 1	- 1	-	- NET COMPANY	5
5.7	•			5.5			5.2			•	4.1	•		•	4.4	•		3.6	•	•	1 .	5.2		•	. 1		1	DROF LIV.	0
3.5	3.5	3.5		3.5			3.6	•		•	3.7.	•		•				. 2.9	•		1 .	3.5			. 9	Sn7	Z-1	OBD FT	7
7.7	7.7	7.7		8.0		8.1	8.7	8.3			8.5	•	8.4		8.5	-	8.1		7.8	•	1 .	8.2		•				RENT	00
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683		86	0	0	18	69	-	-	1983
,		:		-	10	1	ŧ	-	
715	37	1470	-190	-375	2787	0000		מומ	
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	1	08	-		63	11	w	-	
10	5	48	7	0	45	40	2	-	
-989	574	1800	-305	125	1564	1384	-	OTR	1981
				4	5	12153	1		
9	583	50	4	4	07	0	4	-	
764	475	2922	-62	107	4116	4161	ا د	OTR	
20	632	05	0	2	20	77	0	-	
-4	1062	66	35	9	-	35	-	-	1980
	-						1		-
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700	VI	200) -) U	500	1 1		I	1746
50	50	27	17	10	KCL	T		x	/ING
1654	2254	9279	-711	952	12956	13197		81	1980/
3	1	06	67	80	03	61			98
10) +	1	6	C 5.	47	40			XX
DA	- 0	4	3 6		513	7			T C
1	0 0	7,	1 +	30	039	721			Z Z
5652	-	6816	-762	1519	11406	12163			1980
7 8	. 1		1	1	1	1		1	
BORR	URK	AC BORR	COMP		COMP				
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TARLE 9 PUBLIC SECTOR -CURRENT AND CAPITAL ACCOUNTS - PART C

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TABLE 10 EXCHANGE RATES AND COMPETITIVENESS

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1985	1984	1983	1982	1981	1980	1980 1981 1982 1983	
QTR	OTR OTR OTR	OTR OTR OTR OTR	OTR OTR OTR	OTR OTR OTR OTR	OTR OTR OTR		
-	1981	1887	1000	1007	400-		mm •
87.02	84.24 87.98 83.67 83.15	86.02 85.61 84.81	91.14 90.30 89.34 88.89	101.40 97.80 90.60 89.70	97.00 94.50 96.70	96.10 94.87 94.87 89.92 86.17 83.51	1 E X C FFECTIVE XCH_RATE
79.094	82.451 80.869 81.308 80.496	88.108 85.549 84.886 83.321	91.952	99.155 98.082 91.393 89.755	91.909 91.259 93.023 96.800	93.248 94.596 90.525 85.466 81.281	HANGE PA EXPORT WID EXCH.RATE
. 1.898	1.812 1.817 1.866 1.889	1.775 1.759 1.781 1.793	1.845 1.800 1.769 1.774	2.310 2.081 1.838 1.884	2.254 2.285 2.382 2.386	2.327 2.028 1.797 1.777	T E S
111.71	111.89 111.43 112.96 112.82	114.03 112.54 112.79 112.48	118.86 116.06 114.83 114.59	133.3H 128.22 117.22	121.94 124.58 127.22 132.63	126.59 124.27 116.08 112.96	AT I POR I CE
122.25	122.63 121.59 123.52 123.48	126.68 124.32 124.82 122.68	129.83 129.82 128.86 128.14	140.91 135.68 126.29 126.65	126.06 129.79 134.24 138.76	132.21 132.38 129.16 124.63	TIT HSA HSA
128.40	129.13 127.79 129.20 129.48	134.47 131.45 130.55 129.81	136.45 138.24 136.17 135.74	148.85 140.80 134.05 133.29	125.55 131.99 138.19 145.14	0-200	NESS OF M RELATIVE N.UNIT
113.74	113.85 113.56 114.59 114.57	118.56 116.60 115.91 114.84	122.90 120.78 120.39 119.83	125.40 124.89 123.05 120.48	117.47 120.89 122.26 123.36	120.99 123.45 120.98 116.48 116.48	POR I CE
91.22	91.25 91.35 91.21 91.11	90.58 91.22 91.20	91.26 90.26 90.28 90.27	91.30 91.18 90.75 91.33	94.73. 93.28 93.11 92.62	93.43 91.14 90.52 91.04	POFE

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