The SALTER Model: Construction of the European Database

A report for the Industry Commission

by

Cillian Ryan

University of Wales

Bangor

SALTER Working Paper No. 10

JULY 1992

SALTER working papers document work in progress on the development of the SALTER model of the world economy. They are made available to allow scrutiny of the work undertaken but should not be quoted without the permission of the author(s). Comments on the papers would be most welcome.

THE SALTER MODEL: CONSTRUCTION OF THE EUROPEAN DATABASE

I

I

I

A report for the Industry Commission, Australia

by

Cillian Ryan University of Wales Bangor

• .

<u>The</u> <u>Salter</u> <u>Model:</u>

Construction of the <u>Buropean</u> <u>Database</u>

A report for the Industry Commission, Australia

by

Cillian Ryan

University of Wales

Bangor

For queries relating to the construction of this database please contact:

Dr. Cillian Ryan, Department of Economics, University of Birmingham, Edgebaston, Birmingham, B15 2TT,

U.K.

Phone: 44-21-414-6640 Fax: 44-21-414-6707

I wish to thank Dr. Paul Brenton, University of Birmingham, who provided considerable expertise and assistance in the construction of this database and Andrew Welsh of the Australian Industry Commission for his invaluable input, updating and implementing of the European database. I am also grateful to Prof. Alan Winters and Dr Shanti Chakravarty for their advice and the assistance of many individuals throughout Europe, not least to those who provided me with unpublished Input-Output data, Dr Milanos and Dr Eamonn Henry. None of these is responsible for any errors in this document or the database which remains my exclusive responsibility. I am also grateful to Geraldine Swanton for excellent research assistance.

.

Index:

I

I

1. Introduction	1
2. Data Sources: General Overview	1
3. Prices	3
4. Aggregation of the 12 Countries	4
5. Sectoral Disaggregation	10
6. EC7 and Country Specific Comments	14
<pre>6.1 EC7 Table Manipulations. 6.2 Spain</pre>	14 18 18 19 19 20 21 22 23 22 26 27 27 28 29 30
Appendix 1: Input-Output Table for European Community	32
Key Intermediate Production Final Demands Intermediate Imports Final Imports Primary Inputs Taxes.	32 33 37 38 42 43 47
Appendix 2: Concordance Between Salter 34 Sector Table, ECR59, SITC, and NACE Classifications	53
Appendix 3: Concordance Between Salter 34 Sector Classification and Irish Classification	59
Appendix 4: Details on taxes provided (by sector) in individual EC Input-Output Tables	62

. .

.

The Salter Model: Construction of the Buropean Database

1. Introduction:

The principal task of this project was to provide an integrated 34 sector Input-Output table for the twelve EC countries; Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain and the United Kingdom.

2. Data Sources: General Overview:

The EC compiles and publishes input-output tables in National Accounts ESA, Input-Output Tables 1980, Eurostat 2C with either 44 or 59 sectors, depending upon the country in question, at 5 yearly intervals. The most recent of these is for 1980 which contains 44 sector tables (designated as R44) for Denmark, Germany, Spain, Portugal and 59 sector tables (designated as R59) for France, Italy, The Netherlands and the United Kingdom (R59). Accounts for Belgium, Ireland, Greece and Luxembourg are not available in this publication, however, the 1980 Belgian figures for 59 are now available in a separate paper from Eurostat.¹

These tables form the principal source of information for the study and thus, this report, which describes the adaptation of these tables along with data for the remaining countries into the 34-sector, 12 nation, EC/Salter model, should be read in conjunction with the methodology employed by Eurostat in the construction of the EC Input-Output tables outlined in National Accounts ESA, Input-Output Tables 1980, Eurostat 2C,

Introduction, p. VII.

Eurostat also issues on tape an aggregated 44 sector I-O table which includes Belgium as well as six of the above countries, (Denmark, France, Germany, Italy, The Netherlands and the United Kingdom).

The table for Greece was complied using data supplied by Dr Milanos of the Greek Centre of Economic Planning and Economic Research, which developed an Input-Output model for Greece using the 59 sector EC guidelines for 1980, under the directorship of Professor Maria Constantopoulos. Dr. Milanos, who compiled the original tables, is now compiling the official Greek-EC tables for 1985.

The table for Ireland was compiled for 1982 using a 21 sector Input-Output table supplied by Dr. Eamonn Henry of the Economic and Social Research Institute, Dublin based upon earlier work by him on the Irish economy. Dr. Henry is currently seconded to the Irish Central Statistics Office and is working on the official 59 sector, Irish-EC input-output table for 1985.

No official Input-Output table exists for Luxemburg and we could find no unofficial table as there is no alternative public source of economic research, (there is no university in Luxemburg). It is also difficult to get international figures on its outputs as they are generally incorporated with Belgian figures (with which it is fully integrated, even sharing a common currency) in international publications. However, the Statistics Office in Luxembourg recommended using the OECD national accounts for

Luxemburg which gives the output by sector of 44 agricultural and industrial sectors. Accordingly, the aggregated table has been adjusted to take account of the economic activities in Luxemburg that are significant in European terms, chiefly its steel industry and international banking. Given that Luxemburg only accounts for approximately .15% of European G.N.P., this loss of detail is insignificant both in economic and statistical terms.

3. Prices

The Value Added system of taxation (VAT) in operation throughout the EC involves producers adding tax to the sale price of a good depending upon the value added by them to their inputs. The intention of the VAT system is that the final consumer should pay the tax and that the choice of inputs should not be distorted. As a result, Value Added Tax paid by producers on their intermediate inputs is refundable except for a few small exceptions. Thus, the prices employed in this IOT are producer prices/ex customs prices net of deductible VAT, that is, factory gate prices net of deductible value added tax. We should note here that the EC employs a further refinement of producer prices, which it refers to as `basic prices'. These are producer prices net of taxes on the product (that is, the non-deductible element of VAT), paid by the producer unit but including other net taxes linked to production which it pays. The rationale for this lies in the fact that,

"for analytical purposes, producer prices are not very satisfactory, since the flows of a given product are not valued in a uniform manner, because they may or may not include VAT,

depending on whether or not the purchasers are entitled to a refund of VAT on the goods purchased. Similarly, the analysis of the inputs of a given branch may or may not include taxes linked to production, depending upon the type of products it produces." (Input-Output Tables 1980, Eurostat 2C, Introduction, p.IX)

The IOT in this study includes a Commodity Tax Revenue matrix which captures the difference between producer prices and basic prices and its derivation is discussed in Section 4.1 and 6.1 below. However, as a consequence of the fact that the burden of taxation falls on consumers under the VAT system, the Commodity Tax Revenue matrix is not, in practice, very important in the EC at present.

4. Aggregation of the 12 Countries

4.1 EC7 versus Sum of the seven individual EC countries:

There are two possible ways to proceed with the country aggregation and the sectoral aggregation/disaggregation. One could perform the sectoral aggregations/disaggregation for all countries separately and then add them together. Alternatively, one could use the common EC 44 sector classification, add the countries together and then perform the aggregation/disaggregation for Europe as a whole.

Ideally the former scheme is to be preferred as it would allow the sectoral aggregation/disaggregation to be more sensitive to variations across countries. However, the EC7 table contains several items of information not otherwise available. In

particular, the EC7 table has been constructed with access to the original import/export data, thus enabling the compilers to distinguish correctly between intra-EC trade and trade with the rest of the world, and to make appropriate adjustments for entrepot and erratic trade.² Further, the table has been constructed using basic prices employing data on non-deductible VAT which the compiling statistical institutes regard as otherwise confidential.

In order to compile the most accurate producer price table and commodity tax table, we aggregated (see Section below) the published producer-price tables of the 7 (Belgium, Denmark, France, Germany, Italy, The Netherlands and the United Kingdom). The Commodity Revenue matrix can then be derived by comparing the calculated table with the EC7 table at basic prices. The figures obtained were then cross-checked with figures derived from other sources for taxes on products (see Section 6.1).

We then proceed to aggregate/disaggregate the EC7 table into the relevant Salter sectors (with the exception of agriculture) and then to add the separately aggregated/disaggregated remaining countries.

4.2 Aggregation of the Countries.

The methodology employed in the calculation of the community table follows the methodology outlined in the Introduction, Section 4 of Input-Output tables 1980, page XII, Eurostat Publication 2C, which should be read in conjunction with this document.

The currency unit employed throughout is the ECU. The conversion rates from the ECU to national currencies used in the aggregation are outlined in Table 1.

Belgium Luxembourg Denmark W. Germany Greece Spain France Netherlands Italy Portugal	BFR 40.6 LFR 40.6 DKR 7.83 DM 2.52 DR 59.32 ESC 69.55 FF 5.87 HFL 2.76 LIT 1189 PTA 99.7
Portugal	PTA 99.7
United Kingdom Rep of Ireland	

Table 1: ECU/ National Currency Conversion Rates, 1ECU=

Source: Eurostat - National Accounts, ESA Aggregates, (1980).

The principal area of concern for us is the treatment of intra-EC imports & exports. The convention adopted is that imports from Community countries are merged with the value of domestic production. As a result, in the table of primary inputs and resources, the row `imports CIF of similar products from EC countries' is deleted. In theory, "the whole of the column corresponding to exports to EC countries in the table of final uses, for each product, should be equal to the sum of imports from the Community."³ In practice this is not the case due to problems with harmonization, differences in valuation and retrading and the absence of Greece, Ireland and Luxemburg from the EC calculations, (Spain and Portugal were used in the EC7 trade calculations). As a result the EC table7 has a column entitled <u>(trade) adjustment</u> in the table of final uses to ensure balance.

When the missing countries are included we still do not arrive at a zero trade adjustment column for the other reasons cited, and thus the trade adjustment column has been incorporated in the stock adjustment column in the final uses table. It should be noted here that the adjustment does not contribute significantly to the stock adjustment column (less than 1% of the total in each sector) and the column remains relatively unimportant. (There is one exceptional category which is large for an unrelated reason, see Section 6.13).

The Commission does not recommend that Spain and Portugal be integrated with the other countries as they are not readily compatible. They were not members of the community in 1980 and their system of indirect taxation was based upon a Cascade Turnover Tax rather than a Value Added Tax like the rest of the EC. A similar objection can be raised against the inclusion of Greece which also operated a system of turnover taxes at that time. 4

The option we face is either to disregard these countries completely and to RAS the EC7 table by the Spanish, Greek and Portuguese sectoral outputs, or to try to take account of the different tax regimes and use the Input-Output tables supplied for each country. Given that all these countries are more labourintensive than the European average and are comparatively underdeveloped vis-a-vis their European partners, RAS'ing does not appear to be an appropriate technique. Thus, incorporating the `imperfect' Spanish, Greek and Portuguese data would appear to be the lesser of the two evils.

Additional support for this approach follows from the following argument: In principle, in the absence of distortions caused by the degree to which VAT deductions can be made on purchases of particular inputs, VAT does not distort inputs. Given demand, for a cascade turnover tax to have similar effects to that of a VAT system requires that a seller is able to pass on the tax paid to the purchaser who in turn must be able to pass it on to the final consumer. This requires that each industry has a perfectly elastic supply curve or that they are all perfectly competitive, which is the assumption employed in the model. Strong though this assumption may be, no real alternative exists in a project with this time-scale.

The Spanish and Portuguese tables do not provide separate tables detailing EC and the rest of the world (ROW) trade. It is, however, possible to determine the breakdown by reference to the Commodity Flow accounts published in Eurostat 2C, see appendix 5.

Aggregating Greece and Ireland presented additional problems as there are no Input-Output tables for imports available for those countries. Import totals are available by sector, and it is possible to derive the EC/ROW breakdown from the OECD Statistics on Foreign Trade using the SITC/Salter conversions outlined in Appendix 2. The shares employed are detailed in Table 2 below.

For categories where no EC/Greek/Irish percentage is reported, we used the inter-EC% average for that sector from the Commodity Flow accounts cited above, weighted by the Irish/EC or Greek/EC

average for all sectors versus the Inter/EC trade average for all sectors implied by the commodity flow tables.

EC Sector	Greece	Ireland	
010	18.6	56.9	
030	10.3	29.2	
050	59.7	91.7	
073			
075	0.4	13.3	
110	0.0	0.0	
130	29.2	89.5	
150	80.6	90.9	
170	73.9	82.6	
190	74.6	83.9	
210	73.3	78.0	
230	64.1	3 9.7	
250	63.3	68.7	
270	35.7	77.5	
310	26.1	99.8	
330	87.0	99.2	
350	77.2	53.5	
370	96.5	95.7	
390	95.4	45.3	
410	39.3	79.1	
430	53.7	18.6	
450	09.0	45.5	
470	31.2	58.3	
490	81.0	85.0	
510	65.0	79.0	

Table 2: Share of Greek and Irish Trade with the EC.

Source: Statistics of Foreign Trade, Series B, O.E.C.D. Paris.

In order to derive the input-output import matrix for these countries it is required that either we use the same coefficients as domestic intermediate usage or we use the European average. While neither Greece nor Ireland can be described as average EC countries, (in both cases the entire country is designated as disadvantaged by the EC), in view of the fact that the third country imports are generally different goods to those acquired either within the country itself or from other EC countries, it seems preferable therefore to use the EC I-O coefficients for

intermediate usage of imports. Accordingly, we RAS'ed the European Import table by the derived Irish/ROW and Greek/ROW imports for each sector to obtain a breakdown of domestic/imported inputs for Ireland and Greece.

The final important reconciliation in country aggregation is the treatment of taxes linked to imports of similar products from EC countries. These are logically taxes on EC production and are thus added to the appropriate row of primary inputs.

5. Sectoral disaggregation

5.1 The Industrial Sectors:

Salter/EC concordance required the disaggregation of 4 ECR44 sectors:

DCOID AditCalary Interty and Itblicky broadeed	EC010	Agricultural,	forestry	and	fishery	products
--	-------	---------------	----------	-----	---------	----------

EC410 Textiles and Clothing

EC070 Crude petroleum, natural gas & petroleum products

EC190 Metal products except machinery and transport equipment.

In order to do this, we initially obtained estimates for the share of the value of output and costs of inputs in each Eurostat sector comprising the Salter sector. This is possible for the EC410, EC070 and the EC190 industries from Eurostat 4C, Structure and Activity of Industry' using the NACE/Salter conversions in Appendix 1. These shares are presented in Table 3.

<u>Eurostat</u> <u>Sector</u>	<u>(</u>	070	<u>190</u>		<u>410</u>	
Salter Sector	10	22	24	25	16	17
EC 7:						
Output Share	.3112	.6888	.3005	.6995	.6601	. 3399
Input Share	.0077	.9923	.3614	.63 86	.6751	. 3249
Greece:						
Output Share	0	1	.0442	.9558	.8194	.1806
Input Share	0	1	.0426	.9574	.8413	.1587
Spain:						
Output Share	.0210	.9790	.3783	.6217	.6561	.3439
Input Share	.0055	.9945	.2535	.7465	.6692	.3305
Portugal:						
Output Share	0	1	. 2199	.7801	.6496	.350
Input Share	Ō	1	.2174	.7826	.6394	.360

Table 3: Initial Disaggregation Shares of Inputs and Outputs by Industry:

Note: The large variation of input and output shares in 070 is to be expected as the input costs of crude extraction are low relative to sales value.

Source: `Structure of Activity of Industry, Annual Inquiry', Eurostat, 4C, Luxembourg

In the second stage we used additional information from this publication such as industry purchases of raw materials, intermediate products, costs of industrial services, changes in stocks, purchases or value of fixed capital goods acquired by the enterprise, gross value added etc. along with our judgement to allocate intermediate purchases of each industry and final payments to factors where we believed that accuracy could be improved.⁵ Sales are based more on output shares except where better information or judgement existed, for example, where most of the output was sold to a particular industry. In each case the adjustments were made on the assumption that row and column sums

remained constant, that is, an increase in intermediate usage by one (disaggregated) sector led to a corresponding reduction in its usage of another input.

In addition, for countries for which the 59 sector European Input-Output Tables (ECR59) are available, it is possible to break down EC070 in order to arrive at Salter 10 (Oil and Gas) and Salter 22 (Petroleum & coal products). Thus for France, Italy, Greece, Netherlands, Denmark, and the United Kingdom EC071+EC075 corresponds to SAL10 and EC073+EC050 corresponds to SAL22 in the ECR59. These figures plus the breakdown by country of output from Eurostat 4C, cited above, were used to achieve the final disaggregation. In particular, this ensures that the sales row is `more' correct for SAL 10 and Sal22, than for the other disaggregated sectors.

5.2 The Agricultural sector

The agricultural sector posed a particular problem. The EC is currently constructing a detailed input-output table of the EC agricultural sector known as SPEL, however, it will not release this information until its study is completed. Insofar as it is possible, we have followed the SPEL methodology in the construction of the agricultural sector.⁶

In order to achieve the disaggregation necessary to complete the Salter model, we initially disaggregated the Eurostat 010 sector using the output shares in table 4 which are derived from the original Eurostat data on agricultural crop, animal, forestry and fishery production (Eurostat Series 5A,B,C) for 1980.

Table 4: Preliminary Agricultural Salter Sector Shares of Eurostat Sector 010 (before redistribution of inputs and outputs within sectors):

Salter Sector	Output:	Imports:	
1	.0026789	.0104	
2	.2922	.505	
3	.0654	.048	
4	.0448	.0956	
5	.0008	.0394	
6	.5096	.0576	
7	.022	.162	
8	.06252	.082	

Sources:

Output: Based on estimates derived from Table A.1.0.0 Eur 12 Production, Origin of Income and Fixed Capital Formation, Economic Accounts for Agriculture and Forestry, Eurostat 5C, and Section III, Agricultural Statistical Yearbook, Eurostat 5A. Imports: Based on Table 1A 14, Agricultural Statistical

Yearbook, Eurostat 5A, and "Statistics of Foreign Trade" Series B, O.E.C.D., Paris.

We then refined these shares across sales and inputs to derive . our input-output figures using information contained in Eurostat's input accounts such as feed and fertilizer accounts (Eurostat 5C) and information from "Output and Utilization of Farm Produce in the United Kingdom," Annual Publication, Department of Agriculture, U.K..⁷ By adding the relevant subsectors within the aggregation (crops, animal production etc.) back together, we were able to do a rough cross-check of our figures by reference to the agriculture sectors in WALRAS, the OECD general equilibrium model of agriculture. Of necessity, because of the constraints of time and the fact that the SPEL team has a wider range of information sources available to it, our Calculation data are more crude and the Residual data checks less rigorous, however, we are content that the input-output

coefficients are reasonably accurate. We are less content with the disaggregation of the tax/subsidy revenue matrix, which is considerably more ad hoc. The distribution of factor rewards between land, labour and capital also requires more work. Given the data to hand, it was not possible to break down returns to factors by sectors and the figures shown are based on aggregate returns. This is not altogether inappropriate as the political pressure which underlies the subsidies and pricing of agricultural output in the Common Agricultural Policy serves to equate returns to factors across agricultural sectors. A rough comparison with the figures for the agricultural sectors in the WALRAS model confirms this assumption for land and capital, however, the labour income figures differ significantly.

6. EC7 and Country Specific Comments

6.1 EC7 Table Manipulations:

The consolidated EC7 does not provide a detailed breakdown of the Gross Value Added term. However, the returns to land, labour and capital are available in the published tables in Eurostat Input-Output Tables, publication 2C, with the exception of France and Italy, which do not provide the data, and those of Belgium which are published separately. Using this information and capital/labour ratios from the EC-Structural Data Base (BDS) for France and Italy and the additional information on taxes (see below), it is possible to disaggregate the Eur7 gross value added into its component parts. The key assumption employed in separating value added for France and Italy was that their capital/labour ratio lies within the Cone of Diversification for

European production and, thus, as a variety of trade models would predict, their wage/rental ratios are very similar to the European average. Thus, the breakup of the factor payments component of gross value added depends upon the European wage/rental ratio, the European capital/labour ratio and the capital/labour ratio in the country in question. These ratios were derived from capital stock and employment data reported in the Eurostat BDS (database) under "Capital Stock data for the European Communities" and "Occupied Population/Wage-Salary earners by Sector for the European Communities" and are presented in Table 5 while the average share of capital and labour in each sector is presented in Table 6.

The individual country data for non-deductible Vat, taxes on production, non-commodity taxes and subsidies are also not provided in the aggregated EC7 table, however, some or all of these are available for countries in the Eurostat 2C Input-Output Tables, 1980, see appendix 2. From these tables it is possible to check that the taxes derived in the commodity tax revenue matrix (described in Section 3 above) are of about the right order of magnitude. It is also possible to derive estimates of noncommodity indirect taxes net of subsidies either from the countries I-O table where it was provided, or by using the `Structure and Activity of Industry-Annual Inquiry Eurostat 4C, Price-Waterhouse country tax reports or Felonis (1987).

Sector	Fra.	Ita.
010	1.2	0.81
030	1	1
050	1	1
070	1	1
090	1	1
110	1	1
130	1.14	1.01
150	0.99	0.73
170	0.68	1
190	1.41	0.82
210	1	1
230	1.31	0.86
250	0.74	0.98
270	0.85	1.23
290	0.85	1.23
310	1.16	0.77
330 350	1.1 6 1.16	0.77
370	1.16	0.77 0.77
390	1.16	0.77
10	1.10	0.47
30	1.5	0.47
50	1.1	0.87
70	0.99	0.86
90	0.99	0.86
510	0.88	0.50
530	1.42	0.77
50	1.23	0.87
570	1.4	0.83
590	1.34	0.88
510	1.21	0.63
530	1.21	0.63
50	1.21	0.63
570	0.96	1.04
5 9 0-	1.4	0.83

Table 5 : Capital/Labour Ratios for France and Italy relative to Average European Capital/Labour Ratios.

Source: Eurostat Database, BDS.

Table 6 : Average Share of Labour and (Gross) Capital in Gross Value Added at Factor Cost from Denmark, Germany, Netherlands, United Kingdom and Belgium.

	Lab	Caj	p		
B010	. 25	. 7	5		
B030	.85	.1			
B050	.68	.31	L		
B070	.09	.91			
B090	.46	. 54	ł		
B110	.87	.13	3		
B130	.90	.10			
B150	.69	. 31			
B170	.72	.28			
B190	.77	.23			
B210	.84	.16			
B230	.70	. 30			
B250	.81	.18			
B270	. 86	.14			
B290	.98	.02			
B310	.46	.54			
B330	. 58	.42			
B350	.61	. 39			
B370 B390	.61 .65	.39 .35			
B390 B410	. 65	.35			
B410 B430	.73	.21			
B450 B450	.83	. 27			
B470	.70	. 30			
B490	.74	. 26			
B510	.76	. 24			
B530	.65	. 35			
B550	.63	. 37			
B570	.64	. 36			
B590	.56	.44			
B610	.70	.30			
B630	. 56	.44			
B650	.56	.44			
B670	.62	.38			
B690	*	*			
B710	.34	.63			
B730	• .03	.97			
B750	.83	.17			
B770	. 37	.63			
B790	.62	. 38			
B810	.97	.03			
B850	. 92	.08			
B890	.92	.08			
B930	.92	.08			
0000	.66	. 34			
B990					

Source: Primary Input tables.

6.2 Spain:

Valuation of flows: The published Eurostat table is valued at producer prices including taxes on products. The commodity revenue table and the non-commodity taxes are derived allowing for the 2.5% cascade turnover tax in operation in 1980 (Ministry of Finance Source) and the information provided on tax and subsidies in the primary input table.

6.3 Portugal:

The table published by Eurostat is in basic prices. Portugal operated a Sales Transactions Tax which is similar to VAT in the sense that raw materials were eligible for a tax rebate, however, other inputs and services were taxed at rates varying from 10% to 60%. In our calculations we used the rates quoted in the Price-Waterhouse study of Portugal, making allowances where appropriate for primary raw materials. The commodity revenue matrix is derived using these tax levels and the information on net production taxes supplied in the primary input table. The noncommodity taxes are not published, however, we derive an estimate based upon the rates quoted in the Price-Waterhouse country survey and indirect tax totals, fees, stamp duties and licences in the national and local income accounts.

6.4 Greece:

The table supplied for Greece is in producer prices. The commodity revenue matrix and the non-commodity indirect taxes are derived using the cascade turnover tax levels in operation in 1980 (10% on all transactions except inputs of raw materials -

Source: Price Waterhouse) and the information on net production taxes supplied in the primary input table.

6.5 Ireland:

The table supplied was for 1982. The figures have been deflated by the producer price index and by the overall growth rate of output between 1980 and 1982 (26% in total). Obviously this is extremely crude but given that Ireland accounts for only .8% of European G.N.P., this adjustment is relatively insignificant and the potential improvement in the table would not have justified the time necessary. The tax matrix is based upon VAT rates in operation in 1980 (which varied from a zero rating for food to 35% for `luxury' items - see Price-Waterhouse report on Ireland) and tax totals in the input-output table.

6.6 Luxemburg:

As was noted in the introduction, no Input-Output table for Luxemburg exists. It has two important industries; Financial Services and Steel Products, however, at approximately, .4% of European output each, they are still relatively insignificant. Nevertheless, final consumption, value added and the diagonal element of the matrix were adjusted to incorporate these industries. Using the rule that only coefficients where the sales/input figure would change by more than .1% of total European input/output for that sector as a result of the inclusions, allowed us to ignore the need for any further adjustment.

6.7 Duty

Total duty by commodity is available from the original tables. While many EC tariffs are the same for all countries due to the MFN clause in the GATT, there is, however, a large number of products where countries in each of the Salter regions faced preferential tariff rates for some goods at that time, depending upon the historical links a particular country had with member countries of the EC. It would be a major project in itself to determine the exact allocation of these duties by source. Accordingly, duties have been allocated according to regional trade shares with Europe (see table 7).

There was one area of confusion in relation to the implementation of the model. The model presented to the Industries Commission included duties in the import tax matrix. This, apparently, had not been the original intention. Unfortunately, to recover the pure taxes on imports would then have required a significant reworking of the calculations. Given the relative unimportance of product taxes in most sectors in the EC (as was noted in Section 3), the recommendation was that they could be safely ignored. If it was deemed to be sufficiently important to warrant inclusion, a quick estimate can be obtained by employing the same tax coefficients as those in the domestic sector. Note that the rates are not constant across the sales of a particular sector, as a particular category can contain different amounts of goods taxed at different rates.

Table 7: Salter Region Shares of EC Imports

	Aus	NZ	Jap	US	Can	ASEAN	Row
1	0.035	0	0.619	0	0	0.104	0.242
2	0.007	0.0055	0.001	0.46	0.005	0.123	0.763
3	0.0006	0	0	0.488	0.489	0	0.0024
4	0.007	0	0.0025	0.796	0.04	0.099	
5	0.35	0.234	0.002	0.02	0.0004	0.087	0.1455
5 6 7	0	0	0	0.123	0.014	0	0.863
7	0.002	0.0004	0.0034	0.078	0.084	0.114	0.2854
8	0.007	0.604	0.034	0.08	0.122	0.133	0.153
9	0.099	0	0	0.396	0.009	0.006	0.49
10	0	. 0	0.00005	0.006	0.0006	0.0014	0.9974
11	0.059	0.0004	0.010	0.16	0.073	0.047	0.647
12	0.037	0.186	0	0.145	0.023	0.038	0.571
13	0.013	0.43	0	0.007	0.024	0	0.526
14	0.0004	0.0002	0.002	0.397	0.029	0.098	0.4734
15	0.002	0	0.0008	0.213	0.028	0.12	0.6362
16	0.022	0.015	0.0146	0.006	0.003	0.091	0.8484
17	0.0001	0.0002	0.01	0.038	0.006	0.458	0.5123
18	0.004	0.027	0.0007	0.086	0.02	0.209	0.6533
19	0.002	0.0003	0.005	0.085	0.07	0.13	0.7077
20	0.0002	0.00005	0.0083	0.089	0.083	0.00866	0.8108
21	0.002	0.0009	0.04	0.29	0.032	0.069	0.566
22	0.0003	0	0.00012	0.013	0.0059	0.025	0.9557
23	0.0007	0	0.025	0.056	0.003	0.057	0.8583
24	0.0086	0	0.074	0.063	0.019	0.019	0.8164
25	0.003	0.0009	0.088	0.227	0.017	0.12	0.5441
26	0.0005	0.0002	0.247	0.202	0.004	0.011	0.5353
27	0.002	0.0005	0.16	0.407	0.014	0.068	0.3485
28	0.003	0.0004	0.18	0.244	0.01	0.226	0.333

Note ROW is almost always dominant due to the high percentage of EFTA/EC trade. Also note Korea is included in ASEAN.

Source: `Statistics of Foreign Trade, Series B, OECD, Paris.

6.8 Freight

We are not aware of any publicly available freight data by sector. It would be possible to calculate approximate freight cost for each sector by comparing FOB and CIF prices in OECD reports for each of the component SITC categories that form parts of the Salter Sectors. This, however, could take several weeks to a month to complete and would not be feasible in the time allotted to the project. Thus the figures reported are the trade figures for each region calculated by the IMF, using the CIF/FOB conversion factor (see table 6) on aggregate trade bundles for balance of payments reconciliation purposes and published in International Financial Statistics for 1980.

Table 6: CIF/FOB Conversion Factors.

Australia New Zealand Japan United States Canada Korea Asean	1.106 1.085 1.091 1.048 1.030 1.079
Asean	1.10
ROW	1.12

Source: International Financial Statistics

6.9 Income Tax and Transfer Payments

The figure employed in the study is the total of income taxes including social welfare taxes reported in Table 8 (next page) of individual countries National Accounts, OECD, for 1980.

6.10 Capital stock

There are two possible ways of calculating the capital stock for use in this project. One method would be to use a set of tables published by Eurostat, "Capital Stock Data for the European Communities", Eurostat BDS (Statistical Data Base), (Estimation Methodology attached), which provides figures for the capital stock in 6 countries (Germany, France, Netherlands, United Kingdom, Italy and Belgium) for as many as 26 of the EC R44 sectors, though the figure for most countries is closer to 16.

	Loca	l currend	су	ECU		
_	Total Transfers	Direct Income Tax	Social Security Tax	Transfers	Total Tax	
France (mil FR)	654948	175839	507642	112534.02	117436.60	
Belgium (mil BFR)	734638	631633	437669	17961.81	263777.49	
Denmark (mil KR)	62773	96343	3168	8016.99	12708.91	
Germany (mil DM)	252640	180010	248130	100253.97	169896.83	
Greece (mil Dr)	159508	736222	1353890	2688.94	3835.33	
Ir eland (mil IR£)	1390.8	1153.3	656.9	2120.12	2 75 9.4 5	
Italy (Bil Lir)	55653	37788	43753	29446.03	43144.44	
Luxembourg (Mil LFR)	33652	23176	18871	828.86	1035.64	
Netherlands (Mil Guil)	92120	50680	61220	33376.81	72861.16	
Sp a in (bil Pes)	2284.1	1070	1815.3	2290.97	2890.76	
Portugal (Mil Esc)	134337	77726	109826	2049.38	2861. 17	
UK (UK £)	28178	315 96	13944	47120.40	76153.85	
			Totals	3 586 88.30	531961.66	

Table 8: Income Tax and Transfer Payments

Source: "National Accounts", Detailed tables, 1976-1988, Vol.II, OECD, Paris, France.

However, given that the primary use of this variable is the

calculation of depreciation for incorporation in the model, the resultant figures depend upon the accuracy of the aggregate depreciation figure employed. In contrast, Belgium, Germany, The Netherlands, and Greece which constitute about 40% of the G.N.P. of the above group of 6, all provide a depreciation figure for each of their reported sectors. For the purpose of this study therefore, this was regarded as superior. For the remaining countries, the figure is calculated by sector by calculating the share of depreciation by sector in Gross Value added in the four countries (noted above) for which data is available and in the case of Italy and France the derived numbers are compared (and forced to conform with) the net and gross capital stock figures for the relevant sectors reported in "Capital Stock Data for the European Communities", Eurostat BDS. Using this comparison it was found to be a reliable measure of depreciation. For sectors and countries where the EC does not report a capital stock, the average share of depreciation in Gross Value Added at Factor Cost in each sector of the four reporting countries was calculated. These are reported in Table 9. It was then assumed that depreciation accounted for the same percentage share of Gross Value added at Factor Cost in the remaining seven countries.

The total capital stock, for updating purposes, can be obtained by multiplying the figures for the consumption of fixed capital stock (depreciation) by the inverse of the depreciation rate discussed below.

	Cost:	Depreciation	111 02000		
 B010	. 26				
B030	.09				
B050	.26				
B070	.12				
B070 B090	. 35				
B110	.13				
B130	.19				
B150	.18				
B170	.19				
B190	.08				
B210	.08			•	
B230	.13				
B250	.08				
B270	.13				
B290	.09				
B310	.06				
B330	.16				
B350	.13				
B370	. 22				
B390	.19				
B410	. 0 9				
B 4 3 0	.07				
B450	.09				
B470	.11				
B490	.12				
B510	.08				
B530	.05				
B550	.04				
B570	.08				
B590	.12				
8610	.19				
B630	.28				
B650	.13				
B670	.21				
B690	.30				
B710	.06				
B730	. 39				
B750	.04				
B770	.10				
B790	.08				
B810	.04				
B850	.08				
B890	.08				
B930	.08				

Table 9: Share of Depreciation in Gross Value added at Factor

Source: Primary Input tables for Germany, Netherlands, Greece and Belgium.

6.11 Marginal Tax Rate

The Marginal Tax rate is a weighted average of the average marginal tax rate in each of the twelve countries. The marginal tax rate for each country is based upon the marginal tax rate faced by the earner of an average wage/salary of domestic manual and non-manual worker in each country. The wage/salary is from the Eurostat Revue, 1A, for 1984 (last complete listing) adjusted for the nominal growth rate of G.N.P.. The marginal tax rate is the rate operational in 1985, inclusive of local, social security and special levy taxes, which we calculate such a worker would face on his/her marginal taxable income after adjusting for allowable deductions as reported in `Individual Taxes - A Worldwide Summary 1985' published by Price Waterhouse. The EC12 figure is the sum of each country's marginal rate by its percentage share in EC GDP as reported in EC National Accounts `Eurostat Revue,' 1A.

Table 6: Marginal Tax Rates by Country (1985):

Source: See text above.

6.12 Depreciation Rate

Given that depreciation is calculated explicitly in this model, the depreciation rate is only of importance if capital stock rather than depreciation is required. As was stated above, the depreciation figures are believed to be more accurate than the capital stock figures for the purpose of this study. As such, the common 10% rule-of-thumb depreciation rate may be used, however, a depreciation rate based upon the weighted average of depreciation as a percentage of capital stock for Belgium, Germany, Greece, the Netherlands and the United Kingdom (for which figures are available) suggest a lower depreciation rate of approximately 5%. However, the sectors included in this estimate are biased towards the manufacturing sectors and incorporating the service sector would lead to some upward movement in this figure.

6.13 Other significant alterations to the table

In a number of sectors the return to capital (net of depreciation) is negative in the primary inputs table. In the implementation of the model these losses were treated as temporary changes in stocks with an appropriate adjustment for average long run return to capital. The adjustment required is not significant except in the case of Salter 32 (Sector 690 of the European R44 table - Services of Credit and Insurance institutions) which had a negative return on capital in 1980 reflecting short run losses and exceptional bad debt provision. Within the financial services sector it is not unusual for the sector as a whole to experience bad years, depending on the state

of the economy as a whole, both within Europe and in markets where they have lent significant amounts. Accordingly it is appropriate to adjust this sector's profit figures to reflect a 10 year average profit rate (about 10%) on capital and viewing the temporary losses as a (financial) stock adjustment. The necessary adjustments on the row sum is therefore accommodated as a stock change in which assets are written off in the relevant period. This is the only sector in which the stock adjustment column, however, is a relatively large percentage of total sectoral output.

No data exists for Sector 34, Other Services: Ownership of Dwellings and while totals can be obtained for some countries, no input-output estimates are available. In the case of Ireland, this sector can be treated as a residual, however, the figures for this sector should be regarded as unreliable and in need of further work.

6.14 Updating

The update procedure for the EC region was conducted by Andrew Welsh of the Industry Commission and followed the procedure outlined in `Updating ndp' in Chapter 3 of "Salter: A General Equilibrium Model of the World Economy."

Footnotes

1. National Accounts ESA, Input-Output Tables 1980, Belgium (available from Eurostat, Section DG34/B, on request).

2. European trade figures can be distorted by the presence of entrepot trade, that is, goods shipped through large ports, such as Rotterdam, and placed in storage or bonded warehouses for trans-shipment either to other EC countries or to the rest of the world.

3. P.xii, Introduction to "National Accounts ESA, Input-Output Tables, 1980, Eurostat 2C.

4. See sections 6.2 - 6.4 for details.

5. I regret that I did not keep copies of the appropriate rows and columns before the redistribution took place, however, the redistribution ought to be obvious from a replication of the data using the output shares indicated. I am willing to answer queries relating to the subsequent implied redistribution with anyone replicating these tables, should the redistribution not be immediately obvious from the `Structure of Industry Data'

6. see Wolf (1990)

7. A similar qualification to footnote 5 applies.

References and Sources:

Primary Input-Output Table Sources:

- "National Accounts ESA, Input-Output Tables, 1980", Eurostat 2C, Luxembourg, 1986.
- "National Accounts ESA, Input-Output Tables 1980 for Belgium", Eurostat DG34 working paper, Luxembourg, 1990.
- Milanos, Dr. "Input-Output Tables for Greece for 1980", diskette supplied by kind permission of Prof. Maria Constantopoulos, Director General, Centre of Planning and Economic Research, 22 Hippokratous Street, GR. 106 80, Athens, Greece.
- Henry, E, "Input-Output tables forIreland for 1980", Spreadsheet supplied by Dr.Henry, Central Statistics Office, Earlsfort Terrace, Dublin 2.
- "National Accounts", Detailed tables, 1976-1988, Vol.II, OECD, Paris, France.

Agricultural Sources:

Burniaux, J.M., F. Delorme, I. Lienert and J.P. Martin (1990), "Walras- A Multi-Sector, Multi-Country Applied General Equilibrium Model for Quantifying the Economy-Wide Effects of Agricultural Policies." Working Paper, No.84, OECD, Paris.

"Yearbook of Agricultural Statistics", Eurostat 5A, Luxembourg.

- "Economic Accounts: Agriculture and Forestry", Eurostat 5C, Luxembourg
- "Crop Production, Quarterly Statistics" Eurostat 5B, Luxembourg.
- "Animal Production, Quarterly Statistics" Eurostat 5B, Luxembourg.
- "Feed Balance Sheet", Eurostat 5C.
- "Output and Utilization of Farm Produce in the United Kingdom", Annual Accounts, Dept. of Agriculture, London, U.K.
- Wolf, W. (1990), `The Base Model', SPEL working paper, Univ. of Bonn.

Industrial Sources:

"Structure and Activity of Industry, Annual Inquiry", Eurostat 4C, Luxembourg.

"Capital Stock Data (by Sector) for the European Communities", BDS, Eurostat, Luxembourg. "Occupied Population/Wage-Salary Earners (by Sector) for the European Communities", BDS, Eurostat, Luxembourg.

Trade Sources:

"International Financial Statistics", Internatioanl Monetary Fund Yearbook, Washinton, D.C., U.S.A..

"Statistics of Foreign Trade", O.E.C.D., Series B, Paris, France.

Additional Tax Sources:

`Country' Surveys - Various, Price-Waterhouse, London. Individual Taxation - A Worldwide Survey, Price-Waterhouse, London.

Appendix 1: 1980 Input-Output Table for European Community in current producer prices net of deductible value added tax. Key to Tables: Intermediate Input-Output Table: Salter Sector, i =(1-34), for more details see Appendix 2. S(i): B990: Total Table of Primary Inputs: Gross Wages and Salaries E010: E020: Employers' Social Contributions E030: Net Operating Surplus Net Value Added at Factor Cost E070: Consumption of Fixed Capital E080: Gross Value Added at Factor Cost **B090**: Taxes linked to Production **B111**: E112: Non-Commodity Taxes Net Value Added at Market Prices E180: E190: Gross Value Added at Market Prices E290: Actual Output at Producer Prices Additional Infornmation: Total Transfers at approximate Factor Prices E390 E410 Subsidies linked to Exports Distributed Output at Producer Prices E490 Total Imports c.i.f. of Similar Products E590 Total Taxes Linked to Imports of Similar Products E690 Imp VAt VAT on Imports Total Imports of Similar Products at ex-customs Prices Fin Imp Dom VAt Total Domestic VAT Final Total Resources Table of Final Uses: Final Consumption of Households F01: F02: Collective Consumption of General Government F03: Collective Consumption of Private Non-Profit Institutions F09: Final Consumption Gross Fixed Capital Formation F19: Changes in Stocks F29: Final Exports of Goods and Services F49: F89: Final Uses F99 Total Uses

1980 Input-Output Table for the European Community in current producer prices net of deductible value-added

	Interme	diate Produ	uction:							
		Saller 1	Salter 2	Salter 3	Salter 4	Salter 5	Salter 6	Salter 7	Salter 8	Saller 9
	SI	56.00					33.64			0.14
-	S2	0.00		1.00			3569.11	154.80	439.93	15.11
	S3	0.00	1.00	1565.50			802.85		98.46	3.38
	S4	2.89	3.00	1.36			737.00		67. 45	2.32
-	S 5	0.05	0,00	1.26	0.86	0.02	0.00	0.42	1.20	0.04
	S6	0.00	9.00	1.00	0.00	9.82	6330.00		767.24	26.36
	S7	1.42	6.40	4.69	3.77	0. 42	34.73	61.73	33.12	1.14
_	S8	4.03	0.00	0.21	2.43	1.20	764 .07	33.12	94 .13	3.23
	S9	0.03	3.62	0.81	0.56	0.01	6.32	0.27	0.78	
	S10									5.57
_	S11	1.22					232.03			309.24
	S12			19.98			155.66			0.00
	S13			59.76			465.66		57.13	0.00
_	S14		5848.01	1308.90			10199.00		1 25 1.28	1.81
	S15		53.32	11. 9 3			9 2.99	4.01	11.41	6.68
	S16		70.32	15.74		0.19	122,65		15.05	11.85
	S17		36.23	8.11	5. 55	0.10	63.18	2.73	7.75	6 .11
	S18	0.97	7.10	1.59	1.09	0.02	12.3 9	0.53	1.52	11.54
	S19	0.61	66.07	14.79	10.13	0.18	115.22	4.97	14.14	101.11
	S20	1.05	114.38	25.60	17.54	0.31	1 9 9, 4 8	8.61	24.47	4 1.90
	S21	25.82	2816.67	630.43	431.85	7.71	4 912. 30	21 2.0 7	602.6 7	288.92
	S22	13.93	151 9.4 0	340.07	232. 9 5	4.16	26 49 .85	114.40	325 .10	135.26
	S23	1.58	172.39	38.59	26.4 3	0.47	300.66	12.98	36.89	174.15
	S24	0.22	24.24	5.43	3.72	0.07	42.28	1.83	5.19	73.85
	S25	1.58	172.55	38.62	26.4 6	0.47	300.94	12.9 9	36.92	496 .88
	S26	0.77	83.99	18.80	12.88	0.23	146. 48	6.32	17.97	28.93
	S27	4.94	538,46	120.52	82.56	1.47	939.07	40.54	115.21	1378.13
	S28	0.03	2.85	0.64		0.01	4.97	0.21	0.61	15.16
	S29	4.97	542.19	121.35	83.13	1.48	945.59	40.8 2	116.01	902 .28
	S30	2.71	295.59	66 .16	45.32	0.81	515.52	22.26	63.25	764.77
	S31	23.11	2520.66	564.17		6.90	4396.05	189.78	539.34	1052.88
_	S32	13.66	1 490 .20	333.53	228.4 8	4.08	2598.92	112.20	318.85	764.73
	S 33		81.25	18, 18	12. 4 6	0.22	141.69	6.12	17.38	68.78
	S 34								7. KI.	ዲበጺ
_	8990	220.69	24084.82	5390.57	3693.02	65.94	42002.28	1813.12	5153 .15	7032.16

	Satter 10	Saller 11	Salter 12	Saller 13	S14	S15	S16	S17	S18
S1	0.00	0.03	71.43	56.22	75.76	11.80	2.36	1.21	0.25
S2		3.53	3450.00	7132.45	10962.00	2263.92	254.00	129.91	0 .00
S3		0.79	1769.00	1372. 4 0	1549.59	469.06	57.54	29.64	0.00
S4	0.01	0.54	610.00	940 .12	1201.84	783.61	39.41	20.30	0.00
S 5	0.00	0.01	0.00	0.00	0.00	3.22	53.98	34.99	0.08
S6	0.16	6.15	33 459 .00	11185.37	8434.78	437.49	398 .53	198.61	86.95
S7	0.01	0.27	0.00	0.00	0.00	0.00	19.35	9.97	2.08
S8	0.02	0.75	0.00	312.15	6074.00	51.28	55.00	28.34	5.91
S9	0.37	1 79 .14	1.84	3.47	42.55	10.75	19.80	10.20	2.97
S10	34.47	103.84	20.02	25.77	89 .87	30.71	29 .91	15.41	5.05
S11	11.22	48170.89	9.13	81.36	154.95	92.77	7.91	4.07	32.92
S12	0.05	0.00	2045.06	19.48	1052.27	11.39	60.40	34.59	1232.41
S13	0.00	0.40	9 9 .96	979.93	2761.42	59.36	4.00	2.60	1. 97
S14	0.87	10.06	1800.32	807.34	19127.58	1428.35	39 .67	20. 66	8.34
S15	1.71	45.43	41.05	12. 9 3	34 3.60	2068.80	13.41	6.91	5.90
S16	0.44	32.86	14.75	4.36	103 .19	24. 49	13639.04	7 02 2.03	361.67
S17		16.93	7.60	2.25	53.16	12.62	7013.52	3615.54	185.25
S18		5.56	1.80	1.77	3.85	0.01	359.35	186 .77	3078. 8 2
S19		139.92	56.49	43 .72	23 4 .39	191.47	60.50	31.16	92.77
S20		339.37	447.76	681.19	2959.03	1359. 9 2	694 .50	357 .77	357.21
S21	44.99	2098 .62	482 .67	68 2.09	2833.60	912.12	4243.7 1	2188.96	1550.36
S22	840.26	7008.78	483.34	619.27	2190 .15	738.92	719.13	370. 46	121. 48
S23	1,48	1 723.86	87.59	1 35.48	623.20	1034.87	35.13	18.10	29.23
S24		265.73	44.31	39.03	239.97	118.73	37.66	19.40	31.39
S25	26.54	1787.84	2 98 .12	262.58	1614.52	798.83	256.87	130.97	211.41
S26	0.43	150.80	14.41	14,99	33.77	13.32	7.20	3.71	2.08
S27		17 82 .52	145.56	99.34	534.56	276.85	482.29	248.45	86.73
S28		39.31	6.53	5.29	54.83	6.29	42.84	22.07	11.21
S29		6 499 .54	393.01	340.17	1315.57	403.09	906.24	4 62.10	114.86
S30		341.49	69.36	54,42	254.11	150.00	152.19	78.4 0	49 .68
S31	173.46	12796.09	3807.80	1104.82	8126.11	3069.45	3862 .27	1989.66	1168.74
S32		3658.71	1195.96	825.05	4854.17	3313.94	296 8.88	1512.81	793 .10
S33		320.61	97.04	87.2 7	412.68	163.53	330 .13	167.93	110.86
S.34		35.93	419.36	f.4 . <u>7</u> 4.	3A 32_	191.83	58.7 5	31.06	17. 5 .R.
8990	D 1350.43	87566.29	51450.27	27996.30	78341.40	20502.80	36925.49	19004.77	9759.28

ł

		S19	S20	S21	S22	S2 3	S24	S25	S26	S27
	S1	10.06	1.96	1.82	0.04	0.17	0.00	0.02	0.02	0.07
	S2	367.65	65.30	198.33	4.22	18.54	0.30	2.02	2.08	8.12
	S 3	245.50	17.95	44.39	0.94	4.15	0.07	0.45	0.47	1.82
	S4	0.00	0.00	30.41	0.65	2.84	0.05	0.31	0.32	1.24
	S5	3.00	0.58	0.54	0.01	0.05	0.00	0.01	0.01	0.02
	S6	410.55	335.81	345.88	7.36	32.33	0.52	3.51	3.63	14.16
	S7	2 486.87	26 3.65	14.93	0.32	1.40	0.02	0.15	0.16	0.61
_	S8	234.69	45.67	42.44	0.90	3.97	0.06	0.43	0. 45	1.74
	S9	5.07	55.54	148.22	4 513.05	373.35	1.27	8.56	32.16	2 3.59
	S10	31.49	63.10	451.26	832.74	215.59	7.44	50.03	57.11	84.51
-	S11	479 .75	175.94	2005.33	295.79	1022.25	2760 .96	18575.65	916 8 .67	16203.54
	S12	17.82	0.00	322.91	1.10	10.19	0.00	0. 00	0.00	0. 00
	S13	0.99	40 .23	1 48 .55	0.00	0.43	0.03	0.23	0.20	1.63
-	S14	25.65	119.65	1412.19	21.34	13.55	0.70	4.71	1.27	18.33
	S15	17.29	82.57	395 .53	42.03	25.53	3.50	23.52	34.24	71.25
	S16	729 .21	181.52	724 .50	13. 13	62.70	14.17	95 .36	565.76	1 88 .05
-	S17	374.92	93.51	373.23	6.76	32.30	7.30	49.13	291.45	96.88
	S18	167.86	52.55	20.79	4.24	9.02	3.89	26.20	103.20	106.78
	S19	101 93 .42	183.16	407.74	18.24	364.95	91.73	617.17	666. 46	928.43
	S20	470.29	24129.94	3943.45	182.13	1248.31	100.00	672 .77	571.21	2627 .10
-	S21	3369. 8 0	3820.03	57579.74	1117.67	2757.60	385.66	2849.65	7490.19	9056.58
	S22	757.9 0	1515.93	11170.75	20030.90	5250.93	204.14	1374.94	1387.31	2045.96
	S23	534.24	163.41	2506.29	61.95	9660.08	125.62	845.15	1267.51	1 625 .78
-	S24	180.91	65.09	416.48	97.83	101.37	168.84	113 5.98	167 7 .76	2284.51
	S25	1217.77	438.97	2808.94	6 58.4 5	686.01	1135. 98	7721.59	112 87 .92	15370.14
	S26	15.89	33.03	47.83	10.87	73.64	28.02	188. 4 9	21 138.93	479.6 9
_	S27	524.26	854.24	2157.45	735.68	1412.62	487.91	32 82 .66	10573.33	41123.40
	S28	25.36	55.52	70.18	14.96	48.52	8.60	57.85	1 80.40	354.27
	S29	680.75	1642.33	6 292 .61	1 48 9.96	2439.36	202.49	1401.97	1309.17	1980 .10
_	S30	1 4 6.66	248 .89	618.41	817.14	324.05	58.30	392.26	427.50	665 .33
	S31	3558.64	71 48 .69	9886.38	4334.79	6291.61	904.82	6087.61	70 42.96	12172. 4 3
	S32	2 8 73.93	6556.69	1 3975 .00	2291.50	4114.94	740.41	5206 .31	7812.56	16949.82
_	S 33	337.45	1056.94	1 324 .46	143.16	270.13	89.22	629.69	656.42	1733.79
	S . 14 .	?2_fi 7	7.1. 8.4 .	346.69	5.9 1.	168. <u>47</u>	ቢቢ	254.89	n M	L 2L
	B990	30518.31	49580.19	1 202 33.65	37755.75	37040.9 1	7532.02	51359.25	83670.80	126219.86

	S28	S29	S30	S31	S32	S33	S34	B990
S1	0.12	0.00	0. 42	0.44	16.82	4.28	0.00	353.46
S2	12.65	0.21	46.29	47.48	1834.63	466.42	0.00	38476.69
S3	2.83	0.05	10.36	10.63	410.63	104.39	0.00	8611.11
S4	1.94	0.03	7.10	7.28	281.28	71.51	0.00	5904.41
S5	0.03	0.00	0.13	0.13	5.02	1.28	0.00	1 06.9 5
S6	22.06	0.37	80.72	82.80	3341.67	849.79	0.00	67101.35
S7	0.95	0.02	3.48	3.57			0.00	2955.23
S8	2.71	0.04	9.90	10.16	392.55	99.8 0	0.00	8275.39
S9	0.86	9537.82	9.91	33.35	65.31	210.04	0.00	15632.38
S10	4.84	550.70	165.55	989.97	233.92	300.65	10.75	4626 .07
S11	1518.84	695 .73	82 01.68	1104.34	142.52	5 48 .13	3.39	112232.27
S12	24.97	0.00	1. 88	137.14	5925.51	1584.34	0.00	12786.96
S13	0.74	0.01	0.80	57.63	2679.82	9 6 6.05	0.00	8720 .75
S14	0.24	1.09	3 1.17	707.84	7586.88	1679.01	0.00	5 4882.36
S15	3.38	22.56	64.92	348.99	16892.93	623.73	0.00	21 380.8 5
S16	116.18	13.81	490 .32	1 280 .75	1299.75	831.24	0 .00	28061.81
S17	59.85	7.11	252.59	659.78	669.57	428.22	0.00	14439.77
S18	12.11	9.06	13.57	197. 4 5	276.16	192.04	0.00	4868 .77
S19	229.51	55.77	10117.59	1370.33	1027.65	1173.18	0.00	28623.59
S20	5 95 .77	285.66	1175.02	10672.66	12044.79	5791.79	264.53	72412.70
001	1164.77	3 49 .23	8638 .12	7 4 98.77	6614.60	9403.83	55.07 1	46916.89
S22	116.47	11091.83	3978.04	23787.97	5566.28	7245.05	22.67 1	13974.02
S23	1 4 4.58	80 .10	37 46 3.30	874.50	906.84	845.57	18,47	61576.47
S24	59 .16	112.02	1503.26	332.64	197.22	4 07.07	0.00	9696.96
S25	398.04	753.63	10186.15	2271.09	1330.95	2 749.2 1	29.14	6 5519.10
S26	19.88	14.71	147.75	14435.53	1367.12	10080.65		48639.11
S27	365.27	1921.29	9591.70	5924 .56	5180.10	11274.34		02311.61
S28	750.32	116.61	170.72	733.18	1784.73	671.20	0.00	5176.27
S29	139.86	7087.19	1141.56	7126.93	6859.05	5455.60		58525.99
S30	46 .27	1 960.61	19534.22	4948.44	15825.55	10860.31	0.00	59831.62
S31	1008.27	19 03.4 0	17025.95	50 992.86	20594.43	12309.10		07061.04
S32	900 .66	2432 .13	16627.96		142320.70	31296.84	92.69 3	20972.15
S33	105.14	225.20	1089.96	6681.86	10 490 .03	4799 .01	11. 82	31686.77
S.14 .	L 2I	34.37	1.1. 2.7 0	67 . 5 5.	53.55	?J.4 8	ቢበቢ	2153.09
B990	7829.46	39262.33	147895.79	185096.96	27421B.57	1233 45 .16	582 .19	#########

-	F01	F02	F03	F09	F19	F29	F42	F89	F99
S1	78.2	7 0.0	0 0.00) 78.2	7 1.7	8 2.67	· 11.93	94.66	448.12
_ S2	8537.4	5 0.0	0.00) 8537.4!	5 194.4	5 382.08	1301.31	10415.29	48891.99
S 3	1910.8	5 0.0	0.00) 1910.8	5 43.5	z 86. 15	5 291.26	i 2331.78	10942.89
S 4	1308.9	6 0.0	0.00	1308.96	5 29.8	1 53.74	l 199.52	1592.03	7496.45
_ S5	23.3	7 0.0	0 0.00) 23.37	7 0.53	3 -0.57	3.56	26.90	
S6	14889.4	D 0.0	0.00) 14889 .40	339 .13	3 666.85	2269.51		
S7	642.79		0.00	642.79	9 14.6	4 -29.77	97.98		
_ S8	1826.73		0 0.00	1826.73	3 41.61	38.8 9			
S 9	1 46 8.98			1468.98	B 0.00) 656.99			17862.41
S 10	2483.58								7882.09
_ S11	137.48						1 7662.39		131593.19
S12	53250.54					i -1960.75			67659.34
S 13	24234.76								35 408.89
_\$14	67446.47			67446.47			7630.74		129176.31
S15	34197.64			34197.64			3462.04	38802.84	60183.69
S 16	33432.55			33432.55			6538.9 0	42643.30	70705.11
S 17	1 7259 .09			17259.09			3327.88	21973.13	36412.91
S16	11655.02		. –	11655.02			2655.56	15 252.65	20121.42
S19	20072.96			20072.96			2359.86	30152.24	58775.83
S20	1 6865 .91			16865.91	47.06		4342.82	22047.50	9 4460 .20
\$21 .	29.162_97	n. na		29162_97	47.1.43			F1723.49	2 118641.3 9
S 22	58984.87			58984.87			14126.05	78456.88	192430.90
S23	4689 .69			4689.69	764.43		5565 <i>.</i> 92	12701.53	74278.00
S24	735.48			735. 48	3010.90		1484.87	5558.33	15255.29
S25	5035.15			5035.15	20455.79	2 860 .79	11074.97	39426.69	104945.79
S26	2 9096 .36			29096.36	38825.86		30885.56	104033.47	152672.58
SZ7	17575.45				80641186		53AJ R VI.		267698.73
S28	8868.00			8868.00		-1566.45	46 18.70	12373.16	17549.43
S29	27066.43			27066.43	170.27		346 .02	2 8896 .55	87422.54
S30	12330.87				238432.88	475.17	3764.72	255206.95	315038.57
S31	277678.61	0.00		277678.61	14424.45		43902.99		567226.51
S32	396289.41		149.11	397033.61	17363.14	9299.71	17492.16	441188.62	762160.77
S33		373444.13		415077.58	1207.34	2665.52	2778.52	421728.96	453415.73
S34	1.35	0.00		1.35	0.00	-819.53	0.00	-818.18	1334.91
8990							288604.27	2367138.65 4	
	0.84	0.00 0.	UU	0.84	0.01 0	. 16		0.00	-D. 44

.

37

-

.

Interme	ediate Impl	orts									_
	Saller 1	Salter	2 3		Saiter 4	Salter 5		alter 6 Salter			
S1		1.92	1.9	92 0		0.66	0.01		0.32	0. 92	0.11
S2		0.00	302.1			0.00	0.57		15. 75	44.77	5.22
S3		0.18	0.0		. 33	3.05	0.05		1.50	4.26	0.50
S4		0.36	9.6	52 0	.96 4	4.25	0.11		2. 98	8.48	0.99
S5		0.15	8.0	0 0	.00	0.00	0.04	0.00	1.23	3.49	0.41
S6		0.22	0.0	0 0	.96	0.00	0.07	65.41	0.00	5.11	0.60
S7	1	D. 62	67 .1	3 15	.02 1	0.29	0.18	320.30	6.73	14.36	1.67
S8	1	D. 31	33.9	87.	60	5.21	0.09	59.26	2.56	7.27	0. 85
S9	l	D. 00	0.0			0.01	0.00		0.00	0.01	167.75
S10	(). 05	5.7			0.88	0.02	10.00	0.43	1.23	0.62
S11	(). 0 8	8.8	21.	97	1.35	0.02	15.38	0.66	1.89	15. 65
S12	(). 00	0.3	6 0 .	08 0	0.05	0.00	0.62	0.03	0.08	0.00
S13	().00	0.0	4 0.	01 👘	0.01	0.00		0.00	0.01	0.00
S14	2	2.12	230.0	3 51 .	66 3!	5.39	0.63	402.56	17.38	49.39	0.00
S15	().01	1.4	0 0 .	31 (D.21	0.00	2.43	0.11	0.30	0.12
S16	C). 07	7.1	1 1.	59	1.09	0.02	12.40	0.54	1.52	3.08
S17	0). 03	3.6				0.01	6.39	0.28	0.78	1.58
S18	C	.00	0.3				0.00	0.63	0.03	0.08	4.31
S19	0	1.06	6.4	31.	44 ().99	0.02	11.21	0. 48	1.38	9.42
S20	0	1.02	2.5	3 0 .9	57 (). 39	0.01	4.41	0.1 9	0.54	4.51
S21	2	77	301.9	3 67.			0.83	526 .57	22.73	64.60	12.71
S22	1	.27	138.1		92 21	.18	D. 38	240.93	10.40	29.56	15.07
S23		1,16	17.2				D. 05	30.02	1.30	3.68	3.60
701		.01	0.8				D.00	1.40	0.0 6	0.17	1.40
പ്പുള്ള		.09	9.6				D. 03	16.83	0.73	2.06	9.43
S26		.06	6.6				0.02	11.64	0.50	1.43	2.39
S27		.22	24.0				0.07	41.95	1.81	5.15	69.33
S28		.00	0.1				0.00	0.25	0.01	0.03	0.24
S29		.04	3.9				0.01	6.9 0	0.30	0.85	5.31
S30		.09	10.0				0.03	1 7. 48	0.75	2.14	112.36
S31		.24	25.8				0.07	45.00	1.94	5.52	8 .50
S32		.27	29.7				0.08	51.83	2.24	6.36	15.84
S33		.00	0.1				0.00	0.19	0.01	0.02	0.14
S34		. 03	3.2				0.01	5.67	0.24	0.70	0.83
8990	11	.49 1	253,1	6 280 .	48 192	. 13	3.43	2185.52	94,35 2	268.13	474.52

.

_				lter 12 Sal						dter 18
	S1	0.00		= .	6.92			13.03		
	S2	0.00	D 1.34	635 .78	336 .01	1 6212.61	716.58	6 68 .49		
	S3	0.00	0.13	62.52	31.94	4 507.86	57.10	56.75		
	S4	0.00	D 0.25	128.89	63.6	l 1013.79	113.73	116.38	61.69	
	S5	0.00		0.00	8.66	6 0.00		29 5.29	368.39	
	S6	0.00		270.28	55.79	554.03	0.00	0.00	37.17	
	S7	0.00		168.32	107.79	265.47	192.72	0.00	66.3 7	
	S8	0.00		114.40	54.56	6 869.52	97.55	102.71	52.91	12.02
	S9	1.02		0.00	0.35		1.06	1.79	0.92	0. 29
	S10	123.18		1.66	2.18	9.16	2.62	2.90	1.50	0. 43
	S11	0.73		7.41	3.30	89.33	17. 40	0.5 6	0.29	0.37
	S12	0.00		428.35	0.11	10 9 .04	0.06	4.95	2.55	3 52.25
	S13	0.00		0.56	115.99	68.16	9.51	0.01	0.00	0.00
	S14	0.16		220.92	81.68	· 3445.85	99.67	1.98	0.99	1.18
	S15	0.02	0.73	2.08	0.53	13. 56	80.24	0.11	0.06	0.06
	S16	0.11	3.43	0.59	0.30	11.78	5.09	1961.43	1018.76	22.50
	S17	0.06		0.30	0.15	6.07	2.62	1014.72	523.60	10. 90
	S18	0.03	0.14	0.01	0.00	0.38	0.00	101.20	52.41	730.33
	S19	0.02	8.05	0. 50	0.74	4.48	24.97	2.03	1.05	6.52
	S20	0 . 10	6.07	14.00	23.03	83.57	55.04	21.25	10.95	6.07
	S21 .	૧૧૧	1 <i>4</i> 7. 96.	40.59	31,91.	21 1, 17,	73.15	536 70	27.R. F.N.	1.32_R7.
	S22	295 7.70	476.43	40.06	52.46	220.45	62.97	69.70	35.90	10.37
	S23	0.02	205.05	3.57	3.02	25.64	38 .71	4.54	2.34	0.62
	724	0.05	11.61	1.99	1.41	7.04	3.71	3.50	1.80	3.42
	S25	0.81	78.12	13.37	9.52	47.38	24.98	25.12	12.33	23 .13
	S26	0.11	5.60	0.07	0.12	0.28	0.37	0.05	0.02	0.02
	S27	້ 2.13	179.16	16.24	6.5Y	38.U4	54.56	<u>ዓ</u> ም በ	2ሆ. ነሆ	2.39
	S28	0.10	0.63	0.15	0.11	2 .50	0.19	8.08	4.16	4.20
	S29	0.30	59.87	4.19	2.41	10. 58	2.02	8.36	4.11	1.17
	S30	14.91	2.73	1.16	0.44	0.79	1.28	0.50	0.26	0.76
	S31	8.44	644.64	46.43	22.94	118.86	48 .77	1 38.4 0	71.30	47.43
	S32	7.34	271.66	40.00	27.00	119.38	86.64	212.92	108.67	50.68
_	S33	0.01	0.36	0.08	0.03	0.40	0. 26	0.30	0.15	0.02
	S34	1.08	3.29	38.36	5.88	2.77	17.55	5.37	2.84	1.61
	B990	3127.95	15228.53	2311.75	1056.57	14188.04	1883.14	5437.93	2800.90	1556.16

	Salter 19 Salt	er 20 Sal	ter 21 Sa	iter 22 Sal	ier 23 Saitu	er 24 Salke	er 25 Sali		iter 2 7
S 1	0.00	0.00	7.12	2 0.01	0.04	0.00	0.02	0.0	6 O.O9
S2	0.00	0.00	345.72	2 0.55	2.07	0.11	0.73	2,98	3 4.25
S 3	0.00	0.00	32.88	6 0.05	0.20	0.01	0.07	0.28	
S4	0.00	0.00	65.45	5 0.10	0.39	0.02	0.14	0.56	
S5	0.00	0.00	26.97	0.04	0.16	0.01	0.06	0.23	
S6	0.00	0.00	39.43	B 0.06	0.24	0.01	0.08	0.34	
S7	975.32	89.45	110.91	0.18	0.67	0.03	0.23	0.98	
S8	0.00	0.00	56.14	0.09	0.34	0.02	0.12	0.48	
S9	0.61	7.49	31.20	988.97	85.64	0.27	1.83	3.44	2.26
S10	2.25	6.74	117.99	73172.00	24.17	0.93	6.27	5.66	8.96
S11	28.55	21.06	862.97	20.32	115.14	373.97	2516.09	1016.27	2932.88
S12	4.44	0.00	48.04	0.00	0.00	0.00	0.00	0.00	
S13	0.03	0.03	3. 97	0.00	0.00	0.00	0.02	0.02	0.09
S14	0.44	3.19	309.12	3.82	1.83	0.04	0.24	0.08	0.47
S15	0.04	1.78	7.93	0.59	0.51	0.04	0.24	0.50	0.60
S16	78.53	18.72	1 15. 80	3.34	5.50	1.86	12.51	53.41	19.76
S17	40.11	9.65	59.65	1.72	2.83	0. 96	6.44	27.52	10.18
S18	18.68	2.19	3. 50	1.99	0.38	0.58	3.91	4.54	8.64
S19	3509.84	25.30	24.57	0.96	23.40	13.83	9 3.08	75.70	102.17
S20	37.10	6247.66	326.66	3.32	45.33	4.38	29.46	31.51	127.56
S2J.	1 5A.59	364.7R	7.9.92_44	241.23	2 1 .1. RL	7 <u>7_74</u> .	190.98	435.23	55A AS
S22	5 3 .95	161.70	2835.90	749.28	584.66	22.58	152.07	135.87	215.09
S23	19.30	28.61	915. 8 5	1.71	1106.61	8.69	58. 46	71.12	117. 46
724	12.53	3.66	14.89	1.35	2.88	8. 49	57.10	44.20	74.28
S25	84.56	25.11	103.27	9.18	21.19	57.10	419.62	297.35	499.76
S26	0.71	0. 26	3.37	2.72	2.66	0.89	6.01	3583.06	52.66
527	58.11	ሃበ∷ነሄ	1 87 .99	58.16	15.45	48.74	327.89	1218.64	/32 <u>4.</u> 38
S28	1. 21	11.11	4.55	2.51	1.28	2.40	16.1 6	4.13	129.85
S29	6.01	14.82	61.02	7.09	23.48	1.72	13.25	9.27	14.85
S30	9 .53	8.76	11.05	377.65	6.57	0.44	2.99	7.62	13.72
S31	82.90	142.44	351.13	20 7. 33	143.68	22.24	149.61	173.38	470.65
S32	77.02	140.02	1048.23	174.06	165.70	34.51	245.94	480.82	1254.06
S33	0.43	1. 02	0.91	0.18	0.51	0.04	0.28	0.33	0.81
S34	2.07	6.57	31.71	0.54	15.41	0.00	23.31	0.00	0.02
B990	5254.41	7433.19	16158.32	76030.15	2658.74	627.16	4335.19	7685.58	13945.20

•

l

-				20 0-1		- 20 5-8	er 33 Sailer	24 Tob	al Int. Check	
	81		er 29 Sall 0.00	er 30 Sal 0.07	ter 31 Salta 0.60	9.07	2.17	0.00	199.68	-0.11
	S1 S2	0.27		3.42	28.92	55.79	9.62	0.00	9 695.98	-0.10
	52 S3	13.07	0.02	0.33		41.87	10.02	0.00	921.60	-0.36
	35 S4	1.24	0.00		2.75 5.47	83.39	19.95	0.00	1835.52	-0.02
	55 55	2.47	0.00 0.00	0.65	5.47 2.26	34.37	8.22	0.00	756.48	1.04
	35 S6	1.02 1. 4 9	0.00	0.27 0.39	2.26 3.30	50.24	12.02	0.00	1105.92	0.41
	30 S7	4.19	0.00	0.39 1.10	5.30 9.28	50.24 526.13	12.02	0.00	3110.39	0.45
	S8	2.12	0.00	0.56	9.20 4.70	71.52	17.11	0.00	1574.40	0.52
_	S9	0.01	1 456.8 1	1.61	5.98	10.38	22.71	0.00	2971.01	0. 00
	S10	0.64	103.86	12.10	131.25	22.67	26.47	1.71	73824.13	0.19
	S11	1697.91	511.24	979.22	76.74	27.16	75.44		24351.50	0.13
_	S12	1.70	0.00	0.00	24.25	203.82	27.36	0.00	1208.15	0.00
	S13	0.00	0.00	0.00	6.12	33.27	8.80	0.00	246.77	0.00
	S14	0.06	0.00	0.80	93 .71	522.88	72.91	0.00	5651.93	0.00
_	S15	0.00	0.02	0.60	12.99	311.89	16.18	0.00	456.45	0.00
	S16	12.59	1.66	27.67	23.11	1 18.48	69.03	0.00	3633.37	0.00
	S17	6.49	0.85	14.26	23.11 11.90	61.03	35.56	0.00	1863.46	0.00
-	S18	1.29	0.03	1.67	15.12	9 .20	9.55	0.00	971.29	0.00
	S19	24.04	8.24	1947.98	45.56	53.31	61.63	0.00	6089.37	0.00
	S20	46 .10	6.66	112.11	299.73	407.96	260.55	34.03	6253.38	-0.01
-	S2J.	122.53	16.92	427. S.L.	340.00	537.RI.	543.7R		4687.16	1.00
	S22	15.45	2149.46	290.52	3151. 4 9	534.30	627.41		16095.65	-0.02
	S23	11.46	0.83	1103.84	40.67	83.51	15.96	0.36	3930.46	0.00
_	24	2.74	1.23	86.91	12.47	13.65	33.28	0.00	408.34	0.00
	825	18.44	8.25	617.25	98.81	93.85	228.65	13.12	2872.53	0.00
	S26	0.32	0.69	21.31	1368.13	90.85	1086.95	0.00	6252.45	0.02
-	527	45.21	136.93	1085.62	547.84	15.22	1275.05		3680.19	U.US
	S28	584.51	0.99	16.68	342.68	181.77	119.40	0.00	1440.10	0.00
	S29	0.83	118.49	7.02	52.44	41.75	52.44	2.22	538.60	0.00
-	S30	0.76	50.94	517.31	117.35	325.05	278.06	0.00	1897.29	0.00
	S31	25.07	42.24	320.14	8445.46	795.10	575.75		3191.11	0.00
	S32	45.78	44.85	1141.90	1452.99	1495.38	1738.91		0587.55	D. 12
	833	0.05	0.31	1.87	49.18	12.23	566.01	0.01	636.29	0.00
	S34	0.02	3.14	1 0.4 0	6.18	4.90	1.96	0.00	196.94	0.00
	B990	2693.87	4664.95	8753.48	16829.44	7574.45	8036.52	100.65 23		0.22

Final	imports:					
	Final: F01 Final: F02	Final : Fl	03 Final	l : FO9 Fina	l : F19 Final	: F29
S 1	58.91	0.00	0.00	58.91	0.81	0.41
S2	2860 .36	0.00	0.00	2860.36	39.32	19.80
S 3	271.88	0.00	0.00	271.88	3.74	1.88
S4	541.49	0.00	0.00	541.49	7.44	3.75
S 5	223.16	0.00	0.00	223.16	3.07	1.54
S6	326.25	0.00	0.00	326.25	4.48	2.26
S 7	917.58	0.00	0.00	917.58	12.61	6.35
S8	464.45	0.00	0.00	464.45	6.38	3.22
S9	258.64	0.00	0.00	258.64	0.00	79.54
S10	0.00	0.00	0.00	0.00	0.00	11.13
S11	50.18	0.00	0.00	50.18	8.71	823.42
S12	2036.10	0.00	0.00	2036.10	0.00	2.32
S13	385.10	0.00	0.00	385 . 10	0.01	1.16
S14	3738.08	0.00	0.00	3738.08	3.54	57.02
S15	616.01	0.00	0.00	616.01	0.00	2.68
S16	5935 .32	0.00	0.00	5935.32	44.16	51.00
S17	3064.05	0.00	0.00	3064.05	22.75	26.2 7
S18	1776.86	0.00	0.00	1776.86	3.37	106.29
S19	12 6 7.73	0.00	0.00	1267.73	236.08	23.87
S20	664.70	0.00	0.00	664.70	1,40	45.13
S21	1719.30	0.00	0.00	1719.30	8.55	24.21
S22	5024.88	0.00	0.00	5024.88	0.00	269.80
S23	427.13	0.00	0.00	427.13	23.86	1 98.4 8
324	102.02	0.00	0.00	102.02	64.37	-0.41
S25	727.05	0.00	0.00	727.05	526.00	-2 .77
S26	4322.26	0.00	0.00	4322.26	4624.86	-87.72
S27	4538.50	0.00	0.00	4538.50	13424.48	-74.29
S28	3459.58	0.00	0.00	3459.58	222.82	13 9 .91
S29	170.70	0.00	0.00	170.70	0.00	0.00
S30	1.92	5.28	0.00	7.20	416.17	0.00
S31	2210.70	0.00	0.00	2210.70	42.75	-1.71
S32		28.03	0.12	2379.91	17.57	-0.43
S33	13.83	3.18	0.00	17.00	5.07	-4.71
S34	0.13	0.00	0.00	0.13	0.00	0.00
8990	50527.00	36.48	0.12	50563.00	19774.39	1729.75

.

•••

Primary	/ Inputs	-																	
	Saller	1	Salte	72	Saller	3	Salter	4	Saller	5	Salt	er 6	Salter	7	Salte	ii 8	Salle	er 9	
E010		59	. 16	6452	.72	1444	1.24	989	.33	17.	67	11253	.61	485.	.83	1 380 .	.67	9579.53	3
E020		49	.68	5419	.31	1212	. 95	830	.89	14.	84	9451	34	408.	.03	0.	.00	0. 0 ()
E030		61	.09	6663	.45	1491	.41	1021.	.64	18.	24	11621	.12	501.	.70	2585.	.31	803.78	3
E070		16 9	. 93 1	8535	. 48	4148	.60	2841.	.85	50.	75	32326	.08	1 395 .	55	3965 .	98	10383.30)
E080		54	.84	5981	.62	13 38	.80	917.	10	1 6 .	38	10432.	01	450 .	36	1 279 .	.B7	1050.38	5
E090		224.	.77 2	4517	.05	5487	.39	3758.	95	67 .	12	42758.	01 1	1845.	91	5245 .	84	11433.68	ł
Freight		Ø.	.46	49	.70	11	. 12	7.	62	O.	14	86.	68	З.	74	10.		18.82	
Duly		0.	89	97.	.46	21	.81	14.	94	0.	27	169.	97	7.	34	20.	85	11.53	1
Tot E11	1-C	1.	14	124	.71	27.	.91	19 .	12	0.1	34	217.	49	9.	39	26 .	68	32.67	,
E112		-2 .	00	-218 .	39	-48.	.88	-33.	48	-0.(60	-380 .	88	-16.	44	-46.	73	-1047.82	н. Н
E180		165 .	89 1	8094.	78 4	10 49 .	.96 2	2774.:	29	49 .	54	31557.	50 1	362.3	37	3871.	68	9363.47	
E190		225 .	26 2	4570.	53 5	i499 .	36 3	3767 .	14	67.2	27	42851.	27 1	849.9	94	5257.2	28 1	0448.88	
E290		457.	44 4	9908.	51 11	170.	41 7	7652.3	30	136.0	64	87039 .(98 3	757.4	41 1	0678.5	56 1	7955.56	
l Addition	al Infor	matio	DN																
E390		-3.	10	-338.	62	-75.	79	-51.9	32	-0.9	33	-590.	55	-25.4	19	-72.4	15	-34.89	
E410		-6.3	21	-677.	87 -	151.		103.9		-1.8		-1182.2	22	-51.0	14	-145.0		-58.26	
E 490		448.	12 4	3 892 .	03 10	942.9	90 7	496.4	15	133.8	6 (85266.3	11 30	6 80 .8	8 1	0461.0	6 1	7862.41	
E590	4	280.1	84 13	3 636 . (71 1	296 .	16 2	581.5	52 10)63.9	13	1555.4	10 4	374.5	5	2214.2	8	3460.76	
E690		7.0]2	766 .	13	171.4	47	117.4	6	2 . 1	0	13 36 .1	4	57.6	8	163.9	3	11.59	
impvat		29.7	72 1	442.9	93	137 . '	15	273.1	6 1	12.5	8	164.5	i 8 4	462.8	8	234.3	0	26.57	
FinlMp		310.5	55 19	5079.6	65 I-	433.3	31 2	854.6	8 11	76.5	1	1719.9	8 48	337.4	3 2	2448.5	8	3487.33	
Dom.Va	ł	2.4	13	264.6	63	59.2		40.5		0.7	2	461.5	2	19.9	2	56.6	2	86.89	
5980	7	760.0	17 64	1110.4	45 124	407.3	35 10	372.0	7 13	10.7	58	87230.2	3 85	;29 .0	1 12	2939.5	4 2	1403.97	
Row Fina	al 7	'60 .0	17 64	1110.4		407.3		372.0		10.7		17230.2		529.0		2939.5		1403.97	

Primary In	puts:								
Sa	olter 10 Sa	oller 11 Sa	lter 12 Sa	ller 13 Sa	lter 14 Sa	ller 15 Sa	lter 16 Sa	Ner 17 Sa	iter 18
E010	314.00	D 23 964 .28	6035.51	8498.62	20874.54	22014. 64	20452.13	10540.40	5731.75
E020	0.00	D 0.00	0.00	0.00	0.00	0.00	0. 0 0	0.00	0.00
E030	229 1.98	B - 94 9.81	5943.69	3908.09	9432.21	5951.18	4171.22	2146 .13	1592.30
E070	2605.98	B 23014.46	11979.20	12406.71	30106.76	27965.82	24623.35	12 686 .53	7324.04
E080	344.80) 5386.29	791.27	2362.57	4555.20	7363.71	2338.50	1204.68	536.11
E090	2950.78	3 28400.76	12770.47	14769.28	34660.96	35329.53	2696 1.85	13891.21	7860.15
Freight	124.05		91.68	41.90	562.70	74.69	215.67	111.08	61.72
Duty	37.42	2 164.70	144.45	69.5 3	1421.51	232.75		164.74	182. 81
Tot E111-			-960.59	-603.59	-573.08	651.17	255.9 8	131.87	-48.65
E112	186.90	-	-132.72	-8693.07	41.93	1530.63	576.00	301.94	93.36
E180	3306.55		10752. 4 9	3041.17	29435.85	301 82.78	24897.73	12833.0 9	7267.15
E1 90	3413.21		11913.29	5584.06	36114.02	37818.76	28329.27	14600.84	8149.39
E290	7891.59	133862.63	65675.31	34636.93	128643.46	60204 .71	70692.69	36406 .51	19464.83
	Information								
E390	-1.87		28.48	26 0.54	510.24	-13. 50	37.45	19.29	129.86
E410	-7.63	-2120.34	1955.54	511.42	21.62	-7.52	-25.03	-12.90	526.73
E 490	7882 .09	131593.19	67659.34	35408.89	129175.31	60183.69	70705.11	36412.91	20121.42
E 590	76786 .00	271 36 .57	3408.51	662.56	10156.66	11 22.06	101 86.88	5245.64	2957.57
E690		301.02	315.40	67.46	503.98	754.65	586.36	302.06	163. 98
impvat	843.00	337,75	416.11	80.93	715.99	893.06	1353.87	697.45	415.43
FinIMp	77629 .00	27474.32	3824.61	743.49	10872.65	2015.12	11540.75	5943.09	3373.00
Dom. Vat	387.04	97.25	2390.31	832.61	3559.71	4768.00	3673.91	1 892 .62	1423.68
?80	85784.00	158572.07	74769.63	37574.65	44164.95	66314.03	85663.51	44117.06	24966.07
Row Final	85784.00	158572.07	74769.63	37574.65	44164.95	66314.03			24966.07

and a star a star a star

. .

.

	Primary	/ Inpi	nts:																	
	•	•	er 19	Sat	ter 20	Sa	iter 21	Sa	lter 22	Sal	ler 23	Salte	r 24	Salt	er 25	Salt			ler 27	
	E010		15770	6.50	2453	3.68	4775	1.85	5 7 4 44	1.30	22009	9.90	5206	.26	36041	.01	5218 3			4.94
	E020		(D.00	l	0.00). OC).00	(). 00	0	.00	-	.00).00). 00
	E030		410			_					4833		1072		7328			5. 89	12486	
	E070		19882								26843		6278		43369				107881	
	E080		2020		375!						5779		580		3906	•	7074		10176	
	E090		21908		35461						32622		6 859		47275				118057	
	Freight			8.39		4.80).84				5.45	24		171		304			3.07
	Duty			3.41). 89						2.60		70		.45	294		. –	2.23
	TotE11	1-0		5.47		7.65						i. 38	5 5.		371.		1032		986	
	E112			7.39		8.58						.28	171.		1530.		1419		3093	
	E1 80		20413		32837	-	60668				28376		6469 .		45031.				111772	
	E190		23090		37283		-		-		34485		7123 .		49435 .				123272	
	E290		5 886 2	2.99	94296	6.63	209346	.44	193985	.58	74185	.17	15282.	59	105129.	46 1	53569	.27	263437	.23
-	Addition	nəi in	tormal	tio n																
	E390			2.03	14	1.70	-158	.50	-154	.28	-10	.01	-6 .	16	-41.	44	-161	03	-13	.49
	E410		-25	i.13	148	.87	-547	.55	-1400.	.40	102	.84	-21.		-142.3	24	-735	66	-1725.	
_	E490		58775	. 83	94460	. 20	208640	. 39	192430	90	74278	.00 1	5255.5	29 1	04945.	79 1	5 2672 .	58 :	261698.	73
	E590		7965	5. 20	9349	.48	17840	. 32	22572.	00	61 6 3.	25	611.(85	4380.3	32	16404.	25	34066.	07
	E690		133	.54	249	.60	822	.58	928 .	00	109.	60	27.3	36	184.1	B 0	859.	56	1880 .	.04
	impval		343	.91	335	.34	1068	.12	1173 .	00	1 90 .	97	54.0)1	363.4	40	1 996 .	32	3177.	25
	FinlMp		8309	.11	9684	.82	18908	.44	23745.	00	6354.	22	665.8	36	4743.7	72	18 400 .	57	37243.	31
	Dom. Va	t	3121	.26	2114	.61	3887	. 48	9435.	12	871.	90	159.1	11	1070.4	18	7847.	26	4324.	50
	780		70075	. 20	1 0580 1	.54	2292 9 7	65	222844.	00	80788.	70 1	6025 .(13 1	10388.3	19 1 7	77888 .	15 3	80228 0.	52
	Row Fin	əl	70075	.20	105801	.54	229297	65	222844.	00	80788 .	70 1	6025.0)3 1	10388.3	39 17	7 7888 .	15 3	102280 .	52

Primary	Input	s :													
	Salter	28	Saller	29	Sal	ler 30	Sal	ter 31	S٤				Salter	34	Totals
E010		4785	.74 1	6643	.91	100740	1. 28	217537	. 4 0	549364	.53	306189	. 82	0.00	1651 4 92.66
E020		0	.00	0	.00	0	00.00	0.	.00	0	.00	0	.00	0.00	0.00
E030		1060	.20	7358	.05	44516	.69	96201	.29	-225155	. 98	6906	.72	0.00	108135.84
E070		5845	.95 2	4001	.96	145256	. 9 7	313738	.74	324208	.17	313096	.54	0.00	175 9628.18
E080		511	.56 1	2563	. 48	7686	.98	37601	91	106049	. 19	23817	.71	0.00	287 592 .18
E090		6357	.50 3	6565	. 45	152944	.22	351340	26	430257	. 37	336914	.24	0.00	2047219.10
Freight		1 06 .	.84	185	.01	347	. 16	667 .	46	300.	. 40	318	.73	3.99	9325.47
Duty		74 .	.73	40.	.55	203	. 17	313.	18	408.	55	262	.55	0.00	73 49.4 8
Tot E11	1-C	50 .	27	1 558 .	.31	1253	.23	5169 .	98	10779.	82	2299	.22	0.00	29780.47
E112		169 .	51	2242.	14	2 88 8	.07	6271 .	09	9464 .	72	10008.	02	64 8.08	38323.44
E1 80		6018 .	18 2	7811 .	31	148114	.65	322405.	92	336941.	84	315957.	05	648.08	1812995.71
E190		6758.	85 4	D 591 .	45	157635	85	363761.	96	451210.	86	3 49802 .	77	652.07	2131 997.94
E290	1	7282.	1 9 8-	4518.	73	31 4285 .	13	56568 8 .	36	733003.	87	481184 .	45 1	334.91	4111627.21
Addition	al Info	mati	nn												
E390		133.		2 9 5.	32	563.	45	-82.9	96	1283.9	55	-1224.	36	0.00	4.33
E410		133.		2608.		189.		1621.4				-26544.		0.00	0.00
E490	13	7549.						567226.0		762160.2				334.91	4111631.54
E590		7169.8		730.0		2396.		16083.0		13415.3		820.	-	204.88	328300.00
E690		180.2		7.1			00	2.5		13.7		0.0		0.00	11026.00
impvat		792.2		25.			00	58.1		163.1		0.0		0.00	18379.00
FiniMp	-	7962.(756.2		2 396 .3		16141.1		13578.5		820.2		204.88	346679.00
Dom. Vat		1 40 1.4		983.7		1205.3		16783.5						_	
		586 2.8						10703.0 59 498 0.5		17220.0		330.2 (E2265 0		0.00	92773.71
										782174.8					4521192.00
Row Fina	H 20	6 86 2.€	10 93	003.7	33	17 300.3	5U C	594980.5	U	782174.8)Z 4	102200. I	1 13	539.79	4521192.00

		Salter 1	Salter	2	Saller 3	Saiter	4	Salter 5	1	S alter 6		Salter 7		Salter 8		Sailer 9	
-	S1		-1.00	-0.	44	-0.10	-0	.07	0 .1	00	O.	.00	-0.	03	-0	.09	0.00
	S2		-0.44	-159.	00	0.00	0	.00	-0.	13 -1	00.	.00	-3	60 ·	-10		-0.51
	S 3		-0.10	0 .1	- 00	34.50	-0	.64	-0,	03 -	17.	.15	-0.	81	-2		-0.11
-	S4		-0.07	0,0	00	-0.64	-23	.00	-0.	02 -	·12	.00	-0.	55	-1	.57	-0.08
	S5		0.00	-0.	13	-0.03	-0	.D2	0.1	00	-0.	.23	-0.	01	-0	.03	0.00
	S6		0.00	D .1	D O	0.00	0	.00	-0.3	23 -1	29.	.00			·17		-0.89
-	S 7		-0.03	-3.6	60	-0.31	-0,	.23	-0.(01	-6.	.27		27			-0.04
	S8		-0.09	0.0	D O	-0.79	-0.	.57	-0,(03 -	21.	.00		77			-0.11
	S9		0.00	0.0		0.00	0.	00	0.1	00	0.	.00		00		.00	1.68
-	S10		0.07	7.5	56	1.69	1.	16	0.1	J2	13.	18		57		.62	0.71
	S1 1		0.00	0,1	17	0.04	O.	03	0.0)0	O.	29	Ũ.	01	0	.04	0.38
	S12		0.00	-0.4	10	-0. U9	-0.	06	0.0)0	-0.	69	-0.	03	-0.	.09	0.00
_	S13		-0.26	-28.4		-6.3 6	-4.	35	-0.(- 80	4 9.	53	-2.		-6.		0.00
	S14		0.32	35.0		7.84	5.	37	0.1	0	61.	80	2.				0.01
	S15		0.12	13.0	15	2.92	2.	00	0.0)4 :	22.	76	0.9	98	2.		1.79
_	S16		0.00	0.3		0.09	Û.	06	0.0	10	0.	68	0.0				0.04
	S17		0.00	0.2		0.04	0.	03	0.0)0	0.	35	0.1				0.02
	S18		0.00	0.0	5	0.01	0 .1	D1	0 . 0	0	0.1	80	0.1		0.		0.02
	S19		0.00	0,1	9	0.04	0.1	03	0.0	0	8.3	32	0.1		Ø.	-	0.33
	S20		0.00	0.2		0.05	0.0	04	0.0	0	0.	41	0.0				0. 07
	S21		0.17	18.7		4.20	2.8	38	0.0	5 3	32.		1.4		4.		0. 85
	S22		1. 6 6	181.3		10.59	27 .(B1	0.5	i 0 3 1	16.3	31 1	13.6		38 .		7.05
	S23		0.00	0.5		0.11	0.0	38	0.0	0	0.1	89	0.0		O.		U. 42
	<u>\$24</u>		0.00	0.1		0.03	0 .1		0.0		0.5	22	0.0		O.		0.11
	25ت		0.01	0. B		0.19	0.1		0.0		1.4		0.0		0.		0.74
	S26		0.01	0.9		0.21	0 .1		0.0		1.0		0.0		0.1		D. 2 7
	S27		0.03	3.1		0.71	0.4		0.0		5.		Q.2		0.		1.95
	S28		0.00	0.0		0.00	0.0		0.0		0.1		0.0		0.		0.01
	S29		0. 06	6.3		1. 42	0.9		0.0		11.(0.4				8.91
	S30		0. 02	2.7		0.60	0 .4		0.0		4.7		0.2		0.1		6.06
	S31		-0.02	-2.6		0.58	-0 .		-0,0		-4,		-0.2		-0.		4.39
	S 3 2		0.43	47.3		0. 60	7.5		0.1		32 .!		3.5		10.		7.31
	S33		0.01	D.7		0.16	0.		0 .1		1.5		0.0		0.		0.10
	S34		0.00	0.0		0.00	0.0		0.0	0	0.0	00	0.0		0.1		0.00
	R a 80		1.14	124.7	1 2	27.91	19.	12	0.3	4 2	17.	49	9.3	39 5	26.	68 3	2.67

	Salter 10	Salle	er 11	Salter	12	Saller	13	Salter	14	Saller	15	Salter	16	Saller	17	Salter	18
81		0.00	0	.00	-2	.57	-1	.66	-1	.98	-0	.20	-0.	.06		.03	-0.01
S2		0.00	-0	.08	-180	00	-181	.55	-206	.00	-22	.08	-6	.00	-3	.09	-0.60
S 3		0.00	-0	.02	-44	00	- 40	.64	-48	.41	-4	.94	-1.	.34	-0	.69	-0.14
S4		0.00	-0	.01	-30	00	-27	.84	-33	. 16	-3	. 39	-0	.92	-0	.47	-0.0 9
S 5		0.00	0	.00	-0.	.77	-0	.50	-0	.59	-0	.06	-0.	.02	-0	.01	0.00
S6	-	0.01	-0	. 15	-621.	00	-316	.63	-377	.22	-38	.51	-10	.47		.39	-1.05
S 7		0.00	-0	.01	-21.	10	-13	.67	-16	.29	-1	.66	-0.	.45	-0.	.23	-0.05
S8		0.00	-0	.02	-59.	96	-38.	.85	-56	.00	-4	.72	-1.	.28	-0.	.66	-0.13
S9		0.00	0	. 88	0.	00	0.	00	0.	.03		.00		.04		.02	0.00
S10		4.63	13	.38	2.	66	3.	48	11.	.63	4	.00	3.	83		.97	0.67
S11		0.03	171	.91	O.	01	0.	19	O.	25	0.	.17	O.	02	O.	01	0.03
S12	-	0.01	0	.00	-108 .	57	-0 .	80	-96.	09	-0,	62	-4.	24	- 2 .		106.88
S13	1	0.00	-0.	.04	-9.	97	-93.	51	-297.	61	-6.	42	-0 .	11	-0.	06	-0.09
S14	l	0.00	0.	03	6.	48	3.	76	92 .	81	7.	48	0.	11		06	0.03
S15	t	0.61	17.	.44	5.	50	2.	83	92 .	58	521.	81	4.	38	2.1	25	1.72
S16	l	0.00	0.	14	0.	10	0.	02	Ø.	33	O.	80	50 .9		26.3		1.21
S17	(0.00	0.	07	0.1	05	0.	01	O.	17	D.	04	26.3	24	13.	52	0.62
S18	(0.00	0.	01	0.0	00	0.	00	0.	01	0.	00	1.	72	0.1	B9	12.14
S19	1	0.00	٥.	41	0 .1	27	0.	15	0.	96	1.	08	0.	18	0.1	09	0.50
S20	(0.01	1.	03	1.4	45	1.9	96	7.	19	4.	02	2.1	09	1.0	36	0. 99
S21	l	D. 13	11.	18	2.	16	3.	57	14.	03	3.	63	19.9	97	10.2	29	7.17
S22	11	1.16	328.	48	63.1	37	83.4	44	279 .	15	95 .	92	91.8	81	47.3	30	16.13
S23	(D.81	5.	98	0.2	28	0.4	44	2.3	39	4.	48	0.1	13	0.0)7	0.07
S24	C	J.01	9 .	37	0. 1	17	0.0)7	0.3	77	0.	30	0.0)8	0.0	}4	0.07
చ25	().06	2.	49	1.1	4	0.9	50	5.	16	2.0	D1	0.5	54	0.2	28	0.46
S 26	0).01	2.	86	0.3	39	0.4	42	0.9	91	0.	33	O .1		0.1	10	0.06
S27	C).07	5.	68	0.8	59	0.4	44	1.1	98	0.9	93	1.5		0.E	30	0.34
S28).00		04	0.0)1	0.0	D1	0.0	07	0.1	D1	0.2		0.1		0.06
S29].34	67.	75	3.9	36	3.4	41	13.4		4.5		9.2		4.7		1.23
S30).25		12	0.4		0.4		2.3	31	1.1		1.3		0.7		0.49
S31		5.66	-165.		-15.0		-24.4		1 50 .3		-42.		-39.4		-20.3		-13.04
S32		3.39	124.		42 .1		31.1		183.9		123.		104.7		53.9		29.21
833		J.01		78	0.2		0.2		1.0		0.		0.8		0.4		0.23
S34		3.00		00	0.0		0.0		0 .1		0 .(0.0		0.0		0.00
B990	114	4.05	5 92 .	67 -	960.	59 -	603.!	59 -	573.	08	651.	17 :	255.9	38	131.8	37	-48.65

_														·
		Seller 19	Salter	20 Sa	ler 21	Salte	r 22 Səl	ler 23	Saiter	24 Saik	er 25 S	alter 26	Salle	# 27
	S 1	-	0.26	-0.04	- ().03	0.00	-0	.01	0.00	0.()0	D.00	0.00
	S2	-2	8.35	-4.70		8.70	-0.14	-0	.56	-0.01	-0.0)6 -	0.07	-0. 26
	S 3	•	6.35	-1.05	-(.83	-0.03	-0	.12	0.00	-0.0]1 -	D.02	-0.06
	S4	•	4.35	-0.72	-6	1.57	-0.02	-0	.09	0.00	-0.0)1 -(D.01	-0.04
	S5	-	0.08	-0.01	-0).01	0.00		.00	0.00	0.0	10 (00.0	0.00
	S6	-4	9.45	-8.19		i. 46	-0.25		.97	-0.01	-0 . 1) . 1 2	- 0. 46
	S7	-	2.13	-0.35		.28	-0.01		.04	0.00	0.0).01	-0.02
	S8	-	6.07	-1.01		.79	-0.03		.12	0.00	-0.0).01	-0.0 6
	S9	(D. OO	0.00		.23	6.38		.18	0.01	0.0).05	0.03
	S10		4.18	8.18		.20	111.86		.74	1.01	6.7		'.82	11.72
	S11	1	D.55	0. 38		. 36	0.65		35	8.33	56.0		5. 98	36.74
	S12		1.94	0.00	-32		-0.12		14	0.00	0.0		.00	0.00
	S13).0 3	-4,46	-16		0.00		05	0.00	-0.0		.02	-0.18
	S14).08	0.53		.87	0.07		04	0.00	0.0		.00	0. 06
_	S15		5.71	28.67	102		14.96		73	1.14	7.6		.69	24.70
	S16		2.08	0.58		96	0.03		23	0.05	0.3		.01	0.47
	S17		.07	0.30		53	0.02		12	0.02	0.10		.04	0.24
_	S18		1.33	0.15		17	0.01		01	0.01	0.0		.23	0.17
	S19		l. 17	0.50		33	0.03		30	0. 25	1.60		.28	2.73
	S20		.13	64.04		14	0.27	3.		U. 22	1.45		.51	4.62
	S21		1. 60	14.67	202 .		3.21	11.		1.35	9.1 1		.08	27.15
	S22). 32	196.25	1468 .		2684.64	618 .		24.25	163 , 18			281.30
	S23		.53	0.5 9		89	0.28	38.		0.39	2.60		66	4.55
	S24		.44	0.12		81	0.22	0.1		0.36	2.42		56	4.98
	525		.98	0.82		47	1.45	1.9		2.42	16.28			33.53
	S 26		.36	0.79		77	0.13	1.1		0.19	1.28			12.24
	S27		.22	2.05		51	1,87	4.9		0.90	6.09			87.97
	S28		.03	0.05		12	0.02	O .(0.02	0.10		09	0.31
	S29		.13	16. 89	63 .		15.56	25.1		2.08	14.00			19.58
	S30		.32	2.09	5 .		6.40	2.9		0. 48	3.22		58	5.41
	S31			-105.98	-274.		-166.73	-182 .3		-16.60	-111.66			-219.03
	S32	111		244.93	521 .		86.22	150.0		28.21	189.82			644.25
	S33		.74	1.58		56	0.32	0.7		0.18	1.20		45	3 . 39
	S34		.00	0.00		00	0.00	0 .1		0.00	0.00		00	0.00
	899 0	126	. 47	457.65	2138 .	62	2767.24	715.3	38	55.23	371.59	1032.	24	986.03

.

.

.

	Saller 28	Salter 29 S	aller 30 Sa	lter 31 Sa	tter 3 2 S	Salter 33 S	alter 34 Tot C	com T:
S 1	0.	00 0.0	0 -0.01	-0.01	I -0 .	43 -0.1	2 0.00	-8.94
S2	-0 .	36 -0.0	-1.50	-1.54	4 - 46 .	63 -13.3	0.00	-975.20
S3	-0.	08 0.0	0 -0.34	-0.34	4 -10,-	44 -2.9	8 0.00	-218.27
S4	-0 .	05 0.0	0 -0.23	-0.24	-7 .			-149.52
S5		00 0.0	0 0.00	0.00) -0 .			-2.67
S6	- 0 .							-1700.75
S 7	-0 .							-73.42
S8	-0.							-208.66
S9	0.							21.87
S10	0.(587.78
S11	3.1			1.35				341.62
S12	-2.6			-14.64				-1091.57
S13	-0.(-6.16				-905.84
S14	0.0			2.31	39 .3			286 .51
S15	1.2			143.90	4821.9			6070.23
S16	0.5			31.92	5.0			131.04
S17	0.2			16.44	2.6			67 .50
S18	0.0			0.50	0.7			17.91
S19	0.7			3.25	1.9			87.04
S20	1.2			71.39	26.7			224.07
S21	4.4			68.42	28.90		0.00	609.27
S22	15.7			3084.31	742.42			14115.05
S23	0.5			2.59	4.96			247.17
<u>\$24</u>	0.1			0.77	0.59			2 4 .95
825	0.7			5.19	3.95		0.00	167.87
S26	0.1			332.17	30 .08		0.00	1031.57
S27	0.8			9.99	15.61		0.00	2 48 .39
S28	3.1			2.76	2.53		0.00	12.03
S29	1.4			85.09	74.51		0.00	620.81
S30	0.4			60.02	170.81		0.00	542.68
S31	-17,1			-1253.53	-199.59			-3993.92
S32	35.0			2373.10	5929.68			13566.66
S33	0.1			25.55	28.16		0.00	87.19
S34	0.0			0.00	0.00		0.00	0.00
B990	50.2	7 1558.3 1	1253.23	5169.98	10779.82	2299.22	0.00	29780.47

_	• Total	Taxes On import
	S1	29.72
	S2	1442.93
_	S 3	137,15
	S4	273.16
	S5	112.58
	S6	164.58
	S 7	462.88
	S8	234.30
	S9	26.57
	S10	843.00
	S11	337.75
	S12	416,11
	S13	80.93
	S14	715.9 9
	S15	893.06
	S16	1353.87
	S17	697.45
	S18	415.43
	S19	343.91
	S20	335.34
	S21	1068.12
	S22	1173.00
	S23	190.97
	S24	54.01
	S25	363.40
	S26	1996.32
	S27	3177.25
	S28	792.24
	S29	25.59
	S30	0.00
	S31	58.14
	S32	163.15
	S33	0.07
	S34	0.00
	B990	18379.00

.

Tax: F01 Tax: F02 Tax: F09 Tax: F19 Tax: F29 +F49 ToLTax (ex VAT)

.

.

· · · ·

••••••

1

S1	-1.66	0.00	0.71	-0.03	-0.07	-0.02	-10.71	81
S2	-180.65	0.00	77.86	-2.81	-7,25	-2.13	-1168.05	S2
S 3	-40.43	0.00	17. 43	-0.63	-1.62	-0.48	-261.43	S3
S4	-27.70	0.00	11.94	-0.43	-1.11	-0.33	-179.08	S4
S5	-0.49	0.00	0.21	-0.01	-0.02	-0.01	-3.20	85
S6	-315.05	0.00	135.79	-4.91	-12.65	-3.72	-2037.09	S6
S 7	-13.60	0.00	5. 86	-0.21	-0.55	-0.16	-87.94	S 7
S8	-38.65	0.00	16.66	-0.60	-1.55	-0.46	-249.92	S8
S9	1.59	0.00	88.48	0.00	0.02	0.00	23. 48	S9
S10	318.04	0.00	704.93	0.47	10.84	73.55	990.69	S10
S1 1	0.14	0. DO	97.01	0.44	15. 08	19. 40	376.67	S11
S12	-346.99	0.00	2019.94	-0.02	-0.23	-92.63	-1531. 43	S12
S13	-2303.04	0.00	-1478.28	-0.14	11.31	-328.93	-3526.65	S13
S14	353.29	0.00	3891.15	0.09	0.13	19. 25	659,26	S14
S15	13973.52	0.00	18738.33	2.05	111.27	911.08	21068.15	S15
S16	133.60	0.90	3790.98	3.39	7.05	11.71	286.78	S16
S17	68.82	0.00	1952.93	1.75	3.63	6.03	147.74	S17
S18	44.78	0.00	1465.10	0.40	2.67	3. 32	69.08	S18
S19	61.02	0.00	3175.60	32.05	4.23	2.84	187.18	S19
S20	43.32	0.00	2156.03	0.06	1.67	4.50	273.62	S20
S21	132.76	0. 00	4009.98	3.47	3.52	75.76	824.78	S21
S22	7633.16	0.00	17064.54	11.39	260.23	1 765.21	23785.05	S22
S23	14.47	0.00	884.99	4.76	5.33	9.83	281.56	S23
S24	3.73	0.0 0	1 62.07	7.39	0.87	1.80	39.25	S24
S25	25.08	0.00	1090.43	53.10	5.88	12.12	264.0 6	S25
S26	772.29	0.00	8605.60	956.0 6	39.62	69 9.88	3499.41	S26
S27	69.33	0.00	4366.66	218.90	10.14	68.40	615.16	S2 7
S28	31 .19	8.00	1430.89	1.83	0.5 6	2.45	48.07	S28
S29	277.92	0.00	3258.32	1.61	-1.18	4.05	903.21	S29
S30	100.95	0.00	1235.04	2098.57	1.37	25.85	2769.43	S30
S 31	-640.61	0.00	16066.23	-107.64	-14.38	-212.88	-4969.43	S31
S32	20037.45	3.62	37196.91	686.93	-0.46	621.50	34912.08	S32
S33	1 49.46	525. 4 9	934.21	1.37	-0.17	3.87	241.72	S3 3
S34.	n.n.	UU	L.W.	LUL	ሲባቢ	LUL	UN	£34.
8 990	40337.02	529.10	133174.56	3969.16	454.18	3700.67	78241. 4 9	8990

SALTER (34 sec		EUROPE		SITC 1	NACE
Ind. No.	Description	I-O Ind.	Description		
1	Paddy rice	010(p)	Agricultural, forestry and fishery products	042	011/030
2	Non-grain crops	010(p)	Agricultural, forestry and fishery products	05+06+07	011/030
3	Wheat	010(p)	Agricultural, forestry and fishery products	041+046	011/030
4	Grain, other than wheat and rice	010(p)	Agricultural, forestry and fishery products	043+044 +045+047	011/030
5	Wool	010(p)	Agricultural, forestry and fishery products	268	011/030
6	Other livestock products	010(p)	Agricultural, forestry and fishery products	Residual	011/030
7	Forestry	010(p)	Agricultural, forestry and fishery products	24	011/030
8	Fishing	010(p)	Agricultural, forestry and fishery products	03	011/030
9	Coal	030	Coal, lignite (brown coal) and briquettes	32	111+112

SALTER (34 sec		EUROPE		SITC	NACE
Ind. No.	Description	I-O Ind.	Description		
10	Oil and Gas	071 075	Crude petroleum, natural gas and petroleum	33+34 -334	131+133 +132
11	Other minerals	110 135 136	Production and processing of radioactive materials and ores Ferrous and non-ferrous ores and metals, other than radioactive Ferrous metals and minerals	28+68	151/152+ 221/224+ 211+212
		137	Non-ferrous metals and minerals		
12	Meat products	310	Meats, meat preparations and preserves, other products slaughtered animals	01	412
13	Milk products	330	Milk and dairy products	02	413
14	Other food products	350	Other food products	08+09	411+ 414/423
15	Beverages and tobacco	370 390	Beverages Tobacco	11 1 2	424/429
16	Spinning, weaving, dyeing, made-up textile goods	410(p)	Textiles and clothing	26+65	431/439

SALTER (34 sec		EUROPE		SITC	NACE
Ind. No.	Description	I-O Ind.	Description		
17	Wearing apparel	410(p)	Textiles and clothing	84	45318
18	Leather, fur and their products	430	Leathers, leather and skin goods, footwear	21+61+ 85	451+456+ 441+442
19	Lumber and wood products	450	Timber, wooden products and furniture	24+63+ 82	461/467
20	Pulp, paper and printing	471+473	Paper and printing products	25+64	471/474
21	Chemicals, rubber and plastic products	170 490	Chemical products Rubber and plastic products	5+62+ 27+23	252/260 +481/483
22	Petroleum and coal products	050 073	Products of coking Crude petroleum, natural gas and petroleum products	334	120+ 140
23	Non-metallic mineral products	153+ 155+157	Non-metallic mineral products	66	241/248+ 231/239
24	Primary iron and steel manufacture	1 90 (p)	Metal products except machinery and transport equipment	67	311/313
25	Other metals and products	1 90 (p)	Metal products except machinery and transport equipment	69	314/316
26	Transport equipment	270	Motor vehicle	78+79	351/353 +361/365

SALTER (34 sec		EUROPE		SITC	NACE
Ind. No.	Description	I-O Ind.	Description		<u></u>
27	Other machinery and equipment	210	Agricultural and industrial machinery	71/77	321/328+ 330+
	041-	230	Office and data processing machines, precision and optical instruments		371/374+ 341/347
		250	Electrical goods		
28	Other manufacturing	510	Other manufacturing products	87+82 +88+89	491/495
29	Electricity, gas and water	090	Electric, power, gas, steam and water 091 Electric power, gas, steam,	N / N	
			hot water, compressed air 093 Gas distributed by pipe 095 Water	N/A	161/163 +170
30	Construction	530	Building and construction	N/A	505/509

SALTER (34 sec		EUROPE		SITC	NACE
Ind. No.	Description	I-O Ind.	Description		
31	Trade and transport	570	Wholesale and retail trade	N/A	610+630+ 640+
		611+ 613+617	Inland transport services		710+ 721/725+730
		630	Maritime and air transport services 631 Maritime transport and coastal services		+741+742 +750
		650	633 Air transport services Auxiliary transport services		761/76 4 +771/773
32	Other services (private)	550	Recovery and repair services	N/A	621+671 +672
		590	Lodging and catering services		660
		690	Services of credit and insurance institutions		811/820
		710	Business services provided to enterprises		830/840
		730	Services of renting of immovable goods	•	850
·		790	Recreational and cultural servic personal services, other marke services nec	es, t	92C+96C+ 97C+981/ 984
		930	Domestic services and other non- market services nec		968+978+ 99

SALTER (34 sec			EUROPE SITC	NACE
Ind. No.	Description	I-O Ind.	Description	
33	Other services (Government)	670 750	Communication services N/A Market services of education and research	790 93C+94C
		770 810	Market services of health General public services	95C
		850	Non-market services of education and research provided by general government and private non-profit institutions	91+92A+ 96A+97A 93A+93B +94A+94B
		890	Non-market services of health provided by general government and private non-profit institutions	95A+95B
34	Other services (Ownership of ? dwellings)		N/A	
		N/A = N	o applied category	

APPENDIX 3 CONTINUED: CONCORDANCE BETWEEN SALTER 34 SECTOR CLASSIFICATION AND IRISH CLASSIFICATIONS

Ind.	Description	IRL	Description
1	Paddy rice	20(p)	Agricultural, forestry and fishery products
2	Non-grain crops	20(p)	Agricultural, forestry and fishery products
3	Wheat	20(p)	Agricultural, forestry and fishery products
4	Grain, other than wheat and rice	20(p)	Agricultural, forestry and fishery products
5	Wool	20(p)	Agricultural, forestry and fishery products
6	Other livestock products	20(p)	Agricultural, forestry and fishery products
7	Forestry	20(p)	Agricultural, forestry and fishery products
8	Fishing	20(p)	Agricultural, forestry and fishery products
9	Coal	1	Solid Fuel
10	Oil and Gas	3	Gas
11	Other minerals	5(p)	Stones, Ore, Gravel
1 2	Meat products	21(p)	Food

.

Ind.	Description	IRL	Description
13	Milk products	21(p)	Food
14	Other food products	21(p)	Food
15	Beverages and tobacco	б	Drink and tobacco
16	Spinning, weaving, dyeing, made-up textile goods	7	Textiles
17	Wearing apparel	8(p)	Cloth and Footwear
18	Leather, fur and their products	8(p)	Cloth and Footwear
19	Lumber and wood products	9	Wood and Furniture
20	Pulp, paper and printing	10	Paper and print
21	Chemicals, rubber and plastic products	11	Chemicals, Rubber and Plastics
22	Petroleum and coal products	2	Oil refining
23	Non-metallic mineral products	12 5(p)	Clay, Cement, Glass and Stone, Ores, Gravel
24	Primary iron and steel manufacture	Not Applicable	
25	Other metals and products	13(p)	Metal, Engineering and Vehicles

APPENDIX 3 CONTINUED: CONCORDANCE BETWEEN SALTER 34 SECTOR CLASSIFICATION AND IRISH CLASSIFICATIONS

Ind.	Description	IRL	Description
26	Transport equipment	13(p)	Metal, Engineering
27	Other machinery and equipment	13(p)	Metal, Engineering
28	Other manufacturing	14	Other manufacturing
29	Electricity, gas and water	4	Electricity
30	Construction	15	Construction
31	Trade and transport	16	Trade
32	Other services (private)	17 + 18(P)	Commerce, Public and Professional
33	Other services (Government)	18(p)	Public and Professional
34	Other services (Ownership of dwellings	19	Household

APPENDIX 3 CONTINUED: CONCORDANCE BETWEEN SALTER 34 SECTOR CLASSIFICATION AND IRISH CLASSIFICATIONS

Appendix 4: Details on taxes provided (by sector) in individual EC Input-Output Tables.

.

EC code	Description	Bel	Den	Fra	Ger(W.)	Gre	Ita	Irl	Lux	Neth	Por	Spa	UK
110	Taxes on Production	N	Y	N	N	¥	Y	N	N	N	N	¥	Y
111	Taxes on Products	Y	Y	N	N	Y	N	N	N	Y	N	N	Y
112	Non-Commodity Taxes	Y	Y	N	N	N	N	N	N	N	N	N	Y
120	Subsidies	N	N	N	N	Y	Y	N	N	Y	N	Y	Y
170	Net taxes on Production	N	N	N	Y	Y	Y	Y	N	Y	Y	Y	Y
270	Non-deductible Vat	N	N	N	Y	N	N	N	N	Y	N	N	Y

Y = Data supplied N = Data not supplied (explicitly). Although some categories of data are not provided explicitly, they can be deduced by the following relationship between variables: 110 = 111 + 112 170 = 110 - 120

The missing information can be deduced from : Structure and Activity of Industry: Annual Inquiry Eurostat 4C, Luxembourg.

Appendix 5:

Commodity Flow Accounts for the European Community

(Source: National Accounts, Input-Output Tables 1980, Eurostat 2c, Luxembourg). .

25 6 1986

5

h

COKE 05 COKE

AGRICULTURE PRODUCTS 01 PROD. AGRICULTURE

	I EUR-8	B	DK	D	ESP	¥	GR	II	NL	PI	UK
RE SOURCES	1		1								
	i 1		1					1	1		
TOTAL INTERMEDIATE INPUT		-	i 462	392	437	443	-	370	404	287	526
VALUE ADDED - MARKET PRICES	414		379							482	
TALGE ADDED - TARKET PRICES		-	1 377	,	103			1 1/1			
ACTUAL OUTPUT	865	-	842	695	920	872	- ·	1 876	704	769	795
	1 1		1				l		; I	1	
IMPORTS FROM THE EC COUNTRIES	I -I	-	31							26	
IMPORTS FROM THIRD COUNTRIES	154										
TOTAL IMPORTS	154	-	158	305	129	127	-	187	2961	250	205
TOTAL RESOURCES	1 1000	-	1000	1000	1000	1000	-	1000	1000	10001	1000
	1 1 1 1										
US E \$										1	
TOTAL INTERMEDIATE OUTPUT	1 1 1 777	-	l 786	808	770	720	-	695	6681	703	501
INTEL INTERNEOTATE CONTON	1	-	1 /00			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		075			
CONSUMPTION OF ROSENOLOS	162		97	360	197	132		232	99	247	153
GPOSS FIXED CAPITAL FORMATION	4										
EXPORTS TO EC COUNTRIES	-										
EXPORTS TO THIRD COUNTRIES	211									4	
TOTAL EXPORTS	24	-	143	34	48	129	-	46	226	251	47
TOTAL USES	1 1000	-	1000	1000	1000	1000	-	1000	1000	1000	1000
	1		i				i i	1	1	i	
TOTAL RESOURCES/USES	1										
- MRD ECU	1 180.5	-	6.0			44.4	-	36.4	14.1	3.9	24.5
- MRO PPS	207.4						i -	51.2	13.0	7.6	27.0

	EUR-8	B	OK	0	ESP	F	GR	1 1	NL	I P	i uk
RESSOURCES										 	-
										1	!
TOTAL ENTREES INTERMEDIATRES	1049	-	i -i	1073	979	833	-	1214	_		
VALEUR AJOUTEE - PRIX DU MARCHE	I 19	-		521	171	112	-			i -	
RODUCTION EFFECTIVE	1170	-	-	1125	1150	953	-	1 1300	-	! -	11
IMPORTATIONS CE	-	-		181	27	206				!	!
IMPORTATIONS PT	13	-	747		661		-	1 19		1 -	:
PORTATIONS TOTALES	13	-	747		94			20		1 1	
OTAL RESSOURCES	1000	-	1000	1000	1000	1000	-	1 2000	-	-	1 10
i								i			¦
EMPLOIS								1			1
OTAL SORTIES INTERMEDIAIRES	798	-	427	728	982	891	-	1 866	- 1	į -	
CONSOMMATION DES MENAGES	56		1 36	22	10	10	-	28			į,
FORMATION BRUTE DE CAPITAL FIXE	-	i.			-					1 2	1 1
EXPORTATIONS CE	-				0	35	- 1	1 4	i -	i -	i i
EXPORTATIONS PT	61				0					1 -	
EXPORIATIONS TOTALES	111	-	397	254	1	74	-	79	! -		!
DTAL EMPLOIS FINALS	1000	-	1000	1000	1000	1000	-	1 1000	i -		i ı
			1	1		t	I	I	1	1	1
DIAL RESSOURCES/EMPLOIS	1	1	1			1		1		1	1
~ MRD ECU	6.3							i.,	i -	-i -	i
- MRO SPA	6.8	I -	1.0	3.1	. 6					.i -	

PETROLE + PROD, GAZ N 07 PETROLEUM + NAT. GAS

	EUR-8	Ð	OK	P	ESP	r I	GR	II	NL I	PI	UK
RESSOURCES											
i											
TOTAL ENTREES INTERMEDIATRES	304		255	365	440	388	- 1	367	330	4661	33
VALEUR AJOUIEE - PRIX DU MARCHE	266		86	179	137	211	-	202	266	10	44
RODUCTION EFFECTIVE	660	-	341	· 545	577	600	-	5691	597	476	77
IMPORTATIONS CE	-	-	277	158	5	45	-	1 33	79	52	5
INPORTATIONS PT	341	i -									
MPORTATIONS TOTALES	341	-									
DIAL RESSOURCES	1000	-	1 1000	1000	1000	1000	-	 1000	10001	10001	100
• • • • • • • • • • • • • • • • • • • •											
EMPLOIS											
DIAL SORILES INTERMEDIALRES	716	-	642	680	742	654	-	729	537	798	6:
CONSOMMATION DES MENAGES		į	i				1				
FORMATION BRUTE DE CAPITAL FIXE	227		281								
EXPORTATIONS CE			:								
EXPURIATIONS PT	49										
EXPORTATIONS TOTALES	50										
TAL EMPLOIS FINALS		!					1	1		i ī	-
THE ENFLOIS FINALS	1000	1 ~ 	1 1000 1	1 1000	1000	1000		1000	1000	1000	10
OTAL RESSOURCES/EMPLOIS						1	1	I 1		1	
- MPD ECU	272.1										
- MRD SPA	303.5	- 1	1 5.1	65.1	1 29.9	61.2	- 1	63.9	32.1	6.2	

COAL 03 HOUILLE

	EUR-8	в	OK	D	ESP	F	GR	I	NL	P	UK
RESOURCES											
	i										
TOTAL INTERMEDIATE INFUT	1 360			454	317	96	-	13	-	353	306
VALUE ADDEO - MARKET PRICES	490			488							
THEOR ROOTO - THREET THREES	1		i					i	ii		1
CTUAL OUTPUT	851	-	i -	942	794	526	-	1 30	- 1	545	951
	1		1					1			
IMPORTS FROM THE EC COUNTRIES	I -										
IMPORTS TRUM INTRO COUNTRIES	1 154										
IOTAL IMPORTS	1 154	-	1000	67	227	476	•	970 	1000	515	52
DIAL RESOURCES	1000	-	1000	1000	1000	1000	-	1 1000	1000	1000	1000
COME RESOURCES			i								
							•••••	!		•••••	
USES								1			
TOTAL INTERMEDIATE OUTPUT	883	-	958	854	917	773	-	992	858	991	808
CONSUMPTION OF HOSEHOLDS	1 76	-	1 7	49	58	147	-	1 11	22	15	92
GROSS FIXED CAPITAL FORMATION	i -i							- 1			
EXPORTS TO EC COUNTRIES	i -i	-	i -i	71	01	13	-				
EXPORTS TO THIRD COUNTRIES	1 5		1 1								
TOTAL EXPORTS	-3	-	1 1	78	1	16	-	3	164	9	27
DTAL USES	1 1000	-	1000	1000	1000	1000	-	1000	1000	1000	100
INTAL DEES	1 1000	_	1000				i i			1000	
OTAL RESOURCES/USES	1 1		1								
- MRO ECU	20.4										
- HRD PPS	21.7	-	.3	8.0	2.0	2.6	-	1.2	.31	. 1	8.0

25 6 1986

A STATE OF

MIN. NON METALLIQUES 15 NON METALLIC MINER.

ELECTR.GAS,ST., HATER 09 ELECTR., GAZ, VAP., EAU

EUR-8	Ð	סא	0 1	ESP	F	GR	T	NL I	р -	UK
							i	i	i	
i 1			!			!!		!	!	
513	-	5851	451	502	435		571	500	549	629
	-			431	513	-	340]	497]	390)	35
959	-	977	939	933	966	-	912	997	940	98
	-		4	15	10	-	0	4	33	
	-					- 1	181	-1	20	
	-				14	-	10	41	531	1
1000	-	1000	1000	1000	1000	-	1000	1000	1000	100
				1						
689	-	496	749	753	600	-	741	582	848	62
				·				i		37
							ii		41	
							2	10	61	
1 1000	-	1 1000	1000	1000	1000	l -i	1000	1000	10001	100
i i		1				I I	ا ا			
1		1				! !	10.01	4 11		17.
									1.91	10.
	 	5131 4421 9591 0 0 10001 10001 10001 2 4 2 4 10001 100		5131 - 5651 4511 9591 - 3911 488 9591 - 1 481 9591 - 9771 939 - - 1 481 9591 - 251 11 81 - 261 151 10001 - 10001 10001 10001 - 10001 10001 10001 - - - 10001 - 4961 7491 10001 - 1517 7 121 - 401 14 100001 - 10000 10001 100001 - 10000 10001 10001 - 10001 10001	513 - 565 451 507 442 - 391 408 431 959 - 977 939 933 - - 1 4 15 0 - 25 11 14 0 - 25 11 14 1 0 - 26 15 200 1 1000 1000 1000 1000 1000 1 0 - 26 749 753 308 - 464 237 251 2 - - - - - 4 - 15 7 21 4 - 15 7 21 4 - 15 7 21 2 - 40 14 33 1000 - 1000 1000 1000 - - 1000 1000 1000 1000	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

EUR-8	B	D#.	0	ESP		68	1	- ML	P	UK
					1			 	1	
500	I	470	4981	472)	4271	-	4921	1	 110	42
418	-	357	374	455						
920	-	777	673	926	848	-	1 61 9	ا ا 666	894	74
-	- 1	106	74	291	94	-	671	2661	501	,
79	- 1	116	53	481		- i				
79	- [223	1271			- (631	3341		
1000	, -1 1	1000]	1000) 1000)	1 1000 1	1000	 - 	1000	10001	 1000	10
		·····	 	······	י 	י ייייייי ן	י ו ו	י ו ן ן	! ! !	••••
818 	 - 	763	762 l	638	776	 -	733	7271	815)	7
1 601	-	671	 0 A S	25	1 451		i			
121	- 1									
-1	-1	791	631			-i				
	-1			651	621	i-				
881	-	171	114	102	133	-!	1661	165]		
1000	-	1000	1000	1000	10001	-	1000	1000	1000	10
							!			
74 71					. 1		1	F	1	
84.51								3.71		14. 16.
	500 500 79 79 1000 1000 1000 12 60 12 60 12 60 12 60 12 60 12 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	500(- 7,181 - 9201 - - 791 - 791 - 10000 - 122 - 601 - 122 - - 77 - 818 - 10000 - 122 - 77 - 818 - 1000 - 77 - 74 - 7 818 - 1000 - 7 74 - 7 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7	500 - 420 718 - 357 920 - 777 106 79 - 116 79 - 116 79 - 100 1000 - 1000 60 - 67 121 - 91 - 763 60 - 67 12 - 91 - 763 60 - 171 1000 - 1000 - 1000 74.7 - 126	500 - 420 498 748 - 357 374 9201 - 7771 973 -1 - 106 74 9201 - 7771 973 -1 - 106 74 9201 - 7771 973 -1 - 106 74 791 - 12251 1271 10000 - 10000 10000 10001 - 763 7621 601 - 677 89 121 - 91 01 -1 - 794 63 601 - 677 89 122 - 92 511 88 - 1711 116 10000 - 10000 10000 - 10000 10000 10000	5001 - 4701 4981 472 3181 - 3571 3741 455 9201 - 7771 8733 926 - - 1066 74 29 791 - 1166 531 48 792 - 1166 531 48 792 - 10001 100001 100001 100001 - 100001 100001 100001 8181 - 7631 7621 836 601 - 677 891 251 122 - 9 0 201 - - 791 631 361 601 - 677 891 251 651 8081 - 1771 1141 1021 100001 100001 100001 - 100001 100001 100001 100001 100001 7471 -	5001 - 4201 4981 4721 4271 74181 - 3571 3741 4551 4141 9201 - 7771 873 926 8481 -1 - 1061 741 291 941 9201 - 7771 873 926 8481 -1 - 1061 741 291 941 791 - 1161 531 468 541 790 - 2251 1271 761 1468 10000 - 10000 10000 10000 10000 10000 - 636 778 651 621 601 - 671 891 2251 651 621 601 - 671 891 2251 651 621 818 - 1711 1164 1022 1331 10000 - 13000 100001	500 - 470 498 472 477 - 318 - 357 374 455 414 - 79 - 106 74 29 94 - 79 - 106 74 29 94 - 1000 - 106 74 29 94 - 79 - 116 53 48 54 - 1000 - 1000 1000 1000 1000 - 1000 - 1000 1000 1000 - - 60 - 67 89 25 65 - 12 - 9 0 0 7 - - - 791 51 65 62 - 60 - 67 89 25 65 - 12 - 9 0 0 7	500 - 470 498 472 477 - 492 500 - 470 498 472 477 - 492 718 - 357 374 455 414 - 425 920 - 777 873 926 848 - 916 - - 106 74 29 94 - 477 70 - 116 53 460 54 - 361 700 - 1000 1000 1000 - 1000 1000 - 1000 1000 1000 - 1000 1000 - 1000 1000 1000 - 733 60 - 67 89 25 65 - 36 121 - 9 0 20 71 - 801 71 - 791 651 <td< td=""><td>5001 - 4701 4981 4771 - 4921 3701 318 - 3577 376 455 414 - 425 296 9201 - 7771 873 926 8481 - 425 296 9201 - 7777 873 926 8481 - 427 264 701 - 106 74 29 94 - 477 264 701 - 106 53 4.8 54 - 636 700 709 - 1223 127 76 1048 - 633 334 10000 - 10000 10000 10000 - 10000 10000 10000 - 10000 10000 10000 - 10000 10000 10000 - 636 776 - 38 631 122 - 9</td><td>5001 - 4701 4981 4721 4771 - 4921 3701 4321 3181 - 3571 374 4551 4141 - 4251 2961 4611 9201 - 7771 8733 9261 8488 - 9166 6666 894 - - 1066 74 291 941 - 477 764 501 791 - 1166 531 488 541 - 363 3344 1071 10001 - 10001 10001 10000 - 631 3344 1071 10000 - 10001 10001 10000 - 633 3541 1070 10000 - 10001 10000 10000 - 0 001 10001 10000 - 10001 10000 10000 - 0 0 10001 601 - 671 891 251 - 565 - 381 631 355<!--</td--></td></td<>	5001 - 4701 4981 4771 - 4921 3701 318 - 3577 376 455 414 - 425 296 9201 - 7771 873 926 8481 - 425 296 9201 - 7777 873 926 8481 - 427 264 701 - 106 74 29 94 - 477 264 701 - 106 53 4.8 54 - 636 700 709 - 1223 127 76 1048 - 633 334 10000 - 10000 10000 10000 - 10000 10000 10000 - 10000 10000 10000 - 10000 10000 10000 - 636 776 - 38 631 122 - 9	5001 - 4701 4981 4721 4771 - 4921 3701 4321 3181 - 3571 374 4551 4141 - 4251 2961 4611 9201 - 7771 8733 9261 8488 - 9166 6666 894 - - 1066 74 291 941 - 477 764 501 791 - 1166 531 488 541 - 363 3344 1071 10001 - 10001 10001 10000 - 631 3344 1071 10000 - 10001 10001 10000 - 633 3541 1070 10000 - 10001 10000 10000 - 0 001 10001 10000 - 10001 10000 10000 - 0 0 10001 601 - 671 891 251 - 565 - 381 631 355 </td

PRODUITS CHIMIQUES 17 CHEMICAL PRODUCTS

	EUR-8	В	OK 1	D	ESP	F	GR	1	NL NL	l P i	UK
RESSOURCES										 	
					1	ļ				[]	
TOTAL ENTREES INTERMEDIAIRES	6321	-	360	585	449	4951	_	535	504	452	58
VALEUR AJOUTEE - PRIX DU MARCHE	276	-	194	2341	3131		- 1	220			
PRODUCTION EFFECTIVE	910	-	555	1 8191	7621	775	-	754	654	5961	80
1	i I	1		1	1			1941		370	
IMPORTATIONS CE	-	~	289	115	116	1591	- 1	170	246	242	11
IMPORTATIONS PT	091				1111	65	- 1	73	101		
INFORTATIONS TUTALES	891	-	446	181[227	224	- 1	244	346	4041	19
DTAL RESSOURCES	1000	-	1000/	1000	1000	1000l	-1	1000	1000	10001	100
				!	1	į	į				
•••••••••••••••••••••••••••••••••••••••	•••••						•••••••			1 1	
EMPLOIS				[1	ļ			
OTAL SORTIES INTERMEDIAIRES	719	-	592 (621	692	548	-1	667	423	732	6/
CONSOMMATION DES MENAGES						ł	i	i			
FORMATION BRUTE DE CAPITAL FIXE	152		74		198		-	182			
EXPORTATIONS CE	-1	- 1			-1 391	-1 141)	-	-			_
EXPORTATIONS PT	153		1891		671		-1	58 93			
EXPORTATIONS TOTALES	127		300	2771	106		-1	150			19
OTAL EMPLOIS FINALS	1000	-	1000	۱ ۱۹۵۵ ا) 1000	1 1000	-1	1000	1000	i i	10
1	1	i	I	i	i	1	i	10001	1000	1000	100
OTAL RESSOURCES/EMPLOIS				t		 f					
~ HRD ECU	161.6	-i	3.1	63.41	_ 11. il	35.6	- 1	27.3	15.6	2.2	30.
- HRD SPA	176.51				15.61		-				30. 34.

FERROUS AND NON FERR 13 FERREUX ET NON FERR.

	8	סא	0	E SP	F				1	
[i	
i i		i i	i i						!	
			441	686	508	 -	552	3561	430	541
									143	136
i i			i i	r I					5 4 1	677
856	-	312	794	676	741		• 743	5001	5011	6//
· - 1	-	439	82	59	171		125	323	272	134
				131	298	! -	278	5001	435	327
1		1 1000	1 1000	1000	1 1000	i 1 -	1000	10001	1000	1000
		i			l I	i :	l 		I I	
		 I	 I			!				•••••
		1	1		[1				
907	-	 773 	 804 	864	 716 	1 1 -	848 1	555	a76	605
	i 1 -	1	1 1	 -	 2	-	 -			1
		j ı	i 3	I -		•				4
i - I	I -					•				
	•									
76		226	1 182	132	I 268		1 119		110	200
1 1000	i -	1000	1 1000	1 1000	i 1000	i -	1 1000	1 1000	1000	100
i	i 	I 	l 	!	l 	!	! 			
ł	1	1	!	!		1				24.
	189 956 161 161 161 161 161 161 161 161 100 1000 1000	189 - 856 - - 161 - 170 - 1 1 1 1 1 1 1 1 1 1	189 - 70 966 - 312 - - 439 161 - 249 161 - 688 1800 - 1000 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 - 100 1 - 100 1 - 100 1 - 1000 1 - 1000 1 - 1000 1 - 1000 1 - 1000 1 - - 1 - - 1 - - 1 - - 1 - - 1 - - 1 - - 1 - - 1 - - 1 - - 1 <td>1891 - 70 133 9561 - 312 794 - - 439 62 1011 - 249 133 1611 - 249 133 1611 - 669 2166 1000 - 1000 1000 1000 - 1000 1000 1001 - 1 1 1001 - 1 1 11 - 1 1 31 - 101 97 761 - 226 182 10000 - 1000 1000 10000 - 1000 1000 10000 - 1000 1000 140.2 - . 9 59.5</td> <td>189 - 70 133 192 956 - 312 774 678 - - 439 62 59 161 - 249 133 72 161 - 666 216 111 1000 - 1000 1000 1000 1000 - 773 804 864 1 - 1 1 1 - 1 3 - - 125 85 1 - 101 7 1 - 126 182 1 - 101 7 1000 - 1000 1000 1000 - 1000 1000</td> <td>1890 - 70 133 192 227 856 - 312 794 676 741 - - 439 62 59 171 161 - 249 133 72 127 161 - 249 133 72 127 161 - 249 133 72 127 161 - 666 216 131 276 1000 - 1000 1000 1000 1000 1000 - 1000 1000 1000 1000 101 - - 13 - - - - 122 85 677 164 101 - 122 85 677 164 1000 - 1000 10000 10000 10000 1000 - 1000 10000 10000 10000</td> <td>0 666 - 2 42 0 00 0 00 2 2 27 1 109 - 70 133 122 2 2 27 0 566 - 312 794 0 70 741 - - 4 39 0 21 59 171 - - 4 39 0 21 59 171 1 611 - 249 133 72 127 1 611 - 249 133 72 127 1 611 - 249 133 72 127 1 611 - 249 133 72 127 1 600 - 1000 1000 1000 1000 1 000 - 1000 1000 1000 907 - 773 6.04 664 716 1 - 1 - - - 907 - 773 6.04 664 716 1 - 1 - - - 11 - 121 - - - - 125 85 6.71 166 1000 - 1000 10000 10000 1</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td> <td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td>	1891 - 70 133 9561 - 312 794 - - 439 62 1011 - 249 133 1611 - 249 133 1611 - 669 2166 1000 - 1000 1000 1000 - 1000 1000 1001 - 1 1 1001 - 1 1 11 - 1 1 31 - 101 97 761 - 226 182 10000 - 1000 1000 10000 - 1000 1000 10000 - 1000 1000 140.2 - . 9 59.5	189 - 70 133 192 956 - 312 774 678 - - 439 62 59 161 - 249 133 72 161 - 666 216 111 1000 - 1000 1000 1000 1000 - 773 804 864 1 - 1 1 1 - 1 3 - - 125 85 1 - 101 7 1 - 126 182 1 - 101 7 1000 - 1000 1000 1000 - 1000 1000	1890 - 70 133 192 227 856 - 312 794 676 741 - - 439 62 59 171 161 - 249 133 72 127 161 - 249 133 72 127 161 - 249 133 72 127 161 - 666 216 131 276 1000 - 1000 1000 1000 1000 1000 - 1000 1000 1000 1000 101 - - 13 - - - - 122 85 677 164 101 - 122 85 677 164 1000 - 1000 10000 10000 10000 1000 - 1000 10000 10000 10000	0 666 - 2 42 0 00 0 00 2 2 27 1 109 - 70 133 122 2 2 27 0 566 - 312 794 0 70 741 - - 4 39 0 21 59 171 - - 4 39 0 21 59 171 1 611 - 249 133 72 127 1 611 - 249 133 72 127 1 611 - 249 133 72 127 1 611 - 249 133 72 127 1 600 - 1000 1000 1000 1000 1 000 - 1000 1000 1000 907 - 773 6.04 664 716 1 - 1 - - - 907 - 773 6.04 664 716 1 - 1 - - - 11 - 121 - - - - 125 85 6.71 166 1000 - 1000 10000 10000 1	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$

.

.

.

EQUILIBRE RESSOURCES-EMPLOIS

MACH. DE BUREAU,EIC. 23 DEFICE MACHINES,EIC.

CONHODITY FLOW ACCOUNTS

25 6 1986

í.

METAL PRODUCTS 19 PRODUITS EN METAUX ------

-	EUP-8	в	DK	0	ESP	F	GR	1	NL	P	UK	!
I RESOURCES												1
1	i i	i i					i i	i	i i	i i		i
!	1 1											!
TOTAL INTERMEDIATE INPUT	518							567				
VALUE ADDED - MARKET PRICES	444	-	295	4 06	437	534	-	376	299	399	363	
ACTUAL OUTPUT	963	-	696	917	924	917	-	944	742	862	912	i .
1	1 1											i
I IMPORTS FROM THE EC COUNTRIES	I - İ	-	161									
I IMPORTS FROM THIRD COUNTRIES	39											
TOTAL IMPORTS	39	-	304	83	87	68	-	56	258	140	88	
TOTAL RESOURCES	1 1000	-	1000	1000	1000	1000	-	1000	1000	1000	1000	
I	1 1											i :
i	i 1			i i	i i		i i	1	1 1	i 1	1 1	1
!						• • • • • • •						!
USES												
0555												
	i i							i				i
TOTAL INTERMEDIATE DUIPUT	6431	-	583	580	607	519	i -	699	588	608	683	i i
1	1 1		1	I				1		1		1
								33	92	67	49	
I CONSUMPTION OF HOSEHOLOS I GEOSS FIXED CAPTIAL FORMATION	50 1 386											
EXPORIS TO EC COUNTRIES	1 - 1											
1 EXPORTS TO THIRD COUNTRIES	1 96											
I TOTAL EXPORTS	106	-	240	168	100	141	i -	182	198	134	128	1
1	I I		1	1	1	1		1	1	!		!
ITOTAL USES	1000	-	1 1000	1000	1000	1 1000		1000	1000	1 1000	1000	1
)						•					
TOTAL RESOURCES/USES	1		1	1	1	1	1	1	1	1		i
1 - HRO ECU	1 118.4	i -	2.2	43.3	0.6	27.6	i -	17.4				1
MRD PPS	129.4	i -	2.1	41.4	1 12.1	27.7	1 -	24.5	5.8	1.9	21.4	1

	EUR 8	I B	DK	l o	ESP	F	l er	 I I	NL	I P	l uk
RESSOURCES								i			i
ACOSOCACES		1					1 1	1		1	i
				: !				1		1	i
TOTAL ENTREES INTERMEDIATRES	394	i -	1 282	346				1		1 1	i i
VALEUR AJOUTEE - PRIX DU HARCHE								350			1 3
		i i	270	37/1	157	429	-	258	155	- 1	1 3
PRODUCTION EFFECTIVE	796	i -i	579	743	409	757					1
1		1				/3/	-	608	393		1 5
IMPORTATIONS CE	- 1		233	98	209	185	-	209			
IMPORTATIONS PT	241		189	1 1591							
IMPORTATIONS TOTALES	241	I -I	421	257							
		1 1	1 1	1 1				372	60/		
TOTAL RESSOURCES	1000		1000	1000	1000	1000		1000	1000	-	1 10
		{ !		I I	1 1	I 1	1 1		1000	-	
			i (í I		i 1	I I	1			i .
			• • • • • • • • •		• • • • • • • •		• • • • • • • •				
EMPLOIS	i	i i								[]	1
			(I	1							
TOTAL SORTIES INTERMEDIAIRES	3551			1	1	1					í i
INTRE SOUTES INTERNEDIATRES	3551	-	263	418	471	142	-	198	223	-	i :
i	i	i i		1							1
CONSOMMATION DES MENAGES	110	i -i	94	124	'n	116					
FORMATION BRUTE DE CAPITAL FIXE	389	I - I	129					64 397	-		
EXPORTATIONS CE	-1		215								
EXPORTATIONS PT	164			127							
EXPORTATIONS TOTALES	155	-	514	2621							
TOTAL EMPLOIS FINALS	1			1					420	-	
IVIAL CIRCUIS FIRALS	1000	-	1000	1000	1000	10001	-	1000	1000	-	1
		· ·	/ I	· I		I I	1		1000	-	
TOTAL RESSOURCES/EMPLOIS		1 1									
- MRD ECU	35.1	i -i	. 6						1	1 1	1
- MRD SPA	37.4										18
			. > 1	15.51	2.5	7.7	- 1	7.4	1.5	- 1	1 9

	TURA	e e	DK	ם	ESP	F	GR	I	NL	Р	UK
RESOURCES			1								
TOTAL INTERMEDIATE INFUT	 513	-	347	487	433	333	-	526	;03	158	470
VALUE ADDED - MARKET PRICES	405	-	318	396	288	377	-	301	212	122	346
ACTUAL OUTPUT	919		666	883	723	711	-	827	516	280	817
IMPORTS FROM THE EC COUNTPIES	1	1	202	60							
TOTAL IMPORTS	1 82		1 132					53 53			
	1	i i			i i	1000		1000) I 1000	1000	1000
TOTAL RESOURCES	1000	-	1000 	1000	1000	1000	-				
USE S		 					1				
TOTAL INTERMEDIATE OUTPUT	355	-	309	328	417	245	-	247	 340 	135	 359
CONSUMPTION OF HOSEHOLDS	1 7	 -	32		7	 0	 -	1 2	1		
GROSS FIXED CAPITAL FORMATTON	383										
EXPORTS TO EC COUNTRIES	-										
EXPORTS TO THIRD COUNTRIES TOTAL EXPORTS	1 256 1 242										
TOTAL USES	1 1000	-	1000	1000	1000	 1000 	-	 1000 	 1000	1000	 1000
TOTAL RESOURCES/USES								1		1	
- MRD ECU	1 132.1	- 1	3.9	54.3	6.6	24.5	i -	23.2	6.9	1.1	i 31.0
- MRD PPS	1 143.3							32.5	6.7	2.2	34.2

MACHINES 21 MACHINES

	EUR-A	e	I DK	1 0 1	ESP L						
					ESP I	F I	er I	1 1	NL I	ΡI	UK
RESSOURCES				1					-	· · 	
TOTAL ENTRIES INTERMEDIATRES	463	-	 1 298			ł		!	ł		
VALEUR AJOUTEE - PRIX DU MARCHE	418				371	3911 3901	-	475 307	3431	3591	439
PRODUCTION EFFECTIVE	6821	-	1		1	1	Ĩ	3071	2551	2361	34 1
	007	-	l 554 I	8261	755	782	-!	781	5781	5941	780
THPORTATIONS CE	- 1	-	233	711	185	1271	- 1	!			
INPORTATIONS PT	121	-			461	108	•	1371	268	353	84
IMPORTATIONS TOTALES	121	-	446		231	234	-	01) 219)	1341 4021	541 4071	132
TOTAL RESSOURCES	10001	-	l I 1000	 1000	10001	10001	-	10001	10001	1000	1000
EttpL015					ا 	·····	!	 	i i	i i	
OFAL SORTIES INTERMEDIATRES	457	-	469	409	403	312	-1	 	3381	 	471
CONSUMMATION DES MENAGES				i i					1	!	
FORMATION BRUTE DE CAPITAL FIXE	141				241	158	-i	1311	111	148	127
EXPORTATIONS CE					260	246	-1	1031	1321	1511	174
EXPORTATIONS PT	-1				481	971	-1	971	2351	1711	88
EXPORTATIONS TOTALES	143				41	139	-!	109	1881	531	151
OTAL EMPLOIS FINALS	1	i	i i		001	238	-	2061	423	224	236
THE ENPLOIS FINALS	1000	-	1000	1000	1000	1000	-i	1000	1000	10001	1000
					1	•	1	1	1	1	
DTAL RESSOURCES/EMPLOIS	1	1		1							
- HRD ECU	119.61	- i	1.9	48.4	6.91	24.0	-	17.0			
- MRD SPA	129.1	- 1			9.71	24.0	-1	17.9 25.2	10.4	1.0	24.7

q

•

1

đ. .

.

25 6 1986

PAPIER, IMPRIMES 47 PAPER AND PRINTING

25 6 1906

用なるのない。日日にしていた

Ř

LEATHER, FOOTHEAR 43 CUIR, CHAUSSURES

EUR-8	B	OK 1	D	ESP	FI	68	I	NL	l P	l uk
i i	i	;					!			
1 1	!	1	i	i	i	í	1			
4961	- 1	2051	1211			1	i	j		i
341	- i	1901				-				
	!	1	1	i	1	-	3001	14/1	357	23
1 8381	- 1	485	595	8981	739	-1	8471	363	096	69
i -i	-i	236	2291	13	166		24	100		
	!	2791	176	331	1141					
1 133	- !	515	4 05	46	261	-1	91	633		
10001	-	10001	10001	10001	10001	!	!	!	i	
1 1	i		10001	10001	10001	-1	1000	1000	1000[100
, ,	ı	1	1	i	i	i	i	i		
1			1	!		······!	·····i		· · · · · · · i	• • • • • • •
1 1	í	i		1			-		!	
1 26.01	!	!	!	1	i	i		i		
		2101	1651	219	180	-	276	149	311	284
!!	!		i	i	i	i				
					602	-1	316	650	3321	62:
i -i								-!	- F	-
1 1201	-i									77
1 1801	-i	240								68
1 1	1	1	1				40/1	1001	329	145
1 1000	-!	1000	10001	1000	1000	-i	1000	10001	1000	1000
·			'	1	1	1	1	i	i	
1 1	1									
22.6	- i	. 31	5.61	2.3	4.51			.!	1	
27.3	- İ	. 31	5.41	3.31	4.51		11.71	.91	. 41	3.2
		496 496 	496 - 295 341 - 190 838 - 485 236 1331 - 276 1331 - 515 1000 - 1000 260 - 218 200 - 218 200 - 162 100 - 162 1000 - 1000 22.6 - 31	496 - 295 323 341 - 190 273 341 - 190 273 3361 - 485 595 - - 236 229 133 - 515 405 1000 - 10001 10001 1000 - 10001 10001 2600 - 2181 165 2 - 0 - - - 78 50 2 - 0 - - - 78 59 1000 - 1000 1000 1001 - 246 109 1000 - 1000 1000 1000 - 3 5.6	4961 - 2951 3231 5421 3411 - 1901 2731 3561 8381 - 4851 5951 8981 -1 - 2361 2291 1331 1333 - 75151 4051 4661 10001 - 10001 10000 10000 10001 - 2181 1651 219 2600 - 2181 1651 219 2100 - 10001 10001 10001 2010 - 1621 591 4761 1001 - 778 501 173 1201 - 1621 591 1661 10001 - 24.00 1091 26.90 10001 - 10001 10001 10001 10001 - 26.00 10001 10001	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

-	EUP 8	8	l Dr.		ESP	r	GR	I	ИС	Г	UK.
RESSOURCES											
		i i	i	5					i i	5	
IDIAL ENTREES INTERMEDIAIRES	557							554	477		
VALEUR AJOUTEE - PRIX DU MARCHE	349	-	334	333	347	313	-	336	304	349	34
RODUCTION EFFECTIVE	907	-	783	879	902	835	-	890	781	899	8
IMPORTATIONS CE	-	-	62	41	34	82		37	131	39	
THPORTATIONS PT	91	-	155	61	56	1 75	i -	1 73	88	561	1
MPDRTATIONS TOTALES	91	- 1	217	1 121	90	157	-	110	219	961	1
DIAL RESSOURCES	1000	- 1	1000	1000	1000	1000	- 1	1000	1000	1000	10
		i	i	i	i	i	i	i		; ;	
EHPLOIS		 	1	1			 	1			
DTAL SORTIES INTERMEDIAIRES	783	1 1 -	 762 	 729 	1 1 728 1	 716 	! 1 -	771	678	 670 	 7
CONSONNATION DES MENAGES	167	-	1 152	1 167	 160	1 I 194	1	 134	178	 110	1
FORMATION BRUTE DE CAPITAL FIXE											
EXPORTATIONS CE	ı -	i -	1 38	1 52	1 34	I 46	i -	I 46			i
EXPORTATIONS PT	47	- 1	1 40	1 43	65	32	i -	1 20	22	1 62	1
EXPORTATIONS TOTALES	42		1 79	1 95	1 102	1 78		1 74	1 142	234	
DIAL EMPLOIS FINALS	1000	į -	1 1000	1000	1000	1000	- 1	1000	1000	1000	10
				,	, 	, 					,
OTAL RESSOURCES/EMPLOIS	99.3				!	!	1	!		! !	
- MRD ECU - MRD SPA	99.3										

CAOUTCHOUC, PLASTIQUE 49 RUBBER AND PLASTIC

	EUR-8	в	t ok	D	ESP	r	1 6R	1	NL	Р	UK
RESSOURCES											
1	!		!				1				
TOTAL ENTREES INTERMEDIATRES	561	_	366	510	568	430		555	340	487	524
VALEUR AJOUTEE - PRIX DU MARCHE								399			
- 1	1		1		i		i				
PRODUCTION EFFECTIVE	971	-	655	857	023	832	- 1	954	540	775	855
	-	-					l l				
IMPORTATIONS CE	481										
IMPORTATIONS TOTALES	48							32			
		-	1 1		1 12	1 100	-	1.0	404		
TOTAL RESSOURCES	1000	-	1000	1000	1 1000	1000	i -	1000	1000	1000	1000
1			1	1	1	1	i i		i i	: I	
•			1	1	I	I	1				
			1		,		,				•••••
EMPLOIS	i i		i	i	i		i		i i	i i	
			!		1		1				
TUTAL SORTIES INTERMEDIAIRES	802	_	572	1 723	763	685		699	586	672	751
TOTAL SORTIES INTERREDITIES		-	1 372	1 123	1 /03	I 603		0 9 9	1 300	072	/31
		i	i	i	i i	i	i	i	i .		i
CONSORMATION DES MENAGES	107		117					96			
FORMATION BRUTE DE CAPITAL FIXE	11							32			
EXPORTATIONS CE EXPORTATIONS PT	96		1 112 1 166								
EXPORTATIONS TOTALES	82										
		i	1	1	1	i ***		1 10		i .	
TOTAL EMPLOIS FINALS	1000	i -	İ 1000	İ 1000	1 1000	1000	i -	1000	1000	1000	1000
	1	1	1	I	1	1	1	1	1	1	I
TOTAL RESSOURCES/EMPLOIS					,	- <i></i> -					
- MRD ECU	50.3	-	i .a	1 19.6	3.3	1 11.9		8.3	2.6	.5	9.8
- HRD SPA	55.1										

I 1MBER, HOODEN	PROD.	45	BOIS.ME
		42	8012'UF

POD. 45 BOIS, MEUBLES EN BOIS

I FUR 6	в	J DK	D	ESP	F	GR [I	NL I	р	l urk
1						[]				
1		1		1		1	1	İ	i	
		453	516	515	5591	- i	544	3201		
337	-	250	337	4201	251	-i				
1 0.704			!		1	i i	1			29
1 0/91	-	704	853	316	814	- 1	900	524	986	76
i .i		611					1	1	1	
									121	4
1 1221										18
1 1	i	1		1	1.11		981	476	271	23
10001	- 1	10001	1000	1000	10001	- 1	10001	1000	10001	
!!!	1	1	1	i	1	í	10001	10001	10001	100
1 1	1	1	1	1	i	i	i	i		
1 1			••••••		· · · · · · · · ; ·	••••••		• • • • • • • • • •		
1 1	i	i	i	i	- i	1			!	
!!	1	1	1	1	i	i	i			
6.061		!	!		1	i i	i	i		
	-	4811	4541	473	454	-1	5111	5421	3281	647
i i	i	i					!	!	1	
303	-i	159	3611	246	372				!	
116	-1	681	1081	1941		•				251
[-]	-1	1471	471	41	431	- i				04
			311	231	191	- i	461			27
44	-	281	70	641	621	-1	107	871	3681	50
1 1000		10001		!		1	1	1		
1	- 1	10001	10001	1000	1000	-!	1000	1000	10002	1000
								1	1	
	1	1	1	1	1	1	1			
63.0	-1	1.6	21.0	4.41	10.41	-i	15.2	3.6	. 9	9.5
		1.51	20.11							
		572 337 - 377 - 172 - 172 - 172 - 172 - 1000 - - - - - - - - - - - - -	542 - 453 3371 - 250 8791 - 704 122 - 251 122 - 261 1000 - 1000 1000 - 1000 1000 - 1000 116 - 68 - - 142 303 - 159 116 - 68 - - 142 36 - 134 464 - 261 1000 - 1000	5%2 - 453 516 3371 - 250 337 879 - 704 853 -1 - 43 511 1721 - 2531 96 1277 - 2531 96 1277 - 2531 96 1277 - 10001 10001 10001 - 10001 10001 5255 - 483 454 5033 - 159 361 116 - 68 100 - - 1471 471 361 - 134 31 44 - 281 700 10000 - 10001 10001	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	542 - 633 516 515 559 - 544 320 602 3371 - 250 337 470 251 - 357 205 364 879 - 704 853 746 814 - 900 524 966 - - 43 51 10 65 11 250 12 1721 - 253 766 814 - 900 524 966 - - 43 51 10 65 11 250 12 1721 - 253 766 544 372 12 121 10001 - 10001 10001 10001 - 10001 10001 10001 5255 - 469 454 473 4557 - 5111 542 326 3033 - 1591 3611 246 372

14

25 6 1986

\$

.

EQUILIBRE RESSOURCES-EMPLOIS

25 6 1986

COMMERCE 57 MIDLESALE AND RETAIL

OTHER MANUFACTURES	51	AUTRES INDUSTRIES

	EUP 8	В	I DK	0	ESP	F	GR	I	NL I	Ρļ	UK
RESOURCES	1										
	i		į į	i i					i	i	
TOTAL INTERNEDIATE INPUT	1 452		321	I 328	387	297	-	583	290	340	43
VALUE ADDED - MARKET PRICES	274	-	326	242	243	365	-	264		138	13
ACTUAL OUTPUT	727		647	570	629	663	-	848	471	478	56
IMPORTS FROM THE EC COUNTRIES	1 -	-	l 150	120	143	135	-	50	3121	158	175
IMPORIS FROM INIRD COUNTRIES	1 261	-	203	310				77		3631	308
TOTAL IMPORTS	261	-	353	430	206	333	-	128		522	43
TOTAL RESOURCES	1000	-	1000	1000	1000	1000	-	1000	1000	1000	100
USE S		• • • • • • • • •								 	••••
TOTAL INTERMEDIATE OUTPUT	264	-	196	165	204	183	-	64	281	370	430
CONSUMPTION OF HOSEHOLDS	1 534	-	330	440	668	687	-	571	2521	1361	29
GROSS FIXED CAPITAL FURNATION	30	-	69	34	24	0	-	13	1211	159	;
EXPORTS TO EC COUNTRIES	1 -1	-	199	1231	65	48		129	2221	971	10
EXPORTS TO THIRD COUNTRIES	1 184									198	18
TOTAL EXPORTS	1 166	-	409 	295	100	145	-	361	3291	294	28
TOTAL USES	1000	-	1000	1000	1000	1000	-	1000	1000	1000	100
TOTAL RESOURCES/USES							 				
- HRD ECU	1 22.3	-									6.
- MRD PPS	1 25.4	- 1	1.4	4.8	2.3	4.9	- 1	6.3	2.31	. 91	6.1

	EUR-8	8	DK	D	ESP	F	GR	1	NL	Ρİ	UK
RESSOURCES											
			i		i i				i i	i	
IDIAL ENTREES INTERMEDIAIRES	318	- 1	296					321		301)	351
VALEUR AJOUTEE - PRIX DU MARCHE	668	-	698	678	750	665		636	616	681	64
RODUCTION EFFECTIVE	987	-	975	988	986	979	-	958	958	983	99
IMPORTATIONS CE	-	-	1 3	4	2	4	i -	20	23	21	
IMPORTATIONS PT	9	i -	1 2	1 8	1 5	j 2	1 -	1 22	1 19	51	
IMPORTATIONS TOTALES	9	- 1	5	12	7	5	! -	1 4Z	42	71	
TOTAL RESSOURCES	1000	, i -	1000	1000	1 1000	 1000	- 1	 1000	1 1000	1000	100
EMPLOIS		 		1		1					
TOTAL SORTIES INTERMEDIAIRES	287	 -	328	276	215	 236	-	 325	236	331	33
			 480	i I 567	1 753	 705	1	1 592	i 1 517	572	63
CONSOMMATION DES MENAGES	626 31		1 400								- 1
EXPORTATIONS CE	-		1 64					1 16			
EXPORTATIONS PT	36		1 71					26			5
EXPORTATIONS TOTALES	56	4 -	1 134				ų -	4	2 201	18	5
TOTAL EMPLOIS FINALS	(1000		- 1000	1 1000	1000	1 100	, i	1000	1000	1000	10
TOTAL RESSOURCES/EMPLOIS									·		
	1	1			!	80.1	.!	69.	5 24.3	5.3	67
- MRD ECU	376.9		-1 8.5	95.0) 28.8			69.1			

CONSTRUCTION 53 CONSTRUCTION

	EUR-8	B	I DK	0	ESP	I F	GR	1	NL	Р	UK
RESOURCES			 			 					
TOTAL INTERMEDIATE INPUT	1 497	_	1 1 529	1 469	 462	i 1 467	i I -	470	570	601	561
VALUE ADDED - MARKET PRICES	492										
ACTUAL DUTPUT	990	-	 1000	 975	974	997	-	1000	1000	1000	983
IMPORTS FROM THE FC COUNTRIES	-					i -					
1HPORIS FROM THIRD COUNTRIES				• = ·							
-	i i		i		i	i					
TOTAL RESOURCES	1 1000	-	1000 	1000	1000 	1000 	-	1000	1000	1000	1000
			, ,			, 	• • • • • • • •				
USES			1			1					
TOTAL INTERNEDIATE OUIPUT	202	-	1) 285 I	 145 	 225 	 111 	 -	138	336	74	366
CONSUMPTION OF HOSEHOLDS	1 40	-) I -	 13	 20	 47	-	11	23	27	113
GROSS FIXED CAPITAL FORMATION	749										
EXPORTS TO EC COUNTRIES						:		-			
EXPORTS TO THIRD COUNTRIES TOTAL EXPORTS	11 10										10
IOTAL USES	1 1000	-	1 1000	1000	 1000	 1000 	-	1000	1000	1000	1000
IDTAL RESOURCES/USES					 I						
- MRD ECU	291.8	-	6.7	80.3	25.2	60.3	-	40.8	20.0	3.1	56.2
- MRD PPS	323.2	-	6.3	76.7	35.3	60.5	- 1	57.3	19.6	6.3	61.9

RESTAUR., HEBERGEMENT 59 LODGING, CATERING

	EUR-8	в	DK	D	ESP	F	GR 1	I I	NL I	P	ur. I
RESSOURCES 1											1
1		1							!	!	
TOTAL ENTREES INTERMEDIAIRES	571	-	515	572	556	478		507	413	555	704
VALEUR AJOUTEE - PRIX DU MARCHE	408	-	398				i -	491			276
PRODUCTION EFFECTIVE	982I	-	913	948	999	 970	l l	1000	1000	949	980
IMPORTATIONS CE	-1		 25	1 18		F 1 -			-	31	6
INPORTATIONS PT			1 61							51	14
IMPORTATIONS TOTALES	11					•	i -	l of		61	20
TOTAL RESSOURCES	 1000	-	1 1000	 1000	i 1000	i i 1000	- 1	1000	1000	10001	1000
				! i	1	1 I .	1	1 1			
EMPLOIS		•••••		! !	1		ļ	1			
TOTAL SORTIES INTERMEDIAIRES	 178	-	292	 427	1 104	1 144	 -	1 142	1 116	138	107
CONSOMMATION DES MENAGES	815	-	i I 708	1 529	896	1 856	i i -	i 1 857	1 884	661	878
FORMATION BRUTE DE CAPITAL FIXE	- 1	i -	i -		i -		i -	i -		1	-
EXPORTATIONS CE				21			·! -	0			5
EXPORTATIONS PT EXPORTATIONS TOTALES	17 17					:	-				11
	i ti ti ti	i	i	i	i	i	i	i -	i	i ī	
TOTAL EMPLOIS FINALS	1000 		· 1000	1000	1 1000 1) 1000 	- 1	1000 	1000 		1000
TOTAL RESSOURCES/EMPLOIS	 I			1	1			1			
- MRD ECU	i 107.1		i 1.3		14.0	20.6	si −	14.9	i 3.5	1.4	25.6
- HRD SPA	116.7	1 -	1 1.3	1 20.4	1 19.7	20.8	31 -	1 20.9	1 3.5	2.7	28.2

.

:

ł

INLAND TRANSPORT

CONHODITY FLOW ACCOUNTS

61 TRANSPORT INTERIEUR

25 6 1986

1

SERV, ANNEXES TRANSP. 65 AUXILIART TRANSPORT

	EUR-8	в	I DK	D	ESP	F	I GR	I	I NL	P	UK
RESOURCES		-				 	 				
NESOBILIES	i i		i	i .		i	i	i	i		i
	1						!	!	!		
TOTAL INTERMEDIATE INPUT	1 419 1 566										
VALUE ADDED - MARKET PRICES	1 7001	-	1 029	5/3	535	1 507		1 9/0	1 303	1 207	
CIUAL OUTPUT	969	-	1000	958	998	900	i -	991	833	978	992
IMPORTS FROM THE EC COUNTRIES	-	-		24	0	1 82	i -	3	1 167	9	1
IMPORTS FROM THIRD COUNTRIES	1 11	- 1	i -	18	2	17	I -	6	- 1		
IDIAL IMPORTS	1 11	-		42	2	99	! -	9	167	22	l 6
IDIAL RESOURCES	1000		 1000	1000	1000	1000	- 1	1000	1000	1000	1000
	1		i				1	;	i	i	i
USES		 			1		 	l l l			
0,00	i i						ļ	l .			
OTAL INTERMEDIATE OUTPUT	632	-	 608 	660	549	634	-	 534 	 625 	411	667
	1 297	-	1 248	259	400	238	i I -	i 1 337	1 101	565	292
CONSUMPTION OF HOSEHOLDS SPOSS FIXED CAPITAL FOPMATION	297										
EXPORTS TO EC COUNTRIES	-		:								
EXPORIS 10 THIRD COUNTRIES	27	- 1	108	30	14	25	1 -	45			
TOTAL EXPORTS	45	- 1	144	47	26	128	- 1	65	1 253	24	11
IDTAL USES	1000	-	1000	1000	1000	1000	- 1	1000	1000	1000	1000
	1		I 				• • • • • • • • • • • •	.		• • • • • • • • • • •	.
TOTAL RESOURCES/USES	1		!				!				
- MRD ECU	63.9										
MRO PPS	93.9	- 1	1 1.9	21.4	10.2	18.6	• -	1 20.1	5.3	1.5	17.6

I	EUR-8	B	DK 1	0	ESP	F I	GR	I	NL I	P	UK
RESSOURCES I						1	1				
1				!	!	!			1	1	
TOTAL ENTPEES INTERMEDIATRES	310	-	396!	431	2:81	241	-1	277	174	273	30
VALEUR AJOUTEE - PREX DU MARCHE	572		318	530	6071	569	-!	6021	5261	6281	51
PUDUCTION EFFECTIVE	883	-	714	961	834	813	-1	879	700	902	61
THPORTATIONS CE		! i -	i 841	201	381	641	-1	161	61	341	5
INPOPTATIONS PT	110				1271	1031	-i	1051	239	51	12
MPORTATIONS TOTALES	110				1661	1671	-1	1211	300		18
DIAL RESSOURCES	1 1 TOOD	l 1 -	 1000	1000!	1 1000	1000	-1	10001	1000	1000	100
EHPLOIS	 1 	 	! 			1					
IDTAL SORTIES INTERMEDIATRES	1 845 	-	635	8361	6481	8341	-1	814	631	762	8
CONSOMMATION DES MENAGES	1 72	! -	1 56	 105]	139	481	 -	1221	38	1 671	
FORMATION BRUTE DE CAPITAL FIXE					- 1		- i				
EXPORTATIONS CE	i -				96		-1	13	102	91	
EXPORTATIONS PT	1 88	i -	1 60	371	117	64	-1	50	227	1 801	1
EXPORTATIONS TOTALES	1 83		1 79	56	213	116	-	64	326	171	1
IGTAL EMPLOIS FINALS	1 1000	i -	1 1000	1 1000	1000	1000	- [1000	1000	1000	10
	1	!	1				ا 		 -		
IDIAL RESSOURCES/EMPLOIS	1	1	ļ.	1		1				! .!	
- MRD ECU	40.1		1.4								
- MRO SPA	43.6	31 -	1 1.3	7.6	3.2	13.3	- 1	7.4	2.7	1 .5	9

MARITIME, AIR TRANSP. 63 TR. MARITIME, AERIEN

	I FUR-6	B	DK I	0 [ESP	F	GR	1	NL I	Ρļ	UY.
RESOURCES	1										
TOTAL INTERNEDIATE INPUT	1 5791	ļ	6541	467	567	6351	i	566	312	6611	59;
VALUE AUDED - MARKET PRICES	272	-1	325	3031	3811			390	185	124	23
ACTUAL OUTPUT	854	-	980	773	948	780	-	957	497	785	826
IMPORTS FROM THE EC COUNTRIES			61	82	12	117	- 1	21	116	861	54
1MPORTS FROM THIRD COUNTRIES	1 1991	-	14	1461	401	94	- 1	2 2	387	1291	120
IOTAL IMPORTS	144	-	101	22/1	521	211	-1	431	5031	215	174
TOTAL RESOURCES	1 1000	-	10001	1000	0001	1000	-1	1000	1000	1000	1000
USE S							·····				
IOTAL INTERMEDIATE OUTPUT	302	-	171	424	2091	260	-	167	476	295	233
CONSUMPTION OF HOSEHOLDS	i i 1 145	i -i	i 781	75	191	1021	-1	100	119	561	205
GROSS FIXED CAPITAL FORMATION	1 51	-1	191	ii	11	- 1	-i	11	31	-1	10
EXPORTS TO EC COUNTRIES	1 -1	- i	1731	1671	271	132	-1	1341	126	3441	142
EXPORTS TO THIRD COUNTRIES	449	- İ	5601	3331	328	506	- 1	598 i	276	305	411
TOTAL EXPORTS	549		7321	500	6001	638	-1	732	402	6491	552
OTAL USES	1000] 1	-1	1000	1000	1000	1000	-	1000	1000	1000	1000
OTAL RESOURCES/USES	1 1								1		
- MRD ECU	47.1	- 1	2.4	9.21	3 21	7.7	-i	5.71	6.5	81	35.1
- MRD PPS	52.21	i-	2.21	8.61	4.51	7.71	-i	6.01	6.41	- 51	16.7

COMMUNICATIONS 67 COMMUNICATIONS

1	EUR-8	B	DK	0	ESP	F	GR 1	1	NL I	P	UK
RESSOURCES					1	~			i	1	
TOTAL ENTREES INTEPHEDIATRES	1921		281	99	96			282		135	24
VALEUR AJOUTEE - PRIX DU MARCHE	783	-	697	684	699	713	-	692	8581	847	73
RODUCTION EFFECTIVE	987	-	3000	993	994	988	-	979	1000	961	96
IMPORTATIONS CE	-	-		1	1	6	-	6	-	7	
IMPORTATIONS PT	13							_		11	3
IMPORTATIONS TOTALES	13		- 1					21	-	19	3
TOTAL RESSOURCES	1000	-	 1000	1000	1000	 1000	-	1000	1000	10001	100
EHPLOIS			 			 	 				
IOIAL SORTIES INTERMEDIAIRES	636	-	641	580	 641 	 676 	 -	664	631	697	63
CONSOMMATION DES MENAGES	1 323	-	l I 359	411) 347	(313	l –	315	328	2941	23
FORMATION BRUTE DE CAPITAL FIXE	24	i -	- 1	- 1	i -	1 -	i -	i -	11	I - I	
EXPORTATIONS CE	1 -	۰ I	- 1	1 2	5	5	- 1	4	2		
EXPORTATIONS PT	1 16	I -	- 1	7	16	1 5	1 - 1				3
EXPORTATIONS TOTALES	17	-		i 8	1 11	11	-	1 21	1 31	6	4
TOTAL EMPLOIS FINALS	1000	, 1 - 1	1000	1000	1000	1 1000	-	1000	1000	1000	10
TOTAL RESSOURCES/EMPLOIS	!	 1	 I	 !	 	1	1	 I	!	1	•
- MRD ECU	48.1										
- MRD SPA	1 52.1	1 -	1.6	13.5	3.6	1 10.0	1 -	1 7.1	1 2.6	1 .71	14

.