



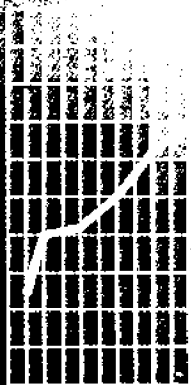
1992-93

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Australian National Accounts

Input-Output Tables

Statistics ■





**AUSTRALIAN NATIONAL ACCOUNTS
INPUT-OUTPUT TABLES
1992-93**

**W. McLennan
Australian Statistician**

AUSTRALIAN BUREAU OF STATISTICS

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(a) All tables for 1992-93 are available on floppy disk. See order form in Appendix E.

INQUIRIES:

- *about these statistics in this publication and the availability of related unpublished statistics*, contact Dr Annette Barbetti on Canberra (06) 252 6908, Mrs Doris de Zilva on (06) 252 6643 or any ABS State office.
- *for information about other ABS statistics and services* please refer to the back page of this publication.

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PREFACE

This publication contains input-output tables for 1992-93. The tables are also available on floppy disk. Input-output tables are part of the Australian national accounts, complementing the quarterly and annual series of national income, expenditure and product aggregates. They provide detailed information about the supply and disposition of commodities in the Australian economy and about the structure of and inter-relationships between Australian industries.

With the release of tables for 1992-93, the ABS has completed 14 input-output tables for Australia. They are for reference years 1958-59, 1962-63, 1968-69, 1974-75, for each year from 1977-78 to 1983-84, 1986-87, 1989-90 and for 1992-93. Commencing with the 1974-75 tables, an estimation methodology involving a combination of clerical and mathematical estimation techniques was introduced and it has been used in compiling the current tables.

The publication *Australian National Accounts, Input-Output Tables (Commodity Details)* (5215.0) for 1992-93 will be released shortly. It will provide details of the classification of goods and services used in the compilation of input-output tables (the Australian Input-Output Commodity Classification (IOCC)). For the manufacturing commodities, it will provide data for commodity groups because of limited data availability from the 1992-93 Manufacturing Survey.

**Australian Bureau of Statistics
Belconnen, A.C.T. 2616
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**W. McLennan
Australian Statistician**



CHANGES IN THIS ISSUE

1. Previous 5209.0 publications included microfiche containing all major tables. Commencing from this issue, microfiche is no longer provided. However, all the tables that used to be provided on microfiche will be available on floppy disk (see Appendix E of this publication for details).
2. The full Make matrix (Table 1), which was formerly available only on microfiche or floppy disk, is now included in 5209.0, using a new format. This table is also available in the old format as a special data service.
3. The other major tables which were provided only on microfiche are no longer included in this publication, but are available on floppy disk (see Appendix E). These tables are the Imports matrix and the disaggregated (113 industry) industry by industry tables (Table 3 and Tables 5 to 10 in previous 5209.0 publications). Where these tables are mentioned in the Explanatory Notes, their table numbers are followed by an asterisk.
4. As a result of these changes, the numbering of the printed tables in this publication has been changed. However, the corresponding table numbers on the floppy disk have not been changed.
5. The *Input-Output Multipliers* publication (5237.0) has been discontinued. Commencing from this issue, the multiplier tables are included in this publication. Information about the multipliers and how to use them is provided in the publication *Introduction to Input-Output Multipliers* (5246.0).
6. The 1992-93 input-output tables are the first published set of input-output tables based on the 1993 *Australian and New Zealand Standard Industrial Classification* (ANZSIC) and contain 113 industries at the disaggregated level and 35 industries at the aggregated level. The 1989-90 tables were based on the 1983 *Australian Standard Industrial Classification* (ASIC) and contained 109 disaggregated and 28 aggregated industries respectively. The relationship between the new ANZSIC based Input-Output Industry Classification and the 1993 ANZSIC is shown in Appendix B.
7. From reference year 1992-93 onwards, input-output tables will be compiled annually, with improved timeliness. The 1993-94 tables are expected to be published in April 1997.



EXPLANATORY NOTES

Introduction

1. This publication contains results of the 1992-93 input-output project. A selection of tables is provided as printed copy. Comprehensive results, data contained in this publication (5209.0), plus the imports matrix and the disaggregated (113 industry) industry by industry flow tables and fourteen margin matrices, are also available on floppy disk. Details of this service and an order form are included in Appendix E.

2. The industry classification used in this publication is different from that used in the 1989-90 input-output tables. The 1992-93 tables are based on the *Australian and New Zealand Standard Industrial Classification* (ANZSIC) whereas the 1989-90 tables were based on the *Australian Standard Industrial Classification* (ASIC). However, the definitions and estimation procedures are the same as those used for 1989-90.

3. The 1992-93 input-output tables are the 14th in the series. Input-output multipliers are presented in this publication for the first time. Table 17 contains output multipliers for the 35 aggregated input-output industries and paragraphs 115 and 116 contain further details.

4. These input-output tables have been produced using the input-output methodology introduced for the compilation of the 1974-75 tables. It involves estimating from basic data sources the summary aggregates (industry output, primary inputs and final demand) and then estimating intermediate inputs from the preceding tables in the series using a mathematical estimation technique to satisfy optimally the accounting constraints imposed by the summary aggregates. In input-output literature, this estimation technique is referred to as the RAS method. Estimates provided by the simple application of the RAS method are modified in two ways. First, each intermediate flow is modified, after reference to economic censuses or similar data sources, according to a rotating program. Second, in the intervening years, estimates provided by the simple application of the RAS method are improved upon, wherever possible, by reference to economic censuses or similar data sources. The modifications made to the initial RAS-based estimates, as well as involving the separate estimation of selected inputs using basic data, involve the re-estimation of the remaining intermediate inputs, again using the simple RAS method. Potentially, all the remaining intermediate inputs may be changed as a consequence of modification. Highly disaggregated working matrices are used in the application of the modified RAS method to the compilation of the tables. The modified RAS method is applied to working matrices with 113 industries and approximately 1,100 commodities. (Because of confidentiality and other data considerations the final working matrices are aggregated to contain 113 commodity groups for publication.) Appendix A to this publication illustrates the RAS method and a paper is

available in which the method and its application are discussed in detail (see paragraph 120).

5. The tables compiled according to the Australian input-output methodology provide a useful reflection of the structure of the Australian economy for the year in respect of which they are compiled. Nevertheless, care should be taken in interpreting the tables in this publication and in analysing year-to-year movements in flows and coefficients, particularly in the context of detailed industry or commodity analysis. Discontinuities in time series can occur because the input-output tables for earlier years are not revised to reflect the latest source data available.

6. In recent years, there has been considerable development in input-output statistics. Input-output tables are now compiled in all statistically advanced (and many less advanced) countries and are being used in a variety of applications. They can be used in complex mathematical models of the economy but they can also be of considerable benefit to non-economists who may refer to them to obtain information on the economic structure of the country and an appreciation of the interdependence of various parts of the economy. There are many publications available that deal with aspects of input-output techniques in a more exhaustive and systematic way than would be possible here. A comprehensive list of such publications is maintained and occasionally updated by the United Nations Statistical Division.

Basic structure of input-output tables and their relationship to other national accounts

7. The structure of the Australian input-output tables is summarised in the following diagram. A more detailed description of their structure and their relationship to the Australian national income, expenditure and product accounts is provided in the latest edition of the publication *Australian National Accounts: Concepts, Sources and Methods* (5216.0), released in May 1990. An updated version is available in *The Statistical Concepts Reference Library on CD-ROM* (1361.0).

8. The 1992-93 input-output tables have been compiled in terms of 113 industry sectors. The 113 sectors in the first quadrant of the large tables have been aggregated to form smaller tables with 35 sectors, as shown in Appendix B. Although the sectors in the small tables are not as homogeneous as those in the larger tables, it is expected that the aggregated tables will be more convenient for some purposes, and will enable users to gain an appreciation of the essentials of input-output tables.

Basic matrices

9. Regardless of whether commodities or industries are used to define the sectors, the initial assembly of data

STRUCTURE OF AUSTRALIAN INPUT-OUTPUT TABLES
Direct allocation of imports, Basic values, Recording of intra-industry flows

		To		From		Row prefix		Intermediate Demand					Final Demand							Final Demand (sub-total)		Total supply (grand total)												
								Agriculture, etc.	Mining	Manufacturing, etc.	Construction	Services		Final consumption expenditure — private	Final consumption expenditure — government	Gross fixed capital expenditure — private	Gross fixed capital expenditure — public enterprises	Gross fixed capital expenditure — general government	Increase in stocks	Exports of goods and services														
								0101-0400	1100-1500	2101-3701	4101-4102	4501-9601		Q1	Q2	Q3	Q4	Q5	Q6	Q7														
Intermediate inputs				Agriculture		0101-0400		QUADRANT 1 INTERMEDIATE USAGE					QUADRANT 2 FINAL DEMAND																					
				Mining		1100-1500																												
		Manufacturing, etc.		2101-3701				QUADRANT 3 PRIMARY INPUTS TO PRODUCTION					QUADRANT 4 PRIMARY INPUTS TO FINAL DEMAND																					
		Construction		4101-4102																														
		Services		4501-9601				QUADRANT 3 PRIMARY INPUTS TO PRODUCTION					QUADRANT 4 PRIMARY INPUTS TO FINAL DEMAND																					
		Intermediate inputs (sub-total)																																
Primary inputs		Wages, salaries and supplements		P1				QUADRANT 3 PRIMARY INPUTS TO PRODUCTION					QUADRANT 4 PRIMARY INPUTS TO FINAL DEMAND																					
		Gross operating surplus		P2																														
		Commodity taxes (net)		P3				QUADRANT 3 PRIMARY INPUTS TO PRODUCTION					QUADRANT 4 PRIMARY INPUTS TO FINAL DEMAND																					
		Indirect taxes n.e.c. (net)		P4																														
		Sales by final buyers		P5				QUADRANT 3 PRIMARY INPUTS TO PRODUCTION					QUADRANT 4 PRIMARY INPUTS TO FINAL DEMAND																					
		Imports		P6																														
		Australian production						QUADRANT 3 PRIMARY INPUTS TO PRODUCTION					QUADRANT 4 PRIMARY INPUTS TO FINAL DEMAND																					

The shaded areas correspond to aggregates shown in the National production account.

corresponds to aggregates shown as the components of 'gross domestic product' at market prices.

corresponds to aggregates shown as the components of 'expenditure on gross domestic product'.



is the same. It is necessary to record the commodity flows in the economy in a way suitable for input-output analysis. A system of building blocks is used, each of which shows, for a commodity (or, more commonly, a combination of commodities):

- its origin, or source of supply, divided into local production from various industries, and imports;
- its destination, classified into usage by various industries and final demand categories; and
- the difference (or margin) between the basic value and the purchasers' price of each commodity.

10. Recording supplies by industry of origin does not present any difficulty apart from the necessity to classify imports in the same way as locally produced commodities. The destination of commodities is more difficult to determine. The first requirement is information on the usage by each industry and final demand category, both in total and for the constituent commodities. Although the using industries can supply information on the nature of their inputs, the descriptions may be broad and may differ from descriptions used by the suppliers of the same commodities. Where the information is not available in sufficient detail it must be estimated.

11. Once these building blocks are ready they are arranged into four matrices. The first of these is the *make matrix* (Table 1) which shows the total output of each of the locally produced commodities (in bold type) and the output of each of the local industries that produced that commodity (in normal type, following the commodity heading). Characteristically, the largest entry for each commodity belongs to the industry to which that commodity is primary. The market shares of each industry producing a given commodity can be calculated by dividing that industry's output of that commodity by the total output of that commodity group. The *coverage ratio* is the market share of the industry to which the commodity is primary. Alternatively, one could reorder the make matrix to show the total output of each of the local industries followed by the output of each of the commodities that it produced. (For reasons of space, this version of the make matrix has not been shown in the publication). The ratio between the production by an industry of commodities primary to it and its total output is called the *specialisation ratio*.

12. The specialisation and coverage ratios measure the homogeneity of industries. If both ratios are 100 per cent, there is an identity of industry output and supply of the commodity from domestic production (i.e. there is no secondary production and inputs and outputs are perfectly symmetrical). In practice, ratios of 100 per cent are rare and the available data have to be manipulated in order to minimise the problems posed by the existence of secondary production and to produce estimates of input and output which can be more usefully related to

one another. This can be achieved by combining narrowly defined industries to reduce the extent of secondary production. It can also be achieved during the estimation of commodity flows by a process known as *redefinition* which means shifting some secondary production, together with the relevant inputs, from the industry where it was produced to the industry to which it is primary.

13. The second basic matrix, which is commonly referred to as the *absorption matrix* (Table 2), has commodity groups and primary inputs in its rows, and using industries and final demand categories in its columns. The rows of this matrix record the total supply of commodities, whether locally produced or imported, and show how these commodities are absorbed by industries as intermediate inputs to current production and by final demand categories. Further down, the rows designated by prefix *P* show the primary inputs which have been purchased by industries and by final demand. Reading down the columns one can find the composition of inputs (intermediate and primary) into each industry and composition of each final demand category. All flows of goods and services in the economy are covered.

14. The third basic matrix is the *imports matrix* which shows in the rows the industries to which the imported commodities would have been primary had they been produced in Australia, and in the columns the usage of these commodities by industries and final demand categories. This dissection is compiled only for competing imports, i.e. those commodities which are both produced locally and imported so that substitution between the two sources of supply is possible. It is not compiled for complementary imports which, by definition, are of a kind not produced in Australia; nor for re-exports which are goods imported into Australia and then exported without having been used or transformed in any way (see Appendix C). These are recorded in separate rows rather than in the rows of industries to which they would have been primary if they had been produced in Australia. The imports matrix has not been included in this publication but is available on request (see Appendix E).

15. The fourth basic matrix is the *margins matrix* which shows the difference between the basic value and purchasers' price of all flows in the absorption matrix. The margins matrix is the sum of separate matrices for each type of margin (for example, commodity taxes (net), wholesale, retail). Table 3 in this publication provides a summary margins matrix. The component margins matrices are not included in this publication but are available on request.

16. These four basic matrices are simply a record of the estimated flows of goods and services in the economy. However, the absorption matrix is not symmetrical, which makes it unsuitable for some analytical purposes. It can be made symmetrical by reorganising it so that both rows and columns refer

either to industries or to commodities. In the first case, rows of the absorption matrix have to be adjusted to show industries purchasing industry output rather than commodities. In the second case, columns of the absorption matrix have to be adjusted so as to show inputs relevant to the production of commodities. These adjustments lead to symmetrical flow tables which are either industry-by-industry or commodity-by-commodity tables. Only industry-by-industry tables have been prepared for this publication.

Special treatments adopted in compiling input-output tables

17. The content and meaning of the tables depend also on some other aspects of compilation, particularly:

- treatment of intra-industry transactions;
- allocation of imports; and
- valuation of transactions.

There are various methods available for dealing with each of these and there are several types of tables which can be prepared from the same basic data.

Treatment of intra-industry transactions

18. Depending on the treatment of intra-industry transactions the output of an industry can be defined in three different ways according to whether, and to what extent, these transactions are counted as part of the output.

19. The output of an industry can be defined as the total value of all flows of commodities produced by the establishments classified to the industry. All intra-industry flows are included as output when it is defined in this way. For example under this definition, the output of the *motor vehicles and parts; other transport equipment* industry (2801) would consist not only of fully assembled vehicles but also of motor bodies, engines and other components despatched from (or added to stock by) any unit recognised as an establishment for statistical purposes. This definition of output disregards the fact that many of these components will have been incorporated in finished motor vehicles and therefore will have been counted twice. Output calculated according to this definition could be as much as twice or three times the value of finished products of the industry.

20. Another possible definition of the output of an industry confines output to commodities produced by establishments within the industry and sold outside the enterprise. This definition, too, results in some duplication because the components manufactured and sold by one enterprise are all counted separately although they may have been used in a finished product of another enterprise in the same industry and counted again in the value of this product. Moreover, the

components despatched from one establishment could be omitted entirely or counted either partly or wholly depending on whether they were used by another establishment of the same enterprise or by a different enterprise.

21. Finally, the output of an industry can be defined as net of all intra-industry transactions; i.e. excluding not only the transfers between the establishments in industry i belonging to the same enterprise but also all flows between establishments in industry i belonging to different enterprises. If this definition of output is used, the input-output table is said to be *net* and the main diagonal of an industry-by-industry table is empty. If one of the other definitions is used the table is *gross* and there are entries on the main diagonal.

22. For 1974-75 and subsequent tables, intra-industry flows are included in the tables, which means that the estimates of output can be directly compared with other information about an industry. A further consequence of recording intra-industry transactions is that the level of output is unaffected by the number of industries used (that is, by different levels of industry aggregation).

Allocation of imports

23. There are various ways available to record imports in input-output tables. The main ones are:

- (a) *Direct allocation of imports* which involves allocating all imports directly to the sectors which use them. For example, imported raw tobacco is allocated to the *tobacco products* industry (2112) and, together with other imported materials used in manufacturing *tobacco products*, is recorded in row P6 of column 2112. In this case, all flows recorded in Quadrants 1 and 2 refer only to the use of local products and consequently Quadrant 1 does not reflect the technological input structure of the industry.
- (b) *Indirect allocation of imports*, which involves first recording all imports as adding to the supply of the sector to which they are primary and then allocating this supply along the corresponding row of the table to using sectors. For example, imported raw tobacco is allocated to the *other agriculture* industry (row P6, column 0107) and both local and imported raw tobacco flow into the *tobacco products* industry (row 0107, column 2112). The result is that flows in Quadrants 1 and 2 contain imported and locally produced commodities without distinction. Quadrant 1 then better reflects the technological input structure of the industry and Quadrant 2 better reflects the commodity composition of final demand.
- (c) *Direct allocation of complementary imports and indirect allocation of competing imports*. This method involves first distinguishing between complementary and competing imports and then

allocating the first group directly and the latter indirectly. For example, imported raw tobacco is a competing import and is indirectly allocated to the *other agriculture* industry (row P6B, column 0107), but natural rubber, a complementary import, is allocated directly to the *rubber products* industry (row P6A, column 2509).

Each of these methods has advantages from an analytical point of view but each also can lead to conceptual and compilation problems.

24. Direct allocation of imports is appropriate for many analytical purposes. However, if substitution between imports and domestic production is known to occur, in order to allow for the probable effects of specified import replacement or substitution it would be necessary to adjust the imports matrix and to recalculate the industry-by-industry tables. In addition, the application of this method requires identification of the destination of each imported commodity. Although the proportion of imports in total supply (and therefore in total usage) for each commodity can be established, it may not be known for individual using sectors. Of course, it is possible to proceed if one assumes that each using sector draws on imports and local production in the average proportions established for the total supply of each commodity. In this publication, tables with direct allocation of competing imports have been prepared using this assumption. The assumption was applied to detailed working matrices (approximately 1,100 commodities and 113 industries) which were subsequently aggregated for publication.

25. Indirect allocation of imports is appropriate, in the sense that it will result in stable input-output coefficients, where the inputs to the domestic sector to which each imported commodity is primary are representative of the inputs required to produce the import domestically. Where this is not so, the method will give misleading results. For instance, if coffee (which is treated as a complementary import) were distributed with the *other agriculture* commodity (0107), an increase in the demand for coffee would necessitate an increase in the output of the *other agriculture* industry (0107). This, in turn, would require an increase in the inputs to that industry as specified in the published tables unless a specific adjustment is made to the tables. It is easy to compile tables using this method. The only problem which has to be overcome is matching each imported commodity with the local industry to which the commodity is primary, or would have been primary if it were produced locally.

26. The third method modifies the second to take account of complementary imports. To apply this method, it is necessary to distinguish between competing and complementary imports, so that the latter can be allocated directly to the using sectors. This distinction may appear to be obvious at first sight, but in practice it

is difficult to apply. A competing import can be defined as one which is a good substitute for a locally produced commodity. However, in general, this cannot be determined objectively and so is largely a matter of judgement. Moreover, each competing import has to be matched with a locally produced commodity and this also presents difficulties because rarely is there a one-to-one correspondence between local and imported items.

27. Complementary imports could be defined as those for which no suitable substitute is produced locally, but determining what is a suitable substitute is largely a matter of judgement. Since complementary imports should be allocated directly, it is necessary to identify their destination which may present some practical difficulties. However, the number of commodities involved is usually small and the nature or the description of these commodities frequently provides sufficient guide to their probable destination.

28. In principle, complementary imports are those commodities not produced in Australia (e.g. natural rubber) but the practice is somewhat different. All imports for which there is insufficient information to classify to a specific industry of origin, are treated as complementary imports in these tables. Other imports which, in principle, are complementary are not treated this way if they have a value of less than \$1 million in ABS import statistics. Appendix C provides a list of imports which have been treated as complementary (including the unclassifiable commodities).

Treatment of customs duty and excise tax

29. Customs duty has been allocated in conjunction with imports in all tables. This treatment implies that the landed value of imports (including duty) is considered to be conceptually comparable with the value of similar domestic products at basic values. However, this does not apply to customs duty on commodities for which an excise tax is levied on domestic production. These duties have been defined to be a component of commodity taxes (net). In tables with indirect allocation, competing imports c.i.f. and their duty are distributed together in rows 0101 to 9601, but each of these components is shown separately, in rows P6B and P7B, in the column of the industry to which the commodities are primary. In these tables customs duty on complementary imports is shown in row P7A, in the column of the using sector.

30. In tables with direct allocation, imports c.i.f. and the corresponding duty are shown separately for complementary and competing imports in the column of the using sector. Since all imports are allocated directly in these tables, such a distinction may appear to be superfluous. It has been maintained because, while the (direct) allocation of complementary imports is based on the analysis of the nature of each commodity and its destination, the allocation of competing imports is based on the assumption that users draw on supplies from local and overseas sources in the proportion ascertained in total for each commodity.

Valuation of transactions

31. Input-output tables record only those flows of goods and services which have been locally produced, imported or drawn from local stocks during the reference period. Therefore some transactions are outside the scope of the input-output tables and so are not recorded in them. The most important exclusions are financial transactions, such as loans, interest, purchases of securities, etc. Other transactions have to be modified before they can be included in the tables. For instance, flows of commodities are commonly reported as sales and purchases, but the input-output tables should record output and usage. Output will differ from sales, and input (or usage) will differ from purchases by the amount of stock change (positive or negative) in both cases. Output is calculated as sales plus change in stocks of finished goods plus change in stocks of work in progress, and input is calculated as purchases less change in stocks of materials. Changes in stocks are recorded in a separate final demand column (Q6) in the row of the industry of origin. Entries in this column refer to changes in stocks of both locally produced and imported commodities, regardless of whether they are held by producers, dealers or intermediate users. Input-output tables do include some elements which are not market transactions, such as the rent of owner-occupied dwellings and home-produced food consumed on farms.

32. The flows in input-output tables can be valued in several ways. The choice depends partly on the intended use of the tables and partly on availability of data (including the assumptions that can reasonably be made where data are lacking). The valuation conventions most commonly used are basic values, producers' prices and purchasers' prices. *Basic value* is the 'ex-plant' value or net price received by the producer exclusive of commodity taxes (net) and other indirect taxes less subsidies. *Producer's price* is the price received by the producer inclusive of commodity taxes less subsidies and exclusive of margins and other indirect taxes less subsidies. *Purchaser's price* is the cost of the commodity to the purchaser. The difference between the cost of a commodity to the purchaser and the net price received by the producer is composed of margins such as transport and storage services, marine insurance, and wholesale and retail margins. Regardless of whether the producer or the purchaser initially pays for the margins, the concept of producers' prices excludes the margins and the concept of purchasers' prices includes them.

Margins

33. If the transactions are valued at producers' prices, the margins are recorded as inputs from the appropriate sector (e.g. transport, wholesale trade) to the intermediate users or final buyers, as the case may be. If the transactions are valued at purchasers' prices these elements are shown as inputs to the producing sector whose output, including all marketing costs, is then absorbed by users. However, where imports are allocated directly they cannot be said to originate in any local

producing sector and the margins on these imports have to be shown as inputs to the using sector.

34. Whichever method is used, a complicated estimation process will be necessary before the transactions can be valued in one of these ways. First, input and output statistics from economic censuses are not available on the same valuation basis. Most output statistics are on an ex-plant or similar basis but input statistics are normally available at the price paid by the user. Second, margins apply only to those flows of commodities which have actually passed through the 'margin' industries. Any commodities delivered directly from producer to user, without intervention of 'margin' industries, are obviously unaffected by margins.

35. The incidence of margins can vary considerably between users, depending on the channels through which they obtain their supplies. For instance, most producers would not buy their requirements through retailers while practically all households do so. If transactions are recorded at purchasers' prices, then the relevant margin elements of marketing costs are shown as inputs to the producing sector and thus become a function of its output. There is no reason to expect this function to be stable over time. Any change in the disposition of the output may affect the channels of distribution and, therefore, the level of inputs from the 'margin' industries, although the nature and the level of the output itself may remain unchanged. The valuation at producers' prices avoids this difficulty and results in more stable input coefficients.

Commodity taxes and subsidies

36. The treatment of commodity taxes in input-output tables creates special problems which can only be solved by the use of conventions. The concept of producers' price includes commodity taxes. If transactions are valued at producers' prices, commodity taxes are recorded as being paid by producers. However, commodity taxes do not accrue to producers, are not levied on all commodities, and can vary significantly between different uses and over time, for reasons which have nothing to do with production. For instance, sales tax may not be payable on exports or on government purchases of some commodities, but it may be quite heavy on the same commodities bought for personal consumption. Therefore, if commodity taxes were included in the value of commodities on which they are levied, the flows would not be valued uniformly and the subsequent manipulation of the tables could give quite erroneous results. This problem can be avoided by recording the commodity flows at the value at which they leave the producers before commodity taxes are charged and showing these taxes separately from the commodity flows where they arise. When this procedure is adopted, the flows are said to be at basic values and this is the basis of valuation adopted in most tables in this publication. In these tables all flows of commodities exclude both commodity taxes and indirect taxes. These taxes are shown in separate rows. Commodity taxes are shown as

being paid by the users of the commodities on which the taxes are levied, while indirect taxes n.e.c. are shown as being paid by the industry that incurred them. In tables at producers' prices and at purchasers' prices, commodity taxes are shown as paid by the producer of commodities subject to tax. As with margin elements, this treatment of commodity taxes results in lack of uniform valuation of commodity flows and in the distortion of input-output relationships.

37. Commodity specific subsidies are treated as negative commodity taxes and the amounts shown in row P3 represent the difference between the two. In tables at basic values, commodity taxes are recorded as paid by purchasers. If the purchasers also bought some commodities which attract a subsidy, the amount of subsidy is deducted from commodity taxes paid by them. For example, the dairy industry subsidy is included in column 2102, row P3 as negative tax of the *dairy products* industry (2102). In a table at purchasers' prices, commodity taxes are shown as paid by producers of commodities subject to tax and subsidies are recorded as a negative tax on producers.

Reconciliation of flows

38. A summary reconciliation between the flows at basic values and at purchasers' prices is provided in Table 4, which shows the intermediate usage and final demand of each commodity group. In each set of four columns, the first column shows the usage at basic values for each category. Since competing imports are allocated indirectly in this table, the flows include both local products and competing imports and are therefore the same as in Table 2. The second and third columns show the commodity taxes less subsidies and the margin, respectively, associated with the figures in the first column. The sum of entries in the first three columns equals the usage at purchasers' prices. Detailed information about the type of margin on each flow in Table 2 is provided in detailed margins matrices available on floppy disk. Details concerning the availability of these are shown in Appendix E.

Margin and non-margin commodities

39. As noted earlier, if the flows were at purchasers' prices, the elements of margin would be recorded as inputs to the producing sector. However, the supply of commodity groups containing margin commodities consists of two parts: that which involves the movement of goods and that which represents other (non-margin) commodities. Only the first of these parts (e.g. freight of goods by rail or road) is treated as margin and allocated differently depending on whether the flows are at basic values or at purchasers' prices. The second part (e.g. railway fares) is treated as non-margin and is always shown as paid by purchasers. The components of the commodity groups contributing margin are provided in Table 16.

40. When reading the margins matrix, Table 3, the following should be kept in mind:

- (a) The entries in the rows containing margin commodities include the supply of the margin in the first column. This margin is shown separately in the third column. Only the non-margin supply is shown in the fourth column.
- (b) In some rows there are no margin entries. This happens not only with services but also with some goods producing industries whose output either goes from producer to user without the intervention of margin industries (e.g. construction) or has been defined so as to include distribution (e.g. electricity).
- (c) The figures at basic values in the *sales by final buyers* row (P5) are net figures (i.e. they represent the difference between purchases and sales by a particular sector) although margin figures in this row relate to purchases. Consequently, some margin entries in the row may look out of proportion to corresponding figures at basic values.

Assumptions made in compiling tables

41. The results of users' analyses will be correct to the extent to which input-output coefficients are stable, which in turn depends on the extent to which the main assumptions underlying the input-output estimates have been satisfied. One of these, the *homogeneity assumption*, postulates that:

- (a) each sector produces a single output (i.e. all the products of the sector are either perfect substitutes for one another or are produced in fixed proportions); and
- (b) each sector has a single input structure (i.e. one which does not vary in response to changes in product mix);
- (c) there is no substitution between the products of different sectors.

The other, called the *proportionality assumption*, postulates that the change in output of an industry will lead to proportional changes in the quantities of its intermediate and primary inputs (i.e. for any output, each of these inputs will be a fixed proportion of the total). Even though these assumptions may be realistic for the reference year, they become progressively less so for later years. The homogeneity assumption may be weakened by changes in product mix (and consequent changes in inputs), introduction of new products and/or materials, and substitution of imports for local production or vice versa. The proportionality assumption may be invalidated by economies of scale, technological change or substitution of factors (e.g. more capital, less labour).

42. The analyst may be in a position to allow for some of these changes. Estimates of input changes due to changed technology may be obtainable from technical experts or other sources and adjustments can be made for import substitution. These adjustments should be made to a table of direct requirements or a transactions table but not to a table showing total requirements. If desired, the adjusted table can then be used to derive new total requirements coefficients.

43. The input-output tables in this publication represent an open input-output system because the final demand sectors are *exogenous*, that is, determined by factors outside the system. In a closed system, all sectors are defined as interdependent which means, for example, that household consumption is treated like an industry and its inputs (i.e. the requirements of consumers) are part of the solution. The system in this publication is static because it takes capital accumulation as exogenously determined. Dynamic systems introduce explicit periods of time into the relationship between capital and output.

Derived tables

44. The basic matrices and the industry-by-industry tables are essentially an accounting record of the flows in the economy in the reference year. Using simplifying assumptions the input-output estimates can serve many analytical purposes. For instance, it is possible to estimate the levels of output of the production sectors required by a given final demand. The effect on other industries of an additional final output of \$100 million of the *motor vehicles and parts; other transport equipment* industry (2801) or of a 25 per cent change in exports of minerals can be calculated by assuming that average and marginal utilisation rates are the same. An impact analysis of this kind may be concerned with one, several or all sectors of the economy and can be carried out with the aid of the requirements tables described below. Because relative prices are continually changing and do change substantially from one year to the next (e.g. internationally traded basic commodities), it is useful to regard input-output tables as representing underlying quantities and technological relationships rather than values and value relationships. Even factor payments (wages, salaries and supplements and gross operating surplus) can be viewed as representing underlying quantities, namely quantities of employee services and of entrepreneurial and capital services. Unless the analyst makes adjustments for price changes, all proportions and values are in terms of the relative and absolute prices of the reference year.

Impact analysis

45. An impact analysis under an open static system is usually carried out with the aid of a set of derived tables. These tables can be derived from any of the flow tables, the choice depending on the nature of the proposed analysis. The first derived table is a matrix of direct

requirements coefficients. The second matrix, deduced from the first, is a table of total (i.e. direct and indirect) requirements coefficients.

46. By further manipulation of the derived tables, it is possible to produce special tables which go beyond impact studies and bring out other relationships. Two examples only of such special tables (Tables 10 and 11) are included in this publication to indicate some of the further possibilities of input-output analysis.

Direct requirements coefficients

47. A very simple application of the input-output table is calculating inputs as a percentage of the output of an industry and using these percentages for estimating the input requirements for any given output of that industry. In all the tables included in this publication (including tables with indirect allocation of imports), 100 per cent always represents total Australian production which is shown in row T2 in tables with indirect and direct allocation of imports. For example, for the *transport equipment* industry (17), Australian production is found in column 17, row T2 in Tables 4 and 7.

48. Direct requirements coefficients have different meanings depending on the treatment of imports in the flow table from which they are derived. If the flow table were characterised by a *direct allocation of competing imports* the coefficients in Quadrant 1 would only refer to the requirements for local production. For example, Table 5 shows that \$100 of output of the *transport equipment* industry (17) involves a direct requirement of Australian production from the *basic metals and products* industry (15) of \$9.85 (column 17, row 15). The requirement of transport equipment for imports is \$20.35 (rows P6A plus P6B). A detailed classification of imports by commodity is provided in the imports matrix which is available on request. Therefore, in using the direct requirements coefficients it would be necessary to assume unchanged usage of imports or, alternatively, to recalculate the coefficients using revised import usage characteristics. The usage of imports is also shown in the imports matrix.

49. If the flow table were characterised by an *indirect allocation of competing imports*, the coefficients in Quadrant 1 would include the usage of both imported and locally produced commodities. For example, Table 8 shows that \$100 of output of the *transport equipment* industry (17) involves a direct requirement of Australian production plus imports from the *basic metals and products* industry (15) of \$11.41 (column 17, row 15). Therefore, if the usage of a commodity by an industry remains unchanged, substitution can take place between imports and domestic production without affecting the size of the coefficients.

50. The coefficients for wages, salaries and supplements, gross operating surplus, commodity taxes (net), indirect taxes n.e.c. (net) and sales by final buyers are the same regardless of whether they are derived from

the tables with indirect or direct allocation of competing imports. However, the coefficients for imports and customs duties differ between these two types of tables. In the tables with an indirect allocation of competing imports, the entries in Quadrant 3 (the primary inputs quadrant) relate only to complementary imports; competing imports are included in Quadrant 1 since this shows the requirements of any given industry for the output of other industries and competing imports primary to those industries. In tables with a direct allocation of competing imports, the import entries relate to all imports used by the industry in the column.

Total requirements coefficients

51. The chain of calculations of output requirements can be continued beyond the direct requirements of an industry. For example, in order to produce output from the chemicals industry, inputs are required directly from the mining industry. But to supply this direct requirement, the mining industry itself requires inputs from the chemicals industry. To produce this indirect requirement of the mining industry, the chemicals industry needs, in turn, additional output from the mining industry, and so on in a convergent infinite series. This example has been confined to two industries directly dependent on each other but indirect requirements can arise even in the absence of direct dependence. For example, the mining industry may not directly require any inputs from agriculture but it requires inputs from chemicals which cannot be satisfied without input from agriculture. Therefore, there is an indirect requirement by mining for agricultural input.

52. The requirements can be traced, step by step, throughout the industrial structure, until the increments of output required indirectly from each industry become insignificant (which occurs after a few rounds). If this operation is carried out for all industries and the direct and indirect requirements are added together, a matrix of total requirements coefficients is obtained. However, if the number of industries is large the iterative method is too cumbersome and so the total requirements are calculated on a computer by the method known as matrix inversion. This is why the matrix of total requirements is frequently described as the inverse matrix and its coefficients as inverse coefficients. In this publication, they are referred to as *total requirements coefficients* and they are shown in Tables 6 and 9.

53. In these tables a coefficient at the intersection of row i (a typical row) and column j (a typical column) represent the output of industry i required directly and indirectly to produce \$100 of output absorbed by final demand (i.e. final output) of industry j . In using these coefficients one should bear in mind the assumptions about homogeneity and proportionality which are their foundation.

54. It should be noted that coefficients will differ according to the way imports have been allocated in the flow table on which the coefficients are based. If the flow

table were characterised by a direct allocation of competing imports, the total requirements coefficients in Quadrant 1 would refer only to the requirements for local production. For example, Table 6 shows that \$100 of final output of the *transport equipment* industry (17) involves a direct and indirect (or total) requirement of Australian production from the *basic metals and products* industry (15) of \$15.14 (column 17, row 15). Therefore, in using the coefficients, it would be necessary to assume unchanged usage of imports or, alternatively, regulate the coefficients using revised import usage characteristics. The usage of imports is shown in the imports matrix.

55. If the flow table is characterised by an indirect allocation of competing imports, the total requirements coefficients of Quadrant 1 include the usage of both imported and locally produced commodities. For example, Table 9 shows that \$100 of final output of the *transport equipment* industry (17) involves a direct and indirect (or total) requirement of Australian production and imports from the *basic metals and products* industry (15) of \$22.55 (column 17, row 15). Therefore, providing the usage of a commodity by a particular industry remains unchanged, substitution can take place between imports and domestic production without affecting the size of the coefficients. In using these total requirements coefficients, a separate assessment of the proportion of these requirements which is likely to be satisfied by imports would need to be made, unless it can be assumed that the requirements to meet a specified level of final demand can be satisfied from domestic production.

56. All coefficients in the requirements matrices relate to flows from industry to industry. Consequently, the answers obtained by applying these coefficients will be in terms of the output of industries and not commodities primary to these industries.

57. All tables of total requirements coefficients characteristically have a diagonal entry in excess of 100. These small excesses over 100 shown in all diagonal entries are due to indirect requirements affecting each industry through other industries. This means that to meet \$100 of final demand for the output of a particular industry, the industry itself has to produce that \$100 (for final demand) plus any direct or indirect requirements for its output resulting from its requiring inputs from itself or other industries.

58. Impact calculations in an open input-output system require independent specification of final demand for the output of each sector in the table. If final demand is specified at purchasers' prices while the answer is sought in basic values, the reduction of the former to the latter can be carried out with the aid of Table 3.

Specially derived tables

59. Instead of being expressed as total output, the requirements can be expressed as primary input content. This amounts to looking at the other side of the

fundamental national accounting identity which says that gross national expenditure plus exports of goods and services is equal to gross domestic product plus imports of goods and services. In other words, the final output of any industry is equal to the rewards paid to factors of production (wages, salaries and supplements; and gross operating surplus) and other primary inputs (indirect taxes less subsidies, imports and sales by final buyers) in all industries contributing directly and indirectly to this final output.

60. Each entry in the total requirements matrix represents the total output required from the industry in the row by the industry in the column for the purpose of producing \$100 of output absorbed by final demand. But each of these entries can also be thought of as the sum of its inputs and hence can be dissected into these individual components. The proportions obtained from the column of the supplying industry in the matrix of direct coefficients are used. These calculations are based on tables with direct allocation of all imports. According to the proportionality assumption (see paragraph 41), the amount of each kind of input used by an industry represents a fixed proportion of that industry's output.

61. Table 10 is derived as described above from the 113-industry tables corresponding to Tables 5 and 6 (Tables 6* and 7* on floppy disk). In the columns it shows the amount of each primary input contributed by all relevant industries to \$100 of final output of the industry in the row. The accounting identity mentioned in paragraph 59 means that the sum of entries in each row must equal \$100. The last row in the table can be interpreted as the composition of final demand in terms of primary inputs.

62. The table shows the amount of each primary input in \$100 worth of each industry's output entering final demand. As might be expected, the primary input composition of final output varies between industries. Thus, it can be seen that wages, salaries and supplements incorporated in final output range from 10.6 per cent in the case of *ownership of dwellings* (7701) to 85.7 per cent in the case of *education* (8401), while the ultimate complementary imports c.i.f. content of final output varies from 0.3 per cent in the case of *education* (8401) to 1.7 per cent in the case of *defence* (8201).

63. The calculations necessary to ascertain the amount of any primary input in \$100 of final output of any industry as shown in Table 10 may be illustrated by taking as an example the *motor vehicles and parts; other transport equipment* industry (2801) and by referring to Tables 6* and 7*. From Table 7*, it can be seen that to produce \$100 of final output, industry 2801 needs, directly and indirectly, \$13.7 of output from the *iron and steel* industry (2701). The primary input content of this output will be found in column 2701 of the direct coefficients matrix (Table 6*). Thus, wages, salaries and supplements represent 16.8 per cent, gross operating surplus 9.9 per cent, commodity taxes (net) 0.6 per cent,

indirect taxes n.e.c. (net) 1.4 per cent, sales by final buyers 1.8 per cent, complementary and competing imports 0.2 per cent and 7.0 per cent respectively, and duty on these imports 0 per cent and 0.2 per cent respectively. If we were to multiply each of these percentages by the input from industry 2701 to industry 2801, we should obtain the content of each primary input of industry 2701 in \$100 of final output of industry 2801. If similar calculations were carried out for each entry in column 2801 of Table 7* and summed, it would be found that \$100 of final output of industry 2801 incorporated the following amounts of each primary input contributed directly and indirectly by all industries on which industry 2801 relied for its supplies:

	\$
Wages, salaries and supplements	39.66
Gross operating surplus	22.69
Commodity taxes (net)	2.05
Indirect taxes n.e.c. (net)	2.66
Sales by final buyers	0.61
Complementary imports	0.55
Duty on complementary imports	0.00
Competing imports	30.38
Duty on competing imports	1.40
Total	100.00

Primary input content of final demand categories

64. For some purposes, it may be necessary to calculate the primary input content of each final demand category (shown in Table 11). In rows 0101 to 9601 there are two columns under each final demand heading. These show, for each industry, the wages, salaries and supplements and the gross operating surplus ultimately absorbed by that final demand category. Rows P3 to P7B show the other primary inputs which both directly and indirectly are included in that final demand. In this table these other primary inputs and the total of all primary inputs are shown in the lower part of the column for gross operating surplus. The entries in the table are in value terms and the sum of all entries under each final demand category is equal to the total for that final demand category as shown in the various transactions tables. The figures in the last column of Table 11 represent value added at factor cost (ie, wages, salaries and supplements *plus* gross operating surplus) for each industry, and the total value of each of the other primary inputs.

65. The table indicates the extent to which each primary input depends, directly and indirectly, on each category of final demand. For instance, it can be deduced from the table that wages, salaries and supplements accounted for 35.0 per cent of final consumption expenditure of households, 66.5 per cent of government final consumption expenditure and 30.9 per cent of exports, while commodity taxes (net) accounted for 7.5 per cent of final consumption expenditure of

households, 1.2 per cent of government final consumption expenditure and 3.0 per cent of exports. In addition, the total effect of a category of final demand on each industry may be considered rather than the direct effect which could be deduced from a transactions table. For example, according to Table 8* there are only very small exports of the output of the *electricity supply* industry (3601). These are electricity purchases by diplomatic posts in Australia and electricity supplied in Australian ports to ships operated by non-resident transport enterprises. Table 11 shows that a much larger percentage of the value added by the *electricity supply* industry is indirectly incorporated in the exported output of other industries.

Sources and methods

Classification of industries and commodities

66. The industrial classification used for the 1992-93 input-output tables is based on the 1993 edition of the *Australian and New Zealand Standard Industrial Classification* (ANZSIC), but, in some respects, departs from the usual application of that classification. ANZSIC is mostly applied to establishment units and this is the starting point for most of the input-output industries. However, for input-output tables it is desirable that an industry corresponds as closely as possible to the production of commodities primary to that industry. This applies especially where establishments classified to an industry produce significant amounts of commodities primary to another industry which has quite a different pattern of inputs. In these cases, where practical, secondary or subsidiary production is treated as output of the industry to which production is primary; this process is called *redefinition of production*.

67. The following are the major redefinitions made. Trading activity of miners and manufacturers is redefined to wholesale or retail trade, and any significant manufacturing activity of wholesalers is redefined to appropriate manufacturing industries. The input-output industries *mechanical repairs* (5401) and *other repairs* (5402) have no counterpart in ANZSIC. They are formed by redefinition of the repair activity undertaken by wholesalers and retailers. Significant capital work on own account, where not primary to the industry of the establishment undertaking the activity, is redefined to construction or an appropriate manufacturing industry. The imputed component of the *ownership of dwellings* industry (7701) is specified in the 1993 ANZSIC as being part of the *residential property operators* industry (ANZSIC class 7711). In addition, there are some areas of the economy - for example *construction* (4101 and 4102) and *agriculture* (0101 to 0107) - where the nature of available data or other considerations may preclude a strict adherence to ANZSIC sectoring. In these areas, the input-output industries are formed by the redefinition of commodities from an ANZSIC sector.

68. Some of the input-output industries correspond to single ANZSIC classes but it is not practicable to have an input-output industry for each ANZSIC class. The aim is to provide both a balanced picture of the structure of the economy and comparability between the latest input-output tables and earlier ones. For details, see Appendix B. Details of the Australian Input-Output Commodity Classification (IOCC) and concordances between the items in the classification and data source items of production, imports and exports are available on floppy disk.

Industrial output

69. In general, the output of industries is defined as the production of goods and services for use as inputs into industries or into final demand. Own account transportation is not shown separately but rather is included indistinguishably with the rest of producer's output. The estimation procedures used for each industry and the main changes from previous tables are given below.

70. In *agriculture* (0101 to 0107), the value of output is the ex-farm or local value which is estimated by valuing quantities of the various products. (The data are obtained mainly from the annual Agricultural Census and the Agricultural Finance Survey.) The value of containers, such as bags and cases, is added where appropriate to the *local* value of output to bring the treatment of rural industries into line with that of manufacturing industries. In *services to agriculture* (0200) the value of output is estimated by reference to measures of the usage by industries and in final demand of commodities primary to services to agriculture. The output of *forestry and logging* (0300) includes the value of forest products, and government and private current expenditure on management of forest resources. The information comes partly from ABS collections and partly from the reports of public authorities. The output of *commercial fishing* (0400) is the *local* value of the fish obtained from Australian Bureau of Agricultural and Resource Economics (ABARE) collections.

71. In *mining* (1101 to 1400), *manufacturing* (2101 to 2903), *electricity supply* (3601) and *gas supply* (3602), the estimates of output are based on information obtained in ABS economic censuses and surveys.

72. The starting point for the estimates of output is the sum of the following items derived from data collected in the economic censuses and surveys:

- sales and transfers-out of goods produced on the premises plus change in stocks of finished goods and work in progress;
- margin on merchanted goods;
- capital work on own account; and
- other specified operating income items.

The initial estimates for some industries have a product mixture which is not satisfactory for input-output purposes and in these cases some secondary output and associated inputs are shifted to the industry to which the output is primary.

73. In particular, it is important not to mix processing activity with trading activity because trading activity is treated in a special way in input-output tables. Accordingly, the trading activity of mining, manufacturing and electricity establishments is redefined, partly to wholesale trade and partly to retail trade. In doing this, it is assumed that the mining and manufacturing industries as a whole generally traded the same goods in the same proportions as did the wholesale and retail trade industries. It is also assumed that the percentage margin earned on these goods by manufacturers is the same as that earned by wholesalers or retailers dealing mainly in similar goods. For the purpose of redefinition, it is also necessary to estimate the inputs into gross margin earned by manufacturers. These estimates are based on the input structure of wholesalers or retailers.

74. Apart from trading activity, it is necessary to examine other components of the output of the *mining, manufacturing, electricity supply* and *gas supply* industries. Capital work on own account is the subject of special investigations undertaken to determine whether or not the activity is typically primary to the industry reporting it. In those cases where capital work on own account is large, where the activity is primary to another industry and where it is possible to identify the relevant inputs then it is desirable to redefine the capital work on own account to the industry to which it is primary. In other cases, where the capital work on own account is not primary to the producing industry, it is treated as output secondary to that industry.

75. Information on a range of other specified operating income items is also collected on economic census and survey forms. Investigations are undertaken for industries where revenue from manufacturing on commission is significant. Where commission work is carried out for a different non-manufacturing ANZSIC class, estimates are made of the value of the commodities produced and materials used and these are transferred to the industry to which the commodities are primary (usually the industry of the establishment carrying out the commission work). The commission is absorbed by inclusion in value of production. Where the commission work is carried out for establishments coded to a manufacturing ANZSIC class, the value of commodities produced is recorded in the output of the industry commissioning the work. It is assumed that the commissioning establishment does not further process the goods. The commission is recorded as an intra-industry flow.

76. Rent and leasing revenue is collected on economic census and survey forms, and investigations have been conducted into the components of this revenue. Where

the value of rent and leasing revenue is large, it is redefined. In other cases, it is treated as secondary production of the industry receiving it. Payments for rent and leasing are treated as purchases of commodities by the industry making the payment.

77. For tables published for reference years prior to 1983-84, the major component of the output estimate for the *services to mining* industry (1500), consisted of the revenue of establishments that provided services to the mining industries. The main service provided is drilling (on a contract or fee basis). For the tables in respect of reference year 1983-84 and subsequent years, the estimate of output includes the value of exploration activity undertaken on own account. This refers to the exploration undertaken by establishments as a service to their parent enterprises and for which these establishments receive no revenue. The output value attributed to this activity is the current cost of providing the service i.e. wages paid plus cost of goods and services used by these establishments. Services to mining such as assaying and geological surveying are excluded from this industry and are included in the *scientific research, technical and computer services* industry (7801).

78. The estimates of the output and input for the *services to mining* industry (1500) are derived using information obtained from the ABS surveys of mineral and petroleum exploration. Data from ABARE are also used in compiling the estimates.

79. The input value for the industry reflects production costs associated with the services mentioned above. The inclusion of the value of exploration activity undertaken on own account means that a positive gross operating surplus is recorded for the *services to mining* industry. This output value is shown as being used by the other mining industries: the estimate of gross operating surplus of those industries is reduced by a corresponding amount, and the net effect on the estimates of gross domestic product is, therefore, zero.

80. The output of the *residential building construction* industry (4101) represents the value of work done on new dwellings and the value of repairs to dwellings. The output of *other construction* (4102) comprises new construction other than on dwellings and all repairs to non-dwelling buildings and structures carried out by the construction industry. The estimates of the output of the *residential building construction* (4101) and *other construction* (4102) industries are based on information from a number of different sources, including ABS building statistics, surveys of construction and engineering construction, income tax data, public accounts, annual reports of public enterprises, other economic census and survey data (for own-account construction and sales of construction materials), the Household Expenditure Survey (for expenditure on construction and construction materials), etc.

81. The output of *wholesale trade* (4501) and *retail trade* (5101) is defined as gross margin on goods traded (difference between sales and cost of sales *plus* commission receipts) *plus* non-margin receipts. The value of goods handled is not included in the output of wholesalers and retailers who are thus considered to sell only distribution services. Estimates for the output of the *wholesale trade* (4501) and *retail trade* (5101) industries are based on information from ABS economic censuses and surveys of these industries. Note also that some wholesale and retail activity is redefined from other industries such as manufacturing. However, wholesalers and retailers sometimes engage in activities other than distribution such as manufacturing, repairing and leasing. In order to keep the distribution output separate, these activities should be either redefined to an appropriate industry or should be shown separately as non-margin output. These non-trading activities are treated as follows:

- manufacturing activity of wholesalers is redefined to an appropriate manufacturing industry;
- repair activity of wholesalers and retailers is redefined to one of the industries *mechanical repairs* (5401) or *other repairs* (5402) as appropriate; and
- rent and leasing revenue and service revenue, are treated as non-margin output of *wholesale trade* (4501) or *retail trade* (5101).

82. After the separation of non-trading activities, the gross margin on goods traded is estimated in total and by commodity. The margin on individual commodities is estimated by reference to the results of periodic ABS economic censuses and surveys of the wholesale trade and retail trade industries, to the results of supplementary investigations, and to the supply of commodities at basic values and usage at purchasers' prices.

83. In the *accommodation, cafes and restaurants*, industry (5701), restaurants, cafes, licensed hotels, and licensed clubs are covered by the economic surveys and a considerable amount of data from these collections is available on the output of this part of the industry. However, some adjustments are made for input-output purposes. First, the output of the industry includes a margin on sales of goods (e.g. beverages and cigarettes) that is treated in the same way as retail margin. Second, takings from meals served in cafes, hotels, etc. is treated as *meal preparation and presentation*, a service activity of this industry that forms part of its output. However, this part of output is not treated as a margin and is always allocated directly to the purchaser.

84. In the *transport and storage* industries (6101 to 6601) the output is defined as revenue derived from the activity of carrying goods and passengers for hire and reward, the storage of goods, and the provision of other

transport services. As with wholesale and retail trade, it is necessary to distinguish between the carriage of goods (freight) which forms part of the margin, and other services provided by transport industries which do not (e.g. furniture removal and passenger transport). Total rail, pipeline, air and water transport revenues are extracted from the reports of the enterprises concerned as far as possible. The estimate of output of the road transport industry is built up from information about items such as the supply of goods potentially carried, primary inputs, motor vehicle running costs, miscellaneous other costs, revenue for services provided, and data collected in ABS surveys. The estimates of transport margin by commodity are approximate because of the limited information about the type of goods carried by each mode of transport.

85. The *communication services* industry (7101) in 1992-93 included Australia Post, Telstra and since 1992 private sector companies. Estimates of output are based on the published accounts of these bodies and unpublished information made available by the enterprises. The output of the industry consists of postal, telegraph, telephone and telex revenue; commission earned on agency services (such as conduct of savings bank agencies); technical services provided to national broadcasting and television stations; international communication services and telecommunications satellites; and the coastal radio services.

86. In the *finance* industries (7301 to 7303), the definition of output of banks and similar financial enterprises (other than insurance companies) differs from that of other enterprises. The activities of these enterprises are financed to a large extent, or even predominantly, by the excess of the interest they receive over the interest they pay out. If they were treated similarly to trading enterprises (i.e., if their output were taken as equal to their explicit charges for services provided) it would not be sufficient to cover all their costs and to produce an operating surplus. Because of this characteristic of financial enterprises it is necessary to adopt a treatment different from that for non-financial enterprises. The convention adopted in Australian input-output tables from 1968-69 is that part of the interest received by financial enterprises is considered to be a service charge and, therefore, part of their output. This treatment is also followed in the national income, expenditure and product accounts where the imputed bank service charge is shown as negative operating surplus of a nominal industry. In the 1977-78 and subsequent input-output tables, the *imputed bank service charge* is included in the output of financial enterprises and disposed of to private final consumption expenditure and to individual industries. Because of the allocation of the imputed bank service charge to industries, it is taken into account in calculating the gross operating surplus for those sectors for which a net operating surplus is recognised and in calculating output for those sectors for which the gross operating surplus is defined to be equal to their consumption of fixed capital,

in the case of general government, or zero, in the case of private non-profit organisations. In addition to the imputed bank service charge, the output of financial enterprises includes explicit charges made to customers as well as rent and leasing revenue.

87. The output of financial enterprises covered in the *insurance* industry (7401) is also defined by a convention. The output of life insurance companies and superannuation and pension funds is defined as equal to the sum of administrative costs (i.e. wages, salaries and supplements; intermediate inputs; and indirect taxes n.e.c. (net)) and gross operating surplus. For other insurance enterprises, the output is defined as the difference between premiums received and claims paid. The output of insurance brokers and other enterprises servicing the insurance industry is defined as the value of revenue received.

88. Information on the output of banks, non-bank financial institutions, insurance companies and superannuation funds is available from ABS collections, the Insurance and Superannuation Commission and the Reserve Bank. There is very little information for some enterprises in the *finance, insurance, property and business services* industries (7301 to 7803), and the output estimates for these are largely built up from the input side by adding together estimates of primary inputs and estimates of the usage of commodities primary to these industries. The scope of the ABS economic censuses and surveys has been expanded to include enterprises in the *property and business services* industries (7702 to 7803). Estimates of the output and input for these industries are derived using information from ABS Service Industries Surveys. For those activities primary to the industry not covered by the surveys, estimates of output and input are derived from taxation statistics. The output of the *ownership of dwellings* industry (7701) is gross rent of dwellings (actual rent paid in the case of tenanted dwellings and an imputed rent for owner-occupied dwellings).

89. The output of the *government administration* (8101) and *defence* (8201) industries is the production of goods and services by general government units coded to these industries. It represents the relevant current final expenditures of general government plus revenue received from the sales of goods and services. The output is conventionally valued as the sum of intermediate inputs (including the imputed bank service charge); wages, salaries and supplements; general government consumption of fixed capital; and indirect taxes. Ideally, the estimates would be on an accruals basis for consistency with estimates for other industries but the data required for this purpose are not available. (Most estimates based on public accounts are on a cash basis rather than an accruals basis.)

90. The output of the *education* (8401); *health services* (8601); *community services* (8701); *libraries, museums and the arts* (9201); and *other services* (9601)

industries consists of three components. The first of these is production of goods and services by general government units, which represents the sum of intermediate inputs; wages, salaries and supplements; and indirect taxes. (By convention, general government gross operating surplus equals consumption of fixed capital.) The second is production by trading enterprises, such as doctors in private practice and private garbage disposal contractors, which represents revenue from services provided. The estimates are derived using either data on inputs (e.g. wages, salaries and supplements) or business income from *Taxation Statistics* (Australian Taxation Office). The last is production by the producers of private non-profit services to households, such as schools and churches, which is measured as the sum of intermediate inputs; wages, salaries and supplements and net indirect taxes. By convention, there is no operating surplus. The estimates are based mainly on public accounts.

91. The remaining industries, *motion picture, radio and television services* (9101); *sport, gambling and recreational services* (9301); and *personal services* (9501), cover a range of services rendered to persons and, to a lesser extent, to business. For the *motion picture, radio and television services* (9101) and *sport, gambling and recreational services* industries (9301), estimates are made using information from economic surveys where this is available (e.g. for motion picture theatres). Reasonable data are available from public accounts and published reports for public broadcasting and television stations. Total revenues are available for commercial broadcasting and television from the report of the Australian Broadcasting Control Board. For the remainder of this industry, the output estimates are built up from primary inputs, estimates of other costs and demand for the services provided.

92. For the *personal services* industry (9501), the economic surveys provide information about the output of men's and women's hairdressers, and laundry and dry cleaning establishments. For the remainder of the industry, output is estimated from the input side and from measures of the level of demand for the services provided.

Primary inputs

93. In general, primary inputs are conceptually and definitionally the same as the corresponding items in the national income, expenditure and product accounts and often the same estimates are used. However, imports in the input-output tables are shown c.i.f. rather than on the f.o.b. basis shown in national income, expenditure and product (and balance of payments) accounts estimates. The concepts and definitions for *wages, salaries and supplements* and *gross operating surplus* are the same but different data sources are used. Input-output estimates are based, wherever possible, on data obtained from the integrated economic censuses or surveys rather than on the sources used for the national income, expenditure and product estimates.

94. Integrated economic census or survey data on wages, salaries and supplements are substantially complete for the industries covered, but several adjustments are made as a result of investigations into *other expenses* of industries. In some cases elements of wages and salaries (such as directors' fees and long service leave) are included under the economic census or survey item *other expenses* rather than under *wages and salaries*. For industries not covered in the economic censuses, the wages, salaries and supplements estimates are based on the sources used in national income, expenditure and product estimates.

95. Gross operating surplus of industries included in the integrated economic censuses or surveys is the residual obtained by subtracting from the value of output all intermediate inputs; indirect taxes; the stock valuation adjustment; and wages, salaries and supplements. In the light of investigations into other expenses of industries, adjustments are made to the census or survey figures.

96. Also, the allocation of the imputed bank service charge to industries reduces the value of the gross operating surplus of each industry by the amount of the service charge allocated to that industry. The gross operating surplus of the producers of government services is defined to be equal to general government consumption of fixed capital. This is the value, at current replacement cost, of the reproducible fixed assets used up during a period of account as a result of normal wear and tear, foreseen obsolescence and the normal rate of accidental damage. Unforeseen obsolescence, major catastrophes and the depletion of natural resources are not taken into account. For producers of government services, the value of their output is increased by the imputed bank service charge allocated to the relevant industries and the value of their gross operating surplus is not affected.

97. For the estimation of customs duties, reliable information is available from foreign trade statistics for net duties, both in total and by commodity. Reliable information is also available for the total value of commodity taxes (net). Commodity taxes are sometimes levied (or subsidies paid) on commodities or groupings of commodities which can be readily distinguished for statistical purposes (e.g. excise on beer, sales tax on motor vehicles etc.) and there is no allocation problem. In other cases, it is difficult to relate available commodity statistics to the description of commodities subject to various rates of tax and the allocation of the taxes to commodities and using sectors is approximate. The range of commodities covers services as well as goods.

98. Accurate figures for total indirect taxes n.e.c. (net) are available but there is little information on the distribution by industry. Fringe benefits tax and payroll tax are separately reported in the integrated economic censuses and surveys. For industries not covered by economic censuses or surveys, this information is not available. Payroll tax is allocated to industries in

proportion to wages and salaries. Motor vehicle taxes are first apportioned between persons and businesses, using Public Authority Finance information, and the business part is allocated to industries in proportion to motor vehicle running expenses. Other indirect taxes in this group are allocated to industries on various bases. Sometimes the nature of the tax determines the allocation e.g. road maintenance tax is allocated entirely to the *road transport* industry (6101) and rates on residential property are allocated to the *ownership of dwellings* industry (7701). In some other cases, information on indirect taxes is obtained in the course of investigating industry inputs.

Imports

99. Imports represent the value of goods and services purchased from foreign residents. Imports of goods are based on foreign trade statistics but with balance of payments scope, coverage and timing adjustments and an adjustment to exclude the value of exchange. For details of balance of payments adjustments to foreign trade statistics, see *Balance of Payments, Australia: Concepts, Sources and Methods* (5331.0). Imports of services are also based on balance of payments sources.

100. The definition of the value of imports c.i.f. now includes freight on imports provided by Australian carriers which is offset by an export of a freight transport service so as not to affect the balance on goods and services.

Sales by final buyers

101. Sales by final buyers does not appear as a separate item in the national income, expenditure and product accounts. Gross fixed capital expenditure and final consumption expenditure include purchases of second-hand goods from other sectors net of sales by final buyers to other sectors. In input-output tables, this item is necessary to record the sales of capital assets (and used consumer goods) for scrap and the use of that scrap as a raw material in production. It is also used to record net sales of used motor vehicles; e.g. by business and government to households. At basic values the item has a zero total, sales being recorded as negative entries in final demand columns with balancing positive entries in the columns of the purchasing sectors. By definition, any part of margins in these transactions is output and is recorded as paid by purchasers. Imports are recorded as negative exports; duty on these imports is reported in the aggregate *commodity taxes (net)*. Scrap produced directly in the production process is treated as intermediate output and is not included in this item.

Intermediate inputs

102. Intermediate inputs into an industry consist of goods and services used in the process of production. A detailed discussion of the estimation of intermediate inputs using the Australian input-output methodology is provided in the ABS occasional paper *The RAS Method for Compiling Input-Output Tables: ABS Experience*.

103. Under the Australian input-output methodology, in any particular year some flows will be estimated by reference to basic data sources and included in the intermediate usage matrix as modifications. Other flows will be estimated using the RAS procedure.

104. Selected data from the 1992-93 Mining and Utilities supplementary surveys of other expenses and materials used are the basis of extensive modifications to the input structure of the mining, electricity supply and gas supply industries. The input structure of the Defence industry has been substantially derived from data in the 1992-93 Defence annual report and ABS Public Finance data. Overall, more than 17 per cent of the intermediate inputs (other than the imputed bank service charge) to all industries are derived from basic data.

105. The imputed bank service charge is allocated directly to using industries in a two-stage process. First, the charge is allocated to the institutional sectors *general government* and *financial institutions*, the *corporate trading enterprises* and *households* sectors combined, and to the industry *ownership of dwellings* (7701) using the proportion of the total interest paid by those sectors to financial enterprises. No imputed bank service charge is allocated to the overseas sector. Second, the imputed bank service charge is allocated to the producing units of financial enterprises in proportion to interest paid to other financial enterprises. The remainder of the imputed bank service charge is allocated to the producing units of each sector according to the Australian production of the producing units.

106. Rows relating to the margin item *commodity taxes (net)* and to the following margin commodities: wholesale trade (4501, part); retail trade (5101, part); road transport (6101, part); railway transport (6201, part); water transport (6301, part); air transport (6401, part); marine insurance (7401, part); restaurants, hotels and clubs (5701, part); pipeline transport (6201, part); and port handling (6601, part) are wholly modified by *margin estimates* derived in the compilation of the fourteen margin matrices. The column totals of the margin matrices, which show the total usage of each margin by each industry, are then incorporated as values in the eleven margins rows.

Final demand

107. The final demand categories in input-output tables are conceptually the same as in the national income, expenditure and product accounts but in practice there are some differences between the series. A description of their content and the differences between the two series is provided in Appendix D. Also each of these categories is classified by the industry of origin, whereas final demand is not disaggregated in this way in the national income, expenditure and product accounts.

108. Private final consumption expenditure is current expenditure (including household expenditure on motor vehicles and durables) by persons, and the output of

goods and services by producers of private non-profit goods and services to households. Estimates of private final consumption expenditure are based largely on retail sales, supply of consumer goods, outputs of services, information about the revenues of public enterprises and general government, and estimates of the actual and imputed rent of dwellings. Estimates by industry of origin are based partly on the commodity dissection of retail sales provided by retail activity surveys and partly on data about the supply of consumer goods. Household expenditure survey results are used mainly to validate estimates of private final consumption expenditure provided by ABS economic censuses and surveys, especially for commodities produced by industries other than agriculture, mining and manufacturing.

109. Government final consumption expenditure is mainly the output of producers of general government goods and services less revenue from any sales, or charges in respect of that output. The classification of government final consumption expenditure by commodity differs from a classification by purpose in that, for example, departmental administration is classified to public administration and not to the activity administered (e.g. education). Estimates are based on public accounts.

110. Private gross fixed capital expenditure includes outlays on, additions to and replacement of fixed assets of all kinds by private enterprises. Purchase of dwellings by persons and all capital expenditure by private non-profit organisations serving households are included. Expenditure on major repairs which significantly extend the life of assets is included. Estimates of private gross fixed capital expenditure are based on a variety of sources including building statistics, a regular ABS survey of private capital expenditure and *Taxation Statistics*. To some extent both the total estimates for this category and the commodity estimates depend on the output of goods and services not absorbed by other final demand categories or intermediate usage. *Indirect taxes n.e.c. (net)* applying to transactions in land and fixed capital are included in private gross fixed capital expenditure. The estimates of the value of real estate transfer costs that are capitalised cover:

- stamp duties on all capital transfers;
- the cost of legal services, real estate services and surveying services associated with the purchase of dwellings;
- costs associated with transfers of agricultural or pastoral properties, and other non-dwelling real estate;
- conveyancing costs associated with the sale, as well as purchase, of real estate; and
- government charges.

111. Public gross fixed capital expenditure includes all outlays on additions to and replacement of fixed assets by public enterprises and by general government. However, all defence expenditure is treated as current and included in government final consumption expenditure. Estimates of gross fixed capital expenditure of public enterprises and general government are based on the accounts of public authorities and additional information supplied by these bodies. The classification of gross fixed capital expenditure of public enterprises and general government relies on information on the nature of the assets purchased and goods and services produced.

112. As in the national income and expenditure estimates, increase in stocks is calculated by deducting a stock valuation adjustment from the increase in book value of stocks. The major stock-owning industries are covered by the economic censuses and surveys, and information for other industries is available from *Taxation Statistics*, the accounts of public authorities and a regular ABS survey of private stock holdings. However, these sources do not provide a sufficient dissection of stocks by commodity. The allocation of the increase in book value of stocks to industry of origin is made by inference (but not by automatic apportionment) from the categories of goods sold by wholesalers and retailers and the finished goods of producers, and from the categories of material inputs. Estimating the stock valuation adjustment by commodity group requires similar inferences about the level of stocks, assumptions about valuation practices, and reliance on partial information about commodity prices.

Exports

113. Statistics relating to exports are obtained from the foreign trade and balance of payments collections. The category includes re-exports for which the corresponding import is included in the row *competing imports*. It also includes, as a negative entry, any imports of goods classified to sales by final buyers. The commodity detail provided in foreign trade and balance of payments statistics is used to allocate exports to input-output commodities. Exports of services include the value of freight supplied by Australian resident carriers on imports.

Employment

114. For some purposes, it may be necessary to examine the impact on employment by industry of changes in final demand. For this reason employment classified by Input-Output industry is presented in Table 15. Employment is measured on a full-time equivalent basis, that is, the full-time equivalent of part-time employment is added to full-time employment. For these estimates the full-time equivalent of part-time employment is assumed to be 50 per cent of the part-time employment. Employment estimates have been derived from the ABS Labour Force Survey. The estimates are the average of data for the middle month of each of

the four quarters of 1992-93. Employment estimates derived from the Labour Force Survey are used to calculate employment multipliers which were published in *Australian National Accounts Input-Output Multipliers* (5237.0) for 1986-87 and 1989-90 and are available on request for 1992-93. It should be noted that these employment estimates have been adjusted to take account of the industry redefinitions for Construction and Repairs (see paragraphs 80 and 81) and to take account of the differences between the Input-Output and ANZSIC industry classifications for Agriculture (see Appendix B).

Multipliers

115. An important tool for analysts is the input-output multipliers. These provide a means of answering some of the questions often asked by input-output practitioners. These queries tend to arise because of the types of "what if?" analysis for which input-output tables can be used (for example, what would be the impact on employment of an x% change in output by the chemicals manufacturing industry). This type of analysis is dependent on a knowledge of input-output multipliers and their shortcomings. Using input-output tables, multipliers can be calculated to provide a simple means of working out the flow on effects of a change in output in an industry on one or more of imports, income, employment or output in individual industries or in total. The multipliers can show just the 'first-round' effects, or the aggregated effects once all secondary effects have flowed through the system.

116. An example of multiplier tables available from the ABS is presented in Table 17. A list of the available multiplier tables is provided on the order form at the back of this publication. In addition, in order to assist users of input-output tables, the ABS has published an information paper entitled *Information Paper, Australian National Accounts, Introduction to Input-Output Multipliers* (Cat. No. 5246.0). This paper provides a guide to the construction, interpretation and use of input-output multipliers.

Relationship between input-output and other national accounting estimates

117. There are differences between primary input and final demand estimates included in this publication and the corresponding estimates for 1992-93 in *Australian National Accounts, National Income and Expenditure, 1994-95* (5204.0), although the concepts, but not the classifications, are the same. Work is proceeding on reducing the extent of such differences both in the context of the development of the system of input-output tables and as estimation methodologies for the national income, expenditure and product estimates are reviewed.

118. For 1992-93, the estimate of gross domestic product (GDP) implied by the primary inputs in the input-output tables is about 0.2 per cent higher than the

estimate shown in *Australian National Accounts, National Income and Expenditure* (5204.0). The estimate of gross domestic product implied by final demand in the input-output tables is about 0.7 per cent lower than the estimate (excluding the statistical discrepancy) shown in 5204.0. Although a complete analysis and balancing of commodity flows results in internal consistency of input-output estimates of primary inputs (income) and final demand (expenditure), it does not necessarily make them more accurate or reliable than the estimates in 5204.0. The estimates can only be as good as the basic data and methodology used in their preparation and the basic data used for 1992-93 leave some gaps and have some deficiencies.

119. The differences which have been referred to do not imply anything about the relative precision of the input-output and national income, expenditure and product estimates, nor do they necessarily suggest deficiencies which would seriously affect most analytical uses of the tables included in this publication.

Related Publications

120. Other ABS publications which may be of interest include:

Australian Economic Indicators, March 1994 (1350.0)

Australian National Accounts: National Income and Expenditure (5204.0)

Australian National Accounts: National Income and Expenditure, March 1990 (5206.0): *Feature Article; Environmental and Natural Resource Accounting*

Australian National Accounts: Input-Output Tables, (Commodity Details) (5215.0)

Australian National Accounts: Concepts, Sources and Methods (5216.0)

Australian National Accounts: State Accounts (5220.0)

Australian National Accounts: Capital Stock (5221.0)

Australian National Accounts: Flow of Funds (5232.0)

A Guide to the Australian National Accounts (5235.0)

Discussion Paper: Introduction of Revised International Statistical Standards in ABS Macro-economic Statistics (5245.0)

Occasional Paper: Estimates of Multifactor Productivity, Australia (5233.0)

Information Paper: Australian National Accounts: Introduction to Input-Output Multipliers (5246.0)

Balance of Payments, Australia (5303.0)

Balance of Payments, Australia: Concepts, Sources and Methods (5331.0)

121. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.

In addition to the above publications, the following papers presented by ABS officers at external conferences may be of interest to readers of this publication:

The RAS Method for Compiling Input-Output Tables: ABS Experience

Input-Output: New Derived Tables for Australia based on a Japanese Input-Output Model

The Australian National Accounts: Implementing the 1993 SNA and Associated Changes to the Australian Input-Output Tables

Measuring the Importance of Manufacturing to the Australian Economy

Copies of these papers are available on request from the ABS.

122. Publications of the United Nations Statistical Office which relate to this publication include:

Input-Output Tables and Analysis, Studies in Methods, Series F, No. 4, Rev. 1, United Nations, New York, 1973

Input-Output Bibliography, 1966-1970, Statistical Papers, Series M, No. 55, United Nations, New York, 1972

A System of National Accounts, Studies in Methods, Series F, No. 2, Rev. 3, United Nations, New York, 1969

National Accounts Statistics: Study of Input-Output Tables, 1970-80, UN, 1987

Input-Output Tables for Developing Countries (2 Vols), UNIDO, 1985

123. Publications of Eurostat which relate to this publication include:

National Accounts ESA Input-Output Tables 1980, Eurostat, 1986

Symbols and other usages

n.a. not available

n.e.c. not elsewhere classified

n.e.i. not elsewhere included

agric. agriculture

c.i.f. cost, insurance, freight

exc. exceeding

excl. excluding

cc cubic centimetres

incl. including

fab. fabricated

f.o.b. free on board

g.o.s. gross operating surplus

min. mineral

prod. products

rest. restaurants

supps. supplements.

transp. transport

124. Where figures have been rounded, discrepancies may occur between sums of the component items and totals. For rounding and other processing reasons, small discrepancies also can occur between figures in this publication and comparable figures on the floppy disks.

TABLE I. MAKE MATRIX - OUTPUT BY COMMODITY GROUP BY INDUSTRY 1992-93
(Smillion)

Code(a)	Description	Output	Code(a)	Description	Output	Code(a)	Description	Output
0101	Sheep	2,785	2105	Flour and cereal foods	9	2201	Wool scouring	909
0101	Sheep	2,785	2106	Bakery products	5	2101	Meat and meat products	n.a.
0102	Grains	3,869	2107	Confectionery	n.a.	2201	Wool scouring	902
0102	Grains	3,869	2108	Other food products	23	2202	Textile fibres, yarns etc	n.a.
0103	Beef cattle	3,635	2109	Soft drinks, cordials, syrups	12	2202	Textile fibres, yarns etc	1,802
0103	Beef cattle	3,635	2111	Wine and spirits	n.a.	2202	Textile fibres, yarns etc	1,759
0104	Dairy cattle	2,314	2104	Oils and fats	730	2203	Textile products	27
0104	Dairy cattle	2,314	2101	Meat and meat products	n.a.	2204	Knitting mill products	n.a.
0105	Pigs	596	2102	Dairy products	1	2205	Clothing	12
0105	Pigs	596	2104	Oils and fats	701	2502	Fertilisers	n.a.
0106	Poultry	999	2108	Other food products	4	2903	Other manufacturing	n.a.
0106	Poultry	999	2109	Soft drinks, cordials, syrups	8	2203	Textile products	1,482
0107	Other agriculture	6,503	2502	Fertilisers	n.a.	2202	Textile fibres, yarns etc	n.a.
0107	Other agriculture	6,503	2505	Pharmaceuticals etc	2	2203	Textile products	1,343
0200	Services to agric.: hunting	1,451	2105	Flour and cereal foods	2,357	2204	Knitting mill products	n.a.
0200	Services to agric.: hunting	1,451	2102	Dairy products	3	2205	Clothing	n.a.
0300	Forestry and logging	1,103	2103	Fruit and vegetable products	5	2206	Footwear	n.a.
0300	Forestry and logging	1,103	2105	Flour and cereal foods	2,300	2508	Other chemical products	n.a.
0400	Commercial fishing	1,622	2106	Bakery products	n.a.	2509	Rubber products	n.a.
0400	Commercial fishing	1,622	2108	Other food products	23	2510	Plastic products	3
1100	Coal; oil and gas	16,119	2109	Soft drinks, cordials, syrups	n.a.	2703	Structural metal products	n.a.
1100	Coal; oil and gas	16,119	2106	Bakery products	2,651	2705	Fabricated metal products	n.a.
1301	Iron ores	3,200	2101	Meat and meat products	n.a.	2802	Ships and boats	n.a.
1301	Iron ores	3,200	2105	Flour and cereal foods	4	2808	Other electrical equipment	n.a.
1302	Non-ferrous metal ores	7,640	2106	Bakery products	2,638	2811	Other machinery and equipment	n.a.
1302	Non-ferrous metal ores	7,639	2107	Confectionery	n.a.	2902	Furniture	n.a.
1400	Other mining	2,344	2108	Other food products	7	2903	Other manufacturing	n.a.
0300	Forestry and logging	1	2107	Confectionery	1,155	2204	Knitting mill products	1,031
1301	Iron ores	n.a.	2105	Flour and cereal foods	n.a.	2202	Textile fibres, yarns etc	n.a.
1302	Non-ferrous metal ores	n.a.	2106	Bakery products	n.a.	2203	Textile products	n.a.
1400	Other mining	2,320	2107	Confectionery	1,136	2204	Knitting mill products	854
2604	Concrete slurry	6	2108	Other food products	5	2205	Clothing	172
4102	Other construction	16	2108	Other food products	6,273	2205	Clothing	3,131
1500	Services to mining	1,595	2101	Meat and meat products	47	2202	Textile fibres, yarns etc	n.a.
1500	Services to mining	1,595	2102	Dairy products	14	2203	Textile products	n.a.
2101	Meat and meat products	10,081	2103	Fruit and vegetable products	28	2204	Knitting mill products	20
2101	Meat and meat products	10,000	2105	Flour and cereal foods	48	2205	Clothing	3,091
2103	Fruit and vegetable products	19	2106	Bakery products	27	2206	Footwear	n.a.
2106	Bakery products	n.a.	2107	Confectionery	1	2502	Fertilisers	n.a.
2108	Other food products	7	2108	Other food products	6,098	2510	Plastic products	1
2207	Leather and leather products	41	2109	Soft drinks, cordials, syrups	7	2805	Scientific etc equipment	n.a.
2508	Other chemical products	n.a.	2110	Beer and malt	n.a.	2902	Furniture	n.a.
2102	Dairy products	5,239	2502	Fertilisers	n.a.	2903	Other manufacturing	n.a.
2102	Dairy products	5,208	2508	Other chemical products	n.a.	2206	Footwear	570
2103	Fruit and vegetable products	4	2811	Other machinery and equipment	1	2205	Clothing	n.a.
2105	Flour and cereal foods	n.a.	2109	Soft drinks, cordials, syrups	1,857	2206	Footwear	564
2107	Confectionery	3	2102	Dairy products	8	2207	Leather and leather products	n.a.
2108	Other food products	6	2103	Fruit and vegetable products	39	2810	Mining etc equipment	n.a.
2109	Soft drinks, cordials, syrups	n.a.	2105	Flour and cereal foods	n.a.	2811	Other machinery and equipment	n.a.
2103	Fruit and vegetable products	2,307	2108	Other food products	7	2903	Other manufacturing	n.a.
2102	Dairy products	29	2109	Soft drinks, cordials, syrups	1,787	2207	Leather and leather products	605
2103	Fruit and vegetable products	2,222	2111	Wine and spirits	n.a.	2101	Meat and meat products	n.a.
2104	Oils and fats	730	2110	Beer and malt	2,384	2108	Other food products	1
2101	Meat and meat products	n.a.	2110	Beer and malt	2,384	2203	Textile products	n.a.
2102	Dairy products	1	2111	Wine and spirits	1,210	2206	Footwear	n.a.
2104	Oils and fats	701	2109	Soft drinks, cordials, syrups	2	2207	Leather and leather products	588
2108	Other food products	4	2110	Beer and malt	1	2502	Fertilisers	n.a.
2109	Soft drinks, cordials, syrups	8	2111	Wine and spirits	1,207	2509	Rubber products	n.a.
2502	Fertilisers	n.a.	2112	Tobacco products	754	2510	Plastic products	1
2505	Pharmaceuticals etc	2	2112	Tobacco products	754	2811	Other machinery and equipment	1

Commodity group totals include confidential and consequentially confidential data which are indicated by the symbol n.a.

Data are rounded to the nearest million

(a) Commodity group in bold, producing industry in normal type

TABLE 1. MAKE MATRIX - OUTPUT BY COMMODITY GROUP BY INDUSTRY 1992-93
(Smillion)

Code(a)	Description	Output	Code(a)	Description	Output	Code(a)	Description	Output
2301	Sawmill products	2,068	2510	Plastic products	9	2105	Flour and cereal foods	4
2301	Sawmill products	2,045	2805	Scientific etc equipment	n.a.	2109	Soft drinks, cordials, syrups	3
2302	Plywood, veneer and fab. wood	n.a.	2808	Other electrical equipment	1	2501	Petroleum and coal products	1
2303	Other wood products	16	2903	Other manufacturing	n.a.	2503	Other basic chemicals	30
2304	Pulp, paper and paperboard	1	2402	Publishing; recorded media etc	5,556	2505	Pharmaceuticals etc	2
2901	Pre fabricated buildings	1	2202	Textile fibres, yarns etc	1	2506	Soap and other detergents	975
2902	Furniture	n.a.	2205	Clothing	11	2507	Cosmetics and toiletries	61
			2303	Other wood products	1	2508	Other chemical products	19
2302	Plywood, veneer and fab. wood	920	2305	Paper bags and containers	n.a.	2507	Cosmetics and toiletries	608
2301	Sawmill products	5	2306	Other paper products	n.a.	2108	Other food products	n.a.
2302	Plywood, veneer and fab. wood	907	2401	Printing: services to printing	204	2505	Pharmaceuticals etc	37
2303	Other wood products	n.a.	2402	Publishing: recorded media etc	5,325	2506	Soap and other detergents	9
2508	Other chemical products	5	2805	Scientific etc equipment	n.a.	2507	Cosmetics and toiletries	546
2510	Plastic products	n.a.	2902	Furniture	n.a.	2508	Other chemical products	n.a.
2902	Furniture	1	2903	Other manufacturing	n.a.	2705	Fabricated metal products	n.a.
2303	Other wood products	2,121	2501	Petroleum and coal products	10,342	2508	Other chemical products	1,265
2203	Textile products	n.a.	2501	Petroleum and coal products	10,304	2105	Flour and cereal foods	n.a.
2301	Sawmill products	31	2504	Paints	2	2108	Other food products	n.a.
2302	Plywood, veneer and fab. wood	n.a.	2506	Soap and other detergents	n.a.	2202	Textile fibres, yarns etc	n.a.
2303	Other wood products	1,966	2507	Cosmetics and toiletries	2	2502	Fertilisers	n.a.
2510	Plastic products	2	2510	Plastic products	n.a.	2503	Other basic chemicals	9
2605	Plaster, other concrete prod.	4	3601	Electricity	35	2504	Paints	9
2701	Iron and steel	n.a.	2502	Fertilisers	1,091	2505	Pharmaceuticals etc	n.a.
2703	Structural metal products	23	2502	Fertilisers	1,025	2506	Soap and other detergents	12
2705	Fabricated metal products	n.a.	2503	Other basic chemicals	64	2507	Cosmetics and toiletries	n.a.
2801	Motor vehicles and parts etc	n.a.	2508	Other chemical products	n.a.	2508	Other chemical products	1,134
2802	Ships and boats	n.a.	2805	Scientific etc equipment	n.a.	2509	Rubber products	1
2811	Other machinery and equipment	n.a.	2903	Other manufacturing	n.a.	2510	Plastic products	n.a.
2901	Pre fabricated buildings	1	2503	Other basic chemicals	4,124	2606	Non-metallic min. products nec	n.a.
2902	Furniture	n.a.	2202	Textile fibres, yarns etc	n.a.	2702	Basic non-ferrous metals etc	1
2903	Other manufacturing	n.a.	2301	Sawmill products	n.a.	2705	Fabricated metal products	n.a.
4102	Other construction	38	2501	Petroleum and coal products	1	2902	Furniture	n.a.
2304	Pulp, paper and paperboard	1,767	2502	Fertilisers	n.a.	2903	Other manufacturing	n.a.
2304	Pulp, paper and paperboard	1,717	2503	Other basic chemicals	4,003	2509	Rubber products	1,244
2305	Paper bags and containers	5	2504	Paints	5	2206	Footwear	6
2306	Other paper products	35	2505	Pharmaceuticals etc	11	2509	Rubber products	1,235
2401	Printing: services to printing	3	2506	Soap and other detergents	3	2801	Motor vehicles and parts etc	n.a.
2501	Petroleum and coal products	1	2507	Cosmetics and toiletries	1	2806	Electronic equipment	n.a.
2510	Plastic products	6	2508	Other chemical products	2	2810	Mining etc equipment	n.a.
2305	Paper bags and containers	1,820	2510	Plastic products	14	2811	Other machinery and equipment	n.a.
2108	Other food products	1	2606	Non-metallic min. products nec	1			
2305	Paper bags and containers	1,811	2705	Fabricated metal products	4			
2306	Other paper products	3	2903	Other manufacturing	4			
2401	Printing: services to printing	3	2504	Paints	1,342			
2510	Plastic products	1	2501	Petroleum and coal products	3			
2811	Other machinery and equipment	1	2503	Other basic chemicals	9			
2306	Other paper products	867	2504	Paints	1,307			
2203	Textile products	n.a.	2506	Soap and other detergents	n.a.			
2304	Pulp, paper and paperboard	1	2508	Other chemical products	21			
2305	Paper bags and containers	14	2705	Fabricated metal products	n.a.			
2306	Other paper products	843	2902	Furniture	1			
2401	Printing: services to printing	2	2903	Other manufacturing	n.a.			
2510	Plastic products	6	2505	Pharmaceuticals etc	3,606			
2606	Non-metallic min. products nec	n.a.	2101	Meat and meat products	n.a.			
2401	Printing: services to printing	5,197	2105	Flour and cereal foods	n.a.			
2202	Textile fibres, yarns etc	n.a.	2503	Other basic chemicals	3			
2205	Clothing	6	2505	Pharmaceuticals etc	3,564			
2303	Other wood products	1	2506	Soap and other detergents	2			
2304	Pulp, paper and paperboard	3	2507	Cosmetics and toiletries	15			
2305	Paper bags and containers	10	2508	Other chemical products	19			
2306	Other paper products	9	2903	Other manufacturing	2			
2401	Printing: services to printing	5,103	2506	Soap and other detergents	1,097			
2402	Publishing: recorded media etc	48	2101	Meat and meat products	1			
2508	Other chemical products	1						
2509	Rubber products	1						

Commodity group totals include confidential and consequentially confidential data which are indicated by the symbol n.a.

Data are rounded to the nearest million

(a) Commodity group in bold, producing industry in normal type

TABLE 1. MAKE MATRIX - OUTPUT BY COMMODITY GROUP BY INDUSTRY 1992-93
(\$million)

Code(a)	Description	Output	Code(a)	Description	Output	Code(a)	Description	Output
2510	Plastic products	4,784	2808	Other electrical equipment	n.a.	2704	Sheet metal products	30
2102	Dairy products	6	2901	Prefabricated buildings	n.a.	2705	Fabricated metal products	25
2109	Soft drinks, cordials, syrups	3	2902	Furniture	n.a.	2802	Ships and boats	n.a.
2202	Textile fibres, yarns etc	n.a.	2903	Other manufacturing	n.a.	2803	Railway equipment	n.a.
2203	Textile products	n.a.				2805	Scientific etc equipment	n.a.
2205	Clothing	n.a.	2606	Non-metallic min. products nec	942	2806	Electronic equipment	n.a.
2206	Footwear	2	2203	Textile products	n.a.	2810	Mining etc equipment	8
2207	Leather and leather products	1	2206	Footwear	n.a.	2811	Other machinery and equipment	18
2305	Paper bags and containers	n.a.	2506	Soap and other detergents	n.a.	2901	Prefabricated buildings	11
2306	Other paper products	8	2509	Rubber products	15	2902	Furniture	n.a.
2401	Printing; services to printing	5	2510	Plastic products	n.a.	2903	Other manufacturing	1
2402	Publishing; recorded media etc	n.a.	2602	Ceramic products	n.a.			
2503	Other basic chemicals	n.a.	2603	Cement and lime	n.a.	2704	Sheet metal products	3,202
2508	Other chemical products	n.a.	2604	Concrete slurry	n.a.	2102	Dairy products	n.a.
2509	Rubber products	18	2605	Plaster, other concrete prod.	n.a.	2203	Textile products	n.a.
2510	Plastic products	4,631	2606	Non-metallic min. products nec	881	2303	Other wood products	n.a.
2606	Non-metallic min. products nec	6	2703	Structural metal products	n.a.	2305	Paper bags and containers	63
2702	Basic non-ferrous metals etc	n.a.	2704	Sheet metal products	2	2401	Printing; services to printing	n.a.
2703	Structural metal products	3	2705	Fabricated metal products	4	2503	Other basic chemicals	1
2704	Sheet metal products	9	2802	Ships and boats	n.a.	2508	Other chemical products	1
2705	Fabricated metal products	20	2805	Scientific etc equipment	n.a.	2510	Plastic products	n.a.
2801	Motor vehicles and parts etc	n.a.	2806	Electronic equipment	n.a.	2606	Non-metallic min. products nec	n.a.
2802	Ships and boats	n.a.	2808	Other electrical equipment	n.a.	2701	Iron and steel	7
2805	Scientific etc equipment	n.a.	2811	Other machinery and equipment	n.a.	2702	Basic non-ferrous metals etc	6
2806	Electronic equipment	n.a.	2903	Other manufacturing	n.a.	2703	Structural metal products	22
2807	Household appliances	n.a.				2704	Sheet metal products	2,994
2808	Other electrical equipment	n.a.	2701	Iron and steel	8,212	2705	Fabricated metal products	36
2809	Agricultural machinery	n.a.	2203	Textile products	n.a.	2801	Motor vehicles and parts etc	6
2810	Mining etc equipment	n.a.	2303	Other wood products	1	2802	Ships and boats	n.a.
2811	Other machinery and equipment	n.a.	2501	Petroleum and coal products	n.a.	2805	Scientific etc equipment	n.a.
2902	Furniture	13	2510	Plastic products	1	2806	Electronic equipment	n.a.
2903	Other manufacturing	n.a.	2605	Plaster, other concrete prod.	n.a.	2807	Household appliances	1
			2701	Iron and steel	8,129	2808	Other electrical equipment	9
2601	Glass and glass products	1,033	2703	Structural metal products	25	2809	Agricultural machinery	n.a.
1302	Non-ferrous metal ores	4	2704	Sheet metal products	11	2810	Mining etc equipment	2
2303	Other wood products	1	2705	Fabricated metal products	10	2811	Other machinery and equipment	11
2601	Glass and glass products	1,018	2801	Motor vehicles and parts etc	n.a.	2901	Prefabricated buildings	n.a.
2703	Structural metal products	5	2806	Electronic equipment	1	2902	Furniture	n.a.
2805	Scientific etc equipment	n.a.	2807	Household appliances	2	2903	Other manufacturing	n.a.
2806	Electronic equipment	n.a.	2809	Agricultural machinery	11			
2902	Furniture	4	2810	Mining etc equipment	n.a.	2705	Fabricated metal products	4,516
2903	Other manufacturing	n.a.	2811	Other machinery and equipment	8	2101	Meat and meat products	1
			2901	Prefabricated buildings	3	2203	Textile products	n.a.
2602	Ceramic products	1,309	2902	Furniture	n.a.	2301	Sawmill products	1
2602	Ceramic products	1,308	2903	Other manufacturing	n.a.	2303	Other wood products	n.a.
2603	Cement and lime	1				2508	Other chemical products	1
2703	Structural metal products	n.a.	2702	Basic non-ferrous metals etc	10,487	2509	Rubber products	1
2705	Fabricated metal products	n.a.	1302	Non-ferrous metal ores	5	2510	Plastic products	13
			2508	Other chemical products	2	2601	Glass and glass products	2
2603	Cement and lime	798	2510	Plastic products	n.a.	2701	Iron and steel	51
2603	Cement and lime	798	2602	Ceramic products	1	2702	Basic non-ferrous metals etc	8
2606	Non-metallic min. products nec	1	2606	Non-metallic min. products nec	n.a.	2703	Structural metal products	73
			2701	Iron and steel	n.a.	2704	Sheet metal products	57
2604	Concrete slurry	1,498	2702	Basic non-ferrous metals etc	10,331	2705	Fabricated metal products	4,135
1400	Other mining	3	2703	Structural metal products	9	2801	Motor vehicles and parts etc	n.a.
2604	Concrete slurry	1,494	2704	Sheet metal products	4	2802	Ships and boats	n.a.
2605	Plaster, other concrete prod.	n.a.	2705	Fabricated metal products	n.a.	2803	Railway equipment	n.a.
2606	Non-metallic min. products nec	n.a.	2808	Other electrical equipment	9	2805	Scientific etc equipment	n.a.
			2811	Other machinery and equipment	3	2806	Electronic equipment	n.a.
2605	Plaster, other concrete prod.	1,984	2902	Furniture	n.a.	2807	Household appliances	8
2302	Plywood, veneer and fab. wood	2	2903	Other manufacturing	7	2808	Other electrical equipment	n.a.
2303	Other wood products	n.a.				2809	Agricultural machinery	6
2509	Rubber products	1	2703	Structural metal products	4,234	2810	Mining etc equipment	n.a.
2510	Plastic products	n.a.	2203	Textile products	n.a.	2811	Other machinery and equipment	35
2602	Ceramic products	n.a.	2303	Other wood products	48	2901	Prefabricated buildings	n.a.
2604	Concrete slurry	n.a.	2304	Pulp, paper and paperboard	6	2902	Furniture	n.a.
2605	Plaster, other concrete prod.	1,968	2510	Plastic products	1	2903	Other manufacturing	n.a.
2606	Non-metallic min. products nec	n.a.	2605	Plaster, other concrete prod.	n.a.			
2703	Structural metal products	n.a.	2701	Iron and steel	104			
2704	Sheet metal products	n.a.	2703	Structural metal products	3,949			

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Data are rounded to the nearest million

(a) Commodity group in bold, producing industry in normal type

TABLE 1. MAKE MATRIX - OUTPUT BY COMMODITY GROUP BY INDUSTRY 1992-93
(\$million)

Code(a)	Description	Output	Code(a)	Description	Output	Code(a)	Description	Output
2801	Motor vehicles and parts etc	10,399	2505	Pharmaceuticals etc	n.a.	2810	Mining etc equipment	1,482
2203	Textile products	n.a.	2510	Plastic products	n.a.	1100	Coal; oil and gas	n.a.
2509	Rubber products	2	2606	Non-metallic min. products nec	n.a.	2101	Meat and meat products	4
2510	Plastic products	11	2703	Structural metal products	n.a.	2108	Other food products	1
2701	Iron and steel	n.a.	2704	Sheet metal products	n.a.	2303	Other wood products	n.a.
2702	Basic non-ferrous metals etc	1	2705	Fabricated metal products	n.a.	2504	Paints	n.a.
2703	Structural metal products	1	2801	Motor vehicles and parts etc	n.a.	2510	Plastic products	n.a.
2704	Sheet metal products	6	2802	Ships and boats	1	2701	Iron and steel	14
2705	Fabricated metal products	n.a.	2803	Railway equipment	n.a.	2703	Structural metal products	2
2801	Motor vehicles and parts etc	10,291	2805	Scientific etc equipment	n.a.	2704	Sheet metal products	4
2802	Ships and boats	1	2806	Electronic equipment	3,510	2705	Fabricated metal products	2
2806	Electronic equipment	3	2807	Household appliances	5	2801	Motor vehicles and parts etc	11
2807	Household appliances	n.a.	2808	Other electrical equipment	n.a.	2802	Ships and boats	n.a.
2808	Other electrical equipment	6	2810	Mining etc equipment	n.a.	2803	Railway equipment	n.a.
2809	Agricultural machinery	n.a.	2811	Other machinery and equipment	6	2805	Scientific etc equipment	n.a.
2810	Mining etc equipment	35	2901	Prefabricated buildings	n.a.	2806	Electronic equipment	n.a.
2811	Other machinery and equipment	22	2902	Furniture	n.a.	2808	Other electrical equipment	n.a.
			2903	Other manufacturing	n.a.	2809	Agricultural machinery	11
						2810	Mining etc equipment	1,330
2802	Ships and boats	1,867	2807	Household appliances	1,904	2811	Other machinery and equipment	87
2303	Other wood products	n.a.	2306	Other paper products	1	2901	Prefabricated buildings	n.a.
2510	Plastic products	n.a.	2510	Plastic products	5	2903	Other manufacturing	n.a.
2701	Iron and steel	1	2703	Structural metal products	n.a.			
2703	Structural metal products	n.a.	2704	Sheet metal products	1	2811	Other machinery and	3,516
2704	Sheet metal products	n.a.	2705	Fabricated metal products	6	2102	Dairy products	12
2801	Motor vehicles and parts etc	n.a.	2801	Motor vehicles and parts etc	n.a.	2104	Oils and fats	3
2802	Ships and boats	1,860	2805	Scientific etc equipment	n.a.	2108	Other food products	10
2806	Electronic equipment	n.a.	2806	Electronic equipment	n.a.	2109	Soft drinks, cordials, syrups	3
2810	Mining etc equipment	n.a.	2807	Household appliances	1,839	2112	Tobacco products	n.a.
2811	Other machinery and equipment	n.a.	2808	Other electrical equipment	6	2202	Textile fibres, yarns etc	n.a.
			2809	Agricultural machinery	n.a.	2203	Textile products	n.a.
2803	Railway equipment	535	2810	Mining etc equipment	n.a.	2205	Clothing	n.a.
2108	Other food products	1	2811	Other machinery and equipment	16	2206	Footwear	n.a.
2701	Iron and steel	1	2903	Other manufacturing	n.a.	2304	Pulp, paper and paperboard	n.a.
2703	Structural metal products	n.a.				2401	Printing: services to printing	10
2802	Ships and boats	1	2808	Other electrical equipment	3,480	2402	Publishing: recorded media etc	1
2803	Railway equipment	531	2306	Other paper products	n.a.	2501	Petroleum and coal products	2
2810	Mining etc equipment	n.a.	2510	Plastic products	3	2502	Fertilisers	1
2811	Other machinery and equipment	n.a.	2606	Non-metallic min. products nec	n.a.	2503	Other basic chemicals	11
			2701	Iron and steel	1	2504	Paints	n.a.
2804	Aircraft	1,419	2703	Structural metal products	n.a.	2506	Soap and other detergents	4
2804	Aircraft	1,419	2704	Sheet metal products	n.a.	2507	Cosmetics and toiletries	n.a.
			2705	Fabricated metal products	n.a.	2508	Other chemical products	n.a.
2805	Scientific etc equipment	1,271	2801	Motor vehicles and parts etc	1	2509	Rubber products	4
2205	Clothing	n.a.	2803	Railway equipment	n.a.	2510	Plastic products	n.a.
2206	Footwear	n.a.	2805	Scientific etc equipment	n.a.	2602	Ceramic products	1
2401	Printing: services to printing	2	2806	Electronic equipment	n.a.	2604	Concrete slurry	n.a.
2402	Publishing: recorded media etc	n.a.	2807	Household appliances	3	2605	Plaster, other concrete prod.	n.a.
2505	Pharmaceuticals etc	n.a.	2808	Other electrical equipment	3,430	2606	Non-metallic min. products nec	n.a.
2509	Rubber products	n.a.	2810	Mining etc equipment	n.a.	2701	Iron and steel	152
2510	Plastic products	n.a.	2811	Other machinery and equipment	n.a.	2702	Basic non-ferrous metals etc	n.a.
2606	Non-metallic min. products nec	n.a.	2901	Prefabricated buildings	n.a.	2703	Structural metal products	5
2702	Basic non-ferrous metals etc	4	2902	Furniture	n.a.	2704	Sheet metal products	22
2703	Structural metal products	n.a.	2903	Other manufacturing	n.a.	2705	Fabricated metal products	32
2704	Sheet metal products	n.a.				2801	Motor vehicles and parts etc	20
2705	Fabricated metal products	4	2809	Agricultural machinery	526	2802	Ships and boats	1
2801	Motor vehicles and parts etc	n.a.	2108	Other food products	1	2803	Railway equipment	22
2802	Ships and boats	n.a.	2510	Plastic products	n.a.	2804	Aircraft	n.a.
2803	Railway equipment	n.a.	2606	Non-metallic min. products nec	n.a.	2805	Scientific etc equipment	17
2805	Scientific etc equipment	1,191	2703	Structural metal products	n.a.	2806	Electronic equipment	25
2806	Electronic equipment	n.a.	2705	Fabricated metal products	1	2807	Household appliances	14
2808	Other electrical equipment	n.a.	2801	Motor vehicles and parts etc	n.a.	2808	Other electrical equipment	n.a.
2809	Agricultural machinery	1	2805	Scientific etc equipment	n.a.	2809	Agricultural machinery	45
2810	Mining etc equipment	n.a.	2806	Electronic equipment	n.a.	2810	Mining etc equipment	158
2811	Other machinery and equipment	n.a.	2807	Household appliances	19	2811	Other machinery and equipment	2,813
2902	Furniture	n.a.	2808	Other electrical equipment	n.a.	2901	Prefabricated buildings	n.a.
2903	Other manufacturing	n.a.	2809	Agricultural machinery	490	2902	Furniture	5
			2810	Mining etc equipment	n.a.	2903	Other manufacturing	n.a.
2806	Electronic equipment	3,592	2811	Other machinery and equipment	2	4102	Other construction	46
1302	Non-ferrous metal ores	n.a.	2901	Prefabricated buildings	n.a.			
2402	Publishing: recorded media etc	n.a.						

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Data are rounded to the nearest million

(a) Commodity group in bold, producing industry in normal type

TABLE I. MAKE MATRIX - OUTPUT BY COMMODITY GROUP BY INDUSTRY 1992-93
(Million)

Code(a)	Description	Output	Code(a)	Description	Output	Code(a)	Description	Output
2901	Prefabricated buildings	434	2701	Iron and steel	n.a.	2605	Plaster, other concrete prod.	3
2203	Textile products	n.a.	2702	Basic non-ferrous metals etc	1	2606	Non-metallic min. products nec	1
2301	Sawmill products	1	2703	Structural metal products	n.a.	2701	Iron and steel	34
2302	Plywood, veneer and fab. wood	1	2704	Sheet metal products	n.a.	2702	Basic non-ferrous metals etc	39
2303	Other wood products	11	2705	Fabricated metal products	n.a.	2703	Structural metal products	3
2506	Soap and other detergents	1	2801	Motor vehicles and parts etc	n.a.	2705	Fabricated metal products	5
2510	Plastic products	1	2802	Ships and boats	n.a.	2801	Motor vehicles and parts etc	n.a.
2701	Iron and steel	n.a.	2805	Scientific etc equipment	n.a.	2802	Ships and boats	8
2703	Structural metal products	4	2806	Electronic equipment	n.a.	2803	Railway equipment	9
2705	Fabricated metal products	n.a.	2808	Other electrical equipment	n.a.	2804	Aircraft	6
2801	Motor vehicles and parts etc	n.a.	2809	Agricultural machinery	n.a.	2806	Electronic equipment	2
2802	Ships and boats	n.a.	2810	Mining etc equipment	n.a.	2807	Household appliances	7
2803	Railway equipment	n.a.	2811	Other machinery and equipment	n.a.	2808	Other electrical equipment	23
2805	Scientific etc equipment	n.a.	2901	Prefabricated buildings	n.a.	2810	Mining etc equipment	7
2806	Electronic equipment	n.a.	2902	Furniture	n.a.	2811	Other machinery and equipment	3
2807	Household appliances	11	2903	Other manufacturing	1,598	2901	Prefabricated buildings	1
2808	Other electrical equipment	n.a.				2902	Furniture	4
2809	Agricultural machinery	1	3601	Electricity	17,365	2903	Other manufacturing	n.a.
2810	Mining etc equipment	n.a.	1100	Coal: oil and gas	2	4102	Other construction	26,661
2811	Other machinery and equipment	n.a.	1301	Iron ores	26			
2901	Prefabricated buildings	351	1302	Non-ferrous metal ores	3	4501	Wholesale trade	33,994
2902	Furniture	n.a.	3601	Electricity	17,334	4501	Wholesale trade	33,994
2903	Other manufacturing	n.a.						
4102	Other construction	5	3602	Gas	2,527	5101	Retail trade	34,954
			3602	Gas	2,527	5101	Retail trade	34,954
2902	Furniture	3,164	3701	Water, sewerage and drainage	5,214	5401	Mechanical repairs	9,446
2108	Other food products	1	3701	Water, sewerage and drainage	5,214	2703	Structural metal products	1
2202	Textile fibres, yarns etc	n.a.				2801	Motor vehicles and parts etc	39
2203	Textile products	n.a.	4101	Residential building	21,481	2809	Agricultural machinery	1
2205	Clothing	1	4101	Residential building	21,481	2810	Mining etc equipment	7
2301	Sawmill products	6				2811	Other machinery and equipment	2
2302	Plywood, veneer and fab. wood	1	4102	Other construction	27,186	5401	Mechanical repairs	9,396
2303	Other wood products	n.a.	1100	Coal: oil and gas	43			
2401	Printing: services to printing	n.a.	1302	Non-ferrous metal ores	47	5402	Other repairs	4,227
2402	Publishing: recorded media etc	n.a.	1400	Other mining	n.a.	2106	Bakery products	1
2510	Plastic products	n.a.	2101	Meat and meat products	3	2402	Publishing: recorded media etc	2
2601	Glass and glass products	3	2102	Dairy products	8	2503	Other basic chemicals	1
2602	Ceramic products	4	2103	Fruit and vegetable products	29	2703	Structural metal products	7
2605	Plaster, other concrete prod.	n.a.	2105	Flour and cereal foods	n.a.	2704	Sheet metal products	1
2703	Structural metal products	12	2106	Bakery products	2	2801	Motor vehicles and parts etc	2
2704	Sheet metal products	14	2107	Confectionery	7	2805	Scientific etc equipment	26
2705	Fabricated metal products	n.a.	2108	Other food products	50	2806	Electronic equipment	108
2801	Motor vehicles and parts etc	n.a.	2110	Beer and malt	n.a.	2807	Household appliances	33
2805	Scientific etc equipment	n.a.	2111	Wine and spirits	n.a.	2808	Other electrical equipment	51
2806	Electronic equipment	n.a.	2112	Tobacco products	n.a.	2810	Mining etc equipment	107
2807	Household appliances	n.a.	2202	Textile fibres, yarns etc	1	2811	Other machinery and equipment	54
2808	Other electrical equipment	n.a.	2203	Textile products	n.a.	2902	Furniture	1
2809	Agricultural machinery	n.a.	2204	Knitting mill products	n.a.	3601	Electricity	12
2810	Mining etc equipment	n.a.	2205	Clothing	n.a.	3602	Gas	38
2811	Other machinery and equipment	n.a.	2206	Footwear	n.a.	4102	Other construction	2
2901	Prefabricated buildings	n.a.	2207	Leather and leather products	n.a.	5402	Other repairs	3,783
2902	Furniture	3,075	2301	Sawmill products	5			
2903	Other manufacturing	n.a.	2302	Plywood, veneer and fab. wood	n.a.	5701	Accommodation, cafes,	16,269
			2303	Other wood products	1	5701	Accommodation, cafes & restaur	16,253
2903	Other manufacturing	1,682	2305	Paper bags and containers	2	6201	Rail, pipeline, other transp.	16
2102	Dairy products	n.a.	2306	Other paper products	4			
2203	Textile products	n.a.	2401	Printing: services to printing	7	6101	Road transport	14,600
2205	Clothing	2	2402	Publishing: recorded media etc	n.a.	6101	Road transport	14,600
2206	Footwear	n.a.	2501	Petroleum and coal products	60			
2301	Sawmill products	1	2503	Other basic chemicals	3	6201	Rail, pipeline, other transp.	4,992
2303	Other wood products	n.a.	2504	Paints	n.a.	6201	Rail, pipeline, other transp.	4,992
2401	Printing: services to printing	n.a.	2505	Pharmaceuticals etc	n.a.			
2402	Publishing: recorded media etc	n.a.	2508	Other chemical products	2	6301	Water transport	3,041
2502	Fertilisers	n.a.	2509	Rubber products	n.a.	6301	Water transport	3,041
2503	Other basic chemicals	n.a.	2510	Plastic products	7			
2508	Other chemical products	n.a.	2601	Glass and glass products	n.a.	6401	Air and space transport	8,887
2509	Rubber products	n.a.	2602	Ceramic products	3	6401	Air and space transport	8,887
2510	Plastic products	n.a.	2603	Cement and lime	1			
2605	Plaster, other concrete prod.	n.a.						
2606	Non-metallic min. products nec	n.a.						

Commodity group totals include confidential and consequently confidential data which are indicated by the symbol n.a.

Data are rounded to the nearest million

(a) Commodity group in bold, producing industry in normal type

TABLE I. MAKE MATRIX - OUTPUT BY COMMODITY GROUP BY INDUSTRY 1992-93
(Smillion)

Code(a)	Description	Output	Code(a)	Description	Output	Code(a)	Description	Output
6601	Services to transport; storage	10,250	2401	Printing: services to printing	8	7801	Scientific research etc	13,809
2108	Other food products	1	2402	Publishing: recorded media etc	10	4101	Residential building	44
6601	Services to transport; storage	10,248	2501	Petroleum and coal products	n.a.	4102	Other construction	37
7101	Communication services	14,883	2502	Fertilisers	1	7801	Scientific research etc	13,729
7101	Communication services	14,883	2503	Other basic chemicals	40	7802	Legal, accounting etc services	20,833
7301	Banking	16,663	2504	Paints	1	4102	Other construction	52
7301	Banking	16,663	2505	Pharmaceuticals etc	3	6101	Road transport	6
7302	Non-bank finance	4,508	2506	Soap and other detergents	1	7101	Communication services	539
7302	Non-bank finance	4,508	2508	Other chemical products	1	7802	Legal, accounting etc services	20,235
7303	Financial asset investors	2,363	2509	Rubber products	1	7803	Other business services	6,147
7303	Financial asset investors	2,363	2510	Plastic products	5	4101	Residential building	47
7401	Insurance	7,897	2601	Glass and glass products	n.a.	4102	Other construction	2
7401	Insurance	7,897	2602	Ceramic products	1	7101	Communication services	100
7501	Services to finance etc	6,430	2603	Cement and lime	n.a.	7803	Other business services	5,998
7501	Services to finance etc	6,430	2604	Concrete slurry	2	8101	Government administration	28,718
7701	Ownership of dwellings	46,165	2605	Plaster, other concrete prod.	9	8101	Government administration	28,718
7701	Ownership of dwellings	46,165	2606	Non-metallic min. products nec	1	8201	Defence	8,964
7702	Other property services	17,180	2701	Iron and steel	6	8201	Defence	8,964
1100	Coal; oil and gas	n.a.	2702	Basic non-ferrous metals etc	5	8401	Education	22,632
1301	Iron ores	n.a.	2703	Structural metal products	9	8401	Education	22,632
1302	Non-ferrous metal ores	11	2704	Sheet metal products	3	8601	Health services	28,608
1400	Other mining	n.a.	2705	Fabricated metal products	9	8601	Health services	28,608
2101	Meat and meat products	4	2801	Motor vehicles and parts etc	31	8701	Community services	5,160
2102	Dairy products	2	2802	Ships and boats	6	8701	Community services	5,160
2103	Fruit and vegetable products	1	2803	Railway equipment	1	9101	Motion picture, radio etc	4,145
2105	Flour and cereal foods	1	2804	Aircraft	n.a.	9101	Motion picture, radio etc	4,145
2106	Bakery products	2	2805	Scientific etc equipment	1	9201	Libraries, museums, arts	2,134
2108	Other food products	2	2806	Electronic equipment	5	9201	Libraries, museums, arts	2,134
2109	Soft drinks, cordials, syrups	19	2808	Other electrical equipment	11	9301	Sport, gambling etc	7,588
2110	Beer and malt	4	2809	Agricultural machinery	1	9301	Sport, gambling etc	7,588
2111	Wine and spirits	1	2810	Mining etc equipment	18	9501	Personal services	4,937
2201	Wool scouring	1	2811	Other machinery and equipment	6	9501	Personal services	4,937
2202	Textile fibres, yarns etc	1	2901	Prefabricated buildings	3	9601	Other Services	7,908
2203	Textile products	n.a.	2902	Furniture	5	9601	Other services	7,908
2204	Knitting mill products	1	2903	Other manufacturing	2	Total All Commodity Groups	717,713	
2205	Clothing	3	3601	Electricity	21			
2206	Footwear	1	3602	Gas	1			
2207	Leather and leather products	1	3701	Water, sewerage and drainage	35			
2301	Sawmill products	n.a.	4101	Residential building	38			
2303	Other wood products	n.a.	4102	Other construction	93			
2305	Paper bags and containers	2	4501	Wholesale trade	40			
			6101	Road transport	19			
			6201	Rail, pipeline, other transp.	27			
			6601	Services to transport; storage	92			
			7301	Banking	194			
			7302	Non-bank finance	49			
			7401	Insurance	1,970			
			7702	Other property services	14,114			
			7802	Legal, accounting etc services	169			

Commodity group totals include confidential and consequentially confidential data which are indicated by the symbol n.a.

Data are rounded to the nearest million

(a) Commodity group in bold, producing industry in normal type

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93
INDIRECT ALLOCATION OF COMPETING IMPORTS. BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS. I13 INDUSTRIES

	(\$ million)														
USAGE	0101	0102	0103	0104	0105	0106	0107	0200	0300	0400	1100	1301	1302	1400	1500
0101 Sheep	27.6	315.9	44.1	41.4	10.9	50.7	21.7								
0102 Grains															
0103 Beef cattle															
0104 Dairy cattle															
0105 Pigs															
0106 Poultry															
0107 Other agriculture	58.5	0.2	121.4	141.0	140.2		167.5	25.6	1.5		0.7		1.1	0.1	
0200 Services to agric.: hunting	243.6	48.1	86.7	10.7	2.8	0.3	302.6		1.3					1.6	
0300 Forestry and logging	0.8		14.0				6.2		98.8		28.4	0.1	16.4		
0400 Commercial fishing										0.2	98.3	1.1	27.7	0.6	0.3
1100 Coal, oil and gas				0.2	0.1	1.4	1.2	2.6	0.3			190.0			
1301 Iron ores															6.0
1302 Non-ferrous metal ores															214.9
1400 Other mining			0.7				12.2		0.7		19.4		71.5	46.9	
1500 Services to mining											576.1	24.3	551.3	39.7	268.1
2101 Meat and meat products	0.7	0.1	4.5	0.1		65.0	0.2	0.6		0.1	0.1	4.4	0.1	0.2	0.1
2102 Dairy products	0.9	1.3	7.9	51.3	13.4	0.3	2.3	5.4		3.2	0.1				
2103 Fruit and vegetable products										0.1					
2104 Oils and fats								0.1							
2105 Flour and cereal foods	2.7		4.6	2.5	0.7	1.3	1.3								
2106 Bakery products	0.6	0.7	0.6	0.4	0.1	5.3	1.2	1.3	0.1	0.4	7.5	2.9	6.8	2.7	1.4
2107 Confectionery															
2108 Other food products	19.8	0.1	68.4	234.4	61.4	225.3	54.4	8.7		149.5		0.3			
2109 Soft drinks, cordials, syrups	0.3	0.3	0.3	0.2			0.5	0.6			0.1		0.3	0.3	0.2
2110 Beer and malt								0.3			2.1	2.0	6.1	0.5	0.2
2111 Wine and spirits	4.4	6.4	11.1	4.9	1.3		11.3	10.2	2.9		1.9	0.5	3.5	0.4	0.1
2112 Tobacco products															
2201 Wool scouring															
2202 Textile fibres, yarns etc	1.6	9.8	5.4	2.4	0.6	0.1	42.7	1.6		14.7	6.2	0.1	6.5	0.1	
2203 Textile products							0.1	3.9	2.5	12.9	2.6	0.4	2.2	0.4	0.1
2204 Knitting mill products							0.1	0.1	0.1	0.6	0.2		0.1		
2205 Clothing							0.1	0.5	0.2	2.0	5.8	3.4	5.7	0.5	
2206 Footwear							0.1	0.2	0.1	1.0	2.5		1.9	0.5	
2207 Leather and leather products	0.3	0.7	1.0	0.2	0.1		5.6	0.2	0.6	2.3	0.5		0.4	0.2	0.7
2301 Sawmill products	5.1		3.3	3.3	2.0					0.2	11.4		4.3		0.1
2302 Plywood, veneer and lab. wood											3.2	0.9	1.7		0.2
2303 Other wood products	0.2	0.2	0.3	0.1			0.4	0.8	0.4	7.8	3.2	0.8	4.7	0.1	1.6
2304 Pulp, paper and paperboard		0.1					0.4	0.4		0.1	1.1		1.1		0.1
2305 Paper bags and containers	0.7	0.1	0.9	0.2	0.1	1.8	72.4	0.1		0.3			1.1		
2306 Other paper products	0.3	0.3	0.3	0.1		46.2	1.0	0.4	0.1	0.7	1.4	2.6	1.0	0.2	0.1
2401 Printing, services to printing	0.6	1.2	1.0	0.4	0.1		0.4	6.5	0.2	0.4	15.9	3.0	8.6	1.8	0.5
2402 Publishing, recorded media etc	64.3	221.7	127.3	36.8	9.7	3.1	203.2	1.4	1.0	0.5	14.4	0.9	18.3	1.7	1.1
2501 Petroleum and coal products	106.7	244.5	220.0	56.5	9.6	0.1	389.8	43.0	33.8	157.7	176.7	77.3	313.7	78.0	12.3
2502 Fertilisers									1.0		7.1	1.6	3.9	2.2	
2503 Other basic chemicals	1.4	5.4	7.9	1.9	0.5	1.9	1.1	1.9		0.5	58.9	1.1	222.7	5.7	4.1
2504 Plastics	54.5	59.5	46.7	30.7	8.1	3.4	3.5	0.6	1.8	9.7	18.2	2.6	8.7	0.5	0.2
2505 Pharmaceuticals etc	0.4	0.4	0.2	0.1			0.4	7.3	0.1	4.0	2.0	0.2	6.2	0.5	
2506 Soap and other detergents	0.1	0.2	0.7	0.1			0.3	10.7	0.1	0.3	3.7	0.8	3.7	0.4	0.1
2507 Cosmetics and toiletries	0.9	0.9	0.9	0.1			0.3	0.8		0.8					
2508 Other chemical products	0.4	0.6	0.9	0.6	0.2		0.2	1.3	1.4	1.5	150.2	51.6	92.2	17.7	0.4
2509 Rubber products	0.3	0.3	0.5	0.2			0.1	1.0	2.8	3.9	94.2	38.2	84.9	13.4	1.0
2510 Plastic products	0.4	0.3	0.5	0.2			0.1	1.8	5.1	23.2	7.3	0.7	25.7	1.9	0.9
2601 Glass and glass products	0.2	0.1	0.1				0.2	0.1	0.3	0.3	0.2	0.3	3.3	0.2	
2602 Ceramic products								0.2	0.1	0.1	0.8	0.2	0.2	0.2	
2603 Cement and lime									1.9		3.7	0.2	30.4	2.5	2.8
2604 Concrete slurry											0.8		3.9		
2605 Plaster, other concrete prod.									176.1		5.2	3.0	16.1	0.3	
2606 Non-metallic min. products nec								0.6	0.1		3.4		2.7	1.8	0.2
2701 Iron and steel								1.0	0.3	0.3	97.5	22.3	64.3	9.5	24.7
2702 Basic non-ferrous metals etc	0.3	0.3	0.6	0.3	0.1	0.4	1.3	0.8	2.0	5.3	2.6	9.8	23.8	0.2	
2703 Structural metal products	0.5	0.1	0.6	0.3	0.3	0.2	0.3	2.0	2.2	0.1	56.7	13.1	121.3	10.2	9.5
2704 Sheet metal products									2.4	0.1	2.8	0.5	58.9	0.2	1.7
2705 Fabricated metal products	8.7	0.7	5.3	0.5	0.1	0.1	10.2	3.0	2.4	15.6	69.0	9.3	40.8	5.3	0.8

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93... continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

USAGE SUPPLY	(\$ million)														
	0101	0102	0103	0104	0105	0106	0107	0200	0300	0400	1100	1301	1302	1400	1500
2801 Motor vehicles and parts etc	2.6	11.6	8.0	1.0	0.3	—	6.6	2.7	0.7	30.9	8.9	7.6	36.3	2.1	1.9
2802 Ships and boats	—	—	—	—	—	—	—	1.7	—	30.3	0.2	—	0.2	—	—
2803 Railway equipment	—	—	—	—	—	—	—	—	—	—	2.3	—	0.2	—	—
2804 Aircraft	0.3	0.3	0.5	0.1	—	—	1.0	2.1	0.1	—	29.2	0.1	0.2	—	0.4
2805 Scientific etc equipment	0.3	0.2	0.3	0.1	—	—	0.2	2.5	0.3	14.7	10.5	1.2	6.3	1.8	1.8
2806 Electronic equipment	0.7	0.4	0.7	0.1	—	—	0.5	3.0	1.6	17.8	12.0	2.4	9.8	2.0	1.9
2807 Household appliances	—	—	—	—	—	—	—	0.7	0.2	12.4	—	—	0.1	—	—
2808 Other electrical equipment	1.5	0.8	8.6	1.0	0.3	0.3	1.5	1.3	2.2	13.3	49.5	11.1	39.2	4.6	0.8
2809 Agricultural machinery	20.1	57.9	43.5	10.6	2.8	3.1	31.5	3.1	0.3	7.5	1.0	0.8	4.0	1.8	—
2810 Mining etc equipment	2.4	3.8	3.8	0.7	0.2	—	1.0	0.7	2.0	6.5	173.2	28.5	140.3	50.7	4.2
2811 Other machinery and equipment	7.8	4.5	6.9	0.9	0.2	0.1	5.2	2.4	13.0	7.0	171.2	13.6	280.0	32.5	5.5
2901 Prefabricated buildings	—	—	—	—	—	—	—	—	—	—	0.4	—	0.7	—	—
2902 Furniture	—	—	—	—	—	—	—	—	—	—	0.2	0.9	0.2	0.3	—
2903 Other manufacturing	0.2	0.3	0.1	—	—	—	0.3	4.0	0.3	69.0	1.8	1.7	2.8	0.8	0.3
3601 Electricity	37.3	16.0	22.3	50.1	13.1	11.5	109.9	10.8	1.0	9.9	367.6	64.7	477.1	49.1	1.1
3602 Gas	—	—	—	1.7	0.4	—	1.9	0.2	0.2	0.6	2.0	37.3	5.1	1.1	—
3701 Water, sewerage and drainage	29.1	32.3	26.7	25.4	6.2	10.8	139.9	4.1	0.3	2.0	9.6	10.0	41.2	3.1	0.2
4101 Residential building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4102 Other construction	56.6	17.2	44.1	16.3	3.0	2.6	1.2	2.8	0.1	—	38.1	0.6	141.1	19.6	—
4501 Wholesale trade	76.7	136.7	99.9	35.8	10.5	19.0	180.5	29.8	23.5	130.4	207.9	55.5	271.4	53.2	12.1
5101 Retail trade	0.2	0.1	0.2	0.1	—	—	0.3	0.7	—	6.5	0.8	1.4	1.9	2.7	3.1
5401 Mechanical repairs	81.3	73.9	73.3	27.6	7.2	1.4	12.4	3.8	37.8	48.8	10.4	9.7	16.1	19.7	5.1
5402 Other repairs	18.1	63.5	36.3	6.5	1.7	1.1	40.6	9.3	3.4	—	89.9	28.3	62.8	118.0	8.1
5701 Accommodation, cafes & restaurants	11.6	7.9	16.1	6.9	1.8	1.4	19.3	15.2	1.7	3.7	14.7	10.7	33.8	4.6	11.2
6101 Road transport	62.4	137.9	165.1	78.7	48.0	18.4	185.4	13.9	19.2	20.8	82.1	13.1	169.9	57.0	13.4
6201 Rail, pipeline, other transp.	4.6	23.6	8.8	6.1	2.9	3.8	10.0	0.8	0.3	1.3	19.2	15.0	15.2	2.8	0.7
6301 Water transport	1.1	1.6	1.2	0.9	0.4	0.5	1.9	0.5	0.3	4.5	14.0	11.5	3.0	2.7	136.2
6401 Air and space transport	7.1	9.9	11.8	5.7	1.5	1.4	19.6	26.1	1.1	4.3	68.2	28.4	129.1	13.1	13.5
6601 Services to transport, storage	6.8	10.4	14.1	8.3	2.2	6.7	21.7	1.8	1.1	13.9	120.7	3.9	16.5	7.2	2.2
7101 Communication services	29.2	19.3	42.1	14.3	3.8	5.9	58.8	6.2	2.9	7.3	49.6	6.6	128.4	16.4	7.4
7301 Banking	61.6	54.8	46.7	26.1	8.2	13.6	84.8	20.3	9.8	16.2	116.4	32.7	108.5	24.9	13.8
7302 Non-bank finance	13.1	9.0	8.1	4.6	1.5	2.5	13.8	4.5	3.3	3.3	27.5	6.6	18.7	4.9	3.5
7303 Financial asset investors	-0.3	0.2	0.2	-0.1	-0.1	-0.1	-0.3	-0.1	-0.1	-0.1	-0.6	-0.1	-0.4	-0.1	-0.1
7401 Insurance	15.1	49.5	24.2	7.3	2.1	3.0	80.0	16.9	15.6	6.9	90.8	72.9	61.2	28.1	8.0
7501 Services to finance etc	0.8	0.5	0.4	0.3	0.1	0.1	0.7	0.3	0.2	0.1	35.6	104.7	48.8	2.0	14.7
7701 Ownership of dwellings	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7702 Other property services	14.2	7.3	10.4	5.0	1.3	1.2	17.0	2.6	0.2	2.7	746.4	9.4	112.4	53.4	8.9
7801 Scientific research etc	39.2	56.2	68.0	15.9	4.2	1.6	58.4	35.4	2.8	1.9	75.5	14.6	60.1	16.3	496.6
7802 Legal, accounting etc services	67.6	51.9	113.4	110.6	29.0	55.3	87.6	14.8	0.9	11.2	131.6	24.7	129.2	27.2	10.3
7803 Other business services	2.1	3.0	10.8	—	—	0.6	5.2	0.7	0.5	0.9	33.7	5.9	44.4	5.0	9.0
8101 Government administration	15.7	2.8	2.9	3.8	1.0	2.1	24.7	50.9	1.2	5.2	17.6	3.1	4.9	1.0	2.2
8201 Defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8401 Education	—	—	—	—	—	—	—	—	—	—	17.1	7.4	20.5	2.9	0.2
8601 Health services	13.9	—	20.1	7.2	1.9	1.1	6.8	13.1	0.1	2.0	0.5	0.1	0.3	—	0.1
8701 Community services	—	—	1.4	—	—	—	—	—	—	—	1.6	0.4	1.9	0.1	0.2
9101 Motion picture, radio etc	—	—	—	—	—	—	—	—	—	—	2.6	1.7	20.1	0.9	0.7
9201 Libraries, museums, arts	0.1	—	—	—	—	—	—	—	—	—	0.1	—	1.0	0.1	0.4
9301 Sport, gambling etc	0.8	—	0.4	0.7	0.2	—	—	—	—	—	1.6	0.1	1.4	—	0.3
9501 Personal services	—	—	—	—	—	—	—	—	—	—	1.1	0.1	1.0	0.1	0.8
9601 Other services	4.1	7.1	6.3	2.6	0.7	0.4	9.8	1.2	0.4	3.7	9.0	1.6	16.8	1.9	0.5
T1 Intermediate Usage	1,315.0	1,795.7	1,741.8	1,105.4	419.4	576.1	2,968.2	471.9	491.3	963.9	4,424.9	1,121.0	4,758.7	885.7	1,140.8
P1 Wages, salaries, surps	267.7	371.9	222.5	142.7	50.4	132.2	785.0	348.6	366.3	311.7	2,266.7	452.4	982.6	292.0	424.8
P2 Gross operating surplus	1,099.3	1,518.2	1,512.0	992.8	106.8	285.5	2,474.9	560.3	201.9	239.0	9,395.9	1,618.1	1,891.5	1,139.1	-15.6
P3 Commodity taxes (net)	17.4	78.0	33.8	10.8	2.5	7.3	74.8	24.5	6.2	37.5	18.2	-6.0	-1.1	13.3	1.4
P4 Indirect taxes (net)	78.5	96.1	96.7	57.0	15.1	25.1	184.3	42.2	35.3	66.0	68.2	38.8	77.0	20.2	40.7
P5 Sales by final buyers	—	—	—	—	—	—	—	—	—	—	3.5	—	0.5	—	1.5
P6A Complementary imports cif	6.7	9.2	8.7	5.5	1.4	2.4	15.5	3.5	2.6	3.9	38.7	7.7	18.4	5.6	3.8
P7A Duty on P6A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T2 Australian Production	2,784.6	3,869.2	3,635.5	2,314.3	595.7	998.7	6,502.8	1,450.9	1,103.7	1,622.0	16,179.6	3,232.1	7,711.6	2,329.3	1,594.6
P6B Competing imports cif	5.4	25.0	1.9	—	—	—	38.1	18.3	10.8	61.5	2,372.9	90.2	1,084.5	90.1	66.0
P7B Duty on P6B	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T3 Total Usage	2,790.0	3,894.2	3,637.4	2,314.3	595.7	998.7	6,892.9	1,469.3	1,114.5	1,683.5	18,556.3	3,322.3	8,796.1	2,420.0	1,660.6

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, I13 INDUSTRIES

SUPPLY	USAGE														
	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2201	2202	2203
0101 Sheep	444.7												533.6		
0102 Grains			15.3	141.0	431.8	6.1	3.2	401.4		200.9	0.3				
0103 Beef cattle	3,516.6														
0104 Dairy cattle		2,307.7													
0105 Pigs	589.9														
0106 Poultry	662.3														
0107 Other agriculture	0.3	44.6	275.4	0.1	1.9	1.5	22.1	1,071.4	34.9	8.3	223.0	136.2			8.6
0200 Services to agric.: hunting	97.5			13.3											0.3
0300 Forestry and logging	3.2	3.4	1.7	13.3	0.8	0.4	0.1	2.0	0.1	0.8	0.3	0.1			0.3
0400 Commercial fishing			6.5	3.3				200.8	0.1						
1100 Coal, oil and gas	24.3	38.4	10.3	1.4	8.5	3.2	1.1	17.2	1.3	5.6	1.9	1.4	0.1	6.3	1.9
1301 Iron ores															
1302 Non-ferrous metal ores															
1400 Other mining															
1500 Services to mining								0.2	0.1						
2101 Meat and meat products	429.5	1.3	30.6	18.5	0.6	47.4		190.5	0.6	0.2	0.1			1.5	2.3
2102 Dairy products	4.8	824.2	9.2	1.3	5.8	41.9		12.5	4.3	0.4	0.3			0.1	0.3
2103 Fruit and vegetable products	0.3	1.5	124.7	7.4	7.4	14.1	4.6	1.7	19.7		0.8				
2104 Oils and fats		0.1	13.5	160.2	8.7	33.4	2.8	93.2	0.3					4.2	2.8
2105 Flour and cereal foods	13.2	3.7	50.1	0.6	297.1	380.3	32.2	56.1	5.1	9.9	0.1			0.6	0.1
2106 Bakery products		0.1			0.1	4.5	2.6	0.1	0.5	0.2	0.1			0.1	0.1
2107 Confectionery		9.5			73.1	83.3	44.2	6.1							
2108 Other food products	38.3	29.0	77.3	9.4	54.5	131.1	29.7	735.1	137.8	30.1	5.0	1.5			0.1
2109 Soft drinks, cordials, syrups	0.4	0.2			0.2	0.2	0.4	7.3	7.3	0.3	0.1			0.1	0.1
2110 Beer and malt		1.0			0.6			6.7	3.2	242.0	0.9	0.7			
2111 Wine and spirits	8.3		2.5		0.5	0.2	6.4	1.0	0.6	0.1	59.7	2.6		0.1	0.1
2112 Tobacco products												4.5			
2201 Wool scouring								2.7							
2202 Textile fibres, yarns etc	0.2											21.5		115.1	65.0
2203 Textile products	9.6	1.8	1.1	3.1	15.4	17.3	0.1	33.1	0.5	0.1		8.3	0.1	281.9	415.7
2204 Knitting mill products	0.9				0.1	0.1	0.1	0.8	0.1					2.6	18.0
2205 Clothing	4.1	0.1			0.1	0.3	0.2	1.1	0.2	0.1				7.8	4.6
2206 Footwear						0.1	0.1	0.1							0.5
2207 Leather and leather products								0.1							
2301 Sawmill products												0.2		0.1	1.9
2302 Plywood, veneer and fib. wood															
2303 Other wood products		0.3													0.9
2304 Pulp, paper and paperboard	0.7	2.4	0.2		22.5	0.9	0.9	3.1	1.1	0.3	0.3	1.3			0.9
2305 Paper bags and containers	116.9	29.6	97.2	11.1	71.1	47.4	30.3	67.1	38.6	56.3	74.7	13.6		4.6	7.9
2306 Other paper products	1.2	7.1	9.5	0.2	8.8	12.4	2.5	10.7	1.0	0.3	0.6	1.4		0.9	3.3
2401 Printing, services to printing	2.7	1.6	2.4	2.0	2.1	9.3	29.2	17.3	49.0	9.7	0.6	2.2		2.2	11.3
2402 Publishing, recorded media etc	0.6	0.6	17.2	1.5	1.8	6.3	3.0	13.3	19.5	11.0	12.9	1.4		5.9	10.5
2501 Petroleum and coal products	41.4	27.5	81.6	0.7	4.7	18.6	2.0	32.5	26.9	2.7	5.7	2.3	0.4	4.5	4.8
2502 Fertilisers	0.1				0.4		0.1	35.6				0.1		0.1	0.2
2503 Other basic chemicals	6.5	7.3	1.2	5.6	14.7	0.2	10.7	51.4	54.5	0.7	4.0	1.0		53.7	37.1
2504 Paints						0.4		2.6							0.4
2505 Pharmaceuticals etc			1.5		0.1		0.1	13.0	0.1						0.1
2506 Soap and other detergents	12.1	0.1	0.2			0.8	0.5	0.6	0.1	0.4			0.3		0.1
2507 Cosmetics and toiletries															
2508 Other chemical products	0.5	2.2	0.9	2.9	0.3	4.3	3.0	6.3	3.4	1.1	2.5	0.6		0.9	16.6
2509 Rubber products	0.2				0.1	0.2		0.6	0.2	0.1				0.1	0.1
2510 Plastic products	85.5	110.3	118.2	32.3	54.5	125.0	116.5	169.6	170.8	18.9	52.5	33.4		13.8	38.3
2601 Glass and glass products	1.4	3.7	74.8	1.5		0.8	0.9	8.1	124.5	44.4	67.1			0.1	0.6
2602 Ceramic products								17.7							
2603 Cement and lime								9.8							
2604 Concrete slurry															
2605 Plaster, other concrete prod.															0.1
2606 Non-metallic min. products nec								7.9		0.5	0.3				1.2
2701 Iron and steel			1.0					3.3		1.2					5.7
2702 Basic non-ferrous metals etc		0.7				15.9	10.8	15.6			22.3	0.1			5.4
2703 Structural metal products															4.4
2704 Sheet metal products	7.4	17.8	290.1	6.3	10.7	4.5	0.3	40.8	267.8	229.8	56.6				0.1
2705 Fabricated metal products	5.3	0.2	0.2	0.1	0.6	0.6	0.2	18.1	1.2	0.4	0.3	0.1		0.3	18.3

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, I13 INDUSTRIES

	USAGE														
	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2201	2202	2203
SUPPLY	(\$ million)														
2801 Motor vehicles and parts etc	0.5				0.2		0.2	0.3	0.4			0.2			
2802 Ships and boats	1.0				0.1		0.2	1.0		0.1					
2803 Railway equipment															
2804 Aircraft															
2805 Scientific etc equipment	1.3	0.1			0.3	0.5	0.3	3.7	0.4	0.3	0.2			0.1	2.3
2806 Electronic equipment	1.5	0.1	0.1		0.5	1.0	0.7	4.8	0.9	0.6				0.1	0.1
2807 Household appliances	0.6														0.1
2808 Other electrical equipment	0.7	0.2	0.1		0.6	0.8	0.4	3.6	1.0	0.7	0.4			0.1	0.2
2809 Agricultural machinery															
2810 Mining etc equipment	1.0	0.6	0.5		0.1	0.1		2.4	0.3	0.2					4.6
2811 Other machinery and equipment				0.9	4.1	8.8	6.3	39.8	7.7	5.3	3.6	0.4		2.5	
2901 Prefabricated buildings															
2902 Furniture	1.5				1.0			0.2	0.5		2.9				0.1
2903 Other manufacturing	0.9	0.2	5.0		7.5	0.9	0.7	2.4	14.7	13.5	18.3	1.4		7.2	5.3
3601 Electricity	85.8	46.1	23.2	2.7	38.4	30.5	8.2	39.4	8.6	20.4	10.2	5.5	0.1	13.3	9.7
3602 Gas	20.9	10.2	6.6	1.5	10.3	16.2	2.9	19.4	2.3	15.8	0.9	0.9	0.1	6.0	3.9
3701 Water, sewerage and drainage	4.4	0.4		2.2	0.5	7.3	0.7	11.5	1.1	7.6		0.9	0.1	2.2	3.1
4101 Residential building															
4102 Other construction	0.6				0.2	0.2	0.2	0.2	0.4	0.1	0.1		0.1		0.1
4501 Wholesale trade	335.5	247.3	104.2	41.1	113.6	176.1	138.7	309.5	73.0	257.8	23.1	12.9	118.7	140.2	63.1
5101 Retail trade	1.8	0.3	0.1		2.7	8.1	4.6	3.0	0.9	0.1	1.0			0.9	2.9
5401 Mechanical repairs	14.7	2.3	0.4	0.3	2.1	21.0	0.5	12.8	25.8	0.8	1.0	0.3		0.2	0.8
5402 Other repairs	9.8	0.5	0.3		1.8	33.8	0.5	9.5	4.8	1.2	1.0	0.2		0.3	0.7
5701 Accommodation, cafés & restaurants	10.7	1.8	1.0	0.5	8.9	29.4	4.8	15.4	9.2	14.3	18.5	3.9	0.1	7.2	9.5
6101 Road transport	595.1	164.7	98.7	30.9	68.7	28.3	13.6	233.4	29.2	56.7	13.6	16.2	33.1	12.8	9.3
6201 Rail, pipeline, other transp.	24.4	14.6	4.4	7.3	33.2	2.3	0.7	35.6	1.0	14.8	0.4	1.4	15.4	3.6	0.6
6301 Water transport	0.6	0.3	1.3	0.2	0.8	0.5	0.3	5.8	1.0	0.6	0.3	0.3	0.3	0.5	0.5
6401 Air and space transport	7.8	1.1	2.2	0.3	5.2	21.9	1.2	13.5	3.9	1.1	6.5	0.9	0.1	7.1	9.3
6601 Services to transport; storage	12.4	5.1	3.6	5.3	17.4	15.7	1.2	49.2	16.0	4.4	3.3	1.6	2.0	2.9	3.1
7101 Communication services	65.2	1.7	26.1	3.6	6.6	25.3	1.4	16.8	5.3	2.5	9.4	9.4	0.1	9.4	21.2
7301 Banking	87.3	38.2	24.7	6.4	18.7	28.6	9.1	55.7	14.7	20.1	10.8	10.2	5.9	30.0	17.0
7302 Non-bank finance	41.0	10.4	4.7	1.7	7.0	11.7	9.2	22.8	7.4	5.9	5.4	37.9	1.4	4.3	4.4
7303 Financial asset investors	-0.5	-0.2	-0.1		-0.1	-0.1	-0.1	-0.3	-0.1	-0.1				-0.1	-0.1
7401 Insurance	4.4	4.4	8.1	0.7	11.3	16.3	3.3	25.4	23.5	11.6	10.2	1.4	0.3	0.7	1.8
7501 Services to finance etc	16.4	1.1	0.6	0.3	3.2	0.6	14.0	13.7	0.7	1.5	1.0	1.3	0.1	0.6	1.2
7701 Ownership of dwellings															
7702 Other property services	211.9	1.0	0.6	0.1	5.1	1.0	1.7	7.3	3.0	0.9	0.9	0.2		0.8	1.1
7801 Scientific research etc	81.3	13.0	42.6	0.8	15.8	30.3	3.3	55.3	22.4	1.2	15.3	17.5	0.1	17.9	42.0
7802 Legal, accounting etc services	39.3	20.0	26.9	16.6	179.8	30.1	77.1	222.0	61.2	43.1	11.2	13.0	0.2	71.4	25.8
7803 Other business services	33.4	0.8	19.2	0.3	0.6	18.9	0.8	3.3	6.0	0.3	6.8	8.3		1.6	1.7
8101 Government administration	30.1	2.1	0.6	0.8	10.4	5.1	3.6	45.2	13.0	4.4	3.2	0.3	1.4	1.6	3.1
8201 Defence															
8401 Education															
8601 Health services	53.4				0.1	0.1	0.1	0.2	0.3	0.2	0.1	0.1		0.1	0.2
8701 Community services	0.4	0.1			0.2	0.2	0.9		0.6	0.6		0.2			0.1
9101 Motion picture, radio etc	3.1	0.4	6.6	1.6	0.6	3.7	4.4	9.5	21.0	2.4	1.2	1.9		2.3	5.7
9201 Libraries, museums, arts	0.3		0.2		0.2	0.2	3.4		0.1		0.1	0.2			
9301 Sport, gambling etc	0.3	0.1	0.1					1.0				18.0			
9501 Personal services	4.9	0.2	3.5	0.2	0.2	2.3	0.7	1.9	2.4	0.3	1.4	1.5		0.3	1.7
9601 Other services	52.4	2.3	19.3	0.2	14.2	15.9	0.6	7.4	1.9	0.5	7.1	7.3		2.2	1.4
T1 Intermediate Usage	7,988.9	4,069.0	1,750.1	540.8	1,690.9	1,652.5	707.3	4,686.4	1,362.1	1,388.7	786.2	475.9	755.1	1,278.2	956.5
P1 Wages, salaries, supps	1,326.3	525.7	343.7	86.3	265.1	736.2	239.2	777.4	332.1	267.8	155.7	129.2	61.7	437.2	283.2
P2 Gross operating surplus	534.7	620.3	184.3	66.1	432.4	228.9	171.2	610.9	179.3	690.7	238.2	121.5	30.3	110.6	138.8
P3 Commodity taxes (net)	137.0	21.8	31.9	3.0	34.1	41.1	14.8	64.8	50.7	18.1	21.0	21.4	52.3	17.3	5.2
P4 Indirect taxes net (net)	80.7	45.5	32.2	5.8	23.0	54.2	11.3	46.2	21.0	20.5	14.6	12.9	1.6	12.6	20.9
P5 Sales by final buyers															
P6A Complementary imports cif															
P7A Duty on P6A															
T2 Australian Production	10,091.8	5,294.9	2,347.9	703.6	2,451.3	2,719.4	1,525.6	6,270.5	1,849.5	2,391.5	1,218.6	762.7	903.2	1,850.3	1,411.3
P6B Competing imports cif	58.1	188.1	417.9	271.2	96.7	97.9	188.0	890.6	197.2	34.4	298.2	46.8	42.9	1,678.9	677.6
P7B Duty on P6B	1.0	2.2	17.9	2.7	3.2	3.7	14.9	9.6	7.4		5.3			90.9	70.1
T3 Total Usage	10,151.0	5,485.2	2,781.7	977.5	2,551.2	2,820.0	1,355.5	7,170.8	2,054.1	2,426.0	1,522.1	809.5	946.1	3,620.2	2,159.8

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93...continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, I13 INDUSTRIES

SUPPLY	USAGE														
	2204	2205	2206	2207	2301	2302	2303	2304	2305	2306	2401	2402	2501	2502	2503
0101 Sheep				19.5										0.8	
0102 Grains														6.4	
0103 Beef cattle														1.1	
0104 Dairy cattle														1.2	
0105 Pigs														0.6	
0106 Poultry														2.3	
0107 Other agriculture		0.4		2.9	0.2		0.1	0.3	0.9		0.4	3.9	0.5	0.2	0.6
0200 Services to agric., hunting														21.3	2.3
0300 Forestry and logging	23.1			1.9	234.3	27.5	12.3	199.9	0.2	1.3	0.6	0.1	0.2	0.2	2.3
0400 Commercial fishing									0.1						
1100 Coal, oil and gas	0.5	0.3	0.1	0.6	1.7	2.0	0.4	35.5	2.2	11.6	1.1	0.2	6.321.1	1.1	102.8
1301 Iron ores															
1302 Non-ferrous metal ores														0.2	2.2
1400 Other mining								7.3	0.5			7.1	25.0	17.3	44.0
1500 Services to mining															
2101 Meat and meat products	0.3	13.4		176.0	0.3	0.1	0.1	0.3	0.2	0.1	0.6	0.9	0.2	64.1	19.9
2102 Dairy products	0.1				0.7	0.4	0.3	0.7	0.9	0.6	1.9	5.3	0.2	0.6	0.9
2103 Fruit and vegetable products						0.1		0.1		0.1	0.1	0.2	0.2	0.1	0.1
2104 Oils and fats	0.8														43.7
2105 Flour and cereal foods								19.5	32.4	0.4	0.4	0.1	0.1	9.8	10.7
2106 Bakery products					0.1	0.1	0.1	0.3	0.1	0.2	0.3	0.5	0.3	0.2	0.2
2107 Confectionery											0.1	0.2	0.1		0.1
2108 Other food products	0.1				0.2	0.1	0.1	0.1	0.1	0.1	0.7	1.3	0.4	0.1	10.8
2109 Soft drinks, cordials, syrups					0.1		0.1	0.1	0.2	0.1	0.4	1.4	0.3	0.1	0.2
2110 Beer and malt					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.5	0.1	0.1	0.1
2111 Wine and spirits					0.1	0.2	0.1	0.2	0.5	0.3	0.2	2.1	0.3	0.2	2.3
2112 Tobacco products															
2201 Wool scouring	0.2			1.5											
2202 Textile fibres, yarns etc	257.5	1,373.0	19.4	6.8			2.6		44.3	1.6	4.4	0.1	3.7	0.1	
2203 Textile products	1.0	12.1	4.7	0.1	1.3	2.4	8.9	0.9	11.0	0.7	4.4	3.7	1.2	20.8	4.0
2204 Knitting mill products	87.1	226.7						0.3	8.4		0.2	1.2			
2205 Clothing		35.9	3.9	3.3	0.1	0.1		0.3	0.2	0.1	1.5	2.6	0.4	0.1	3.0
2206 Footwear		20.8							0.1	0.1	0.1	1.0	0.2		
2207 Leather and leather products	1.2	21.6	167.1	129.4		0.1	0.1	6.4	0.9		0.8	0.1	0.2		
2301 Sawmill products		0.1	0.9		552.7	51.1	474.6								
2302 Plywood, veneer and fib. wood			0.3		7.0	221.8	161.9				0.5	0.2	5.4		
2303 Other wood products						6.4	40.0				1.9	0.3		0.2	1.5
2304 Pulp, paper and paperboard	0.6	0.1	0.1	1.0	0.8	0.8	3.5	211.5	40.1	113.0	1,286.8	297.5	2.9	0.3	41.4
2305 Paper bags and containers	12.7	14.6	7.8	0.8	0.7	0.7	0.9	3.8	35.9	38.6	28.2	6.1	0.5	1.8	7.5
2306 Other paper products	0.1	0.4					0.5	12.4	18.9	4.9	2.7	5.7	0.2	0.3	0.3
2401 Printing, services to printing	3.8	17.5	4.2	1.4	5.9	2.8	4.4	7.6	19.6	10.2	163.8	116.8	4.9	2.6	19.5
2402 Publishing, recorded media etc	10.1	51.4	7.9	3.5	14.3	8.2	13.2	15.2	11.1	13.8	61.7	169.5	11.2	6.1	41.8
2501 Petroleum and coal products	1.3	2.8	0.7	1.2	24.2	8.3	4.4	18.2	13.7	5.3	20.5	26.2	1,127.0	12.7	227.0
2502 Fertilisers	0.1			0.2						0.4				117.7	1.6
2503 Other basic chemicals	39.9	16.3	4.3	25.1	5.6	29.6	4.1	59.4	45.8	43.2	163.9	0.6	365.6	88.3	1,145.8
2504 Paints				0.1	0.9	3.3	23.2		4.0		0.5	0.3	0.2	0.2	1.0
2505 Pharmaceuticals etc					0.1				0.1		0.5	0.3	0.2	55.5	107.1
2506 Soap and other detergents									0.1		0.2	0.7	0.1	0.1	1.6
2507 Cosmetics and toiletries															
2508 Other chemical products	0.1	5.6	7.4	9.0	21.6	64.9	6.2	31.9	38.8	12.4	97.5	18.7	31.2	11.2	50.9
2509 Rubber products	0.1	1.3	9.1		0.1	0.7	0.1	0.1	0.7	0.1	32.7	6.1	2.8	0.2	0.3
2510 Plastic products	13.9	21.5	11.2	4.3	1.8	17.7	16.2	4.6	170.7	72.4	70.0	53.6	24.0	28.4	47.6
2601 Glass and glass products					0.6	0.1	10.7				1.8		0.1		9.4
2602 Ceramic products							1.6								
2603 Cement and lime															22.9
2604 Concrete slurry															
2605 Plaster, other concrete prod.			0.1				44.3								
2606 Non-metallic min. products nec						34.6	0.7	5.5	0.2	0.1	1.4	0.3	0.5	0.3	0.4
2701 Iron and steel					0.7	2.5	10.1		8.1	0.1	1.8	0.3	9.4	1.4	32.9
2702 Basic non-ferrous metals etc		1.5		0.2	0.1	5.3	19.7		2.1	4.0	34.5	0.6	6.3	12.4	112.4
2703 Structural metal products			0.2	0.1		8.4	50.3	12.4	0.1					0.2	
2704 Sheet metal products							2.5		0.1		0.2	0.8	1.1	0.1	6.6
2705 Fabricated metal products	0.7	0.7	4.4	2.1	2.7	1.0	53.7	15.6	7.2	2.1	2.1	10.4	2.2	13.3	26.6

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, US INDUSTRIES

SUPPLY	USAGE														
	2204	2205	2206	2207	2301	2302	2303	2304	2305	2306	2401	2402	2501	2502	2503
8001 Motor vehicles and parts etc	0.1				0.2	0.1	0.5	0.5	0.4	0.2	0.5	0.1	3.6	0.4	1.0
802 Ships and boats															
803 Railway equipment															
804 Aircraft															
805 Scientific etc equipment	0.3	9.0			0.4	0.1	0.1	0.5	1.7	0.7	96.5	54.2	1.0	0.2	1.8
806 Electronic equipment					0.8		0.1	0.1	0.1	1.1	2.7	151.7	3.9	0.1	0.5
807 Household appliances															
808 Other electrical equipment					0.6	0.9	4.1	0.5	1.3	0.9	1.8	18.5	2.3	0.2	1.9
809 Agricultural machinery															
810 Mining etc equipment					0.6	0.1	0.1	0.3	0.3	0.1	0.3	1.5	1.1	0.5	0.6
2811 Other machinery and equipment	0.2		0.9		7.3	6.4	4.0	9.0	9.2	6.6	16.8	4.1	5.3	0.4	3.1
2901 Prefabricated buildings					0.1		2.2					0.1			
2902 Furniture					0.2							0.2			
2903 Other manufacturing	2.1	3.4		15.1	0.4	1.1	1.0	1.1	0.9	10.4	3.5	12.1	1.6	0.7	7.7
3601 Electricity	5.9	14.8	3.0	2.4	15.9	20.1	5.3	71.2	12.8	14.8	38.9	18.7	7.7	13.0	70.4
3602 Gas	1.5	1.9	0.1	0.9	0.4	7.5	0.2	14.6	5.9	3.1	4.0	0.8	10.5	41.1	30.0
3701 Water, sewerage and drainage					0.1	0.2	0.3	10.4	0.6	10.7		16.1	1.0	14.6	3.6
4101 Residential building					1.3	0.1	0.1	0.4	0.4	0.2	0.5	2.4	1.0	0.3	0.7
4102 Other construction	32.8	111.3	14.9	61.9	115.6	64.2	145.2	42.0	94.7	34.8	233.6	144.6	221.7	49.1	167.0
4501 Wholesale trade	0.2	0.1	0.2	0.5	3.3	4.1	10.3	1.1	8.0	35.5	18.4	27.5	44.6	0.2	22.7
5101 Retail trade	0.2				6.0	1.2	2.5	0.4	7.8	1.8	13.4	63.5	3.5	1.2	3.9
5401 Mechanical repairs	0.2				3.8	1.3	0.9	4.0	3.9	1.4	5.4	24.5	4.9	3.2	8.6
5402 Other repairs	7.5	0.1			7.6	3.8	3.8	4.6	16.6	6.3	19.2	89.0	13.1	4.2	32.9
5701 Accommodation, cafes & restaurants	4.1	31.5	7.2	17.0	154.6	22.2	105.8	49.6	15.9	7.6	59.5	21.0	71.6	39.6	51.5
6101 Road transport	0.3	1.1	0.2	1.1	0.8	0.8	1.8	2.8	1.5	0.7	3.0	2.6	2.5	3.0	5.9
6201 Rail, pipeline, other transp.	0.2	1.4	0.1	0.2	0.6	0.3	0.6	0.7	1.0	0.3	2.6	0.9	534.8	5.8	4.1
6301 Water transport	2.2	6.4	0.3	0.2	2.7	2.0	2.7	3.4	9.5	4.7	22.7	38.6	8.9	7.0	15.9
6401 Air and space transport	1.5	2.9	0.5	0.9	16.4	7.6	6.2	12.0	31.3	8.2	15.8	107.6	65.9	12.8	33.8
6601 Services to transport; storage	10.9	37.2	7.0	4.7	17.6	8.5	18.4	15.8	13.1	10.1	62.8	76.4	10.7	4.9	38.6
7101 Communicatiom services	3.6	10.9	1.5	1.1	6.1	2.4	6.7	6.5	9.6	2.1	37.0	50.4	18.4	3.8	14.6
7301 Banking	0.1	0.2	0.8	0.2	9.5	3.2	5.4	5.0	14.3	4.3	26.6	110.1	35.0	3.2	15.1
7303 Non-bank finance	0.6	2.7	0.8	0.1	0.1	1.1	1.1	2.2	6.7	1.5	6.0	40.8	13.7	1.9	6.6
7401 Insurance	0.4	0.4	0.1	0.1	2.2	1.1	1.1	2.2	6.7	1.5	6.0	40.8	13.7	1.9	6.6
7501 Services to finance etc	1.6														
7701 Ownership of dwellings	8.9	49.0	8.8	3.7	17.0	5.0	1.6	3.2	4.9	4.9	11.1	10.7	4.3	1.7	8.0
7801 Other property services	10.4	37.2	6.0	2.2	9.0	6.2	6.5	6.2	8.9	14.7	31.1	79.0	5.8	3.7	23.4
7802 Legal, accounting etc services	2.7	22.4	3.9	1.6	6.9	3.8	4.9	5.3	16.9	10.2	39.0	91.7	6.8	3.0	21.8
7803 Other business services	0.8				6.9	3.7	3.1	7.0	22.1	5.2	18.8	141.9	45.1	4.3	21.5
8101 Government administration															
8201 Defence															
8401 Education															
8601 Health services	0.1	20.1	7.5		1.2	0.1	6.9	0.2	0.8	0.1	0.9	58.5	1.0	0.5	1.1
8701 Community services	0.8	3.7	1.0		0.5	0.1	0.9		3.2	0.8	1.2	15.4	0.6	0.3	0.6
9101 Motion picture, radio etc					0.1				0.3	0.2	0.9	175.8	0.2		0.2
9201 Libraries, museums, arts															
9301 Sport, gambling etc															
9501 Personal services															
9601 Other services															
T1 Intermediate Usage	566.6	2,246.9	350.6	510.5	1,328.6	696.6	1,353.6	990.7	1,241.5	585.8	2,975.9	2,674.5	9,198.2	740.6	2,913.8
P1 Wages, salaries, suppl	218.9	802.0	182.8	98.6	472.9	164.8	512.4	299.8	370.6	155.1	1,498.8	1,407.7	297.3	105.7	547.6
P2 Gross operating surplus	96.8	256.0	42.5	16.6	310.3	47.1	198.8	374.1	190.7	141.2	627.4	1,124.1	698.0	122.1	624.5
P3 Commodity taxes (net)	0.6	7.5	2.3	1.4	15.4	9.4	4.8	15.4	7.5	13.0	154.6	99.3	99.4	42.8	42.1
P4 Indirect taxes (net)	3.8	10.0	5.7	4.7	19.5	11.3	9.0	17.7	33.7	10.1	80.1	96.6	55.5	12.7	47.6
P5 Sales by final buyers								28.3							
P6A Complementary imports cif	2.1	7.9	1.4	1.5	5.0	2.2	5.0	4.1	4.6	2.2	12.6	12.9	24.8	76.8	10.0
P7A Duty on P6A															
T2 Australian Production	888.8	3,315.3	585.3	637.2	2,101.7	931.5	2,083.6	1,730.1	1,912.6	907.4	5,349.4	5,401.2	10,373.3	1,100.7	4,185.6
P6B Competing imports cif	455.2	984.0	541.7	444.6	672.8	135.5	182.8	1,459.0	30.7	166.0	393.5	1,075.3	2,109.5	419.6	3,325.1
P7B Duty on P6B	134.0	272.0	173.2	29.3	12.2	3.1	6.8	61.2	2.2	7.4	13.7	3.6	0.6	62.7	
T3 Total Usage	1,478.0	4,571.2	1,390.2	1,411.0	2,786.6	1,070.1	2,273.2	3,250.4	1,945.5	1,080.8	5,756.6	6,480.1	12,483.5	1,520.3	7,573.5

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, I13 INDUSTRIES

	2504	2505	2506	2507	2508	2509	2510	2601	2602	2603	2604	2605	2606	2701	2702
USAGE															
SUPPLY															
0101 Sheep															
0102 Grains			18.4	1.1	0.1										
0103 Beef cattle															
0104 Dairy cattle															
0105 Pigs															
0106 Poultry															
0107 Other agriculture			2.7	0.2	0.2	1.0	79.6					0.2	2.3	1.1	0.2
0200 Services to agric., hunting	0.5		1.0	2.3	0.4										
0300 Forestry and logging	0.3	0.3	0.1	0.1	0.5	0.1	3.9	0.7	4.2	4.1		0.4	0.6	1.7	24.7
0400 Commercial fishing								1.2							
1100 Coal, oil and gas	0.5	1.6	0.8	0.2	2.6	1.0	2.0	4.9	25.0	50.5	0.1	3.5	4.2	134.7	323.5
1301 Iron ores														509.7	1.1
1302 Non-ferrous metal ores					3.8				0.2			1.1	2.7		15.9
1400 Other mining	3.5		0.4	0.5	4.7	0.4	1.8	27.5	30.7	23.4	417.5	145.7	77.9	76.0	3,935.7
1500 Services to mining															1.3
2101 Meat and meat products	0.1		28.1	1.9	7.3	0.1	0.4			0.1				0.1	
2102 Dairy products	0.4		0.3	0.3	0.3	0.1	2.1	0.2	0.3	0.6		0.3	0.1	1.5	0.2
2103 Fruit and vegetable products			1.9	0.1						0.1					
2104 Oils and fats	39.5	42.8	36.1	18.2	1.1		0.8								
2105 Flour and cereal foods					2.3										0.2
2106 Bakery products			0.1	0.1		0.1	0.5	0.1	0.1					0.1	
2107 Confectionery															
2108 Other food products	0.1	0.4	0.1	0.1	1.7	0.1	0.7			0.1		0.1	0.1	0.3	0.1
2109 Soft drinks, cordials, syrups	0.1		0.1				0.2		0.1	0.1		0.1		0.1	0.1
2110 Beer and malt										0.1					
2111 Wine and spirits	0.2		0.1	0.1			0.1	0.1	0.1	0.3				0.2	
2112 Tobacco products															
2201 Wool scouring															
2202 Textile fibres, yarns etc					1.0	45.6	80.3	0.4				0.5	3.4	0.6	0.1
2203 Textile products				2.6		4.0	49.9	0.5		0.1	0.5	2.3	5.3	33.8	2.2
2204 Knitting mill products							3.5					0.6	1.5	0.1	
2205 Clothing	0.1				0.1	0.6	0.2	0.1	0.2	0.2		0.1		2.6	0.1
2206 Footwear						0.6	0.1			0.1				0.8	
2207 Leather and leather products						1.4								0.5	
2301 Sawmill products							10.9						0.3	3.1	0.2
2302 Plywood, veneer and fab. wood													0.6	1.8	
2303 Other wood products								4.9	2.6				2.7	0.5	0.9
2304 Pulp, paper and paperboard	0.9		3.7	4.6	8.4	0.5	6.5	2.2	1.2	0.4			19.3	2.0	3.0
2305 Paper bags and containers	1.0	27.5	24.1	6.4	11.2	0.4	43.6	2.5	4.6	58.8	0.9	3.9	9.0	0.3	0.8
2306 Other paper products	0.1		0.2	0.6	0.1	0.2	24.0	0.5	1.1	0.1			0.7	0.5	0.1
2401 Printing, services to printing	19.0	32.3	5.9	5.2	5.1	33.2	21.1	7.2	6.2	1.5	4.8	14.1	1.4	14.0	9.0
2402 Publishing, recorded media etc	9.5		2.0	16.2	1.6	91.8	55.1	4.6	2.0	1.1	10.1	1.6	1.9	8.8	2.0
2501 Petroleum and coal products	26.9	4.5	3.6	2.8	24.4	11.4	11.2	5.8	18.1	35.6	8.1	12.9	5.4	124.7	334.2
2502 Fertilisers								0.3						0.5	2.0
2503 Other basic chemicals	186.4	23.4	235.9	88.2	165.1	96.3	1,156.9	102.7	60.1	2.5	0.8	21.4	51.1	100.7	251.3
2504 Paints	45.4				10.4		25.2	2.8	2.2			0.3	0.7	100.0	0.7
2505 Pharmaceuticals etc			16.2	1.8	3.3		0.3								
2506 Soap and other detergents	0.3	3.0	11.2	24.9	1.4		0.1					0.1			
2507 Cosmetics and toiletries			16.1	6.2	0.9										
2508 Other chemical products	0.9	72.5	5.0	21.0	91.5	0.5	53.0	2.1	62.1	0.1	5.2	30.4	15.9	22.6	13.5
2509 Rubber products	0.1		0.1		0.2	87.7	6.5	0.1	0.2	0.1		2.5	0.2	7.3	0.4
2510 Plastic products	5.1	145.6	83.4	48.5	52.9	11.3	493.9	7.4	6.6	2.5		3.5	20.5	28.8	30.2
2601 Glass and glass products		41.5	1.7	1.3	1.6		11.2	132.6				1.9	5.0	0.5	
2602 Ceramic products							0.6		53.2				0.1	180.7	17.3
2603 Cement and lime							0.1		11.6	18.0	306.3	197.1	31.9	0.7	
2604 Concrete slurry											0.7	18.1			
2605 Plaster, other concrete prod.									13.1		21.0	62.1	19.6		
2606 Non-metallic min. products nec	1.7			1.9	1.8		40.8	14.0	28.8	16.5	2.3	24.4	43.0	36.7	9.6
2701 Iron and steel					33.1	1.6	6.0	1.0	0.2	8.4	8.0	77.3	2.4	1,738.1	55.4
2702 Basic non-ferrous metals etc	36.2		0.2	0.2	11.4	0.6	80.2	2.1	9.7		7.7	88.0	2.6	7,595.5	830.2
2703 Structural metal products							1.7	0.2					2.8	4.4	
2704 Sheet metal products	13.5	54.4	3.9	4.7	11.0		1.7	1.5	1.5			0.6		6.7	0.2
2705 Fabricated metal products	0.4		0.5	0.1	156.3	6.9	45.1	3.7	12.4	1.5		4.7	3.0	65.2	31.9

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

USAGE SUPPLY	(\$ million)														
	2504	2505	2506	2507	2508	2509	2510	2601	2602	2603	2604	2605	2606	2701	2702
2801 Motor vehicles and parts etc	—	—	—	—	—	—	—	0.5	—	—	—	—	—	—	—
2802 Ships and boats	0.1	—	—	—	—	—	0.3	0.1	0.3	0.7	—	—	—	1.5	—
2803 Railway equipment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.2
2804 Aircraft	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.3
2805 Scientific etc equipment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2806 Electronic equipment	0.2	—	—	—	—	—	0.3	0.1	0.2	0.3	—	—	—	—	0.4
2807 Household appliances	0.4	—	—	—	—	—	6.1	0.2	0.3	0.4	—	—	—	—	0.5
2808 Other electrical equipment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2809 Agricultural machinery	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2810 Mining etc equipment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2811 Other machinery and equipment	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2901 Prefabricated buildings	3.9	—	—	—	—	—	10.7	5.2	1.4	0.9	—	—	—	—	—
2902 Furniture	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2903 Other manufacturing	1.2	—	—	—	—	—	31.4	0.7	1.6	0.6	—	—	—	—	—
3601 Electricity	3.5	—	—	—	—	—	65.4	25.5	39.5	30.1	8.0	12.9	17.1	64.9	438.7
3602 Gas	1.1	—	—	—	—	—	6.9	48.6	85.2	46.1	—	13.6	21.8	36.0	245.0
3701 Water, sewerage and drainage	0.7	—	—	—	—	—	0.1	0.6	0.1	1.8	—	0.4	0.9	23.7	11.5
4101 Residential building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4102 Other construction	0.1	—	—	—	—	—	0.3	0.1	0.3	0.6	—	—	—	—	—
4501 Wholesale trade	44.3	—	—	—	—	—	206.3	44.9	25.9	18.1	17.0	34.6	27.5	260.8	269.4
5101 Retail trade	0.6	—	—	—	—	—	10.0	2.7	2.9	1.5	0.4	5.5	2.6	9.6	2.5
5401 Mechanical repairs	3.1	—	—	—	—	—	5.0	0.9	2.9	2.7	—	2.2	0.5	5.3	3.0
5402 Other repairs	1.7	—	—	—	—	—	3.2	1.3	2.9	6.5	—	1.0	0.3	9.0	3.0
5701 Accommodation, cafes & restaurants	7.7	—	—	—	—	—	25.6	3.6	7.6	4.7	—	3.1	1.9	24.5	15.9
6101 Road transport	10.8	—	—	—	—	—	39.9	25.0	23.1	15.1	403.7	160.7	70.3	108.7	108.7
6201 Rail, pipeline, other transp.	1.2	—	—	—	—	—	2.0	0.9	1.8	1.8	12.3	7.7	1.8	107.3	69.1
6301 Water transport	0.4	—	—	—	—	—	0.4	0.2	0.6	0.3	2.1	1.3	0.7	62.0	89.0
6401 Air and space transport	5.5	—	—	—	—	—	16.8	3.0	5.7	3.1	0.2	2.2	1.4	15.3	13.5
6601 Services to transport, storage	7.4	—	—	—	—	—	14.0	2.3	5.5	15.6	0.6	13.4	2.7	65.3	14.0
7101 Communication services	8.8	—	—	—	—	—	38.0	3.8	10.5	3.4	9.4	28.0	3.0	32.4	29.4
7301 Banking	12.8	—	—	—	—	—	43.6	10.4	14.3	8.5	14.8	16.1	6.6	78.4	107.8
7302 Non-bank finance	3.3	—	—	—	—	—	13.7	2.6	2.9	1.9	3.5	4.0	1.8	31.1	29.0
7303 Financial asset investors	-0.1	—	—	—	—	—	-0.2	-0.1	-0.1	-0.1	-0.1	-0.1	—	-0.4	74.5
7401 Insurance	2.9	—	—	—	—	—	10.0	4.8	5.2	2.7	2.9	5.3	3.2	27.2	3.6
7501 Services to finance etc	1.3	—	—	—	—	—	3.7	0.7	1.0	1.6	0.2	1.1	0.3	12.8	3.5
7701 Ownership of dwellings	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7702 Other property services	1.4	—	—	—	—	—	6.1	4.2	2.3	5.6	0.1	1.1	0.7	596.9	344.4
7801 Scientific research etc	17.3	—	—	—	—	—	66.7	20.9	24.0	19.8	10.3	23.1	6.8	46.7	47.3
7802 Legal, accounting etc services	63.4	—	—	—	—	—	30.5	15.6	48.2	19.5	5.7	31.2	49.2	84.4	77.7
7803 Other business services	1.3	—	—	—	—	—	22.3	3.8	2.3	0.5	4.6	10.6	0.7	12.9	2.7
8101 Government administration	4.1	—	—	—	—	—	11.0	1.8	3.0	5.4	0.1	3.1	0.8	41.3	6.8
8201 Defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8401 Education	0.2	—	—	—	—	—	2.4	0.1	0.1	0.2	—	0.1	0.1	0.1	—
8601 Health services	1.6	—	—	—	—	—	0.5	0.1	0.1	—	—	0.4	0.7	0.5	0.1
8701 Community services	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9101 Motion picture, radio etc	10.6	—	—	—	—	—	2.4	5.0	2.1	0.3	—	0.2	0.4	4.8	1.5
9201 Libraries, museums, arts	—	—	—	—	—	—	0.2	—	—	—	—	—	—	—	—
9301 Sport, gambling etc	—	—	—	—	—	—	0.7	—	—	—	—	—	—	—	—
9501 Personal services	1.2	—	—	—	—	—	1.8	0.9	0.4	0.3	—	—	—	—	—
9601 Other services	2.6	—	—	—	—	—	29.2	0.5	3.8	4.1	7.2	21.0	1.7	3.9	4.5
T1 Intermediate Usage	820.4	2,613.1	708.9	386.0	833.8	785.3	3,066.2	544.6	688.1	453.9	1,297.2	1,147.8	582.8	5,899.3	6,956.3
P1 Wages, salaries, supps	204.5	524.8	127.3	104.9	211.6	293.7	998.6	231.5	348.4	106.4	156.0	31.3	137.2	1,430.7	1,201.0
P2 Gross operating surplus	240.8	472.0	148.5	138.9	163.7	131.6	665.0	196.4	224.9	227.3	30.1	410.2	131.6	842.7	1,356.2
P3 Commodity taxes (net)	24.9	23.0	10.5	7.6	16.9	13.3	26.5	13.3	27.2	22.4	5.1	13.0	10.7	50.6	167.8
P4 Indirect taxes nec (net)	18.2	-10.9	13.0	11.0	18.4	19.8	70.7	15.3	28.3	7.8	12.5	29.1	17.0	116.9	58.3
P5 Sales by final buyers	—	—	—	—	—	0.5	—	4.5	—	—	—	—	0.4	156.2	637.4
P6A Complementary imports c/f	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
P7A Duty on P6A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T2 Australian Production	1,324.5	3,630.7	1,010.7	649.9	1,237.3	1,285.2	4,838.4	1,048.1	1,320.0	819.7	1,504.4	1,996.3	919.9	8,516.8	10,401.9
P6B Competing imports c/f	90.7	1,421.1	169.2	267.4	748.9	938.8	1,697.5	300.6	510.7	14.7	—	9.6	202.6	1,251.2	469.2
P7B Duty on P6B	9.3	7.3	13.5	31.5	19.5	67.4	128.5	12.9	35.9	—	—	0.6	11.6	47.6	9.6
T3 Total Usage	1,424.5	5,059.1	1,193.4	948.7	2,005.8	2,291.4	6,664.4	1,361.6	1,866.7	834.4	1,504.4	2,006.4	1,134.1	9,815.6	10,880.7

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES
(\$ million)

USAGE	2703	2704	2705	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2901
SUPPLY															
0101 Sheep															
0102 Grains															
0103 Beef cattle															
0104 Dairy cattle															
0105 Pigs															
0106 Poultry			0.1												
0107 Other agriculture			2.9												
0200 Services to agric., hunting			5.5					0.5							
0300 Forestry and logging			0.5					0.2							
0400 Commercial fishing			0.4					0.1							
1100 Coal, oil and gas	1.4	1.5	13.4	7.9	3.1	0.4	0.8	0.7	0.7	0.7	1.3	0.5	0.9	1.6	0.1
1301 Iron ores	31.5		36.1												3.5
1302 Non-ferrous metal ores			1.7												
1400 Other mining	6.9	0.6	6.7	1.0	0.5	0.1		11.9	0.5	0.1	2.3		1.4	3.9	0.5
1500 Services to mining															
2101 Meat and meat products	0.3	0.8	1.2	1.1	0.2		1.1			0.1					
2102 Dairy products	0.8	2.0	0.5	4.0	1.2		2.0	0.1	0.1	0.2	0.3		0.2	0.3	0.1
2103 Fruit and vegetable products		0.1					0.3								
2104 Oils and fats															
2105 Flour and cereal foods			0.4	0.1			0.1								
2106 Bakery products	0.2		0.2	2.1	0.2		0.7	0.1			0.1		0.1	0.1	
2107 Confectionery															
2108 Other food products	0.3	0.1	0.6	3.0	0.1		0.1	0.2	0.1	0.1	0.2		0.1	0.2	
2109 Soft drinks, cordials, syrups	0.2	0.4	0.1	5.9	0.2		0.4				0.1			0.1	
2110 Beer and malt			0.1	0.4	0.1		0.9								
2111 Wine and spirits	0.1	0.3	0.1	0.3	0.4	0.1	0.8				0.1		0.1	0.1	
2112 Tobacco products															
2201 Wool scouring	9.7	8.9	18.0	20.1	9.6	0.3	6.2	1.2	1.7	2.8	6.6		0.4	1.2	0.9
2202 Textile fibres, yarns etc	4.8	8.0	11.6	11.5	11.1	0.1	0.2	3.9	1.1	1.3	5.9		0.1	0.3	0.9
2203 Textile products		2.7	0.1	0.2	0.1		0.2				0.1				
2204 Knitting mill products	17.4	12.4	7.2	0.7	3.1		0.6			10.8	0.1			0.1	1.4
2205 Clothing			0.1	0.1	0.3	0.1	0.2				0.1				
2206 Footwear			0.1	4.2	1.6			2.4							
2207 Leather and leather products			0.1	4.9	2.3			0.4	3.0		2.3			0.6	25.9
2301 Sawmill products	18.7	2.4	4.9	2.3	7.0			0.4	0.8		3.3			0.1	9.6
2302 Plywood, veneer and fab. wood	8.9	10.7	2.4	33.7	17.3			0.1	0.7	2.3	4.7			1.6	3.3
2303 Other wood products	0.8	16.8	16.1	5.1	72.0			0.7	2.3	2.0	4.7			2.4	2.3
2304 Pulp, paper and paperboard	3.1	1.8	3.5	9.1	1.2		2.0	0.9	4.9	0.3	11.1			0.1	0.4
2305 Paper bags and containers	3.4	11.1	17.0	9.5	3.6		0.7	10.6	10.1	21.5	5.2			1.9	0.3
2306 Other paper products	0.3	0.7	0.8	2.5	0.3		3.3	0.3	0.8	0.2	0.6			0.3	0.1
2401 Printing, services to printing	17.7	14.7	25.5	75.9	2.3	1.3	5.3	5.6	15.6	18.3	17.0			4.7	1.6
2402 Publishing, recorded media etc	40.6	8.5	8.2	144.4	7.9		15.7	11.4	30.7	23.9	29.5			5.9	3.8
2501 Petroleum and coal products	8.3	12.2	23.7	17.3	9.9	0.7	5.8	1.2	3.2	1.3	12.6			1.4	0.8
2502 Fertilisers			2.1	0.1											
2503 Other basic chemicals	13.5	35.3	103.4	208.0	24.0	1.2	10.5	23.3	29.2	16.4	175.6			8.5	1.3
2504 Paints	1.9	22.5	32.0	143.3	89.6	0.5	32.0	1.1	2.1	27.4	12.4			3.0	1.4
2505 Pharmaceuticals etc	0.2		0.6	0.9	0.1		0.1	14.1	1.0	0.1	0.1				
2506 Soap and other detergents	0.1	0.2	0.6	0.3	0.1	0.7	0.3	0.3	1.8		17.6				
2507 Cosmetics and toiletries			0.1												
2508 Other chemical products	0.8	3.0	28.6	2.8	0.2	0.3	0.2	3.7	1.5	0.7	4.0			1.7	0.3
2509 Rubber products	0.2	8.8	6.3	211.8	5.2	0.5	0.4	0.9	4.1	12.1	3.4			4.4	0.1
2510 Plastic products	27.7	48.4	32.5	124.9	5.8	0.5	4.7	62.7	152.4	66.6	76.4			59.4	3.0
2601 Glass and glass products	68.2	4.3	4.4	78.5	11.1	0.1		0.6	0.5	11.2	3.2			0.8	5.9
2602 Ceramic products	7.6		15.4			0.1		1.0	2.8	1.8	22.0			0.1	0.7
2603 Cement and lime	1.3		0.4					0.1							0.1
2604 Concrete slurry															
2605 Plaster, other concrete prod.	9.9														
2606 Non-metallic min. products nec	2.8	7.1	4.8	56.7	6.5	1.0	7.0	2.5	5.2	21.8	3.0			1.5	0.3
2701 Iron and steel	537.5	645.7	1,154.4	1,447.7	144.7	21.6	5.9	16.2	49.1	199.9	166.4			377.1	32.4
2702 Basic non-ferrous metals etc	211.8	354.6	259.4	272.9	43.6	1.0	4.2	16.9	48.0	28.1	334.3			40.4	17.6
2703 Structural metal products	728.8	22.5	236.3	8.2	12.7	207.3		3.0	9.7		66.2			10.4	62.9
2704 Sheet metal products	2.7	80.8	8.9	38.9	0.2	0.4	74.1	1.2	6.4	8.3	42.6			0.6	1.0
2705 Fabricated metal products	432.6	203.9	388.5	298.5	217.6	4.7	210.0	10.2	13.1	30.4	54.6			7.0	36.8

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

	2703	2704	2705	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2901
USAGE															
SUPPLY															
2801 Motor vehicles and parts etc	0.1	1.2	0.1	2,511.7	0.2			0.2	1.8	13.4	4.5	7.6	5.2	1.5	
2802 Ships and boats	—	—	0.3	1.0	10.5	—	0.7	—	0.1	—	0.2	—	0.1	0.1	—
2803 Railway equipment	—	—	—	5.6	—	43.9	—	—	—	—	—	—	—	—	—
2804 Aircraft	—	—	—	—	—	—	121.2	—	—	—	—	—	—	—	—
2805 Scientific etc equipment	0.5	1.8	1.4	5.0	124.1	0.1	5.2	67.2	131.6	5.9	44.8	0.4	3.7	10.4	—
2806 Electronic equipment	3.4	2.4	1.9	15.5	14.9	0.2	5.0	136.7	933.5	25.1	109.3	1.7	11.0	30.6	0.3
2807 Household appliances	0.3	0.3	14.6	38.7	26.2	0.2	—	0.5	3.6	191.1	1.4	10.1	6.7	20.1	—
2808 Other electrical equipment	12.8	9.7	11.7	44.6	48.6	4.6	3.5	20.7	154.9	245.4	405.1	19.4	63.6	115.9	1.2
2809 Agricultural machinery	—	—	10.4	—	—	—	—	—	—	12.6	—	6.6	5.6	0.9	—
2810 Mining etc equipment	4.3	0.7	1.6	0.6	69.5	—	—	0.9	4.3	—	0.1	2.6	80.5	74.5	0.3
2811 Other machinery and equipment	10.5	15.3	14.7	24.2	127.0	29.5	1.4	4.6	27.3	13.4	82.2	23.6	52.2	110.8	1.0
2901 Prefabricated buildings	31.1	5.3	9.1	6.0	0.2	0.1	0.1	—	0.1	—	0.6	—	0.4	—	2.6
2902 Furniture	0.7	18.4	—	52.8	1.2	—	1.5	0.1	1.3	—	0.1	—	—	—	0.1
2903 Other manufacturing	0.9	7.0	4.4	46.4	0.6	0.2	27.6	2.9	3.4	1.3	19.3	0.1	13.5	24.7	0.1
3601 Electricity	7.9	11.8	32.4	51.3	3.7	1.9	15.1	5.9	12.4	8.4	21.7	3.4	6.4	10.7	0.9
3602 Gas	1.1	4.2	15.0	18.6	0.4	0.1	2.3	1.0	1.6	4.5	5.1	0.7	0.8	1.3	0.1
3701 Water, sewerage and drainage	—	—	3.3	1.0	2.8	0.1	40.6	0.3	1.0	—	0.3	—	0.4	1.0	—
4101 Residential building	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4102 Other construction	0.1	0.5	0.2	0.7	—	—	—	—	0.2	—	0.1	—	0.1	0.2	—
4501 Wholesale trade	130.5	73.0	115.7	357.6	104.9	23.1	60.8	92.3	433.4	100.0	197.6	34.4	107.9	132.3	18.3
5101 Retail trade	4.7	22.0	33.0	15.5	11.6	0.1	0.7	35.1	7.8	3.7	20.0	1.0	7.5	17.0	0.9
5401 Mechanical repairs	5.4	8.7	5.3	8.9	1.8	—	0.1	0.3	0.9	0.4	2.3	0.1	2.6	4.4	0.5
5402 Other repairs	1.4	4.7	2.9	8.9	1.2	0.1	0.2	0.5	1.0	0.3	1.6	0.1	7.0	6.5	0.1
5701 Accommodation, cafes & restaurants	10.2	22.8	17.6	67.1	10.2	0.5	24.2	7.4	6.8	6.0	16.6	0.7	5.4	13.5	1.0
6101 Road transport	50.9	35.6	46.3	77.7	15.5	4.6	8.1	7.8	27.5	18.6	37.8	4.6	18.7	28.0	9.5
6201 Rail, pipeline, other transp.	9.3	8.9	12.1	14.1	1.8	0.3	0.2	0.5	2.1	2.2	7.3	0.9	3.4	4.9	0.8
6301 Water transport	4.3	1.2	5.7	2.1	0.5	0.3	0.2	0.4	0.4	0.5	1.0	0.2	0.6	0.9	0.4
6401 Air and space transport	8.5	7.2	4.6	52.4	10.5	0.3	18.5	3.1	10.8	5.5	10.0	0.9	5.7	10.8	0.8
6601 Services to transport, storage	7.0	16.1	13.6	66.2	8.7	1.0	3.5	2.0	6.0	3.0	9.1	0.7	3.3	6.3	0.8
7101 Communication services	33.5	28.0	53.3	107.5	4.8	2.3	10.4	9.9	24.8	17.4	36.9	4.5	12.7	19.9	3.0
7301 Banking	41.2	35.1	47.3	127.8	22.8	4.7	11.2	12.2	29.7	19.1	31.9	6.3	15.6	30.9	7.5
7302 Non-bank finance	34.9	16.4	18.8	63.3	7.1	4.4	8.6	4.2	12.8	4.6	9.4	1.5	6.0	13.9	2.3
7303 Financial asset investors	-0.2	-0.2	-0.2	-0.6	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	—	-0.1	-0.2	—
7401 Insurance	8.3	10.1	13.5	39.2	3.0	3.2	12.3	2.0	6.3	1.8	8.0	2.8	4.5	9.6	0.9
7501 Services to finance etc	2.9	6.4	4.3	22.7	3.9	0.1	5.7	0.4	1.3	0.7	2.7	0.2	1.2	2.6	0.3
7701 Ownership of dwellings	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7702 Other property services	3.4	7.6	55.8	665.2	8.6	0.1	3.7	1.7	2.2	0.4	1.9	0.2	1.9	4.2	0.3
7801 Scientific research etc	43.7	41.0	85.6	167.1	5.6	1.4	12.9	14.5	46.8	24.4	45.6	8.1	17.2	23.4	4.1
7802 Legal, accounting etc services	23.7	21.1	50.5	100.0	2.5	1.4	6.7	8.3	22.9	17.1	21.5	3.8	7.9	11.7	2.2
7803 Other business services	20.2	16.1	42.1	75.4	3.5	—	24.1	8.5	17.3	10.7	16.8	2.8	9.6	19.1	1.8
8101 Government administration	7.9	20.6	13.1	74.0	12.2	0.7	1.5	0.6	3.2	1.6	8.1	0.4	3.6	7.7	0.8
8201 Defence	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8401 Education	0.4	0.1	0.4	—	0.5	—	0.8	—	0.1	—	—	—	—	—	—
8601 Health services	0.3	0.1	0.4	25.7	0.2	—	1.2	0.1	0.3	0.3	2.4	—	0.1	0.2	0.4
9101 Motion picture, radio etc	1.4	3.7	6.0	37.6	1.2	—	—	0.6	3.7	6.2	0.7	0.5	0.6	1.5	0.2
9201 Libraries, museums, arts	0.2	0.2	0.3	0.9	0.1	—	0.1	0.1	0.3	0.1	0.2	—	0.1	0.3	—
9301 Sport, gambling etc	—	—	0.4	0.5	—	—	—	—	—	—	—	—	—	—	—
9501 Personal services	1.4	2.9	4.0	15.6	0.5	—	1.3	1.5	4.2	2.3	2.6	0.5	0.7	0.5	0.1
9601 Other services	25.9	21.6	19.2	87.3	4.4	1.0	7.9	7.5	18.6	13.6	20.1	3.6	8.2	11.4	2.3
T1 Intermediate Usage	2,758.3	2,064.1	2,683.9	8,089.6	1,390.9	373.2	848.2	667.5	2,372.1	1,250.2	2,291.7	368.7	1,091.6	1,752.9	294.3
P1 Wages, salaries, supps	848.7	630.2	1,101.6	1,710.8	338.3	150.8	652.6	367.8	688.7	391.3	798.0	147.2	472.6	914.4	69.2
P2 Gross operating surplus	500.7	406.6	490.9	464.2	121.1	47.8	100.2	193.3	571.2	311.3	457.7	49.5	105.8	338.0	15.6
P3 Commodity taxes (net)	17.4	24.4	30.6	94.4	20.9	2.9	18.4	21.2	49.4	58.2	40.8	8.5	19.9	38.4	1.6
P4 Indirect taxes nec (net)	43.8	30.1	59.2	76.2	19.2	4.9	21.4	17.0	36.6	22.3	51.8	7.9	27.3	44.5	2.8
P5 Sales by final buyers	—	18.7	8.2	—	—	5.6	—	—	—	—	0.4	0.5	5.0	4.2	—
P6A Complementary imports cif	10.0	7.6	10.5	25.2	4.5	1.4	3.5	3.0	8.9	4.7	8.7	1.4	4.1	8.0	0.9
P7A Duty on P6A	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
T2 Australian Production	4,178.9	3,190.7	4,378.6	10,468.6	1,894.9	586.6	1,443.8	1,269.8	3,726.9	1,958.0	3,649.1	583.6	1,726.4	3,100.4	384.6
P6B Competing imports cif	31.4	159.1	1,589.3	7,114.1	322.8	40.1	1,602.9	2,727.3	7,998.9	1,064.8	1,728.5	547.0	1,630.0	3,616.5	1.5
P7B Duty on P6B	1.6	13.2	96.8	748.3	1.2	3.8	5.8	46.9	147.1	57.1	102.5	14.9	56.6	121.4	0.2
T3 Total Usage	4,211.8	3,363.0	6,064.7	18,331.0	2,218.9	630.4	3,052.6	4,943.9	11,672.9	3,079.8	5,480.1	1,145.5	3,413.0	6,838.3	386.2

(\$ million)

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

SUPPLY	(\$ million)														
	2902	2903	3601	3602	3701	4101	4102	4501	5101	5401	5402	5701	6101	6201	6301
0101 Sheep															
0102 Goats		0.2													
0103 Beef cattle															
0104 Dairy cattle															
0105 Pigs															
0106 Poultry					0.8	2.9	2.6	2.3	4.4	0.8	1.0	21.4	0.4	0.9	0.1
0200 Other agriculture	35.0	6.8										409.9			
0300 Services to agric., hunting	0.9	0.7	0.5		0.1	0.1	16.5	0.1	0.2			0.2	1.7	14.9	
0400 Forestry and logging	0.6	5.4			0.1	0.1	1.2	2.1	6.6		0.1	490.2	4.4	3.8	0.5
1100 Commercial fishing			1,098.2	1,005.3	0.2	2.1	1.2	2.1				4.6			
1301 Coal, oil and gas															
1301 Iron ores															
1302 Non-ferrous metal ores					13.0	63.1	1.2						5.2		2.8
1400 Other mining	0.1	155.8					271.9	0.1				9.1			
1500 Services to mining															
2101 Meat and meat products	7.5	0.2			0.2	2.5	5.3	4.0	13.6	0.7	0.6	786.1	0.6	0.9	0.1
2102 Dairy products	0.7	0.4	0.7	0.1	3.0	11.9	7.5	11.0	18.6	2.7	1.9	244.5	2.0	4.0	0.7
2103 Fruit and vegetable products					0.2	0.2	0.1	0.3	0.7	0.1	0.2	128.5		0.1	
2104 Oils and fats	0.6					0.1	0.1	1.5	1.4			46.7			
2105 Flour and cereal foods					0.1	0.2	0.2	0.1	0.3	0.1	0.1	208.8	0.5	0.1	0.1
2106 Bakery products	0.1	0.1	0.2		1.2	0.1	0.1	3.9	5.5	1.0	0.7	159.0	0.1	0.1	0.1
2107 Confectionery					0.1	0.4	0.3	0.6	2.7	0.1	0.2	0.3	0.1	0.1	0.1
2108 Other food products	0.1	2.1	0.2		0.1	0.9	0.8	2.0	3.6	0.2	0.2	79.6	0.8	0.2	0.7
2109 Soft drinks, cordials, syrups	0.1	0.2	0.1		0.6	1.1	0.4	1.6	7.2	0.6	0.6	1.3	0.3	0.6	0.1
2110 Beer and malt						0.4	0.1	1.2	0.3	0.2	0.4	0.3	0.1	0.2	
2111 Wine and spirits	0.1	0.1			0.5	0.4	0.1	3.3	0.9	0.2	0.6	0.3		0.2	
2112 Tobacco products															
2201 Wool scouring								6.0							
2202 Textile fibres, yarns etc	120.6	13.3	0.1			0.2	0.1	0.7	0.3			84.0	0.1	0.4	
2203 Textile products	20.1	1.7	0.2	0.6	0.3	23.9	62.4	38.9	26.3	3.4	2.6	112.4	17.7	19.3	14.8
2204 Knitting mill products	0.4	0.4			0.3	0.2	0.2	0.6	1.5	0.2	0.2	0.7	0.1	0.1	
2205 Clothing	9.7	0.7	0.5	0.1	0.6	1.1	1.3	3.5	5.8	0.6	0.4	5.5	2.2	1.0	0.1
2206 Footwear			0.5		0.2	3.9	3.6	13.9	1.3	0.2	24.1	0.5	0.7	0.3	
2207 Leather and leather products	19.4	25.5				7.1		7.1	13.0				1.4		
2301 Sawmill products	285.3	9.2	0.2		0.5	78.1	127.2	1.7	17.5					0.2	0.4
2302 Plywood, veneer and fab. wood	263.4	4.1				53.5	24.6					4.6			
2303 Other wood products	38.4	6.4			9.3	1,002.4	176.6	85.9	114.0			1.5	6.3	4.0	5.1
2304 Pulp, paper and paperboard	1.1	1.4	4.3		0.4	1.0		2.9	16.4	0.1	0.1	2.8	3.3	1.6	1.8
2305 Paper bags and containers	8.1	8.2			0.4			145.6	169.6		7.5	8.7	9.3	12.9	6.7
2306 Other paper products	0.4	2.8			3.7	3.2	6.4	29.9	27.2	3.3	2.3	57.4	1.4	5.5	0.4
2401 Printing, services to printing	11.2	8.7	3.3	0.3	4.2	10.6	14.1	446.0	1,031.6	4.6	5.7	99.0	28.2	2.9	2.5
2402 Publishing, recorded media etc	30.0	18.8	1.0	1.3	5.7	11.8	12.6	214.0	644.3	5.2	5.0	106.7	6.0	44.7	6.8
2501 Petroleum and coal products	7.0	5.2	108.4	7.2	138.1	13.1	171.2	233.7	196.8	27.9	78.2	21.8	822.7	106.0	128.7
2502 Fertilisers						0.1	1.1	1.7	0.4			0.7			
2503 Other basic chemicals	29.2	27.0	35.5	10.9	150.8	33.8	44.5	2.5	2.5	4.6	2.4	3.4	3.1	15.9	0.4
2504 Paints	24.7	27.4			25.7	227.3	93.3	11.1	2.3	14.6	13.5	16.9	0.3	1.2	10.9
2505 Pharmaceuticals etc	0.8		0.1	0.5	0.8	0.1	1.6	1.6	0.1		0.1		0.3	0.3	
2506 Soap and other detergents	1.8		1.4	0.1	0.3	0.9	0.7	4.0	2.3	1.0	1.5	85.7	8.4	0.7	0.1
2507 Cosmetics and toiletries					3.2	1.4	3.2	1.3	1.3			0.3			
2508 Other chemical products	13.9	3.7			29.6	29.6	47.0	76.6	2.8	0.3	1.7	1.8	0.2	0.3	0.3
2509 Rubber products	13.9	10.3	18.0	2.0	2.4	3.9	21.7	49.1	23.4	0.7	21.6	33.1	146.8	1.7	0.6
2510 Plastic products	137.5	80.1			29.6	104.6	74.8	221.8	53.6	2.7	3.3	149.0	56.7	13.7	8.2
2601 Glass and glass products	15.0	7.3	0.1	0.2	1.2	2.2	85.0	76.6	17.4	30.7	1.5	43.0	6.5	2.4	
2602 Ceramic products			2.4		3.3	974.9	156.3	0.6	1.0			29.1		0.5	
2603 Cement and lime			12.0	5.2	33.7	26.0	5.8	0.1							
2604 Concrete slurry						584.0	894.7								
2605 Plaster, other concrete prod.			42.9			937.7	533.3	4.4							
2606 Non-metallic min. products nec	3.2	16.4	0.1	0.1	16.3	172.5	153.1	42.8	2.8				0.2	7.4	0.2
2701 Iron and steel	249.6	123.3	11.5	1.8	10.7	418.1	458.7	37.2	0.1	1.0	1.0	0.1	0.2	0.2	0.1
2702 Basic non-ferrous metals etc	64.7	51.4	0.1		0.5	43.2	76.6	2.0	0.8	0.1	0.2	1.8	0.1	0.2	0.1
2703 Structural metal products	4.0	27.6	9.7		17.9	795.6	857.9	5.9						157.9	
2704 Sheet metal products	13.2	16.4	0.4	1.7	2.8	93.9	80.2	6.2	69.7	0.1	0.1	22.1		8.7	0.8
2705 Fabricated metal products	101.9	44.4	5.3	4.4	123.2	502.5	582.9	104.7	88.3	10.9	24.6	50.3	23.0	17.9	33.9

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 continued
 INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, I13 INDUSTRIES

(\$ million)

USAGE	2902	2903	3601	3602	3701	4101	4102	4501	5101	5401	5402	5701	6101	6201	6301
SUPPLY															
2801 Motor vehicles and parts etc	0.2	81.4	--	--	0.2	3.3	14.1	218.1	388.2	1,874.7	0.3	3.7	439.6	0.1	5.8
2802 Ships and boats	0.1	0.2	0.1	--	0.6	--	5.6	11.9	--	--	--	0.5	0.5	148.3	193.2
2803 Railway equipment	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2804 Aircraft	--	--	--	--	--	--	--	0.2	--	--	--	1.1	--	--	--
2805 Scientific etc equipment	0.6	11.6	0.7	0.4	12.9	6.3	22.1	0.2	17.4	0.9	69.8	1.6	0.1	0.7	0.5
2806 Electronic equipment	1.6	4.4	1.7	0.4	16.9	25.7	948.7	3.1	4.9	0.9	120.0	2.5	--	0.2	2.0
2807 Household appliances	0.9	1.2	--	--	325.8	170.9	2.7	2.7	3.1	--	--	5.3	0.1	0.1	0.1
2808 Other electrical equipment	2.2	20.2	165.9	0.2	6.3	253.5	961.7	17.5	67.0	19.4	93.4	10.6	12.4	1.5	2.3
2809 Agricultural machinery	--	--	--	--	--	7.9	3.2	2.6	--	--	--	--	--	1.7	0.2
2810 Mining etc equipment	0.1	0.1	1.3	0.1	0.7	42.9	210.0	4.6	3.2	2.2	56.9	1.5	0.2	14.3	0.1
2811 Other machinery and equipment	3.1	6.4	5.2	0.2	25.5	43.9	357.7	9.4	9.4	14.2	218.7	54.9	10.1	0.7	0.2
2901 Prefabricated buildings	0.9	0.5	--	--	2.2	6.9	3.9	0.4	0.6	--	--	2.1	--	--	--
2902 Furniture	17.0	2.7	--	--	--	0.1	--	3.8	9.4	--	--	6.9	20.5	--	--
2903 Other manufacturing	4.0	42.2	1.0	1.0	2.9	8.0	33.1	58.4	164.8	2.1	1.5	25.4	19.1	8.0	1.3
3601 Electricity	12.6	8.0	5,653.8	4.3	209.2	16.0	54.8	110.7	202.4	75.9	81.3	296.6	54.2	67.0	3.6
3602 Gas	1.2	1.2	301.3	5.7	16.2	8.8	8.8	52.6	5.0	2.5	3.1	77.8	2.0	0.5	2.0
3701 Water, sewerage and drainage	1.0	0.1	98.7	14.4	--	12.1	3.5	36.5	39.7	10.5	6.4	93.1	0.4	--	14.2
4101 Residential building	--	--	--	--	--	2.2	--	--	--	--	--	--	--	--	--
4102 Other construction	0.1	0.1	51.9	--	4.4	--	--	9.1	3.4	--	--	309.4	27.7	71.8	11.3
4501 Wholesale trade	202.5	102.2	59.3	14.8	90.5	729.2	747.2	420.1	249.9	753.0	229.6	357.4	416.2	326.3	36.4
5101 Retail trade	26.9	17.3	0.3	0.1	1.6	59.9	40.2	23.1	141.3	0.6	0.3	6.2	20.4	0.1	0.1
5401 Mechanical repairs	3.1	1.2	41.1	6.3	9.1	94.9	85.1	170.6	306.8	14.2	14.2	11.6	659.4	72.9	7.0
5402 Other repairs	1.3	0.7	14.1	7.0	4.3	17.8	33.0	201.9	1,041.3	10.7	--	10.7	37.5	14.0	13.2
5701 Accommodation, cafes & restaurants	11.7	8.7	6.5	6.1	19.4	34.1	62.4	301.3	164.9	1.7	5.5	6.4	161.2	1.1	20.0
6101 Road transport	69.5	17.6	38.0	3.2	27.2	535.4	523.7	77.3	114.7	18.3	34.0	211.4	71.2	13.9	10.1
6201 Rail, pipeline, other transp.	4.1	1.7	207.2	203.7	1.9	10.8	10.7	6.5	5.0	1.1	2.3	22.6	5.5	1.2	0.6
6301 Water transport	0.8	0.4	5.5	1.6	0.9	4.8	7.9	155.3	1.6	1.1	1.1	5.4	4.1	6.5	706.2
6401 Air and space transport	7.8	6.6	13.5	11.4	24.9	11.5	29.6	447.9	245.5	4.2	10.6	17.0	61.7	2.3	12.6
6601 Services in transport; storage	9.2	11.2	6.2	0.4	5.2	37.2	179.1	946.6	127.5	12.6	9.6	83.4	142.4	11.7	3,558.8
7101 Communication services	19.0	15.7	10.5	17.8	34.1	29.6	30.5	524.3	874.3	55.0	41.1	166.1	263.9	8.9	24.6
7301 Banking	37.6	14.3	143.6	24.0	115.3	256.9	417.4	471.6	900.4	62.4	26.3	132.1	151.3	40.0	22.2
7302 Non-bank finance	13.2	5.9	35.7	10.8	50.9	148.3	252.2	160.1	143.5	13.4	4.4	51.9	49.8	15.3	7.1
7303 Financial asset investors	-0.2	-0.1	-0.1	-0.1	-0.2	-1.0	-1.7	-1.9	-1.5	-0.3	-0.1	-0.6	-0.7	-0.2	-0.1
7401 Insurance	5.8	5.6	2.9	0.7	6.8	54.8	54.8	150.4	216.4	32.2	26.6	132.1	87.7	52.4	44.4
7501 Services to finance etc	2.5	1.7	3.8	0.5	9.4	36.6	30.5	46.3	47.7	8.6	5.6	19.1	6.0	8.6	1.3
7701 Ownership of dwellings	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
7702 Other property services	1.7	22.3	64.5	40.5	1.1	1,865.9	1,641.6	1,459.3	1,641.4	19.4	8.4	855.1	263.0	37.1	25.7
7801 Scientific research etc	35.2	19.5	44.4	16.6	25.1	62.0	110.6	780.1	556.3	10.0	8.2	212.5	343.4	24.6	134.1
7802 Legal, accounting etc services	18.0	11.3	45.9	87.7	67.1	69.8	110.4	1,600.1	3,622.3	69.1	40.0	580.1	395.2	10.6	183.7
7803 Other business services	11.9	9.2	14.5	12.2	20.6	40.3	45.2	150.2	404.8	9.0	7.7	352.1	20.2	17.7	1.8
8101 Government administration	7.3	5.2	6.7	0.7	30.9	118.4	91.0	83.6	174.5	27.8	19.1	9.4	38.0	28.3	3.5
8201 Defence	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8401 Education	--	0.1	10.5	6.8	1.4	0.3	0.5	6.5	6.9	1.3	0.9	10.4	1.7	--	1.1
8601 Health services	0.1	1.0	0.2	--	1.4	4.4	4.8	8.5	14.2	1.3	0.8	3.4	0.3	1.7	1.8
8701 Community services	--	--	--	--	--	0.1	0.1	1.4	1.5	--	--	0.6	0.1	--	--
9101 Motion picture, radio etc	3.8	2.0	0.1	0.5	2.5	3.1	0.8	151.3	268.3	1.3	0.5	48.3	12.4	1.3	2.9
9201 Libraries, museums, arts	0.1	0.1	0.4	--	--	0.2	0.8	7.5	22.5	--	--	182.5	1.8	0.5	0.1
9301 Sport, gambling etc	--	--	--	--	--	--	--	5.4	7.5	--	--	5.5	1.4	0.4	0.1
9501 Personal services	3.1	1.4	0.4	0.2	1.3	4.3	4.1	7.9	17.5	1.2	0.8	25.5	2.2	1.2	1.1
9601 Other services	14.8	12.1	3.7	3.1	5.8	11.4	12.9	27.1	72.4	5.1	4.0	20.4	24.1	5.3	0.8
T1 Intermediate Usage	2,098.3	1,191.3	8,418.6	1,573.8	1,448.2	12,102.7	12,405.9	10,747.9	14,504.4	3,229.3	1,365.5	8,036.3	4,999.1	1,479.7	2,080.3
P1 Wages, salaries, supps	896.1	276.7	2,063.4	345.3	1,433.2	2,341.3	8,854.5	12,099.3	12,382.4	3,181.1	1,025.0	5,513.0	2,695.1	2,578.0	2,277.0
P2 Gross operating surplus	196.4	142.3	6,681.0	610.0	2,285.5	6,678.3	5,077.0	9,413.4	6,330.4	3,394.8	1,188.9	2,411.6	5,569.2	807.2	589.3
P3 Commodity taxes (net)	19.3	29.0	166.8	11.6	108.0	181.3	260.6	454.7	337.8	32.9	82.9	75.4	629.7	69.1	76.9
P4 Indirect taxes net (net)	24.6	12.2	10.3	19.0	28.3	253.4	325.1	1,236.5	1,106.4	230.8	110.6	177.9	697.3	89.8	60.0
P5 Sales by final buyers	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	--
P6A Complementary imports of P6A	7.8	4.0	41.6	6.1	12.5	51.7	67.4	81.3	82.9	22.5	9.7	38.8	35.0	12.0	7.3
T2 Australian Production	3,242.4	1,655.5	17,401.8	2,565.9	5,249.1	21,609.9	26,950.4	34,033.2	34,953.7	9,396.2	3,782.6	16,253.1	14,625.2	5,035.8	3,040.8
P6B Competing imports of P6B	402.1	990.9	6.9	2.2	8.6	5.0	24.8	8.7	1.7	21.9	45.3	--	6.9	--	1,149.0
P7B Duty on P6B	33.6	53.1	--	--	--	--	--	0.4	--	--	--	--	--	--	--
T3 Total Usage	3,678.2	2,699.5	17,408.7	2,568.1	5,257.8	21,614.9	26,975.2	34,042.2	34,953.7	9,397.9	3,804.5	16,298.4	14,632.1	5,035.8	4,189.8

TABLE 2. ABSORPTION MATRIX—INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

SUPPLY	6401	6601	7101	7301	7302	7303	7401	7501	7701	7702	7801	7802	7803	8101	8201
0101 Sheep											1.8		0.9		
0102 Grains											0.1		0.1		
0103 Beef cattle															
0104 Dairy cattle															
0105 Pigs															
0106 Poultry															
0107 Other agriculture	34.6	0.1	0.4	7.7	4.2	0.9	2.6	1.8		2.5	4.2	2.4	1.9	38.2	0.9
0200 Services to agric., hunting											0.8		0.4	7.9	3.8
0300 Forestry and logging		0.5	1.0								0.2	0.1	0.1	0.1	9.7
0400 Commercial fishing		0.9	6.7	2.3	0.7	0.5	0.1	0.8			1.2	0.1	0.6		
1100 Coal, oil and gas						0.3		0.4		0.2	1.4		0.7	8.0	26.5
1301 Iron ores		1.0	0.4												
1302 Non-ferrous metal ores															
1400 Other mining									30.7	1.3	5.0	1.7	2.5	13.6	2.8
1500 Services to mining															
2101 Meat and meat products		0.1	1.9	11.7	0.2	1.4	2.0	2.4		5.3	8.8	8.6	4.1	4.9	38.6
2102 Dairy products	3.5	2.1	10.0	14.9	3.4	1.8	8.6	4.2		5.7	17.3	8.4	8.2		11.4
2103 Fruit and vegetable products							0.2	0.1		0.1	0.2	0.2	0.1		8.8
2104 Oils and fats									0.2	0.2	0.1	0.2	0.2		2.7
2105 Flour and cereal foods										0.1	1.3	0.2	0.6	1.2	9.1
2106 Bakery products	0.1	0.1	3.6	17.6	4.1	1.4	3.2	2.6		2.1	1.9	3.0	0.8	21.7	14.9
2107 Confectionery			0.3	0.4	0.1		0.3	0.1		0.2	2.0	0.3	1.0		9.7
2108 Other food products	4.1	2.3	0.6	2.0	0.5	0.1	0.3	0.3	1.5	0.9	3.0	0.7	1.5	2.0	17.4
2109 Soft drinks, cordials, syrups		0.1	2.1	0.2	0.1	1.8	1.8	0.4		1.1	1.3	1.7	0.5	1.0	4.6
2110 Beer and malt				4.4		0.5	0.1	0.8		0.2	0.3	0.3	0.1	1.3	2.5
2111 Wine and spirits			0.6	30.4	8.8	0.9	0.5	1.4		0.8	0.8	1.0	0.3	51.0	1.3
2112 Tobacco products															
2201 Wool scouring										0.4					
2202 Textile fibres, yarns etc				0.5	0.1	0.1	0.3	0.1		0.4	2.3	0.6		18.3	22.1
2203 Textile products	5.0	6.0	10.1	3.1	0.6	0.4	38.6	7.4	0.5	3.3	11.3	1.0	5.1	8.0	22.3
2204 Knitting mill products			1.3	1.4	0.1	0.5	0.5	0.2	0.1	1.1	4.4	1.7	2.1	21.0	18.5
2205 Clothing	2.6	7.0	3.2	1.0	0.1	0.1	1.4	0.4	0.2	2.2	19.9	3.0	9.7	20.3	40.3
2206 Footwear		0.9	1.6				0.4	0.1		1.2	8.8	0.6	0.4	0.3	14.3
2207 Leather and leather products		0.3	0.1							0.6	3.6		1.8	4.2	18.5
2301 Sawmill products			0.8						1.8	0.3	0.3	0.1	0.1	0.1	3.9
2302 Plywood, veneer and fab. wood									115.8	0.3					2.8
2303 Other wood products	4.0	2.3	29.7						143.1	6.3	0.8		0.4	79.0	2.1
2304 Pulp, paper and paperboard	9.2	1.3	0.4	47.6	12.7	5.4	0.1	8.1	0.1	0.5	1.7	0.1	0.8	228.1	7.1
2305 Paper bags and containers	43.5	4.6	0.6	0.6	0.1					10.4	2.6			41.4	1.8
2306 Other paper products		3.5	18.0	9.6	15.2	3.0	16.3	7.5	4.7	11.3	12.2	16.1	5.5	137.4	4.6
2401 Printing, services to printing	10.9	14.6	101.2	275.9	38.9	15.2	95.2	39.7	2.3	18.4	153.9	268.9	72.4	771.6	64.0
2402 Publishing, recorded media etc	1.0	1.2	10.9	69.0	24.4	4.4	88.1	22.3	9.6	196.9	183.3	313.5	86.5	336.6	31.7
2501 Petroleum and coal products	970.4	223.3	133.7	11.6	2.8	3.4	10.9	7.0	18.1	105.6	140.1	154.6	54.8	60.8	104.9
2502 Fertilisers		0.3			0.1					0.5	2.7		1.4	0.4	7.9
2503 Other basic chemicals		0.9	3.8	2.6	0.5	1.4	4.9	2.9	54.8	11.4	19.3	20.1	9.0	20.0	13.0
2504 Paints		0.6					11.9	2.1	89.8	10.2	13.3	16.8	4.2	2.6	5.6
2505 Pharmaceuticals etc		5.4	0.1	0.7	0.1	0.1	0.1	0.1		3.1	3.2	4.2	1.5		2.2
2506 Soap and other detergents		6.4	2.1	1.4	0.4	0.1	5.4	1.1		20.8	21.2	36.0	9.8	21.4	5.7
2507 Cosmetics and toiletries										0.1	0.2		0.1		
2508 Other chemical products		0.6	0.9	2.8	0.7	0.2	2.2	0.8	2.4	62.3	58.7	109.5	27.6	39.9	93.7
2509 Rubber products	0.4	29.4	24.1	0.4	0.2	0.1	1.2	0.4	0.1	3.9	15.9	1.1	4.3	8.1	199.9
2510 Plastic products	142.8	17.9	205.5	10.3	1.3	2.5	2.6	4.2	174.1	16.5	10.3	5.1	4.5	88.1	33.3
2601 Glass and glass products		1.3	0.8	5.7	1.4	0.1	1.3	0.3	122.3	5.8	2.5	2.0	1.0	7.6	5.5
2602 Ceramic products				0.5	0.1	0.1	1.1	0.3	76.6	0.5	0.6	0.7	0.3	1.0	2.1
2603 Cement and lime									74.9		4.6		2.3		
2604 Concrete slurry															
2605 Plaster, other concrete prod.									29.1	0.3				26.4	3.5
2606 Non-metallic min. products nec									87.7	2.6	1.3			0.6	4.1
2701 Iron and steel		0.1		0.1			0.1		195.5	2.2	1.7	0.4	0.2	23.8	15.8
2702 Basic non-ferrous metals etc			1.1						40.6	0.2	0.4	0.4	0.2	5.3	1.5
2703 Structural metal products							0.2		162.6	0.4	0.1	0.1			46.5
2704 Sheet metal products		1.9	115.7	0.3			0.4	0.1	100.0	1.2	0.5	0.6		10.4	16.5
2705 Fabricated metal products	10.2	24.3	5.4	6.5	1.7	0.3	4.6	1.2	130.5	15.0	20.9	12.0	6.2	156.1	77.3

TABLE 2. ABSORPTION MATRIX—INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

		(\$ million)														
SUPPLY	USAGE	6401	6601	7101	7301	7302	7303	7401	7501	7701	7702	7801	7802	7803	8101	8201
2801	Motor vehicles and parts etc		85.7	102.2	0.2	0.6	15.8	2.8			20.4	9.0	6.6	4.3	19.2	187.3
2802	Ships and boats			0.1	0.1						0.8	1.7	0.1	0.8	3.5	682.7
2803	Railway equipment															
2804	Aircraft	749.9	50.4				4.2	0.7			1.9	0.4	0.2	0.2	0.1	390.2
2805	Scientific etc equipment	0.1	0.9	90.4	3.6	0.7	5.1	1.5			30.4	61.2	51.0	18.3	46.7	130.1
2806	Electronic equipment	0.2	3.9	435.9	0.8	1.9	15.3	3.8			92.6	129.4	160.4	42.6	219.7	179.0
2807	Household appliances				0.2		0.1		37.9		0.3	0.2		0.1	0.9	5.7
2808	Other electrical equipment	3.1	4.4	201.5	12.1	3.0	16.5	4.8			5.3	36.0	5.8	2.4	45.7	50.1
2809	Agricultural machinery						0.1				7.0	7.3	12.0	3.5		0.9
2810	Mining etc equipment		9.2	1.1	0.1	0.2	0.3	0.9	0.1	0.1	1.2	19.8	1.0	0.5	13.1	10.0
2811	Other machinery and equipment		2.5	7.5	5.1	0.1	0.9	1.7	12.5	2.7	2.7	79.3	3.6	3.2	5.8	50.4
2901	Prefabricated buildings			5.7	0.1		0.1		6.2	0.1	0.1	0.3	0.1	0.2	2.6	2.9
2902	Furniture		4.0	1.4	0.6	0.1	0.1	0.1	0.1	0.3	0.3	1.0		0.5	2.0	24.8
2903	Other manufacturing	4.7	7.7	45.1	8.5	1.7	21.5	5.6	30.5	12.2	12.2	9.8	12.5	4.5	27.0	14.5
3601	Electricity	21.5	294.6	83.0	105.0	8.0	24.2	18.4	41.5	205.3	212.9	329.5	88.4	66.4	912.9	90.4
3602	Gas	2.1	5.7	28.6	1.3	0.2	2.9	0.7	6.5	15.8	14.4	22.9	6.4	6.4	31.7	3.1
3701	Water, sewerage and drainage		0.1		17.5	3.6	32.3	9.7	2,488.9	254.7	236.2	445.9	110.9	113.2	113.2	24.2
4101	Residential building								1,097.2		7.1	4.6	5.5	2.2	29.8	642.5
4102	Other construction	14.5	102.2	3.8	1.6	0.2	1.2	0.3	33.4	235.9	135.5	206.9	187.3	61.9	391.0	269.1
4501	Wholesale trade	229.2	102.4	373.3	96.0	69.7	17.7	38.9	33.4	49.4	3.2	0.8	0.4	0.3	14.5	3.6
5101	Retail trade		5.2	18.1	20.5	60.5	7.5	1.2	11.5		63.0	58.6	79.2	25.8	29.9	35.8
5401	Mechanical repairs	3.9	252.6	178.6	6.2	5.6	14.3	5.4		15.1	25.6	19.4		9.6	36.4	25.8
5402	Other repairs	20.5	131.7	104.0	249.0	7.2	4.2	6.3		0.2	62.8	90.5	68.7	43.2	212.6	30.0
5701	Accommodation, cafes & restaurants	296.4	138.3	52.8	148.5	34.4	14.5	18.4	25.0	0.2	49.8	80.3	66.7	33.4	211.0	141.4
6101	Road transport	77.1	172.7	215.6	19.9	5.3	1.7	7.8	4.0	65.9	3.6	3.1	2.4	1.1	5.4	11.6
6201	Rail, pipeline, other transp.	5.2	52.0	15.2	1.5	0.6	0.2	0.5	0.4	1.5	1.6	27.1	27.3	13.0	84.6	3.9
6301	Water transport	5.0	10.7	7.6	0.3	0.1	0.1	0.1	1.0		25.1	27.1	27.3	13.0	84.6	3.9
6401	Air and space transport	55.4	137.5	278.9	215.7	6.6	17.9	26.6	31.5	0.7	103.4	89.9	122.0	41.4	662.6	121.2
6601	Services to transport; storage	812.7	439.6	55.9	134.5	4.7	0.2	9.5	1.9	3.5	162.0	92.3	163.0	42.3	260.7	91.5
7101	Communication services	196.2	413.6	1,117.7	490.9	64.9	19.4	226.5	69.5	6.5	505.9	506.7	800.7	235.3	984.8	66.8
7301	Banking	74.8	81.8	124.1	65.0	819.9	77.7	172.2	46.2	4,328.6	206.3	146.9	309.7	69.8	518.9	171.1
7302	Non-bank finance	20.3	26.0	29.1	274.4	109.8	12.8	64.2	24.4	765.6	51.8	34.5	72.6	16.7	228.1	16.4
7303	Financial asset investors	-0.3	-0.3	-0.6	466.9	198.3	0.1	471.6	84.2	692.2	264.2	234.5	468.2	110.9	3.9	1.7
7401	Insurance	0.7	17.1	22.6	29.8	13.4	0.1	49.2	8.9	692.2	56.3	59.7	79.2	24.3	30.4	17.2
7501	Services to finance etc	1.0	1.7	30.3	1,883.5	419.3	28.4	1,334.6	278.4	1.6	18.9	18.3	26.6	7.9	1,160.3	—
7701	Owntership of dwellings			59.4	181.4	72.3	55.1	326.4	140.8	388.8	129.7	34.7	19.8	15.6	187.9	164.1
7702	Other property services	33.1	396.0	76.7	351.6	124.0	71.8	103.5	126.0	2.1	681.1	609.2	1,072.5	288.4	2,046.5	126.1
7801	Scientific research etc	86.8	679.5	53.7	332.8	174.5	17.3	584.6	130.2	182.1	1,058.9	849.0	1,625.3	394.3	802.0	83.0
7802	Legal, accounting etc services	292.3	330.5	180.7	180.7	49.0	2.9	98.2	21.9	17.0	361.6	340.1	611.8	160.4	310.0	20.7
7803	Other business services	27.4	87.5	15.1	180.7	18.0	1.1	86.2	17.1	12.7	70.1	72.7	111.1	31.6	4,153.9	103.3
8101	Government administration		24.1	101.4	15.1	18.0										
8201	Defence															
8401	Education	0.3	25.8	4.6	10.6	1.4	0.7	3.9	1.7	0.3	3.6	8.2	3.9	3.9	8.2	37.4
8601	Health services		0.4	6.8	7.0	5.2	1.0	2.8	1.9		3.2	6.7	3.9	3.1	2.7	40.6
8701	Community services				8.4	1.0	0.3	3.2	1.1		1.4	2.6	2.2	1.3	7.4	7.4
9101	Motion picture, radio etc	13.6	4.8	10.3	208.8	31.4	8.1	20.6	15.8	0.1	297.8	257.0	501.2	121.6	150.5	28.3
9201	Sports, museums, arts	1.4	4.1	0.1	1.5	1.0	0.1	0.5	0.2		7.4	9.0	10.6	4.3	29.4	0.5
9301	Sport, gambling etc	1.1	3.1	0.1	5.1	1.8	0.9	4.6	2.2		5.5	7.8	1.5	3.8	3.6	1.7
9501	Personal services	4.9	0.6	5.1	1.7	0.2	1.1	29.0	6.8	0.1	35.6	32.3	61.8	15.2	15.1	60.4
9601	Other services	0.4	30.2	8.1	31.1	13.4	13.1	15.7	22.4	5.1	53.9	79.7	89.2	37.8	79.3	7.7
T1	Intermediate Usage	4,207.8	4,501.7	4,679.0	6,342.0	2,457.7	439.1	4,167.9	1,292.3	12,203.1	5,807.6	5,576.1	8,635.2	2,446.1	16,405.3	5,265.9
P1	Wages, salaries, supps	1,681.0	2,165.9	4,601.0	4,902.0	1,170.0	545.5	3,962.0	1,100.0	4,618.1	4,502.1	6,619.6	1,962.6	10,853.4	3,429.2	—
P2	Gross operating surplus	1,985.2	2,813.8	5,562.0	4,896.3	778.5	1,290.8	1,134.4	3,299.6	31,037.2	3,103.7	3,080.0	4,471.8	1,337.9	1,493.0	—
P3	Commodity taxes (net)	822.5	158.4	225.0	104.4	33.0	12.1	81.7	33.8	400.3	166.2	185.1	233.9	75.5	—	10.1
P4	Indirect taxes nec (net)	168.0	675.5	418.0	572.0	107.3	69.7	496.9	688.6	2,524.1	381.0	352.9	395.8	161.9	-102.0	148.2
P5	Sales by final buyers															
P6A	Complementary imports of P7A, Duty on P6A	21.2	24.7	37.1	40.3	10.9	5.6	23.6	15.4		33.7	12.7	48.8	14.3	68.7	131.0
T2	Australian Production	8,886.8	10,340.2	15,522.1	16,857.0	4,557.4	2,362.9	9,866.6	6,429.7	46,164.8	14,114.1	13,729.0	20,404.1	5,998.4	28,718.5	8,964.0
P6B	Competing imports of P7B	2,609.0	800.3	895.9	32.2	60.4		456.0	60.4		157.1	666.3	751.0	212.0		
T3	Total Usage	11,495.7	11,140.5	16,418.0	16,889.2	4,617.8	2,362.9	10,322.6	6,490.1	46,164.8	14,271.3	14,395.4	21,155.1	6,210.3	28,718.5	8,964.0

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

USAGE SUPPLY	8401	8601	8701	9101	9201	9301	9501	9601
0101 Sheep	—	—	4.7	—	—	—	—	4.8
0102 Grains	—	—	0.4	—	—	—	—	0.4
0103 Reef cattle	—	—	—	—	—	—	—	—
0104 Dairy cattle	—	—	—	—	—	—	—	—
0105 Pigs	—	—	—	—	—	—	—	—
0106 Poultry	—	—	—	—	—	—	—	—
0107 Other agriculture	0.6	3.3	6.8	75.4	14.0	125.3	8.5	6.8
0200 Services to agric.; hunting	—	—	2.0	0.2	—	0.3	—	2.0
0300 Forestry and logging	0.1	0.1	0.4	0.1	—	0.2	0.1	0.4
0400 Commercial fishing	—	0.1	2.9	—	—	—	—	3.0
1100 Coal; oil and gas	1.2	9.4	3.5	0.5	0.2	0.8	1.6	3.6
1301 Iron ores	—	—	—	—	—	—	—	—
1302 Non-ferrous metal ores	—	—	—	—	—	—	—	—
1400 Other mining	—	—	10.8	23.1	4.3	36.0	1.0	10.9
1500 Services to mining	—	—	—	—	—	—	—	—
2101 Meat and meat products	2.4	10.7	10.9	1.3	0.5	2.1	0.4	11.1
2102 Dairy products	8.2	14.5	32.4	1.6	1.0	2.5	1.8	32.8
2103 Fruit and vegetable products	0.1	9.3	0.2	—	—	0.1	0.1	0.2
2104 Oils and fats	1.7	12.4	—	—	0.1	—	—	—
2105 Flour and cereal foods	0.3	10.9	3.1	—	—	0.1	0.3	3.1
2106 Bakery products	2.7	4.5	0.4	2.9	0.8	4.5	0.6	0.4
2107 Confectionery	1.6	2.7	4.9	0.1	0.1	2.4	2.4	4.9
2108 Other food products	0.5	1.7	6.8	16.7	3.1	26.1	1.9	6.9
2109 Soft drinks, cordials, syrups	1.5	2.6	0.6	0.3	0.2	0.5	0.4	0.6
2110 Beer and malt	0.1	0.1	0.1	0.1	—	0.1	0.1	0.1
2111 Wine and spirits	0.2	17.3	0.3	0.4	0.1	0.7	0.2	0.3
2112 Tobacco products	—	—	—	—	—	—	—	—
2201 Wool scouring	—	—	—	—	—	—	—	—
2202 Textile fibres, yarns etc	2.6	13.8	5.3	1.1	0.4	1.6	8.6	5.3
2203 Textile products	1.5	48.2	25.7	2.4	0.6	3.7	5.6	26.0
2204 Knitting mill products	1.5	97.1	8.9	7.1	1.4	11.1	0.2	9.0
2205 Clothing	3.3	21.6	47.2	2.2	0.8	3.4	0.5	47.8
2206 Footwear	1.1	9.4	1.4	0.3	0.2	0.5	0.1	1.4
2207 Leather and leather products	—	—	9.3	2.0	0.4	3.1	0.9	9.4
2301 Sawmill products	2.4	0.4	0.7	0.1	0.2	0.2	0.4	0.8
2302 Plywood, veneer and lab. wood	3.8	—	—	1.5	0.6	2.4	—	—
2303 Other wood products	65.6	0.3	3.0	5.8	6.5	9.0	80.1	2.2
2304 Pulp, paper and paperboard	0.1	0.1	4.2	—	—	—	1.7	4.3
2305 Paper bags and containers	0.3	5.1	0.2	1.9	0.4	3.0	19.8	0.1
2306 Other paper products	17.1	27.7	8.8	2.4	1.9	3.7	2.8	8.9
2401 Printing; services to printing	27.3	65.9	55.5	24.0	6.9	37.5	57.2	56.0
2402 Publishing; recorded media etc	260.9	21.9	65.6	96.0	39.7	150.1	183.4	64.8
2501 Petroleum and coal products	0.8	71.2	96.6	15.7	3.2	24.5	172.7	96.2
2502 Fertilisers	0.8	1.3	7.1	31.3	5.8	48.9	1.8	7.2
2503 Other basic chemicals	10.1	126.9	22.6	0.3	1.0	0.5	54.6	22.6
2504 Paints	—	1.4	1.5	10.3	1.9	16.1	4.5	1.4
2505 Pharmaceuticals etc	0.1	1,006.5	2.7	32.0	5.9	50.0	17.9	2.7
2506 Soap and other detergents	2.3	48.1	6.9	0.3	0.3	0.5	13.0	6.9
2507 Cosmetics and toiletries	0.3	92.3	1.8	4.1	0.8	6.4	119.1	0.6
2508 Other chemical products	1.1	1.2	8.8	0.4	0.2	0.6	18.6	9.8
2509 Rubber products	1.0	16.0	21.3	5.3	1.1	8.2	11.6	21.5
2510 Plastic products	6.2	67.9	18.5	4.3	1.3	6.7	66.8	18.6
2601 Glass and glass products	5.7	5.5	2.8	0.2	0.5	0.3	1.9	2.8
2602 Ceramic products	1.9	70.4	0.6	0.4	0.2	0.6	1.0	0.6
2603 Cement and lime	—	—	12.0	—	—	—	—	12.2
2604 Concrete slurry	—	—	—	—	—	—	—	—
2605 Plaster, other concrete prod.	—	—	—	—	—	—	—	—
2606 Non-metallic min. products nec	0.1	0.1	4.4	0.3	0.1	0.5	115.3	3.3
2701 Iron and steel	—	0.5	3.5	1.2	0.2	1.8	5.7	3.6
2702 Basic non-ferrous metals etc	0.3	0.6	0.8	—	—	—	15.9	0.7
2703 Structural metal products	28.2	—	—	3.4	3.0	5.4	0.1	—
2704 Sheet metal products	1.0	19.8	0.6	0.9	0.3	1.4	1.7	0.6
2705 Fabricated metal products	9.9	93.1	17.9	47.1	9.5	73.5	19.6	18.1

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

SUPPLY	USAGE (\$ million)									
	8401	8601	8701	9101	9201	9301	9501	9601		
2801 Motor vehicles and parts etc	1.0	1.8	1.46	7.8	1.5	12.1	12.4	14.8		
2802 Ships and boats	—	—	4.3	1.3	0.2	2.0	—	4.3		
2803 Railway equipment	—	—	—	—	—	—	—	—		
2804 Aircraft	—	0.2	0.8	1.3	0.2	2.1	—	0.8		
2805 Scientific etc equipment	151.4	490.3	32.5	63.1	4.3	98.7	85.0	32.7		
2806 Electronic equipment	2.9	43.2	24.0	137.8	5.7	215.4	38.5	24.3		
2807 Household appliances	—	6.8	0.6	8.3	1.5	13.0	0.2	0.6		
2808 Other electrical equipment	3.8	11.8	5.8	38.5	7.4	60.1	4.6	5.9		
2809 Agricultural machinery	1.7	—	3.3	2.3	0.6	3.6	—	3.3		
2810 Mining etc equipment	0.3	0.7	1.1	0.3	0.1	0.5	0.5	1.1		
2811 Other machinery and equipment	2.0	27.2	12.8	2.9	0.7	4.6	30.7	12.7		
2901 Prefabricated buildings	—	3.5	0.7	2.1	0.4	3.2	0.1	0.7		
2902 Furniture	20.8	4.8	2.5	0.6	1.8	0.9	0.3	2.5		
2903 Other manufacturing	46.0	24.5	8.2	9.3	5.6	14.6	12.8	8.2		
3601 Electricity	20.1	548.8	55.4	49.8	11.1	77.8	132.2	54.8		
3602 Gas	7.7	140.5	6.2	1.8	1.0	2.8	12.2	6.2		
1701 Water, sewerage and drainage	32.1	250.2	27.9	26.4	7.8	41.3	18.3	28.1		
4101 Residential building	—	—	—	—	—	—	—	—		
4102 Other construction	2.0	12.1	4.9	0.7	0.3	1.2	0.4	5.0		
4501 Wholesale trade	182.3	512.7	96.7	126.8	38.7	198.6	238.3	93.7		
5101 Retail trade	2.8	1.7	2.0	11.2	2.3	17.5	100.8	1.5		
5401 Mechanical repairs	7.5	73.7	36.8	70.4	13.7	110.0	16.3	37.2		
5402 Other repairs	8.4	16.5	50.5	—	0.8	—	43.8	50.9		
5701 Accommodation, cafes & restaurants	38.0	24.1	140.7	31.9	9.3	49.8	12.3	142.5		
6101 Road transport	44.2	169.6	93.3	72.9	17.3	115.0	78.5	93.2		
6201 Rail, pipeline, other transp.	2.8	4.5	3.0	2.1	0.6	3.4	1.8	2.8		
6301 Water transport	0.6	1.3	34.0	2.3	0.5	3.5	1.3	34.4		
6401 Air and space transport	59.7	45.2	65.7	60.7	16.3	94.9	33.9	66.3		
6601 Services to transport, storage	17.5	93.7	19.3	10.7	3.5	16.7	3.6	19.5		
7101 Communication services	96.0	290.1	238.7	109.5	28.9	171.2	59.8	241.5		
7301 Banking	211.8	789.1	57.1	47.4	30.9	85.9	46.8	71.6		
7302 Non-bank finance	25.7	68.1	9.9	12.3	7.2	22.1	18.1	19.1		
7303 Financial asset investors	2.9	2.3	0.3	-0.2	0.1	-0.3	-0.2	-0.4		
7401 Insurance	20.3	50.1	29.1	48.9	10.8	76.4	28.8	29.3		
7501 Services to finance etc	21.2	35.2	9.1	4.8	3.0	7.7	5.0	10.0		
7701 Ownership of dwellings	—	—	—	—	—	—	—	—		
7702 Other property services	4.1	305.8	57.6	232.1	43.2	362.8	103.1	57.7		
7801 Scientific research etc	54.9	298.2	179.9	53.6	15.3	83.8	42.5	182.1		
7802 Legal, accounting etc services	51.5	356.9	50.5	257.5	52.7	402.6	266.6	49.4		
7803 Other business services	37.6	767.1	80.8	43.6	11.6	68.1	30.1	81.7		
8101 Government administration	78.4	122.4	27.8	9.3	8.3	14.5	17.1	28.1		
8201 Defence	—	—	—	—	—	—	—	—		
8401 Education	3.3	5.5	15.3	1.6	0.6	2.5	0.7	15.5		
8601 Health services	8.4	128.5	11.6	25.2	5.4	39.3	6.9	11.6		
8701 Community services	0.7	1.2	4.0	0.3	0.1	0.4	13.8	3.9		
9101 Motion picture, radio etc	8.4	3.8	15.3	246.7	46.4	385.6	35.6	15.2		
9201 Libraries, museums, arts	33.3	0.3	9.6	53.4	12.6	83.5	0.7	9.7		
9301 Sport, gambling etc	6.1	1.7	18.1	329.5	61.2	515.1	0.7	18.3		
9501 Personal services	2.8	20.8	3.1	6.2	1.4	9.8	35.5	2.8		
9601 Other services	7.0	43.2	87.1	6.5	2.0	10.1	10.6	88.4		
T1 Intermediate Usage	1,908.3	7,744.3	2,209.7	2,658.7	655.0	4,179.3	2,618.9	2,240.0		
P1 Wages, salaries, supps	18,658.0	16,526.7	2,519.8	726.6	1,087.1	1,424.3	1,166.3	5,079.7		
P2 Gross operating surplus	1,652.1	3,637.4	239.5	632.2	368.6	1,251.1	910.8	324.4		
P3 Commodity taxes (net)	20.0	248.5	107.6	54.6	14.8	108.3	154.8	107.9		
P4 Indirect taxes nec (net)	338.9	383.5	56.9	56.2	2.9	595.1	54.4	136.8		
P5 Sales by final buyers	1.1	14.3	14.3	6.5	—	11.6	—	—		
P6A Complementary imports cif	53.3	67.8	12.2	9.9	5.1	18.2	11.3	18.9		
P7A Duty on P6A	—	—	—	—	—	—	—	—		
T2 Australian Production	22,631.8	28,688.1	5,160.0	4,144.7	2,133.5	7,587.9	4,936.6	7,907.7		
P6B Competing imports cif	209.0	7.4	0.4	3.3	93.1	12.2	20.8	—		
P7B Duty on P6B	—	—	—	—	—	0.1	0.3	—		
T3 Total Usage	22,840.7	28,615.5	5,160.4	4,148.0	2,226.6	7,608.2	4,957.7	7,907.7		

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1991-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, I13 INDUSTRIES

SUPPLY	USAGE						Final Consumption Expend				Gross Fixed Capital Expend				Increase in Stocks	Exports	Final Demand (Q1-Q7)	Total Supply		
	Intermediate		Private		Govt		Private		Enterprise		Govt		Q6	Q7					Q8	Q9
	T4	T5	O1	O2	O3	O4	O5	O6	O7	T9										
0101 Sheep	1,089.6		16.4														1,700.3	3,789.9		
0102 Grains	1,733.2		68.8														2,161.0	3,894.2		
0103 Beef cattle	3,523.1		51.6														3,637.4	3,637.4		
0104 Dairy cattle	2,307.7		0.4														2,314.3	2,314.3		
0105 Pigs	591.0		4.7														6.6	595.7		
0106 Poultry	688.2		322.6														310.5	998.7		
0107 Other agriculture	3,417.0		2,427.2														3,476.0	6,892.9		
0200 Services in agric., hunting	1,259.6		28.3														299.6	1,469.3		
0300 Forestry and logging	755.3		19.1			113.3											358.1	1,113.4		
0400 Commercial fishing	718.5		771.7			236.9					14.8						965.0	1,683.5		
1100 Coal, oil and gas	9,510.7		126.4			46.9											8,965.0	18,495.7		
1301 Iron ores	770.9																770.9	770.9		
1302 Non-ferrous metal ores	3,196.2																3,196.2	3,196.2		
1400 Other mining	1,757.4		2.4														1,762.2	1,762.2		
1500 Services to mining	1,459.5																1,459.5	1,459.5		
2101 Meat and meat products	2,065.7		4,493.8														3,983.7	10,140.6		
2102 Dairy products	1,566.7		2,933.9														1,132.0	5,429.3		
2103 Fruit and vegetable products	571.6		329.7														407.3	2,742.5		
2104 Oils and fats	1,179.3		405.6														1,004.0	2,456.8		
2105 Flour and cereal foods	3,150.0		1,037.7														343.3	4,332.4		
2106 Bakery products	2,525.0		2,525.0														2,436.6	4,961.6		
2107 Confectionery	253.8		1,073.3														1,094.1	1,357.9		
2108 Other food products	2,316.3		3,084.8														4,857.4	7,173.7		
2109 Soft drinks, cordials, syrups	60.1		2,090.6														2,062.0	2,122.1		
2110 Beer and malt	284.0		2,172.8														2,134.4	2,418.4		
2111 Wine and spirits	275.6		1,020.7														1,238.1	1,513.6		
2112 Tobacco products	4.5		833.7														796.5	801.0		
2201 Wool scouring	229.3																722.8	952.1		
2202 Textile fibres, yarns etc	2,988.8		360.5														582.6	3,571.4		
2203 Textile products	1,023.5		792.4														1,206.4	2,230.9		
2204 Knitting mill products	543.1		937.4					99.9		34.1	51.1						1,077.1	1,620.2		
2205 Clothing	407.8		3,639.8														44.9	4,284.7		
2206 Footwear	467.2		1,067.4														31.1	1,660.4		
2207 Leather and leather products	2,442.8		280.5														61.3	3,164.6		
2301 Plywood, veneer and lab. wood	989.4		1.0														309.9	1,299.3		
2302 Other wood products	2,115.1		58.1					80.6		10.8	24.9						68.9	2,311.0		
2303 Paper and paperboard	2,946.3		60.7														340.7	3,287.1		
2304 Paper bags and containers	1,705.7		7.6														147.3	1,853.0		
2305 Other paper products	5,082.9		132.4														352.4	5,667.7		
2401 Printing, services to printing	4,513.2		1,905.0			53.7											521.7	6,635.0		
2402 Publishing, recorded media etc	8,732.6		2,978.5														2,121.8	12,452.7		
2501 Petroleum and coal products	1,341.3		93.6														3,720.1	5,150.4		
2502 Fertilisers	6,757.5		13.0														169.1	7,512.4		
2503 Other basic chemicals	1,353.5		4.6														88.7	1,442.2		
2504 Pharmaceuticals etc	3,086.1		1,307.7														847.7	5,034.1		
2505 Soap and other detergents	432.0		727.2														62.1	1,279.7		
2506 Cosmetics and toiletries	258.5		594.4														26.1	907.3		
2507 Other chemical products	1,790.3		77.7														775.8	2,568.1		
2508 Rubber products	1,474.9		628.6														187.2	2,250.7		
2510 Plastic products	5,348.2		868.0														1,262.0	6,610.2		
2601 Glass and glass products	1,228.8		55.6														117.8	1,346.6		
2602 Ceramic products	1,669.3		132.9														186.5	1,855.8		
2603 Cement and lime	823.6																-10.6	812.9		
2604 Concrete slurry	1,502.2																3.8	1,498.4		
2605 Plaster, other concrete prod.	1,952.0																47.2	1,999.2		
2606 Non-metallic min. products nec	1,049.2		0.2														65.9	1,115.1		
2701 Iron and steel	8,308.8																1,201.7	9,510.5		
2702 Basic non-ferrous metals etc	4,113.8		53.6														6,895.1	10,965.4		
2703 Structural metal products	3,998.5																268.5	4,267.1		
2704 Sheet metal products	2,014.9		75.0														1,359.5	3,374.4		
2705 Fabricated metal products	5,184.9		207.4														1,017.1	6,202.0		

TABLE 2. ABSORPTION MATRIX — INPUT BY INDUSTRY AND FINAL DEMAND CATEGORY AND SUPPLY BY COMMODITY GROUP 1992-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 113 INDUSTRIES

SUPPLY	USAGE	Intermediate						Final Consumption Expend				Gross Fixed Capital Expend			Increase in Stocks	Exports	Final Demand (Q1-Q7)	Total Supply
		Usage		Private		Govt		Private		Govt		Public Enterprise		General				
		74	75	Q1	Q2	Q3	Q4	O5	O6	O7	O8	O9	O10	O11	O12	O13	O14	O15
2801 Motor vehicles and parts etc	6,222.6	3,375.4	7,909.7	440.0	479.4	12,038.4	1,032.9	12,038.4	18,261.1									
2802 Ships and boats	969.4	84.4	697.4	5.5	0.2	1,221.3	426.4	1,221.3	2,190.7									
2803 Railway equipment	207.1	—	279.6	0.1	—	1,221.3	426.4	1,221.3	2,190.7									
2804 Aircraft	1,360.5	48.7	439.3	823.9	0.5	1,666.9	368.8	1,666.9	3,027.4									
2805 Scientific etc equipment	2,106.3	522.4	746.1	103.2	177.5	1,938.7	387.2	1,938.7	4,045.0									
2806 Electronic equipment	4,450.8	1,736.5	2,240.3	946.3	1,108.4	7,087.5	894.2	7,087.5	11,339.3									
2807 Household appliances	887.3	1,100.4	749.7	0.6	2.2	1,578.8	296.4	1,578.8	3,026.1									
2808 Other electrical equipment	3,597.5	316.9	919.6	185.5	22.6	1,713.1	206.4	1,713.1	5,310.6									
2809 Agricultural machinery	284.6	135.5	602.5	0.5	0.8	803.1	60.7	803.1	1,087.7									
2810 Mining etc equipment	1,075.4	18.7	1,596.5	179.2	112.5	2,092.9	215.7	2,092.9	3,168.3									
2811 Other machinery and equipment	2,328.2	106.6	4,283.8	11.4	17.5	5,944.4	594.4	4,925.6	7,253.8									
2901 Prefabricated buildings	214.6	1,464.4	2,678.8	15.0	23.3	3,385.7	56.4	3,385.7	3,600.3									
2902 Furniture	1,190.7	1,025.6	1,323.5	110.1	250.2	1,535.6	410.8	1,535.6	2,726.3									
2903 Other manufacturing	13,090.1	4,262.3	57.0	1.5	2.3	4,281.9	19.6	4,281.9	17,372.1									
3602 Electricity	5,037.6	865.1	—	—	—	865.1	—	865.1	2,529.3									
3701 Water, sewerage and drainage	1,099.1	—	172.1	—	—	185.5	—	185.5	5,223.0									
4101 Residential building	1,688.8	—	1,610.1	—	—	13.3	—	13.3	21,486.3									
4102 Other construction	17,064.1	6,879.1	10,631.7	6,566.3	6,677.0	25,522.0	36.9	25,522.0	27,210.8									
4501 Wholesale trade	1,128.9	33,497.9	4,906.2	676.6	761.7	16,938.6	3,499.2	16,938.6	34,002.7									
5101 Retail trade	3,406.7	6,035.0	3,269.9	—	—	33,824.8	—	33,824.8	34,953.7									
5401 Mechanical repairs	2,992.7	1,234.8	—	—	—	6.3	—	6.3	9,447.9									
5402 Other repairs	3,319.6	12,994.9	—	—	—	4,249.3	—	4,249.3	21,486.3									
5701 Accommodation, cafes & restaurants	8,234.8	4,337.1	339.7	34.4	41.5	6,371.6	1,526.1	6,371.6	16,314.5									
6101 Road transport	1,198.7	1,839.9	29.2	1.9	1.8	3,793.5	1,905.1	3,793.5	4,606.4									
6201 Rail, pipeline, other transp.	2,111.3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4,189.8									
6301 Water transport	4,064.2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	11,495.7									
6401 Air and space transport	5,369.9	424.1	3,449.4	n.a.	6.3	1,750.4	1,750.4	1,750.4	11,050.2									
6601 Services to transport, storage	10,542.6	4,466.0	42.0	7.3	—	5,680.3	—	5,680.3	16,314.5									
7101 Communication services	13,283.7	3,358.5	—	—	—	7,593.3	—	7,593.3	12,994.9									
7301 Banking	3,666.0	786.0	—	—	—	53.0	—	53.0	16,695.2									
7302 Non-bank finance	2,362.9	—	—	—	—	902.8	—	902.8	4,568.8									
7303 Financial asset investors	3,314.4	4,696.4	1.7	—	0.3	5,038.2	—	5,038.2	2,362.9									
7401 Insurance	5,969.7	414.4	—	—	—	8,352.6	—	8,352.6	6,490.1									
7501 Services to finance etc	14,532.3	866.5	46,187.0	—	—	520.3	—	520.3	46,164.8									
7701 Ownership of dwellings	12,636.6	140.5	1,875.4	—	—	46,164.8	—	46,164.8	17,336.9									
7801 Other property services	18,168.7	1,752.8	65.7	1.2	0.5	803.5	—	803.5	14,758.8									
7802 Scientific research etc	8,829.6	591.4	707.6	—	—	654.5	—	654.5	21,583.7									
7803 Legal, accounting etc services	5,454.0	118.6	—	—	—	205.2	—	205.2	6,359.2									
8101 Government administration	6,552.4	595.1	159.0	—	—	22,166.0	—	22,166.0	28,718.5									
8201 Defence	265.8	—	8,829.6	—	—	134.4	—	134.4	8,964.0									
8401 Education	705.9	5,307.0	16,434.3	—	—	833.6	—	833.6	22,840.7									
8601 Health services	3,206.6	15,421.2	12,471.3	—	—	17.1	—	17.1	28,615.5									
8701 Community services	68.0	2,944.9	2,147.5	—	—	5,092.4	—	5,092.4	1,160.4									
9101 Motion picture, radio etc	682.3	346.7	594.7	—	—	941.4	—	941.4	4,148.0									
9201 Libraries, museums, arts	1,050.7	554.8	903.4	—	—	1,544.3	—	1,544.3	2,226.6									
9301 Sport, gambling etc	542.1	5,937.8	593.4	—	—	6,549.3	—	6,549.3	7,600.2									
9501 Personal services	1,840.2	1,194.8	4,632.6	—	—	4,415.6	—	4,415.6	4,957.7									
9601 Other services	332,076.5	231,649.4	75,924.9	11,629.1	10,108.5	67,485.6	92.1	67,485.6	790,211.4									
P1 Wage, salaries, supps	190,348.0	—	—	—	—	190,348.0	—	190,348.0	168,168.6									
P2 Gross operating surplus	168,168.6	—	—	—	—	168,168.6	—	168,168.6	25,000.9									
P3 Commodity taxes (net)	8,597.2	13,866.5	1,807.6	37.8	55.1	16,403.7	—	16,403.7	17,856.9									
P4 Indirect taxes nec (net)	15,690.9	—	2,166.0	—	—	2,166.0	—	2,166.0	—									
P5 Sales by final buyers	913.2	3,561.0	-2,074.6	-1,584.8	-964.9	-913.2	1.3	1.3	—									
P6A Complementary imports cif	1,918.9	-1,759.9	26.5	—	0.3	-1,733.8	—	-1,733.8	185.1									
P7A Duty on P6A	—	—	—	—	—	—	—	—	—									
T2 Australian Production	717,713.3	247,317.0	63,170.9	10,082.0	9,199.0	474,057.6	-12.4	68,376.2	1,191,770.9									
P6B Competing imports cif	69,580.8	—	—	—	—	8,514.1	—	8,514.1	78,095.0									
P7B Duty on P6B	2,917.2	—	—	—	—	—	—	—	2,917.2									
T3 Total Usage	790,211.4	247,317.0	63,170.9	10,082.0	9,199.0	482,571.8	-12.4	76,890.4	1,272,783.1									

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Intermediate Usage				Final Consumption Expenditure - Private				Final Consumption Expenditure - Government			
	T4		Q1		Q1		Q2		Q1		Q2	
	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices
0101 Sheep	1,089.6	84.6	279.8	1,454.0	16.4	0.8	2.6	19.8	—	—	—	—
0102 Grains	1,733.2	18.2	608.3	2,359.7	68.8	1.0	37.7	107.5	—	—	—	—
0103 Beef cattle	3,523.1	56.3	451.0	4,030.3	51.6	0.8	6.6	59.1	—	—	—	—
0104 Dairy cattle	2,307.7	—	354.8	2,662.5	0.4	—	0.1	0.4	—	—	—	—
0105 Pigs	591.0	10.7	110.6	712.3	4.7	0.1	0.9	5.7	—	—	—	—
0106 Poultry	688.2	0.7	6.9	695.7	322.6	0.8	76.1	399.5	—	—	—	—
0107 Other agriculture	3,417.0	21.6	709.4	4,147.9	2,437.2	8.3	1,972.3	4,407.8	—	—	—	—
0208 Services to agric., hunting	1,259.6	—	169.6	1,429.2	28.3	—	0.2	28.5	113.3	—	—	113.3
0300 Forestry and logging	755.3	—	126.8	882.2	19.1	—	10.8	29.9	236.9	—	—	236.9
0400 Commercial fishing	718.5	4.7	98.8	822.0	771.7	6.2	201.0	979.0	46.9	—	—	46.9
1100 Coal, oil and gas	9,530.7	103.7	925.8	10,560.2	126.4	1.9	25.6	153.9	—	—	—	—
1301 Iron ores	770.9	—	198.0	968.9	—	—	—	—	—	—	—	—
1302 Non-ferrous metal ores	3,196.2	—	174.0	3,370.1	—	—	—	—	—	—	—	—
1400 Other mining	1,757.4	—	1,386.7	3,144.1	2.4	—	0.9	3.4	84.8	—	—	84.8
1500 Services to mining	1,459.5	—	0.3	1,459.8	—	—	—	—	—	—	—	—
2101 Meat and meat products	2,065.7	—	268.7	2,334.4	4,493.8	19.9	2,210.5	6,724.2	—	—	—	—
2102 Dairy products	1,566.7	7.9	59.3	1,633.9	2,933.9	120.9	690.3	3,745.1	—	—	—	—
2103 Fruit and vegetable products	329.7	-0.5	55.2	384.4	2,112.5	38.9	817.5	2,968.9	—	—	—	—
2104 Oils and fats	571.6	—	100.1	671.7	405.6	—	148.9	554.6	—	—	—	—
2105 Flour and cereal foods	1,179.3	-0.1	91.8	1,271.0	1,037.7	3.9	239.1	1,280.7	—	—	—	—
2106 Bakery products	315.0	6.6	28.1	349.6	2,525.0	44.4	1,434.1	4,003.5	—	—	—	—
2107 Confectionery	253.8	13.1	27.3	294.2	1,073.3	94.2	656.0	1,823.5	—	—	—	—
2108 Other food products	2,316.3	2.6	227.6	2,546.4	3,084.8	80.2	1,318.1	4,483.1	—	—	—	—
2109 Soft drinks, cordials, syrups	60.1	—	2.5	62.6	2,090.6	208.5	382.1	2,681.3	—	—	—	—
2110 Beer and malt	284.0	-0.1	144.6	428.6	2,172.8	1,556.3	2,705.7	6,434.8	—	—	—	—
2111 Wine and spirits	275.6	122.1	88.5	486.2	1,030.7	1,071.1	2,155.7	4,247.4	—	—	—	—
2112 Tobacco products	4.5	—	—	4.5	833.7	3,015.2	583.4	4,432.3	—	—	—	—
2201 Wool scouring	229.3	—	68.9	298.2	—	—	—	—	—	—	—	—
2202 Textile fibres, yarns etc	2,988.8	-38.4	178.3	3,128.6	3,605	8.1	409.5	778.1	—	—	—	—
2203 Textile products	1,023.5	9.7	85.8	1,119.0	792.4	39.2	1,106.0	1,937.5	—	—	—	—
2204 Knitting mill products	543.1	—	47.3	590.4	937.4	—	1,097.8	2,035.2	—	—	—	—
2205 Clothing	407.8	0.1	27.9	435.8	3,639.8	5.4	3,632.0	7,277.2	—	—	—	—
2206 Footwear	124.5	—	27.8	152.3	1,067.4	—	1,217.9	2,285.3	—	—	—	—
2207 Leather and leather products	467.2	4.6	32.6	504.4	280.5	17.4	399.7	697.6	—	—	—	—
2301 Sawmill products	2,442.8	-6.2	910.2	3,346.8	0.9	—	0.3	1.2	—	—	—	—
2302 Plywood, veneer and fib. wood	989.4	-0.6	261.2	1,250.0	1.0	—	0.4	1.4	—	—	—	—
2303 Other wood products	2,115.1	10.4	293.0	2,418.4	58.1	4.1	30.0	92.2	—	—	—	—
2304 Pulp, paper and paperboard	2,946.3	161.5	308.5	3,416.3	60.7	7.5	58.6	126.8	—	—	—	—
2305 Paper bags and containers	1,705.7	33.6	120.8	1,860.1	7.6	0.8	0.7	9.1	—	—	—	—
2306 Other paper products	688.4	22.1	81.8	792.3	280.4	44.1	211.7	536.2	—	—	—	—
2401 Printing, services to printing	5,082.9	583.6	592.6	6,259.1	332.4	151.3	519.1	1,002.8	53.7	—	—	53.7
2402 Publishing, recorded media etc	4,513.2	16.2	306.0	4,835.4	1,905.0	170.4	2,400.0	4,407.8	—	—	—	—
2501 Petroleum and coal products	8,732.6	3,574.5	2,262.7	14,569.8	2,978.5	3,608.5	1,943.6	8,530.7	—	—	—	—
2502 Fertilisers	1,341.3	—	417.9	1,759.2	91.6	1.6	71.3	166.5	—	—	—	—
2503 Other basic chemicals	6,757.5	65.4	510.3	7,332.2	13.0	0.3	1.0	14.2	—	—	—	—
2504 Plastics	1,355.5	—	250.1	1,603.6	4.6	—	1.3	5.9	—	—	—	—
2505 Pharmaceuticals etc	3,086.1	78.4	594.5	3,759.0	1,307.7	12.0	2,971.4	4,291.1	—	—	—	—
2506 Soap and other detergents	432.0	—	47.7	479.7	727.2	124.2	719.6	1,591.0	—	—	—	—
2507 Cosmetics and toiletries	258.5	—	185.4	443.9	594.4	152.6	1,527.0	2,274.0	—	—	—	—
2508 Other chemical products	1,790.3	42.3	178.4	2,011.0	77.7	72.6	95.2	245.6	—	—	—	—
2509 Rubber products	1,474.9	133.0	353.7	1,961.6	628.6	194.0	693.0	1,514.6	—	—	—	—
2510 Plastic products	5,348.2	204.4	807.2	6,359.7	868.0	57.9	509.7	1,435.6	—	—	—	—
2601 Glass and glass products	1,228.8	32.2	232.7	1,493.7	55.6	6.9	165.5	228.0	—	—	—	—
2602 Ceramic products	1,669.3	9.3	361.4	2,040.0	132.9	16.4	323.8	473.1	—	—	—	—
2603 Cement and lime	823.6	—	70.8	894.4	—	—	—	—	—	—	—	—
2604 Concrete slurry	1,502.2	—	145.1	1,647.4	—	—	—	—	—	—	—	—
2605 Plaster, other concrete prod.	1,952.0	—	148.2	2,100.2	—	—	—	—	—	—	—	—
2606 Non-metallic min. products nec	1,049.2	—	311.3	1,360.5	0.2	—	0.1	0.3	—	—	—	—
2701 Iron and steel	8,308.8	-0.2	462.9	8,771.5	53.6	—	39.3	92.9	—	—	—	—
2702 Basic non-ferrous metals etc	4,113.8	—	145.2	4,259.0	—	—	—	—	—	—	—	—
2703 Structural metal products	3,998.5	—	194.7	4,393.2	—	—	—	—	—	—	—	—
2704 Sheet metal products	2,014.9	92.9	173.1	2,280.9	75.0	11.7	84.4	171.1	—	—	—	—
2705 Fabricated metal products	5,184.9	71.9	599.0	5,855.8	207.4	149.7	476.4	833.5	—	—	—	—

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93 continued

COMMODITY GROUP	Intermediate Usage				Final Consumption Expenditure - Private				Final Consumption Expenditure - Government			
	T4		Q1		Q1		Q2		Q2		Q2	
	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices
2801 Motor vehicles and parts etc	6,222.6	547.8	1,365.7	8,136.1	3,375.4	897.0	2,597.3	6,864.7	—	—	—	—
2802 Ships and boats	969.4	-10.4	1.2	960.2	84.4	13.7	45.3	143.5	—	—	—	—
2803 Railway equipment	207.1	—	0.1	207.2	—	—	—	—	—	—	—	—
2804 Aircraft	1,360.5	—	7.4	1,367.9	48.7	7.4	0.6	49.4	—	—	—	—
2805 Scientific etc equipment	2,106.3	131.6	994.8	3,222.8	522.4	180.9	797.3	1,500.5	—	—	—	—
2806 Electronic equipment	4,450.3	185.4	1,124.2	5,760.3	1,736.5	311.0	1,362.4	3,410.0	—	—	—	—
2807 Household appliances	887.3	54.3	73.5	1,015.0	1,001.4	74.1	447.7	1,622.2	—	—	—	—
2808 Other electrical equipment	3,597.5	189.9	751.9	4,539.3	316.9	26.8	272.0	615.8	—	—	—	—
2809 Agricultural machinery	284.6	—	64.5	349.0	135.5	8.3	67.0	210.8	—	—	—	—
2810 Mining etc equipment	1,075.4	—	377.0	1,452.4	—	—	—	—	—	—	—	—
2811 Other machinery and equipment	2,328.2	49.1	475.2	2,852.5	18.7	4.1	29.7	52.5	—	—	—	—
2901 Prefabricated buildings	106.6	—	7.0	113.6	—	—	—	—	—	—	—	—
2902 Furniture	214.6	2.8	28.3	245.7	1,464.4	34.4	1,804.7	3,303.5	—	—	—	—
2903 Other manufacturing	1,190.7	119.1	220.9	1,530.7	1,025.6	264.2	1,794.9	3,084.7	—	—	—	—
3601 Electricity	13,090.1	20.6	—	13,110.8	4,262.3	6.7	—	4,269.0	—	—	—	—
3602 Gas	1,664.2	197.6	—	1,861.8	865.1	100.9	—	966.0	—	—	—	—
3701 Water, sewerage and drainage	5,037.6	70.9	—	5,108.4	—	—	—	—	—	—	—	172.1
4101 Residential building	1,109.1	—	—	1,109.1	—	—	—	—	—	—	—	—
4102 Other construction	1,688.8	—	—	1,688.8	—	—	—	—	—	—	—	1,610.1
4501 Wholesale trade	17,064.1	—	-15,565.3	1,498.8	6,879.1	—	-6,879.1	—	—	—	—	30.5
5101 Retail trade	1,128.9	—	-391.7	1,498.8	33,497.9	—	-33,497.9	—	—	—	—	—
5401 Mechanical repairs	3,406.7	—	—	3,406.7	6,035.0	—	—	6,035.0	—	—	—	—
5402 Other repairs	2,992.7	—	—	2,992.7	1,234.8	—	—	1,234.8	—	—	—	—
5701 Accommodation, cafes & restaurants	3,319.6	10.0	-100.8	3,228.9	13,994.9	492.1	-4,089.0	9,398.0	—	—	—	114.9
6101 Road transport	8,234.8	—	-6,339.0	1,895.7	4,337.1	—	-1,817.4	1,839.9	—	—	—	—
6201 Rail, pipeline, other transp.	1,198.7	-31.0	-1,053.8	113.9	1,839.9	-838.8	-77.7	923.4	—	—	—	—
6301 Water transport	2,111.3	—	-590.7	1,520.6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6401 Air and space transport	4,064.2	-1.7	180.5	3,882.0	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6601 Services to transport; storage	5,369.9	12.7	-175.2	5,207.4	424.1	1.6	-56.7	368.9	—	—	—	3,449.4
7101 Communication services	10,542.6	—	—	10,542.6	4,466.0	—	—	4,466.0	—	—	—	11.3
7301 Banking	13,283.7	532.3	—	13,816.1	3,358.5	566.5	—	3,915.0	—	—	—	—
7302 Non-bank finance	3,666.0	366.7	—	4,032.7	786.0	27.5	—	813.5	—	—	—	10.9
7303 Financial asset investors	2,362.9	—	—	2,362.9	—	—	—	—	—	—	—	—
7401 Insurance	3,314.4	515.3	-37.7	3,791.9	4,696.4	32.9	-9.3	4,720.0	—	—	—	172.5
7501 Services to finance etc	5,969.7	—	—	5,969.7	414.4	—	—	414.4	—	—	—	—
7701 Ownership of dwellings	—	—	—	—	46,187.0	—	—	46,187.0	—	—	—	-22.2
7801 Other property services	14,532.3	—	—	14,532.3	866.5	—	—	866.5	—	—	—	13.3
7802 Scientific research etc	12,616.6	—	—	12,616.6	140.5	—	—	140.5	—	—	—	827.8
7803 Legal, accounting etc services	18,168.7	—	—	18,168.7	1,752.8	—	—	1,752.8	—	—	—	300.1
7803 Other business services	5,454.0	—	—	5,454.0	118.6	—	—	118.6	—	—	—	581.4
8101 Government administration	6,552.4	—	—	6,552.4	595.1	—	—	595.1	—	—	—	21,411.9
8201 Defence	—	—	—	—	—	—	—	—	—	—	—	—
8401 Education	265.8	—	—	265.8	5,307.0	—	—	5,307.0	—	—	—	8,829.6
8601 Health services	705.9	—	—	705.9	15,421.2	—	—	15,421.2	—	—	—	16,434.3
8701 Community services	68.0	—	—	68.0	2,944.9	—	—	2,944.9	—	—	—	12,471.3
9101 Motion picture, radio etc	3,206.6	91.4	—	3,298.0	346.7	-0.1	—	346.5	—	—	—	2,147.5
9201 Libraries, museums, arts	682.3	—	1.5	683.8	554.8	—	—	554.8	—	—	—	594.7
9301 Sport, gambling etc	1,050.7	—	—	1,050.7	5,937.8	—	—	5,937.8	—	—	—	903.4
9501 Personal services	542.1	0.7	—	542.8	4,311.9	1.3	—	4,313.2	—	—	—	593.4
9601 Other services	1,880.2	—	—	1,880.2	1,394.8	—	—	1,394.8	—	—	—	98.5
I1 Intermediate Usage	332,076.5	8,597.2	-252.3	340,421.4	231,649.4	13,844.3	-881.8	244,611.9	75,924.9	—	—	75,924.9
P1 Wages, salaries, supps	190,148.0	—	—	190,148.0	—	—	—	—	—	—	—	—
P2 Gross operating surplus	168,168.6	—	—	168,168.6	—	—	—	—	—	—	—	—
P3 Commodity taxes (net)	8,597.2	-8,597.2	—	—	13,866.5	-13,866.5	—	—	—	—	—	—
P4 Indirect taxes nec (net)	15,690.9	—	—	15,690.9	—	—	—	—	—	—	—	—
P5 Sales by final buyers	913.2	—	230.7	1,143.9	3,561.0	—	797.8	4,358.8	—	—	—	—
P6A Complementary imports cif	1,918.9	—	21.6	1,940.5	-1,759.9	22.2	83.9	-1,653.7	—	—	—	—
P7A Duty on P6A	—	—	—	—	—	—	—	—	—	—	—	—
T1 Australian Production	717,713.3	—	—	717,713.3	247,317.0	—	—	247,317.0	75,924.9	—	—	75,924.9
P6B Competing imports cif	69,580.8	—	—	69,580.8	—	—	—	—	—	—	—	—
P7B Duty on P6B	2,917.2	—	—	2,917.2	—	—	—	—	—	—	—	—
T3 Total Usage	790,211.4	—	—	790,211.4	247,317.0	—	—	247,317.0	75,924.9	—	—	75,924.9

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93... continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Gross Fixed Capital Expenditure - Private			Gross Fixed Capital Expenditure - Public Enterprise			Gross Fixed Capital Expenditure - General Government					
	Q3	Q4	Q5	Q3	Q4	Q5	Q3	Q4	Q5			
	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices
0101 Sheep												
0102 Grains												
0103 Beef cattle												
0104 Dairy cattle												
0105 Pigs												
0106 Poultry												
0107 Other agriculture												
0200 Services to agric., hunting												
0300 Forestry and logging	64.0			64.0					14.8			14.8
0400 Commercial fishing												
1100 Coal, oil and gas												
1301 Iron ores												
1302 Non-ferrous metal ores												
1400 Other mining												
1500 Services to mining	69.1			69.1								
2101 Meat and meat products												
2102 Dairy products												
2103 Fruit and vegetable products												
2104 Oils and fats												
2105 Flour and cereal foods												
2106 Bakery products												
2107 Confectionery												
2108 Other food products												
2109 Soft drinks, cordials, syrups												
2110 Beer and malt												
2111 Wine and spirits												
2112 Tobacco products												
2201 Wool scouring												
2202 Textile fibres, yarns etc												
2203 Textile products	99.9		11.0	110.8	34.1		4.8	38.9	51.1		7.2	58.3
2204 Knitting mill products												
2205 Clothing												
2206 Footwear												
2207 Leather and leather products												
2301 Sawmill products												
2302 Plywood, veneer and lab. wood			7.9	88.4	10.8		0.4	11.2	24.9		0.9	25.8
2303 Other wood products	80.6											
2304 Pulp, paper and paperboard												
2305 Paper bags and containers												
2306 Other paper products												
2401 Printing, services to printing	0.6			0.6	25.2		-0.1	4.8	45.9		-0.2	54.5
2402 Publishing, recorded media etc												
2501 Petroleum and coal products												
2502 Fertilisers												
2503 Other basic chemicals												
2504 Paints												
2505 Pharmaceuticals etc												
2506 Soap and other detergents												
2507 Cosmetics and toiletries												
2508 Other chemical products			1.9	12.0								
2509 Rubber products	10.0		5.9	29.5								
2510 Plastic products	23.6			4.4								
2601 Glass and glass products	4.3		3.0	12.4								
2602 Ceramic products												
2603 Cement and lime												
2604 Concrete slurry												
2605 Plaster, other concrete prod.	5.4		0.4	5.8								
2606 Non-metallic min. products nec	43.5		11.6	55.1								
2701 Iron and steel	14.8		0.5	15.3								
2702 Basic non-ferrous metals etc	14.5		0.4	14.9								
2703 Structural metal products	136.2		14.7	150.9	15.3		1.6	16.9	22.4		2.4	24.8
2704 Sheet metal products	1,107.9		83.8	1,285.2	7.7		0.5	8.2	11.5		0.7	12.2
2705 Fabricated metal products	349.0	37.3	18.5	404.8	11.2		1.4	12.7	18.2	0.1	2.0	20.3

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93 continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Q3				Q4				Q5			
	Gross Fixed Capital Expenditure - Private				Gross Fixed Capital Expenditure - Public Enterprise				Gross Fixed Capital Expenditure - General Government			
	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices
2801 Motor vehicles and parts etc	7,099.7	1,193.6	1,602.8	9,896.0	440.0	89.0	529.0	479.4	529.0	79.6	559.0	
2802 Ships and boats	697.4	7.4	2.6	692.5	5.5	0.1	5.5	0.2	5.5	—	0.2	
2803 Railway equipment	48.7	—	0.1	48.8	279.6	0.3	279.9	0.1	279.9	—	0.1	
2804 Aircraft	439.3	—	6.9	446.2	823.9	12.9	836.8	0.5	836.8	—	0.5	
2805 Scientific etc equipment	746.1	94.4	187.0	1,227.5	103.2	70.7	185.2	177.5	185.2	91.6	291.5	
2806 Electronic equipment	2,240.3	136.8	1,093.2	3,470.3	946.3	438.1	1,410.9	1,108.4	1,410.9	517.9	1,659.1	
2807 Household appliances	749.7	—	9.0	956.0	0.6	0.1	0.7	2.2	0.7	0.2	2.4	
2808 Other electrical equipment	919.6	83.6	188.2	1,191.4	185.5	23.6	209.1	3.5	209.1	3.5	26.1	
2809 Agricultural machinery	602.5	—	176.7	779.3	0.5	0.2	0.7	0.8	0.7	0.2	1.0	
2810 Mining etc equipment	1,596.5	—	688.5	2,285.0	179.2	51.7	230.9	112.5	230.9	42.1	154.7	
2811 Other machinery and equipment	4,283.8	148.2	852.8	5,284.8	11.4	2.3	13.7	17.5	13.7	3.6	21.1	
2901 Prefabricated buildings	267.8	—	24.3	292.1	15.0	1.5	16.5	2.3	16.5	2.2	25.5	
2902 Furniture	1,323.5	8.2	323.1	1,654.8	110.1	25.6	135.6	290.2	135.6	59.8	310.0	
2903 Other manufacturing	57.0	5.5	6.4	68.9	1.5	0.6	2.1	2.3	2.1	0.8	3.1	
3601 Electricity	—	—	—	—	—	—	—	—	—	—	—	
3602 Gas	—	—	—	—	—	—	—	—	—	—	—	
3701 Water, sewerage and drainage	—	—	—	—	—	—	—	—	—	—	—	
4101 Residential building	19,018.0	—	—	19,018.0	1,125.0	—	1,125.0	221.0	1,125.0	—	321.0	
4102 Other construction	10,631.7	—	—	10,631.7	6,566.3	—	6,566.3	6,677.0	6,566.3	—	6,677.0	
4501 Wholesale trade	4,906.2	—	-4,906.2	—	676.6	—	—	761.7	—	-761.7	—	
5101 Retail trade	326.9	—	-326.9	—	—	—	—	—	—	—	—	
5401 Mechanical repairs	—	—	—	—	—	—	—	—	—	—	—	
5402 Other repairs	—	—	—	—	—	—	—	—	—	—	—	
5701 Accommodation, cafes & restaurants	—	—	—	—	—	—	—	—	—	—	—	
6101 Road transport	339.7	—	-339.7	—	34.4	—	—	41.5	—	-41.5	—	
6201 Rail, pipeline, other transp.	29.2	—	-29.2	—	1.9	—	—	1.8	—	-1.8	—	
6301 Water transport	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6401 Air and space transport	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
6601 Services to transport, storage	42.0	—	-42.0	—	7.3	—	—	6.3	—	-6.3	—	
7101 Communication services	—	—	—	—	—	—	—	—	—	—	—	
7301 Banking	—	—	—	—	—	—	—	—	—	—	—	
7302 Non-bank finance	—	—	—	—	—	—	—	—	—	—	—	
7303 Financial asset investors	—	—	—	—	—	—	—	—	—	—	—	
7401 Insurance	1.7	—	-1.7	—	0.2	—	—	0.3	—	-0.3	—	
7501 Services to finance etc	—	—	—	—	—	—	—	—	—	—	—	
7701 Ownership of dwellings	1,875.4	—	—	1,875.4	—	—	—	—	—	—	—	
7702 Other property services	65.7	—	—	65.7	3.2	—	—	—	—	—	—	
7801 Scientific research etc	707.6	—	—	707.6	—	—	—	—	—	—	—	
7802 Legal, accounting etc services	—	—	—	—	—	—	—	—	—	—	—	
7803 Other business services	159.0	—	—	159.0	—	—	—	—	—	—	—	
8101 Government administration	—	—	—	—	—	—	—	—	—	—	—	
8201 Defence	—	—	—	—	—	—	—	—	—	—	—	
8401 Education	—	—	—	—	—	—	—	—	—	—	—	
8601 Health services	—	—	—	—	—	—	—	—	—	—	—	
8701 Community services	—	—	—	—	—	—	—	—	—	—	—	
9101 Motion picture, radio etc	—	—	—	—	—	—	—	—	—	—	—	
9201 Libraries, museums, arts	44.2	—	0.2	44.5	—	—	—	—	—	—	—	
9301 Sport, gambling etc	—	—	—	—	—	—	—	—	—	—	—	
9501 Personal services	—	—	—	—	—	—	—	—	—	—	—	
9601 Other services	—	—	—	—	—	—	—	—	—	—	—	
T1 Intermediate Usage	61,245.4	1,802.6	-19.4	63,028.5	11,629.1	37.8	11,666.8	10,108.5	11,666.8	56.1	10,163.6	
P1 Wages, salaries, supps	—	—	—	—	—	—	—	—	—	—	—	
P2 Gross operating surplus	—	—	—	—	—	—	—	—	—	—	—	
P3 Commodity taxes (net)	1,807.6	1,807.6	—	2,166.0	37.8	-37.8	—	55.1	—	-55.1	—	
P4 Indirect taxes net	2,166.0	—	—	2,166.0	—	—	—	—	—	—	—	
P5 Sales by final buyers	-2,074.6	—	—	-2,074.6	1,584.8	—	-1,584.8	-964.9	—	—	-964.9	
P6A Complementary imports of	26.5	5.0	19.4	30.9	—	—	—	0.3	—	—	0.3	
P7A Duty on P6A	—	—	—	—	—	—	—	—	—	—	—	
T2 Australian Production	63,170.9	—	—	63,170.9	10,082.0	—	10,082.0	9,199.0	—	—	9,199.0	
P6B Competing imports of	—	—	—	—	—	—	—	—	—	—	—	
P7B Duty on P6B	—	—	—	—	—	—	—	—	—	—	—	
T3 Total Usage	63,170.9	—	—	63,170.9	10,082.0	—	10,082.0	9,199.0	—	—	9,199.0	

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93 continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Increase in Stocks Q6			Exports of Goods and Services Q7		
	Basic Values	Commodity Taxes	Purchasers' Prices	Basic Values	Commodity Taxes	Purchasers' Prices
0101 Sheep	-153	-1.4	-4.7	1,699.3	160.1	511.8
0102 Grains	284.1		106.5	1,808.1	46.5	675.0
0103 Beef cattle	-8.3		-1.1	71.0	1.1	9.1
0104 Dairy cattle	6.2		1.0			
0105 Pigs	-1.3		-0.3			
0106 Poultry	13.1		1.6			
0107 Other agriculture	-60.0		-19.3	1,108.8	0.9	224.2
0200 Services to agric.: hunting	-1.4		-0.3	69.4		7.0
0300 Forestry and logging	1.1		0.2	22.1		4.0
0400 Commercial fishing	-64.9		-9.1	211.2	1.0	32.8
1100 Coal, oil and gas	-29.5		-8.8	8,868.2	54.3	1,691.5
1301 Iron ores	-27.4		-3.0	2,546.5		339.4
1302 Non-ferrous metal ores	-40.1		-0.8	5,568.5	1.0	196.7
1400 Other mining	-5.3		-1.0	680.9		194.0
1500 Services to mining				47.1		47.1
2101 Meat and meat products	-402.5		-35.0	3,983.7	23.6	330.9
2102 Dairy products	-201.4	-0.4	-9.3	1,132.0	-42.3	52.6
2103 Fruit and vegetable products	-107.0		-19.9	407.3	-0.1	57.6
2104 Oils and fats	-40.3		-7.5	67.1		12.5
2105 Flour and cereal foods	-103.5		-10.2	343.3	1.6	59.9
2106 Bakery products	-121.5		-18.8	33.1	4.3	38.9
2107 Confectionery	-57.3		-5.5	88.2	3.7	8.3
2108 Other food products	-364.6		-47.0	2,137.3		347.8
2109 Soft drinks, cordials, syrups	-111.0		-4.3	22.4		0.9
2110 Beer and malt	-167.8		-10.5	129.5		41.0
2111 Wine and spirits	-52.6	-3.4	-9.7	270.0	2.0	29.8
2112 Tobacco products	-41.2		-4.5	4.0	9.7	0.6
2201 Wool scouring	-25.3		-3.4	748.1		233.2
2202 Textile fibres, yarns etc	82.6		6.1	139.5		7.3
2203 Textile products	89.2		7.3	139.8		13.0
2204 Knitting mill products	94.7		7.0	44.9		4.7
2205 Clothing	234.0		16.0	105.4		9.9
2206 Footwear	61.9		7.2	31.1	0.1	4.1
2207 Leather and leather products	35.0		3.6	305.8		15.1
2301 Sawmill products	31.8		0.9	340.8		61.9
2302 Plywood, veneer and fib. wood	4.5		0.5	72.4		24.8
2303 Other wood products	-0.5		-0.4	22.1		4.5
2304 Pulp, paper and paperboard	131.4		14.1	148.6	12.2	178.6
2305 Paper bags and containers	105.1		6.8	34.6	2.3	37.0
2306 Other paper products	50.0		6.1	22.0	0.3	25.2
2401 Printing, services to printing	57.0		19.8	78.7		13.9
2402 Publishing, recorded media etc	9.7		3.4	135.4	1.0	160.2
2501 Petroleum and coal products	-147.1	-99.8	-26.1	888.7	410.0	244.5
2502 Fertilisers	65.8		19.9	9.7		3.8
2503 Other basic chemicals	10.2		-1.9	731.7	-0.1	57.0
2504 Paints	47.1		6.6	37.1		5.6
2505 Pharmaceuticals etc	199.2		38.4	441.1		87.2
2506 Soap and other detergents	58.4		7.0	62.1		6.9
2507 Cosmetics and toiletries	28.3		20.9	26.1		18.9
2508 Other chemical products	10.8		3.9	154.6		15.7
2509 Rubber products	61.0		17.8	76.1		20.3
2510 Plastic products	183.1		30.3	187.2	5.4	31.5
2601 Glass and glass products	8.2		1.3	49.8	0.5	12.8
2602 Ceramic products	5.2		3.0	39.1	0.3	8.7
2603 Cement and lime	34.1		-0.2	13.5		1.2
2604 Concrete slurry	3.8		-0.5			
2605 Plaster, other concrete prod.	7.1		-0.4			
2606 Non-metallic min. products nec	2.8		-1.3	65.9		17.2
2701 Iron and steel	80.7		-0.8	1,237.7		86.2
2702 Basic non-ferrous metals etc	111.5		-1.1	6,895.1	-0.8	253.0
2703 Structural metal products	-3.0		-1.1	97.7		10.4
2704 Sheet metal products	78.7		4.1	78.6		5.2
2705 Fabricated metal products	158.9		12.0	272.5	0.1	24.0
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TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93 - continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Increase in Stocks				Exports of Goods and Services			
	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Basic Values	Commodity Taxes	Margin	Purchasers Prices
2801 Motor vehicles and parts etc	-298.9	...	-26.8	-325.7	1,032.9	-4.1	185.6	1,218.4
2802 Ships and boats	7.5	...	...	7.5	426.4	...	2.4	424.7
2803 Railway equipment	28.6	...	...	28.6	15.1	...	15.1	15.1
2804 Aircraft	-14.3	...	0.2	-14.5	368.8	...	5.1	373.9
2805 Scientific etc equipment	2.3	...	-3.9	1.5	387.2	19.7	149.3	547.2
2806 Electronic equipment	161.8	...	82.1	243.9	894.2	24.6	246.5	1,165.4
2807 Household appliances	138.2	...	6.4	134.6	147.8	5.4	11.6	174.8
2808 Other electrical equipment	-28.0	...	-8.9	36.9	296.4	...	53.5	349.9
2809 Agricultural machinery	3.1	...	-0.7	2.4	60.7	...	14.1	74.8
2810 Mining etc equipment	-11.0	...	-6.6	-17.6	215.7	...	87.8	303.5
2811 Other machinery and equipment	-0.2	...	-5.2	-5.4	594.4	...	117.2	711.6
2901 Prefabricated buildings	3.1	...	...	3.1	19.6	...	1.4	21.1
2902 Furniture	181.2	...	44.1	225.2	56.4	...	13.2	69.6
2903 Other manufacturing	38.5	...	5.2	43.6	410.8	15.7	41.8	468.4
3601 Electricity	...	...	...	...	19.6	...	...	19.6
3602 Gas	...	...	...	...	...	...	...	...
3701 Water, sewerage and drainage	...	...	...	...	13.4	-0.1	...	13.3
4101 Residential building	...	...	...	...	13.3	...	...	13.3
4102 Other construction	...	...	...	...	36.9	...	...	36.9
4501 Wholesale trade	185.3	...	185.3	...	3,499.2	...	-3,494.8	4.4
5101 Retail trade	...	...	...	...	6.3	...	...	6.3
5401 Mechanical repairs	...	...	...	...	21.8	...	...	21.8
5402 Other repairs	...	...	...	...	...	...	...	...
5701 Accommodation, cafes & restaurants	...	...	...	...	...	...	...	...
6101 Road transport	-22.1	...	22.1	...	1,526.1	...	1,526.1	...
6201 Rail, pipeline, other transp.	15.6	...	-15.6	...	1,905.1	...	1,905.1	...
6301 Water transport	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6401 Air and space transport	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6601 Services to transport; storage	0.8	...	0.8	...	1,750.4	...	-153.1	1,597.4
7101 Communication services	...	...	...	...	759.3	...	...	759.3
7301 Banking	...	...	...	...	53.0	...	...	53.0
7302 Non-bank finance	...	...	...	...	105.9	...	...	105.9
7303 Financial asset investors	...	...	...	...	...	...	...	...
7401 Insurance	-0.1	...	0.1	...	167.2	1.0	-19.6	148.5
7501 Services to finance etc	...	...	...	...	105.9	...	...	105.9
7701 Ownership of dwellings	...	...	...	...	49.3	...	...	49.3
7702 Other property services	...	...	...	...	803.5	...	...	803.5
7801 Scientific research etc	...	...	...	...	654.5	...	...	654.5
7802 Legal, accounting etc services	...	...	...	...	205.2	...	...	205.2
7803 Other business services	...	...	...	...	...	...	...	...
8101 Government administration	...	...	...	...	134.4	...	...	134.4
8201 Defence	...	...	...	...	833.6	...	...	833.6
8401 Education	...	...	...	...	17.1	...	...	17.1
8601 Health services	...	...	...	...	...	...	...	...
8701 Community services	...	...	...	...	41.9	...	0.1	42.0
9101 Motion picture, radio etc	...	...	...	...	18.3	...	...	18.3
9201 Libraries, museums, arts	...	...	...	...	5.2	...	...	5.2
9301 Sport, gambling etc	...	...	...	...	0.1	...	...	0.1
9501 Personal services	...	...	...	...	...	...	...	...
9601 Other services	...	...	...	...	67,485.6	741.8	-158.2	68,069.1
T1 Intermediate Usage	92.1	-105.2	0.1	-13.0	...	...	...	...
P1 Wages, salaries, supps	...	...	...	...	...	...	...	...
P2 Gross operating surplus	...	...	...	...	741.8	741.8	...	...
P3 Commodity taxes (net)	-105.1	105.1	...	...	...	...	...	...
P4 Indirect taxes net (net)	1.3	...	...	1.3	148.8	...	2.2	151.0
P5 Sales by final buyers	-0.7	0.1	-0.1	-0.7	...	...	...	...
P6A Complementary imports cif	...	...	...	...	...	...	...	...
P7A Duty on P6A	-12.4	...	...	-12.4	68,376.2	...	-156.0	68,220.2
P6B Competing imports cif	...	...	...	...	8,514.1	...	156.0	8,670.2
P7B Duty on P6B	...	...	...	...	...	...	...	...
T3 Total Usage	-12.4	...	...	-12.4	76,890.4	...	...	76,890.4

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93 - continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Final Demand (Q1-Q7)			Total Supply		
	Basic Values	Commodity Taxes	Purchasers Prices	Basic Values	Commodity Taxes	Purchasers Prices
0101 Sheep	1,700.3	159.5	529.7	2,789.9	244.2	3,843.5
0102 Grains	2,161.0	47.4	819.2	3,894.2	65.6	5,287.3
0103 Beef cattle	1,143.3	2.0	130.9	3,637.4	58.2	4,161.2
0104 Dairy cattle	6.6	0.1	7.6	2,314.3	10.7	2,670.1
0105 Pigs	4.6	0.1	5.6	595.7	1.4	717.9
0106 Poultry	3,105.5	0.8	74.6	385.9	1.4	1,081.7
0107 Other agriculture	3,476.0	9.2	2,177.2	6,892.9	30.8	9,810.2
0200 Services to agric., hunting	209.6	—	6.9	1,469.3	—	1,645.7
0300 Forestry and logging	358.1	—	15.0	1,133.4	—	1,255.3
0400 Commercial fishing	965.0	7.2	224.7	1,683.5	11.9	2,018.8
1100 Coal, oil and gas	8,965.0	56.2	1,708.3	18,495.7	159.9	21,289.7
1301 Iron ores	2,519.1	—	356.5	3,290.0	—	3,844.4
1302 Non-ferrous metal ores	5,528.4	1.0	196.0	8,724.6	1.0	9,095.5
1400 Other mining	677.1	—	189.2	2,434.5	—	4,010.4
1500 Services to mining	201.0	—	201.1	1,660.6	—	4,010.4
2101 Meat and meat products	8,074.9	43.5	2,506.4	10,140.6	43.4	12,959.1
2102 Dairy products	3,862.5	78.2	733.6	5,429.3	86.1	6,108.2
2103 Fruit and vegetable products	2,412.8	38.8	3,306.9	2,742.5	38.3	3,691.3
2104 Oils and fats	432.4	—	153.9	1,004.0	—	1,258.1
2105 Flour and cereal foods	1,277.5	1.9	288.8	2,456.8	3.8	2,841.2
2106 Bakery products	2,436.6	46.0	1,427.6	2,751.6	52.6	4,259.8
2107 Confectionery	1,104.1	98.0	658.7	1,357.9	111.1	2,155.0
2108 Other food products	4,857.4	80.2	1,618.9	7,173.7	82.8	9,101.1
2109 Soft drinks, cordials, syrups	2,002.0	208.5	378.7	2,062.1	208.5	2,651.8
2110 Beer and malt	2,134.4	—	2,736.3	2,418.4	—	6,855.6
2111 Wine and spirits	1,238.1	1,069.7	1,275.7	1,513.6	1,191.8	4,969.7
2112 Tobacco products	396.5	3,025.0	579.5	801.0	3,025.0	4,405.4
2201 Wool scouring	722.8	—	229.8	952.1	—	1,250.8
2202 Textile fibres, yarns etc	582.6	7.7	422.9	3,571.4	-30.7	4,141.8
2203 Textile products	1,206.4	39.2	1,149.3	2,229.9	48.9	3,513.9
2204 Knitting mill products	1,077.1	—	1,109.5	1,620.2	—	2,776.9
2205 Clothing	3,979.2	5.5	3,657.9	4,387.0	5.7	8,078.6
2206 Footwear	1,160.4	—	1,229.2	1,284.9	—	2,341.9
2207 Leather and leather products	611.3	17.4	418.4	1,078.5	22.0	1,551.4
2301 Sawmill products	309.9	—	63.1	2,752.6	-6.2	3,719.7
2302 Plywood, veneer and fab. wood	68.9	—	25.6	1,058.3	-0.6	1,344.5
2303 Other wood products	195.9	4.1	43.3	2,311.0	14.5	2,661.7
2304 Pulp, paper and paperboard	340.7	19.7	90.5	3,287.1	181.1	3,867.2
2305 Paper bags and containers	147.3	0.8	9.9	1,853.0	34.4	2,018.1
2306 Other paper products	352.4	44.4	220.7	1,040.8	66.5	1,409.8
2401 Printing, services to printing	571.7	151.3	552.8	5,604.7	734.8	7,484.9
2402 Publishing, recorded media etc	2,121.8	169.0	2,442.7	6,615.0	185.2	9,568.9
2501 Petroleum and coal products	3,720.1	3,918.8	2,162.0	12,452.7	7,493.3	24,370.6
2502 Fertilisers	169.1	1.6	95.0	1,510.4	1.6	2,024.9
2503 Other basic chemicals	754.8	0.2	56.0	7,512.4	65.6	8,144.2
2504 Paints	88.7	—	13.6	1,442.2	—	1,705.9
2505 Pharmaceuticals etc	1,948.0	12.0	3,097.0	5,034.1	90.4	8,816.0
2506 Soap and other detergents	847.7	124.2	751.4	1,279.7	124.2	2,205.0
2507 Cosmetics and toiletries	648.8	152.6	1,566.8	907.3	152.6	2,812.2
2508 Other chemical products	243.1	72.6	114.9	2,033.4	115.0	2,441.7
2509 Rubber products	775.8	194.0	732.0	2,280.7	327.0	3,663.4
2510 Plastic products	1,262.0	63.4	567.4	6,610.2	367.7	8,252.5
2601 Glass and glass products	117.8	7.3	304.8	1,346.6	39.5	1,798.5
2602 Ceramic products	186.5	16.7	338.4	1,855.8	26.0	2,581.7
2603 Cement and lime	-10.6	—	0.9	812.9	—	884.7
2604 Concrete slurry	-3.8	—	0.5	1,498.4	—	1,643.1
2605 Plaster, other concrete prod.	42.2	—	2.2	1,994.2	—	2,144.6
2606 Non-metallic min. products nec	1,068.8	—	27.6	1,155.9	—	1,494.9
2701 Iron and steel	1,201.7	—	85.9	9,510.5	-0.2	10,059.1
2702 Basic non-ferrous metals etc	6,851.7	-0.8	291.7	10,965.4	-0.9	11,401.5
2703 Structural metal products	268.5	—	28.0	4,267.1	—	4,689.7
2704 Sheet metal products	1,359.5	105.2	178.8	3,374.4	198.0	3,924.4
2705 Fabricated metal products	1,017.1	187.3	534.2	6,302.0	259.1	7,594.4

TABLE 3. RECONCILIATION OF FLOWS AT BASIC VALUES AND AT PURCHASERS' PRICES BY COMMODITY GROUP 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, RECORDING INTRA-INDUSTRY FLOWS

COMMODITY GROUP	Final Demand (Q1-Q7)			Total Supply			
	Basic Values	Commodity Taxes	Margin	Purchasers Prices	Commodity Taxes	Margin	Purchasers Prices
2801 Motor vehicles and parts etc	12,038.4	2,085.6	4,527.4	18,261.1	2,633.4	5,893.1	26,787.5
2802 Ships and boats	1,221.3	2.1	50.4	1,273.8	-8.3	21.6	2,234.0
2803 Railway equipment	372.2	—	0.4	372.6	—	0.5	379.8
2804 Aircraft	1,666.9	—	25.3	3,027.4	—	32.7	3,060.1
2805 Scientific etc equipment	1,938.7	319.8	1,491.9	3,750.5	441.4	2,486.8	6,973.2
2806 Electronic equipment	7,087.5	531.7	3,740.2	11,359.5	—	4,864.4	17,119.8
2807 Household appliances	2,138.9	88.5	663.3	2,890.6	142.7	736.8	3,905.6
2808 Other electrical equipment	1,713.1	110.3	531.9	2,355.3	300.2	1,283.9	6,894.7
2809 Agricultural machinery	803.1	8.3	257.5	1,068.9	8.3	322.0	1,418.0
2810 Mining etc equipment	2,092.9	—	863.6	2,956.6	0.1	1,240.6	4,409.0
2811 Other machinery and equipment	4,925.6	152.3	1,000.4	6,078.3	201.4	1,475.5	8,930.7
2901 Prefabricated buildings	328.9	—	29.4	435.5	—	36.4	471.9
2902 Furniture	3,185.7	42.6	2,270.4	3,600.3	45.4	2,298.7	5,944.4
2903 Other manufacturing	1,535.6	285.4	1,849.7	3,670.7	404.5	5,201.5	5,201.5
3601 Electricity	4,281.9	6.7	—	4,288.6	27.3	—	17,399.4
3602 Gas	865.1	100.9	—	966.0	298.5	—	2,827.8
1701 Water, sewerage and drainage	185.5	-0.1	—	185.4	70.8	—	9,447.9
4101 Residential building	20,377.3	—	—	20,377.3	—	—	4,249.3
4102 Other construction	25,522.0	—	—	25,522.0	—	—	12,626.9
4501 Wholesale trade	16,938.6	—	—	16,938.6	—	—	3,850.5
5101 Retail trade	33,824.8	—	-16,903.7	34.9	—	-10,096.1	3,085.1
5401 Mechanical repairs	6,041.3	—	-33,824.8	6,041.3	—	-34,216.5	737.2
5402 Other repairs	1,256.6	—	—	1,256.6	—	—	9,447.9
5701 Accommodation, cafes & restaurants	12,994.9	492.1	-4,089.0	16,314.5	502.1	-4,189.8	4,249.3
6101 Road transport	3,793.5	-659.8	-3,757.1	1,954.8	-869.8	-10,096.1	3,850.5
6201 Rail, pipeline, other transp.	2,078.5	-838.8	-2,031.3	923.4	—	-3,085.1	1,037.3
6301 Water transport	7,431.5	-41.7	-224.5	4,189.8	-41.7	-815.2	3,332.9
6401 Air and space transport	5,680.3	1.6	-259.0	11,495.7	2.9	-119.6	11,053.3
6601 Services to transport, storage	5,236.6	—	-266.2	5,415.7	14.2	-441.4	10,623.0
7101 Communications services	3,411.5	556.5	—	3,968.0	1,088.8	—	15,779.2
7301 Non-bank finance	902.8	27.5	—	930.3	394.2	—	17,784.0
7302 Financial asset investors	5,038.2	33.9	-31.0	2,362.9	549.1	-68.7	2,362.9
7401 Insurance	520.3	—	—	520.3	—	—	8,832.9
7501 Services to finance etc	46,164.8	—	—	46,164.8	—	—	6,490.1
7701 Ownership of dwellings	2,804.5	—	—	2,804.5	—	—	46,164.8
7801 Other property services	1,839.2	—	—	1,839.2	—	—	17,336.9
7802 Scientific research etc	3,415.0	—	—	3,415.0	—	—	14,475.8
7803 Legal, accounting etc services	905.3	—	—	905.3	—	—	21,583.7
8101 Other business services	22,166.0	—	—	22,166.0	—	—	6,359.2
8201 Government administration	8,964.0	—	—	8,964.0	—	—	28,718.5
8401 Education	22,574.9	—	—	22,574.9	—	—	8,964.0
8601 Health services	5,092.4	—	—	5,092.4	—	—	22,840.7
8701 Community services	941.4	-0.1	—	941.2	91.3	—	28,718.5
9101 Motion picture, radio etc	1,544.3	—	107.6	1,652.0	—	—	8,964.0
9201 Libraries, museums, arts	6,549.5	1,235.4	—	7,785.0	1,235.4	—	22,840.7
9301 Sport, gambling etc	4,415.6	1.3	—	4,416.9	2.0	—	28,615.5
9501 Personal services	6,027.5	—	—	6,027.5	—	—	5,160.4
9601 Other services	458,134.9	16,376.4	-1,059.3	473,451.9	24,973.6	-1,311.6	813,873.3
T1 Intermediate Usage	—	—	—	790,211.4	—	—	190,348.0
P1 Wages, salaries, supps	—	—	—	190,348.0	—	—	190,348.0
P2 Gross operating surplus	16,403.7	-16,403.7	—	168,168.6	-25,000.9	—	168,168.6
P3 Commodity taxes (net)	2,166.0	—	—	25,000.9	—	—	—
P4 Indirect taxes nec (net)	913.2	—	808.0	17,856.9	—	—	—
P5 Sales by final buyers	-1,733.8	27.3	103.3	185.1	27.3	134.9	1,030.7
P6A Complementary imports c/f	—	—	—	—	—	—	337.3
P7A Duty on P6A	—	—	—	—	—	—	—
T2 Australian Production	474,057.6	—	-156.0	1,191,770.9	—	-156.0	1,191,614.9
P6B Competing imports c/f	8,514.1	—	156.0	78,095.0	—	156.0	78,251.0
P7B Duty on P6B	—	—	—	2,917.2	—	—	2,917.2
T3 Total Usage	482,571.8	—	—	1,272,783.1	—	—	1,272,783.1

TABLE 4. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93
DIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES
(\$ million)

FROM INDUSTRY	1	2	3	4	5	6	7	8	9	10	11	12
1 Agriculture; hunting	1,811.7	2.8	1.8	7,655.2	2,370.7	524.2	955.1	44.6	0.3	5.2	0.5	56.4
2 Forestry and fishing	20.7	97.2	46.3	6.6	209.0	1.4	0.5	1.5	273.8	202.3	0.2	2.8
3 Mining	15.6	1.0	2,054.4	61.9	40.7	10.1	8.2	1.5	4.1	60.7	3,985.4	155.0
4 Meat and dairy products	159.3	6.2	5.1	1,224.9	385.0	7.0	4.5	177.6	1.7	10.5	0.4	120.9
5 Other food products	662.4	141.9	21.1	88.6	2,274.3	198.2	5.7	1.4	0.8	53.3	1.2	147.9
6 Beverages and tobacco products	48.9	3.3	18.5	8.8	2.3	313.2	0.4	0.1	0.7	5.6	0.6	5.6
7 Textiles	36.2	15.0	8.1	4.2	6.6	9.0	503.6	844.0	10.2	29.9	2.2	1.3
8 Clothing and footwear	3.4	2.9	13.3	5.4	6.5	0.7	10.9	484.7	0.6	13.7	0.6	7.7
9 Wood and wood products	11.6	2.6	20.3	0.2	0.5	1.3	2.7	1.6	1,194.5	9.5	4.5	12.1
10 Paper, printing and publishing	133.7	3.7	84.6	153.9	462.0	314.9	40.2	122.3	47.6	1,897.1	16.5	258.4
11 Petroleum and coal products	632.4	171.5	552.6	62.3	131.0	34.9	8.6	5.2	33.1	76.1	220.7	169.4
12 Chemicals	1,248.1	17.6	435.5	17.2	85.1	32.8	73.8	42.9	114.1	249.5	189.6	2,261.2
13 Rubber and plastic products	15.0	25.5	161.3	144.8	464.3	220.9	36.7	37.3	23.9	244.3	17.0	330.4
14 Non-metallic mineral products	2.8	178.3	71.5	4.3	114.1	219.4	1.7	0.2	79.1	9.1	0.5	79.8
15 Basic metals and products	2.0	12.6	193.3	0.8	43.9	23.6	9.2	1.2	32.3	39.4	14.6	226.1
16 Fabricated metal products	26.8	21.1	329.9	29.2	359.2	525.4	14.7	5.6	95.1	44.7	3.8	235.7
17 Transport equipment	30.5	50.5	51.3	1.9	2.7	1.2	0.4	2.1	1.5	5.5	3.7	2.1
18 Other machinery and equipment	137.4	40.9	546.0	5.3	41.9	13.8	4.4	3.3	14.9	111.0	8.0	16.0
19 Miscellaneous manufacturing	2.6	23.8	10.3	2.7	14.4	51.7	5.9	8.4	6.3	16.2	0.9	16.3
20 Electricity, gas and water	548.7	14.1	1,078.4	168.4	221.1	74.2	38.5	30.5	50.0	223.0	19.2	239.1
21 Construction	137.3	0.3	231.1	1.4	4.1	1.9	1.2	0.5	3.2	8.1	1.6	3.2
22 Wholesale trade	589.2	153.9	601.3	582.1	872.4	366.4	322.0	220.9	325.4	550.5	221.7	659.6
23 Retail trade	1.7	6.6	9.9	2.0	18.6	2.0	3.7	0.9	17.7	90.4	44.6	36.6
24 Repairs	541.6	89.0	326.4	25.8	78.8	33.9	1.8	0.4	14.8	120.4	7.7	23.1
25 Accommodation, cafes & restaurants	79.8	5.4	74.7	12.3	59.6	45.9	16.6	7.7	134.7	134.7	13.0	60.6
26 Transport and storage	903.9	62.8	798.1	824.7	689.1	169.4	95.6	78.6	325.1	397.8	507.2	287.0
27 Communication services	174.7	10.0	204.3	64.5	111.8	29.1	30.0	48.0	25.7	174.0	10.3	156.6
28 Finance and insurance	526.1	53.3	935.2	248.1	291.1	149.7	56.9	80.5	80.1	443.6	138.0	208.1
29 Ownership of dwellings	...	...	...	...	...	...	...	...	...	...	...	...
30 Property and business services	833.8	20.3	1,723.0	334.5	702.7	195.7	151.7	149.0	82.9	573.4	29.2	593.8
31 Government administration	103.8	6.4	28.8	32.2	65.5	20.8	6.0	0.9	13.6	194.2	45.1	35.8
32 Education	0.5	0.2	46.3	...	0.5	1.0	0.3	...	0.4	0.8	0.2	0.9
33 Health and community services	65.6	2.1	5.2	53.8	1.9	11.6	0.3	27.7	8.2	60.9	1.3	76.0
34 Cultural and recreational services	14.9	0.6	31.1	4.2	30.9	44.8	8.0	7.1	1.6	176.1	0.8	58.1
35 Personal and other services	32.7	6.3	33.0	59.6	66.5	22.5	5.6	39.2	20.8	154.7	8.2	133.1
T1 Intermediate Usage	9,555.1	1,249.4	10,751.7	11,891.9	10,248.8	3,672.5	2,425.5	2,475.6	2,919.0	6,385.9	5,519.0	6,676.7
P1 Wages, salaries, supps	2,321.0	678.0	4,418.5	1,852.0	2,448.0	784.8	772.1	1,302.3	1,100.1	3,727.1	297.3	1,826.4
P2 Gross operating surplus	8,539.8	441.0	14,029.1	1,155.0	1,699.7	1,229.6	279.7	411.9	556.2	2,457.4	698.0	1,910.5
P3 Commodity taxes (net)	249.1	43.7	-56.0	158.8	189.8	111.2	74.8	-0.3	29.6	344.8	99.4	167.8
P4 Indirect taxes nec (net)	595.1	101.3	244.7	126.2	172.7	68.9	35.1	25.2	39.8	238.2	55.5	110.0
P5 Sales by final buyers	...	...	...	...	...	...	...	...	...	...	...	...
P6A Complementary imports cif	53.0	6.5	74.2	36.8	107.3	14.9	10.0	13.0	12.2	36.4	24.8	118.1
P7A Duty on P6A	...	...	...	...	...	...	...	...	...	...	...	...
P6B Competing imports cif	824.6	197.4	1,536.2	160.4	751.0	329.6	548.6	1,136.3	448.7	2,012.0	3,672.5	2,290.1
P7B Duty on P6B	14.0	8.3	43.1	5.6	28.2	10.7	15.8	62.7	11.1	70.8	6.7	39.7
T2 Australian Production	22,151.6	2,725.7	31,047.2	15,386.7	15,645.4	6,222.3	4,164.8	5,426.5	5,116.8	15,300.7	10,373.3	13,139.3

TABLE 4. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93—continued
DIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES
(\$ million)

FROM INDUSTRY	FOR INDUSTRY	13	14	15	16	17	18	19	20	21	22	23	24
1	Agriculture; hunting	49.0	1.5	1.2	4.1	2.9	13.0	48.8	0.9	5.1	2.2	4.1	1.7
2	Forestry and fishing	2.7	11.7	26.4	1.2	2.1	0.8	1.2	0.6	16.8	0.2	0.2	0.1
3	Mining	4.4	776.8	2,826.3	84.0	16.2	27.2	162.4	2,125.0	331.7	6.4	11.7	0.4
4	Meat and dairy products	1.7	1.6	2.3	5.3	9.6	2.2	8.7	3.8	27.1	14.9	31.6	5.5
5	Other food products	2.0	1.8	1.5	2.2	7.9	3.5	2.1	3.0	5.0	7.8	12.7	2.4
6	Beverages and tobacco products	0.5	1.0	1.1	1.3	7.8	0.7	0.7	1.9	4.8	7.5	9.2	2.4
7	Textiles	64.5	2.8	22.3	32.7	29.2	13.1	79.4	1.0	76.5	14.2	8.2	3.9
8	Clothing and footwear	5.7	2.1	3.9	29.4	7.2	11.4	37.2	1.4	7.7	12.9	21.8	13.4
9	Wood and wood products	18.7	9.4	14.5	72.0	112.1	19.4	483.1	9.5	1,831.7	71.7	114.1	0.2
10	Paper, printing and publishing	232.5	152.5	36.2	139.6	250.9	231.0	86.1	28.9	60.4	794.9	1,794.6	30.9
11	Petroleum and coal products	15.6	76.3	372.8	32.9	27.1	23.5	11.6	229.4	215.0	216.0	182.9	76.2
12	Chemicals	846.6	147.7	273.6	144.8	338.0	286.0	92.2	86.0	407.9	26.0	9.4	33.4
13	Rubber and plastic products	448.1	30.8	53.6	99.3	219.6	394.4	175.4	58.8	157.7	161.9	50.2	15.4
14	Non-metallic mineral products	38.6	914.0	147.4	91.2	119.6	78.9	41.0	113.8	4,227.6	114.8	22.0	24.2
15	Basic metals and products	55.3	95.7	3,036.0	2,230.7	1,417.2	1,629.6	439.7	18.8	821.7	33.4	4.3	1.8
16	Fabricated metal products	36.1	128.2	101.5	1,821.6	850.9	412.7	244.9	111.2	2,465.9	88.0	133.4	22.5
17	Transport equipment	1.2	2.2	4.2	6.8	1,020.7	30.4	32.3	2.5	35.5	168.4	296.6	1,289.2
18	Other machinery and equipment	12.3	19.7	42.3	63.2	276.6	1,275.0	35.9	140.5	2,392.0	87.9	252.8	187.5
19	Miscellaneous manufacturing	14.9	5.8	29.0	81.3	87.5	47.0	46.7	7.3	76.3	51.8	154.7	3.0
20	Electricity, gas and water	87.1	352.9	830.8	76.3	140.6	87.0	25.2	6,274.8	128.4	205.2	255.8	179.4
21	Construction	1.6	7.6	5.3	2.7	5.7	2.9	1.0	59.3	36.5	26.1	18.4	4.6
22	Wholesale trade	259.4	168.4	531.7	320.0	548.4	1,098.4	323.1	164.5	1,479.5	426.4	250.0	982.6
23	Retail trade	11.1	15.6	12.1	59.7	27.8	92.1	45.1	2.0	100.0	23.1	141.3	0.9
24	Repairs	8.3	19.5	15.3	27.0	19.7	25.5	6.6	77.6	223.3	344.4	1,210.4	14.1
25	Accommodation, cafes & restaurants	28.6	20.8	40.2	50.4	101.5	51.1	21.2	31.8	95.9	299.3	163.8	7.1
26	Transport and storage	82.7	782.9	690.5	224.2	259.5	234.0	136.3	537.3	1,337.0	1,298.6	393.3	90.2
27	Communication services	78.6	59.6	60.4	110.4	118.6	111.1	36.4	62.2	63.0	590.7	1,110.3	95.8
28	Finance and insurance	98.2	112.5	558.8	221.9	469.6	235.7	94.7	400.4	1,974.1	1,045.9	1,185.6	171.3
29	Ownership of dwellings	274.9	290.9	966.5	373.9	896.4	346.3	124.0	400.9	3,064.1	3,467.3	5,404.7	171.3
30	Property and business services	12.4	14.2	48.1	41.6	88.4	25.2	13.3	38.4	209.4	83.6	174.5	46.9
31	Government administration	2.4	0.6	0.1	0.4	1.4	0.2	0.1	18.1	0.8	6.3	6.6	2.0
32	Education	0.6	1.7	1.4	1.0	27.1	3.5	1.5	1.6	9.4	9.9	15.7	2.1
33	Health and community services	18.1	10.1	7.1	12.2	42.4	14.9	6.2	3.4	4.8	163.7	298.3	1.8
34	Cultural and recreational services	72.5	40.6	9.5	95.0	117.8	95.0	33.8	14.6	32.7	34.9	89.6	11.0
35	Personal and other services	2,886.9	4,279.5	10,773.9	6,560.1	7,668.3	6,922.7	2,897.9	11,031.0	21,925.2	9,906.2	13,832.8	3,495.1
T1	Intermediate Usage	1,294.3	1,406.8	2,631.8	2,582.5	2,852.5	3,779.9	1,242.0	3,832.0	11,195.8	12,099.3	12,382.4	3,206.2
P1	Wages, salaries, supps	786.6	1,222.4	2,198.8	1,398.3	532.9	1,946.8	354.3	9,576.5	11,715.3	9,413.4	6,330.4	4,583.6
P2	Gross operating surplus	39.8	91.7	218.4	72.4	136.5	236.4	50.0	286.4	441.9	454.7	547.3	420.6
P3	Commodity taxes (net)	90.4	110.0	175.2	142.1	121.6	207.5	39.7	21.0	578.5	1,236.5	1,106.4	341.4
P4	Indirect taxes nec (net)	0.5	4.9	793.6	18.7	13.8	10.1	—	—	1.2	—	—	—
P5	Sales by final buyers	60.5	18.2	45.2	28.1	34.6	38.9	12.6	60.3	119.1	81.3	82.9	32.2
P6A	Complementary imports cif	—	—	—	—	—	—	—	—	—	—	—	—
P7A	Duty on P6A	—	—	—	—	—	—	—	—	—	—	—	—
P6B	Competing imports cif	920.6	462.5	2,062.8	908.8	2,893.9	2,761.3	655.3	397.6	2,464.6	822.2	658.5	1,062.1
P7B	Duty on P6B	44.0	12.5	18.9	37.3	139.7	110.8	30.8	12.1	118.9	19.6	13.1	37.6
T2	Australian Production	6,123.6	7,608.4	18,918.7	11,748.1	14,393.9	16,014.3	5,282.5	25,216.8	48,560.3	34,033.2	34,953.7	13,178.8

TABLE 4. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93 - continued
 DIRECT ALLOCATION OF COMPETING IMPORTS. BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS. 35 INDUSTRIES
 (\$ million)

	25	26	27	28	29	30	31	32	33	34	35
FROM INDUSTRY											
FOR INDUSTRY											
1 Agriculture, hunting	416.1	32.5	0.3	16.1	—	14.4	67.2	0.6	16.8	172.5	21.7
2 Forestry and fishing	472.0	17.0	1.1	5.7	—	2.1	9.6	0.1	3.3	0.4	3.3
3 Mining	21.3	22.5	7.0	4.1	29.9	14.6	55.8	1.2	24.7	65.1	17.2
4 Meat and dairy products	1,018.6	15.1	11.1	46.3	0.6	61.0	55.4	9.9	62.9	9.5	41.5
5 Other food products	564.8	13.3	4.7	31.5	1.8	21.6	88.1	5.8	50.1	52.1	21.4
6 Beverages and tobacco products	4.2	3.2	2.5	47.7	0.1	7.2	57.2	1.6	9.4	2.4	2.6
7 Textiles	102.6	35.1	2.7	45.5	0.9	14.6	37.6	3.7	40.3	5.3	27.5
8 Clothing and footwear	9.0	11.8	4.5	4.1	0.4	44.1	80.6	4.8	120.1	13.8	53.6
9 Wood and wood products	7.3	16.2	30.7	4.3	234.6	7.4	78.5	63.3	5.3	24.1	75.2
10 Paper, printing and publishing	261.5	203.7	128.6	714.4	14.1	1,457.6	1,378.6	237.1	226.9	301.3	379.9
11 Petroleum and coal products	19.9	2,055.0	121.0	31.9	16.7	410.3	147.7	0.7	155.6	40.9	232.8
12 Chemicals	96.7	45.5	5.4	41.5	99.4	256.8	151.6	6.8	898.8	167.5	183.0
13 Rubber and plastic products	136.7	292.3	116.5	14.1	84.0	37.2	200.3	3.9	80.9	15.4	77.0
14 Non-metallic mineral products	30.8	8.4	1.6	6.5	303.0	19.0	62.8	3.3	45.4	2.4	111.8
15 Basic metals and products	2.4	7.1	2.2	0.4	177.9	6.1	41.1	0.8	6.5	5.9	15.4
16 Fabricated metal products	40.9	249.7	105.8	17.3	326.6	36.6	218.8	37.3	76.2	85.4	27.1
17 Transport equipment	7.7	1,438.3	71.1	18.8	2.4	35.9	741.8	1.2	20.2	25.2	24.8
18 Other machinery and equipment	32.5	104.0	386.2	78.4	50.9	229.0	353.9	40.2	177.5	191.0	77.2
19 Miscellaneous manufacturing	27.6	53.7	50.4	34.3	46.4	27.2	57.0	37.6	37.2	26.1	22.8
20 Electricity, gas and water	474.6	466.9	111.6	237.7	2,533.0	1,939.4	1,174.3	59.9	1,028.0	222.4	252.0
21 Construction	298.1	227.7	4.9	34.2	1,103.9	91.7	656.3	4.9	39.8	9.3	16.1
22 Wholesale trade	357.5	1,118.4	373.8	258.6	235.9	592.8	660.5	182.4	610.8	364.1	322.1
23 Retail trade	6.2	25.8	18.1	101.2	49.4	4.7	18.1	2.8	3.8	31.0	102.3
24 Repairs	108.9	1,178.5	267.9	264.0	14.2	272.2	119.8	14.7	167.7	193.5	135.1
25 Accommodation, cafes & restaurants	6.3	613.1	52.4	239.2	0.2	263.5	241.1	37.8	163.7	90.4	154.2
26 Transport and storage	312.6	1,972.9	551.9	415.4	74.6	949.9	1,308.8	102.8	488.5	365.0	295.9
27 Communication services	181.2	675.6	977.8	856.9	7.9	2,019.5	1,000.9	94.6	526.2	347.1	304.2
28 Finance and insurance	463.4	726.4	205.2	6,887.3	5,743.1	2,260.5	2,139.6	379.3	1,038.0	440.1	225.9
29 Ownership of dwellings	—	—	—	—	—	—	—	—	—	—	—
30 Property and business services	1,702.0	3,098.4	189.9	3,123.6	584.6	7,781.8	3,528.8	140.7	1,978.7	1,384.2	739.0
31 Government administration	9.4	93.9	101.4	137.5	12.7	285.5	4,257.2	78.4	150.2	32.1	45.2
32 Education	10.0	27.8	4.4	17.5	0.3	18.8	43.8	3.2	20.1	4.5	15.6
33 Health and community services	4.0	4.3	6.8	32.0	—	24.4	50.7	9.1	145.3	70.7	36.3
34 Cultural and recreational services	231.6	48.4	10.5	302.3	0.1	1,222.7	210.0	43.4	47.1	1,716.0	78.7
35 Personal and other services	45.9	70.7	13.2	134.5	5.2	405.0	178.2	9.9	154.0	35.6	135.6
T1 Intermediate Usage	7,484.1	14,973.4	3,943.3	14,204.8	11,754.8	20,835.0	19,471.6	1,623.6	8,619.7	6,512.2	4,274.1
P1 Wages, salaries, supps	5,513.0	9,348.0	4,601.0	11,679.5	—	17,702.5	14,282.6	18,658.0	19,046.5	3,238.0	6,246.0
P2 Gross operating surplus	2,411.6	11,764.7	5,562.0	11,399.7	31,037.2	11,997.1	1,493.0	1,652.1	3,876.9	2,252.0	1,255.2
P3 Commodity taxes (net)	75.4	1,756.6	225.0	265.1	400.3	659.8	-10.3	20.0	356.1	177.6	262.7
P4 Indirect taxes nec (net)	177.9	1,690.7	418.0	1,934.5	2,524.1	1,291.6	46.2	338.9	440.3	654.2	191.2
P5 Sales by final buyers	—	—	—	—	—	—	—	—	—	—	—
P6A Complementary imports cif	38.8	100.2	37.1	95.8	—	129.6	199.7	1.1	14.3	18.1	30.2
P7A Duty on P6A	—	—	—	—	—	—	—	—	—	—	—
P6B Competing imports cif	528.9	2,268.2	713.7	485.7	425.0	1,603.3	2,134.1	279.6	1,288.9	958.6	566.3
P7B Duty on P6B	23.4	27.0	22.0	8.5	23.4	26.7	65.5	5.1	45.4	22.2	18.5
T2 Australian Production	16,253.1	41,928.8	15,522.1	40,073.5	46,164.8	54,245.6	37,682.5	22,631.8	33,768.1	13,866.2	12,844.3

TABLE 4. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93 - continued
 DIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES
 (\$ million)

FOR USE	Intermediate Usage			Final Cons Expenditure			Gross Fixed Capital Expenditure			Increase in Stocks			Exports	Final Demand (Q1-Q7)	Total Supply
	T4	Private	Govt	Q1	Q2	Q3	Private	Enterprise	General	Q6	Q7	Q5				T5	T6
FROM INDUSTRY															
1 Agriculture; hunting	14,321.1	2,766.7	113.3							191.8	4,758.8		7,830.5	22,151.6	
2 Forestry and fishing	1,440.9	751.0	283.8			62.9		14.6		-60.8	233.3		1,284.8	2,725.7	
3 Mining	13,034.4	131.0	85.3			95.3		14.8		-63.3	17,714.2		18,012.8	31,047.2	
4 Meat and dairy products	3,549.2	7,264.1	0.1			9.5		2.2		-582.8	5,138.6		11,837.4	15,386.7	
5 Other food products	4,503.9	8,650.4	0.7			33.5		18.4		-672.7	3,064.6		11,141.4	15,645.4	
6 Beverages and tobacco products	604.9	5,514.2				7.3		1.4		340.2	430.3		5,617.4	6,222.3	
7 Textiles	2,133.8	787.6				82.0		41.0		73.2	1,019.6		2,031.0	4,164.8	
8 Clothing and footwear	1,051.1	3,610.3				5.5		2.1		253.8	502.0		4,375.4	5,426.5	
9 Wood and wood products	4,564.4	2.4				83.9		23.8		-29.5	437.6		5,116.8	5,116.8	
10 Paper, printing and publishing	12,676.9	1,751.3	53.7			65.7		42.1		256.4	427.5		2,623.9	15,300.7	
11 Petroleum and coal products	6,809.8	2,749.0				24.9		12.6		-133.3	886.5		3,563.5	10,373.3	
12 Chemicals	9,411.8	1,942.0	0.1			20.8		1.0		316.0	1,444.9		3,727.5	13,139.3	
13 Rubber and plastic products	4,644.6	947.0				40.4		2.4		178.5	305.2		1,478.9	6,123.6	
14 Non-metallic mineral products	7,288.7	78.3	0.5			63.1		3.8		32.1	203.0		319.6	7,608.4	
15 Basic metals and products	10,649.1	43.6				195.8		13.6		-128.0	8,102.6		8,269.6	18,918.7	
16 Fabricated metal products	9,329.9	198.4				1,482.4		49.2		183.7	468.6		2,418.2	11,748.1	
17 Transport equipment	5,429.3	1,886.4	0.3			4,511.0		244.0		-120.1	1,855.9		8,964.6	14,393.9	
18 Other machinery and equipment	7,449.0	1,393.2	0.5			3,967.3		230.2		67.4	2,524.4		8,565.3	16,014.3	
19 Miscellaneous manufacturing	1,185.1	1,697.8				1,449.2		189.0		176.0	494.1		4,097.4	5,282.5	
20 Electricity, gas and water	19,848.0	5,161.8	172.2							-0.5	35.4		5,368.8	25,216.8	
21 Construction	3,052.7	3.6	1,612.1			29,515.6		6,812.0		-0.3	75.3		45,507.6	48,560.3	
22 Wholesale trade	17,094.6	6,879.1	30.5			4,906.2		761.7		185.3	3,499.2		16,938.6	34,033.2	
23 Retail trade	1,128.9	33,497.9				326.9							33,824.8	34,953.7	
24 Repairs	5,992.2	7,160.4									26.2		7,186.6	13,178.8	
25 Accommodation, cafes & restaurants	3,299.1	12,954.0											12,954.0	16,253.1	
26 Transport and storage	18,044.0	9,813.3	3,564.3			494.2		61.8		-4.3	9,902.2		23,884.8	41,928.8	
27 Communication services	10,528.0	4,213.9	11.3								768.8		15,522.1	15,522.1	
28 Finance and insurance	30,288.1	9,159.4	185.0			1.7		0.3		-0.1	438.9		9,785.4	40,073.5	
29 Ownership of dwellings		46,187.0	-22.2										46,164.8	46,164.8	
30 Property and business services	45,423.1	2,798.1	1,715.9			2,629.5		0.5			1,677.2		8,822.5	54,245.6	
31 Government administration	6,552.4	595.1	30,241.5			159.0					134.4		31,130.0	37,682.5	
32 Education	255.9	5,108.0	16,434.3								833.6		22,375.9	22,631.8	
33 Health and community services	773.7	18,358.6	14,618.8								17.1		32,994.5	33,768.1	
34 Cultural and recreational services	4,871.7	6,804.5	2,091.6			38.3					60.2		8,994.5	13,866.2	
35 Personal and other services	2,416.7	5,691.2	4,731.2								5.2		10,427.5	12,844.3	
T1 Intermediate Usage	289,647.1	216,573.5	75,924.9			50,271.6		9,554.2		-285.9	67,485.6		428,066.2	717,713.3	
P1 Wages, salaries, supps	190,348.0													190,348.0	
P2 Gross operating surplus	168,168.6													168,168.6	
P3 Commodity taxes (net)	8,597.2	13,866.5				1,807.6		55.1		-105.1	741.8		16,403.7	25,000.9	
P4 Indirect taxes nec (net)	15,690.9					2,166.0				1.3	148.8		2,166.0	17,856.9	
P5 Sales by final buyers	913.2	3,561.0				-2,074.6		-964.9					-913.2		
P6A Complementary imports cif	1,918.9	-1,759.9				26.5		0.3		-0.7			-1,733.8	185.1	
P7A Duty on P6A															
P6B Competing imports cif	41,229.6	14,083.1				10,409.0		1,511.3		330.5	8,514.1		36,865.3	78,095.0	
P7B Duty on P6B	1,199.7	992.8				564.8		54.9		47.4			1,717.5	2,917.2	
T2 Australian Production	717,713.3	247,317.0	75,924.9			63,170.9		10,082.0		-12.4	76,890.4		482,571.8	1,200,285.1	

TABLE 6. TOTAL REQUIREMENTS COEFFICIENTS 1992-93
DIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES

FROM INDUSTRY	FOR INDUSTRY											
	1	2	3	4	5	6	7	8	9	10	11	12
1 Agriculture; hunting	110.377	1.766	0.190	59.909	21.578	10.930	29.086	8.226	0.439	0.531	0.175	1.760
2 Forestry and fishing	0.235	103.879	0.222	0.233	1.792	0.290	0.149	0.137	7.337	1.653	0.117	0.171
3 Mining	2.473	4.668	109.054	2.508	2.419	2.614	1.591	0.825	2.169	1.587	43.141	3.680
4 Meat and dairy products	1.138	0.547	0.118	109.342	3.485	0.512	0.558	4.102	0.226	0.278	0.111	1.394
5 Other food products	4.063	6.486	0.187	2.991	118.049	4.493	1.355	0.481	0.619	0.722	0.149	1.779
6 Beverages and tobacco products	0.283	0.165	0.083	0.230	0.254	105.356	0.099	0.039	0.049	0.067	0.047	0.081
7 Textiles	0.272	0.777	0.100	0.238	0.254	0.391	113.944	19.520	0.436	0.370	0.090	0.149
8 Clothing and footwear	0.059	0.172	0.082	0.097	0.119	0.103	0.372	109.900	0.073	0.157	0.051	0.132
9 Wood and wood products	0.197	0.379	0.211	0.167	0.193	0.367	0.246	0.165	130.627	0.212	0.178	0.296
10 Paper, printing and publishing	1.848	1.504	1.131	2.826	5.514	7.774	2.585	3.943	2.530	115.247	1.001	3.932
11 Petroleum and coal products	3.979	7.495	2.487	3.137	2.640	1.811	1.752	0.870	2.292	1.253	103.546	2.357
12 Chemicals	8.061	2.063	2.366	4.950	3.539	3.058	5.017	2.545	4.299	3.039	3.344	122.081
13 Rubber and plastic products	0.700	1.723	0.913	1.697	4.342	4.793	1.555	1.355	1.222	2.328	0.710	3.704
14 Non-metallic mineral products	0.324	7.993	0.530	0.310	1.373	4.610	0.275	0.157	3.058	0.373	0.277	1.082
15 Basic metals and products	0.696	1.970	1.678	0.630	1.693	3.564	0.863	0.417	2.246	0.910	1.013	3.455
16 Fabricated metal products	0.808	1.894	1.751	0.903	3.766	11.236	0.953	0.507	3.459	0.796	0.904	2.999
17 Transport equipment	0.815	2.788	0.559	0.822	0.709	0.546	0.498	0.304	0.824	0.504	0.543	0.386
18 Other machinery and equipment	1.139	2.155	2.373	0.849	0.958	0.834	0.657	0.406	0.888	1.265	1.120	0.586
19 Miscellaneous manufacturing	4.939	2.537	6.004	4.933	4.609	4.040	3.573	2.283	0.331	0.212	0.080	0.251
20 Electricity, gas and water	0.809	0.152	0.893	0.532	0.320	0.248	0.327	0.143	3.183	3.415	3.013	4.554
21 Construction	4.820	8.206	3.262	7.492	9.216	8.930	11.002	7.333	10.357	5.506	3.994	7.702
22 Wholesale trade	0.112	0.395	0.116	0.124	0.284	0.239	0.193	0.115	0.584	0.766	0.518	0.452
23 Retail trade	3.176	3.934	1.487	2.277	1.813	1.467	1.254	0.599	1.260	1.409	0.924	0.775
24 Repairs	0.738	0.586	0.509	0.733	0.998	1.319	0.920	0.544	0.840	1.318	0.494	0.934
25 Accommodation, cafes & restaurants	6.341	5.355	4.056	10.278	8.426	6.082	5.480	3.757	10.669	4.429	7.240	4.658
26 Transport and storage	1.894	1.379	1.572	2.119	2.392	1.972	2.163	2.062	1.797	2.377	1.103	2.647
27 Communication services	4.857	4.449	5.265	5.701	5.533	5.849	4.440	3.860	4.473	5.582	4.266	4.333
28 Finance and insurance												
29 Ownership of dwellings												
30 Property and business services	8.119	5.081	9.265	9.264	11.428	9.287	9.621	7.316	6.741	8.246	5.497	10.105
31 Government administration	0.838	0.569	0.308	0.851	1.011	0.854	0.581	0.309	0.666	1.842	0.698	0.663
32 Education	0.025	0.029	0.179	0.028	0.032	0.043	0.029	0.017	0.034	0.028	0.080	0.034
33 Health and community services	0.408	0.134	0.056	0.627	0.164	0.312	0.161	0.652	0.276	0.514	0.059	0.763
34 Cultural and recreational services	0.484	0.361	0.488	0.536	0.844	1.434	0.728	0.577	0.441	1.898	0.328	1.085
35 Personal and other services	0.439	0.534	0.317	0.793	0.909	0.861	0.452	1.050	0.817	1.394	0.289	1.525

TABLE 6. TOTAL REQUIREMENTS COEFFICIENTS 1992-93—continued
DIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES

FROM INDUSTRY	FOR INDUSTRY										
	25	26	27	28	29	30	31	32	33	34	35
1 Agriculture; hunting	7.713	0.371	0.177	0.357	0.084	0.322	0.677	0.086	0.422	1.929	0.748
2 Forestry and fishing	3.170	0.144	0.076	0.101	0.072	0.104	0.197	0.052	0.069	0.134	0.197
3 Mining	1.496	2.900	0.930	0.471	1.237	1.303	1.615	0.153	1.075	1.604	1.813
4 Meat and dairy products	7.102	0.218	0.154	0.260	0.056	0.254	0.359	0.078	0.343	0.271	0.550
5 Other food products	4.671	0.178	0.103	0.215	0.055	0.174	0.481	0.062	0.300	0.702	0.376
6 Beverages and tobacco products	0.078	0.026	0.029	0.162	0.025	0.035	0.208	0.013	0.045	0.046	0.040
7 Textiles	0.844	0.183	0.086	0.200	0.053	0.109	0.277	0.042	0.252	0.149	0.401
8 Clothing and footwear	0.114	0.070	0.061	0.063	0.018	0.134	0.315	0.033	0.420	0.172	0.500
9 Wood and wood products	0.269	0.214	0.384	0.086	0.835	0.113	0.548	0.404	0.099	0.380	0.882
10 Paper, printing and publishing	3.228	1.498	1.559	3.154	0.674	4.221	5.970	1.398	1.523	3.976	4.327
11 Petroleum and coal products	1.218	5.666	1.261	0.450	0.324	1.341	1.202	0.106	0.891	1.026	2.427
12 Chemicals	1.990	0.889	0.540	0.480	0.578	1.090	1.383	0.153	3.601	2.337	2.404
13 Rubber and plastic products	1.482	1.095	1.132	0.253	0.340	0.378	1.118	0.099	0.544	0.549	1.022
14 Non-metallic mineral products	0.822	0.252	0.137	0.112	1.098	0.183	0.618	0.055	0.288	0.197	1.169
15 Basic metals and products	0.604	1.038	0.872	0.227	0.917	0.355	1.201	0.145	0.420	0.823	0.648
16 Fabricated metal products	0.935	1.309	1.191	0.272	1.174	0.399	1.478	0.274	0.558	1.250	0.642
17 Transport equipment	0.523	4.350	0.988	0.322	0.115	0.394	2.799	0.077	0.305	0.718	0.602
18 Other machinery and equipment	0.808	0.744	3.083	0.550	0.441	0.937	1.764	0.270	0.837	2.146	1.037
19 Miscellaneous manufacturing	0.279	0.220	0.405	0.152	0.149	0.123	0.283	0.184	0.162	0.300	0.253
20 Electricity, gas and water	5.755	2.789	1.661	1.930	7.939	6.293	6.298	0.578	4.984	3.978	3.855
21 Construction	1.994	0.684	0.113	0.183	2.459	0.294	2.105	0.048	0.206	0.211	0.246
22 Wholesale trade	4.439	4.156	3.592	1.588	1.182	2.311	3.672	1.085	2.763	4.514	3.899
23 Retail trade	0.143	0.153	0.192	0.357	0.182	0.101	0.186	0.038	0.075	0.355	0.899
24 Repairs	1.461	3.285	2.127	1.108	0.295	1.009	0.969	0.164	0.807	2.139	1.520
25 Accommodation, cafes & restaurants	100.428	1.783	0.565	0.917	1.194	0.818	1.144	0.238	0.703	1.095	1.499
26 Transport and storage	4.428	106.346	4.716	2.149	1.109	3.250	5.814	0.767	2.496	4.624	3.877
27 Communication services	2.522	2.697	107.249	3.528	0.696	5.285	4.549	0.655	2.422	4.280	3.458
28 Finance and insurance	5.839	3.856	2.625	121.991	15.831	6.973	9.899	2.337	4.886	6.295	3.720
29 Ownership of dwellings				100.000							
30 Property and business services	15.852	11.498	3.448	12.391	3.978	119.334	15.985	1.436	8.831	16.215	9.485
31 Government administration	0.427	0.513	0.916	0.660	0.187	0.904	113.107	0.449	0.678	0.606	0.654
32 Education	0.085	0.088	0.042	0.066	0.019	0.060	0.158	100.018	0.076	0.060	0.142
33 Health and community services	0.133	0.052	0.071	0.136	0.028	0.112	0.228	0.054	100.482	0.647	0.348
34 Cultural and recreational services	2.221	0.583	0.278	1.461	0.276	3.248	1.386	0.313	0.519	114.740	1.137
35 Personal and other services	0.622	0.406	0.230	0.584	0.152	1.037	0.880	0.096	0.649	0.588	101.306

TABLE 7. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES

		(\$ million)											
		1	2	3	4	5	6	7	8	9	10	11	12
FROM INDUSTRY	FOR INDUSTRY												
1	Agriculture, hunting	1,856.5	2.8	2.0	7,663.6	2,408.1	603.6	960.0	46.0	0.3	5.5	0.5	58.7
2	Forestry and fishing	21.1	99.0	46.6	6.6	215.6	1.4	0.5	2.2	274.1	202.6	0.2	3.8
3	Mining	20.3	1.0	2,138.6	63.7	42.0	10.5	8.3	1.6	4.3	65.9	6,345.7	185.9
4	Meat and dairy products	166.8	6.2	5.7	1,256.5	398.4	8.1	4.6	180.6	1.8	11.4	0.4	123.3
5	Other food products	684.0	146.6	22.6	98.0	2,516.7	209.6	8.1	1.6	0.9	57.5	1.3	221.1
6	Beverages and tobacco products	55.2	3.6	20.0	10.3	24.1	322.8	0.4	0.1	0.8	6.4	0.7	6.4
7	Textiles	67.8	29.7	19.2	11.4	72.9	30.2	938.7	1,675.9	15.3	73.3	5.0	29.0
8	Clothing and footwear	12.2	7.3	24.6	7.9	7.7	0.9	15.1	705.1	0.8	19.6	0.8	8.7
9	Wood and wood products	14.9	8.0	27.7	0.3	0.6	1.9	3.3	2.5	1,512.7	10.2	5.6	15.9
10	Paper, printing and publishing	140.8	4.0	92.0	163.9	502.3	352.7	54.6	136.6	56.0	3,050.0	19.7	307.1
11	Petroleum and coal products	708.7	191.3	650.4	68.9	140.1	37.6	9.7	5.9	36.8	84.7	1,126.3	290.3
12	Chemicals	1,583.5	21.4	668.4	28.4	163.1	69.2	119.5	108.3	159.3	519.3	396.0	4,040.1
13	Rubber and plastic products	24.4	45.0	267.3	193.5	609.4	273.1	53.6	60.1	38.0	408.7	27.2	409.8
14	Non-metallic mineral products	3.5	178.7	75.9	5.5	122.0	237.7	2.0	0.3	90.5	9.9	0.8	87.8
15	Basic metals and products	2.2	13.5	252.1	1.0	47.2	25.3	10.9	2.0	38.1	51.4	15.2	239.5
16	Fabricated metal products	37.2	28.8	385.5	31.6	372.2	548.6	22.3	8.3	117.5	52.1	4.3	293.6
17	Transport equipment	42.7	62.2	95.2	2.0	2.9	1.3	0.4	0.4	1.6	5.5	3.7	2.1
18	Other machinery and equipment	258.9	99.6	1,092.9	8.7	87.0	25.9	10.5	12.0	27.0	387.3	14.7	27.4
19	Miscellaneous manufacturing	5.5	68.7	13.7	2.9	19.3	53.1	12.6	21.1	7.1	27.9	1.6	20.0
20	Electricity, gas and water	549.2	14.1	1,078.9	168.5	221.3	74.3	38.5	30.5	50.0	223.1	19.2	239.2
21	Construction	138.4	0.3	231.1	1.5	4.1	1.9	1.2	0.5	3.2	8.1	1.6	3.2
22	Wholesale trade	589.7	154.0	601.3	582.9	873.7	367.0	322.1	221.0	325.4	550.5	221.7	659.7
23	Retail trade	1.7	6.6	9.9	2.0	18.6	2.0	3.7	0.9	17.7	90.4	44.6	36.6
24	Repairs	543.0	89.0	328.8	25.9	79.2	34.0	1.8	0.4	14.8	120.7	7.8	23.3
25	Accommodation, cafes & restaurants	80.2	5.4	74.9	12.4	59.7	46.0	16.7	7.7	15.2	135.6	13.0	60.9
26	Transport and storage	932.9	66.8	971.9	826.1	703.6	173.4	100.5	79.3	327.9	424.4	683.8	301.1
27	Communication services	176.7	10.2	209.0	68.1	115.8	30.3	31.7	50.5	27.4	182.3	11.1	165.0
28	Finance and insurance	573.3	55.2	961.4	249.2	297.5	163.4	57.3	81.7	81.9	462.5	139.5	212.7
29	Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-
30	Property and business services	885.0	20.8	1,817.5	346.9	737.2	206.5	160.8	156.4	87.3	608.3	30.7	630.2
31	Government administration	103.8	6.4	28.8	32.2	65.5	20.8	6.0	0.9	13.6	194.2	45.1	35.8
32	Education	0.5	0.2	48.1	-	0.5	1.0	0.3	-	0.4	0.8	0.2	0.9
33	Health and community services	65.6	2.1	5.2	53.9	1.9	11.6	0.3	27.7	8.2	60.9	1.3	76.0
34	Cultural and recreational services	14.9	0.6	31.1	4.2	31.3	44.9	8.0	7.2	1.6	203.0	0.8	58.1
35	Personal and other services	32.7	6.4	33.0	59.6	66.5	22.5	5.6	39.2	20.8	154.7	8.2	133.1
T1	Intermediate Usage	10,393.7	1,455.2	12,331.1	12,057.9	11,027.9	4,012.9	2,989.9	3,674.6	3,378.8	8,468.6	9,198.2	9,006.5
P1	Wages, salaries, supps	2,321.0	678.0	4,418.5	1,852.0	2,448.0	784.8	772.1	1,302.3	1,100.1	3,727.1	297.3	1,826.4
P2	Gross operating surplus	8,539.8	441.0	14,029.1	1,155.0	1,699.7	1,229.6	279.7	411.9	556.2	2,457.4	698.0	1,910.5
P3	Commodity taxes (net)	249.1	43.7	-56.0	158.8	189.8	111.2	74.8	-0.3	29.6	344.8	99.4	167.8
P4	Indirect taxes nec (net)	595.1	101.3	244.7	126.2	172.7	68.9	35.1	25.2	39.8	238.2	55.5	110.0
P5	Sales by final buyers	-	-	5.6	-	-	-	3.2	-	-	28.3	-	-
P6A	Complementary imports cif	53.0	6.5	74.2	36.8	107.3	14.9	10.0	13.0	12.2	36.4	24.8	118.1
P7A	Duty on P6A	-	-	-	-	-	-	-	-	-	-	-	-
T2	Australian Production	22,151.6	2,725.7	31,047.2	15,386.7	15,645.4	6,222.3	4,164.8	5,426.5	5,116.8	15,300.7	10,373.3	13,139.3
P6B	Competing imports cif	437.7	72.3	3,703.7	246.3	1,962.2	576.5	2,399.5	2,425.4	991.1	3,124.4	2,109.5	6,442.1
P7B	Duty on P6B	3.0	-	4.3	3.2	5.1	12.8	161.0	608.5	22.0	88.2	0.6	143.8
T3	Total Usage	22,592.4	2,798.0	34,755.2	15,636.1	17,658.7	6,811.6	6,725.3	8,460.4	6,129.9	18,513.4	12,483.5	19,725.2

TABLE 7. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS. BASIC VALUES. RECORDING INTRA-INDUSTRY FLOWS. 35 INDUSTRIES
(\$ million)

	FOR INDUSTRY													
FROM INDUSTRY	13	14	15	16	17	18	19	20	21	22	23	24		
1 Agriculture, hunting	80.5	2.4	1.3	6.2	3.0	13.2	53.9	1.0	5.6	2.3	4.4	1.8		
2 Forestry and fishing	4.0	12.1	26.5	1.2	2.7	0.9	1.7	0.6	16.8	0.2	0.2	0.2		
3 Mining	5.3	807.6	4,001.1	100.2	16.4	28.1	165.3	2,127.5	348.7	6.5	12.0	0.4		
4 Meat and dairy products	2.7	1.8	2.5	5.7	10.4	2.3	8.9	4.2	29.1	15.9	33.4	6.0		
5 Other food products	2.5	1.9	1.7	2.5	9.2	3.8	3.3	3.2	6.2	9.5	15.8	2.7		
6 Beverages and tobacco products	0.5	1.1	1.2	1.4	9.5	0.8	0.8	2.0	5.2	8.2	10.2	2.5		
7 Textiles	179.1	12.9	35.7	64.8	60.1	29.1	157.0	1.3	94.5	46.3	27.3	6.0		
8 Clothing and footwear	8.1	3.2	5.4	45.2	9.8	16.5	59.6	2.5	13.3	26.5	24.2	25.9		
9 Wood and wood products	23.7	12.7	17.9	92.8	135.7	27.7	643.9	10.2	2,152.8	87.8	129.3	0.2		
10 Paper, printing and publishing	275.1	181.9	42.4	159.2	285.3	262.2	97.4	32.1	68.6	837.9	1,888.6	34.2		
11 Petroleum and coal products	22.5	84.8	451.0	44.1	34.1	31.7	13.2	253.6	313.4	233.8	196.9	106.2		
12 Chemicals	1,331.9	348.5	491.5	245.2	516.3	395.9	132.9	229.8	483.8	33.0	10.8	39.7		
13 Rubber and plastic products	595.1	44.8	71.2	140.7	383.8	595.4	243.7	77.5	224.1	271.1	79.0	29.8		
14 Non-metallic mineral products	52.4	1,019.8	247.6	126.0	162.1	112.0	53.3	117.2	4,527.7	124.3	24.0	32.0		
15 Basic metals and products	88.3	119.3	3,372.6	2,562.3	1,642.6	1,968.2	545.7	26.1	1,024.2	40.9	4.6	2.3		
16 Fabricated metal products	54.4	137.7	120.0	2,026.2	1,049.7	486.5	300.6	158.9	2,823.7	118.8	169.8	37.0		
17 Transport equipment	1.2	2.3	5.1	7.1	2,678.0	44.3	83.2	2.5	41.5	217.8	368.8	1,864.0		
18 Other machinery and equipment	23.9	28.2	76.6	133.4	618.2	3,233.7	61.1	245.2	3,413.8	100.2	265.2	599.2		
19 Miscellaneous manufacturing	35.0	9.0	61.7	83.8	144.5	74.9	72.9	8.5	82.0	62.3	160.1	4.3		
20 Electricity, gas and water	87.1	353.1	831.3	76.3	140.7	87.0	25.2	6,277.6	128.4	205.3	256.0	179.5		
21 Construction	1.7	7.6	5.3	2.7	5.7	2.9	1.0	59.7	36.5	26.2	18.4	4.6		
22 Wholesale trade	259.4	168.4	531.7	320.0	548.4	1,098.5	323.1	164.5	1,479.8	427.4	250.0	982.6		
23 Retail trade	11.1	15.6	12.1	59.7	27.8	92.1	45.1	2.0	100.0	23.1	141.3	0.9		
24 Repairs	8.4	19.6	15.4	27.1	19.8	25.6	6.6	77.8	223.7	346.0	1,218.1	14.1		
25 Accommodation, cafes & restaurants	28.7	20.9	40.3	50.5	101.7	51.3	21.3	31.9	96.3	300.8	164.7	7.1		
26 Transport and storage	89.6	789.0	706.0	232.2	287.7	245.5	141.5	555.5	1,356.4	1,605.3	505.3	95.4		
27 Communication services	82.0	62.7	63.9	116.7	125.6	117.3	38.4	63.8	64.5	613.9	1,141.8	98.3		
28 Finance and insurance	99.6	114.6	563.1	227.1	476.8	241.6	96.8	403.4	1,986.9	1,065.4	1,223.9	179.1		
29 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-	-		
30 Property and business services	291.5	303.7	987.3	395.7	919.2	367.0	131.4	424.0	3,104.0	3,591.8	5,575.2	174.9		
31 Government administration	12.4	14.2	48.1	41.6	88.4	25.2	13.3	38.4	209.4	83.6	174.5	46.9		
32 Education	2.4	0.6	0.1	0.5	1.4	0.2	0.1	18.8	0.8	6.5	6.9	2.1		
33 Health and community services	0.6	1.7	1.4	1.0	27.1	3.5	1.5	1.6	9.4	9.9	15.7	2.1		
34 Cultural and recreational services	18.1	10.1	7.1	12.2	42.4	15.0	6.2	3.4	4.9	164.2	298.3	1.8		
35 Personal and other services	72.5	40.6	9.5	95.0	117.8	95.1	33.8	14.6	32.7	35.0	89.9	11.0		
T1 Intermediate Usage	3,851.5	4,754.4	12,855.6	7,506.2	10,701.9	9,794.8	3,584.0	11,440.6	24,508.6	10,747.9	14,504.4	4,594.9		
P1 Wages, salaries, supps	1,294.3	1,406.8	2,631.8	2,582.5	2,852.5	3,779.9	1,242.0	3,832.0	11,195.8	12,099.3	12,382.4	3,206.2		
P2 Gross operating surplus	786.6	1,222.4	2,198.8	1,398.3	532.9	1,946.8	354.3	9,576.5	11,715.3	9,413.4	6,330.4	4,583.6		
P3 Commodity taxes (net)	39.8	91.7	218.4	72.4	136.5	236.4	50.0	286.4	441.9	454.7	547.3	420.6		
P4 Indirect taxes nec (net)	90.4	110.0	175.2	121.6	121.6	207.5	39.7	21.0	578.5	1,236.5	1,106.4	341.4		
P5 Sales by final buyers	0.5	4.9	793.6	18.7	13.8	10.1	-	-	1.2	-	-	-		
P6A Complementary imports cif	60.5	18.2	45.2	28.1	34.6	38.9	12.6	60.3	119.1	81.3	82.9	32.2		
P7A Duty on P6A	-	-	-	-	-	-	-	-	-	-	-	-		
T2 Australian Production	6,123.6	7,608.4	18,918.7	11,748.1	14,393.9	16,014.3	5,282.5	25,216.8	48,560.3	34,033.2	34,953.7	13,178.8		
P6B Competing imports cif	2,636.3	1,038.3	1,720.5	1,779.8	9,079.9	19,112.9	1,394.5	17.7	29.8	8.7	-	23.6		
P7B Duty on P6B	195.9	61.0	57.2	111.6	759.1	546.3	86.9	-	-	0.4	-	-		
T3 Total Usage	8,955.8	8,707.6	20,696.3	13,639.5	24,233.0	35,673.5	6,763.9	25,234.6	48,590.1	34,042.2	34,953.7	13,202.4		

TABLE 7. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES
(\$ million)

	25	26	27	28	29	30	31	32	33	34	35
FROM INDUSTRY											
FOR INDUSTRY											
1 Agriculture; hunting	431.3	36.1	0.4	17.3	-	15.1	70.6	0.6	17.2	215.2	22.5
2 Forestry and fishing	490.4	17.1	1.1	6.1	-	2.2	9.7	0.1	3.5	0.5	3.5
3 Mining	21.6	22.9	7.4	4.2	30.2	14.8	57.5	1.3	25.2	65.8	17.5
4 Meat and dairy products	1,027.8	15.6	12.2	50.5	0.6	65.9	56.4	10.7	68.8	10.1	46.0
5 Other food products	635.6	14.6	5.3	34.3	1.9	24.2	95.7	6.9	57.8	54.5	23.7
6 Beverages and tobacco products	4.4	3.3	2.8	54.1	3.3	9.0	63.5	1.8	22.9	3.3	2.8
7 Textiles	189.0	60.1	10.4	47.2	1.5	25.2	70.6	4.1	92.1	10.0	45.2
8 Clothing and footwear	11.4	19.2	6.7	6.2	0.5	62.4	139.6	7.0	197.3	33.0	70.2
9 Wood and wood products	7.8	21.9	30.8	4.3	251.3	9.0	85.0	67.6	6.3	25.6	79.1
10 Paper, printing and publishing	275.3	224.4	140.7	796.7	16.7	1,511.5	1,619.8	304.2	249.9	368.8	399.0
11 Petroleum and coal products	21.9	2,250.6	133.6	35.7	18.1	455.3	165.8	0.8	174.0	43.5	268.8
12 Chemicals	111.8	62.9	8.9	50.5	147.4	473.0	214.3	14.7	1,330.8	218.3	278.3
13 Rubber and plastic products	171.4	415.7	221.3	24.6	174.5	64.5	331.8	7.2	123.6	28.4	118.2
14 Non-metallic mineral products	71.8	12.2	1.9	10.8	390.1	25.4	70.0	7.6	96.1	4.2	137.2
15 Basic metals and products	2.9	10.1	2.6	0.4	232.5	7.4	50.6	1.0	7.4	6.8	26.1
16 Fabricated metal products	74.6	264.2	118.9	21.5	382.9	59.3	301.1	40.7	127.7	139.7	41.5
17 Transport equipment	9.0	1,679.3	103.6	24.9	2.4	47.6	1,287.3	1.5	25.8	31.6	32.6
18 Other machinery and equipment	81.4	139.9	752.4	123.6	90.8	782.9	782.2	162.8	580.3	711.4	252.7
19 Miscellaneous manufacturing	38.0	67.2	54.7	41.1	46.7	40.6	75.1	66.9	43.9	39.2	25.8
20 Electricity, gas and water	475.0	467.1	111.6	237.9	2,537.3	1,941.6	1,174.9	59.9	1,028.8	222.6	252.1
21 Construction	301.2	229.2	4.9	34.3	1,103.9	91.9	659.4	4.9	40.0	9.3	16.2
22 Wholesale trade	357.9	1,120.2	374.1	259.1	235.9	593.3	660.8	182.4	610.8	364.1	322.2
23 Retail trade	6.2	25.8	18.1	101.2	49.4	4.7	18.1	2.8	3.8	31.0	102.3
24 Repairs	108.9	1,180.4	268.7	266.1	14.3	272.7	120.3	14.8	168.3	193.5	135.9
25 Accommodation, cafes & restaurants	6.4	615.9	52.7	240.4	0.2	264.7	242.3	38.0	164.5	90.8	155.0
26 Transport and storage	368.4	3,184.4	574.7	518.4	74.7	1,152.4	1,608.1	124.9	543.3	423.8	346.8
27 Communication services	192.6	852.5	1,118.2	890.9	7.9	2,068.5	1,061.9	96.9	539.1	358.0	313.0
28 Finance and insurance	484.4	769.2	207.5	6,933.3	5,786.0	2,296.1	2,158.5	381.8	1,050.3	484.8	235.2
29 Ownership of dwellings	-	-	-	-	-	-	-	-	-	-	-
30 Property and business services	1,752.1	3,239.9	196.3	3,238.9	587.2	8,121.6	3,672.4	146.3	2,034.9	1,427.6	774.5
31 Government administration	9.4	93.9	101.4	137.5	12.7	285.5	4,257.2	78.4	150.2	32.1	45.2
32 Education	10.4	28.9	4.6	18.2	0.3	19.5	45.5	3.3	20.8	4.7	16.2
33 Health and community services	4.0	4.3	6.8	32.0	-	24.4	50.7	9.1	145.3	70.7	36.3
34 Cultural and recreational services	236.4	48.9	10.5	302.5	0.1	1,227.6	213.9	47.7	48.7	1,734.0	80.3
35 Personal and other services	45.9	70.7	13.2	134.5	5.2	405.3	180.6	9.9	154.4	36.0	137.2
T1 Intermediate Usage	8,036.3	17,268.7	4,679.0	14,699.0	12,203.1	22,465.0	21,671.2	1,908.3	9,954.0	7,492.9	4,858.9
P1 Wages, salaries, supps	5,513.0	9,348.0	4,601.0	11,679.5	-	17,702.5	14,282.6	18,658.0	19,046.5	3,238.0	6,246.0
P2 Gross operating surplus	2,411.6	11,764.7	5,562.0	11,399.7	31,037.2	11,997.1	1,493.0	1,652.1	3,876.9	2,252.0	1,255.2
P3 Commodity taxes (net)	75.4	1,756.6	225.0	265.1	400.3	659.8	-10.3	20.0	356.1	177.6	262.7
P4 Indirect taxes nec (net)	177.9	1,690.7	418.0	1,934.5	2,524.1	1,291.6	46.2	338.9	440.3	654.2	191.2
P5 Sales by final buyers	-	-	-	-	-	-	-	-	-	-	-
P6A Complementary imports cif	38.8	100.2	37.1	95.8	-	129.6	199.7	-	80.0	33.2	30.2
P7A Duty on P6A	-	-	-	-	-	-	-	-	-	-	-
T2 Australian Production	16,253.1	41,928.8	15,522.1	40,073.5	46,164.8	54,245.6	37,682.5	22,631.8	33,768.1	13,866.2	12,844.3
P6B Competing imports cif	45.3	4,565.1	895.9	609.0	-	1,786.4	-	209.0	7.8	108.6	20.8
P7B Duty on P6B	-	-	-	-	-	-	-	-	-	0.1	0.3
T3 Total Usage	16,298.4	46,493.9	16,418.0	40,682.5	46,164.8	56,032.1	37,682.5	22,840.7	33,775.9	13,974.9	12,865.4

TABLE 7. INDUSTRY BY INDUSTRY FLOW MATRIX 1992-93 — continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES
(\$ million)

FROM INDUSTRY	FOR USE	Intermediate Usage		Final Cons Expenditure			Gross Fixed Capital Expenditure			Increase in Stocks		Exports	Final Demand (Q1-Q7)	Total Supply
		T4	T4	Private	Govt	Q1	Q2	Q3	Q4	Q5	Q6				Q7	T5	T6
1	Agriculture, hunting	14,609.5	2,920.0	113.3	283.8	64.0	-	-	-	190.8	4,758.8	7,982.9	22,592.4	
2	Forestry and fishing	1,475.0	790.9	283.8	85.3	95.3	35.5	-	-	-63.7	233.3	1,323.1	2,798.0	
3	Mining	16,775.1	136.9	85.3	0.1	9.5	5.6	2.2	14.8	-101.9	17,714.2	17,980.0	34,755.2	
4	Meat and dairy products	3,651.2	7,433.3	0.1	0.7	33.5	46.6	18.4	2.2	-604.5	5,138.6	11,984.9	15,036.1	
5	Other food products	4,985.0	10,302.8	0.7	-	7.3	4.4	1.4	18.4	-792.9	3,064.6	12,673.7	17,658.7	
6	Beverages and tobacco products	662.1	6,076.6	-	-	1,138.3	34.4	51.2	1.4	-370.5	430.3	6,149.5	6,811.6	
7	Textiles	4,237.6	1,138.3	-	-	99.9	1.8	2.1	51.2	1,019.6	1,019.6	2,487.7	6,725.3	
8	Clothing and footwear	1,604.1	5,930.9	-	-	5.5	12.1	2.1	2.1	414.0	502.0	6,856.3	8,460.4	
9	Wood and wood products	5,527.0	66.2	-	-	97.0	31.5	25.6	2.1	-35.5	437.6	602.9	6,129.9	
10	Paper, printing and publishing	14,951.8	2,580.6	53.7	-	65.7	23.9	50.2	50.2	352.3	427.5	3,561.6	18,513.4	
11	Petroleum and coal products	8,704.4	2,977.7	-	-	24.9	2.8	12.6	12.6	-146.5	886.5	3,779.1	12,483.5	
12	Chemicals	15,047.3	2,790.7	0.1	-	20.8	5.4	1.0	1.0	417.7	1,444.9	4,677.9	19,725.2	
13	Rubber and plastic products	6,847.2	1,491.9	-	-	58.4	3.0	2.4	2.4	245.2	305.2	2,108.6	8,955.8	
14	Non-metallic mineral products	8,240.2	191.5	0.5	-	75.9	42.1	3.8	3.8	-10.4	203.0	467.4	8,707.6	
15	Basic metals and products	12,442.9	56.6	-	-	200.6	41.3	13.6	13.6	-162.1	8,102.6	8,253.4	20,696.3	
16	Fabricated metal products	10,957.1	311.4	-	-	1,575.3	41.3	56.9	56.9	229.0	468.6	2,682.4	13,639.5	
17	Transport equipment	8,781.6	3,560.2	0.3	-	8,259.5	1,562.7	486.8	486.8	-274.1	1,855.9	15,451.4	24,233.0	
18	Other machinery and equipment	15,310.8	3,860.9	0.5	-	10,845.5	1,430.5	1,442.9	1,442.9	258.0	2,524.4	20,362.6	35,673.5	
19	Miscellaneous manufacturing	1,591.7	2,460.2	-	-	1,604.4	123.5	267.3	267.3	222.7	494.1	5,172.2	6,763.9	
20	Electricity, gas and water	19,863.3	5,164.2	172.2	-	-	-	-	-	-0.5	35.4	5,371.3	25,234.6	
21	Construction	3,062.5	3.6	1,612.1	30.5	29,529.8	7,490.8	6,816.3	6,816.3	-0.3	75.3	45,527.6	48,590.1	
22	Wholesale trade	17,103.6	6,879.1	-	-	4,906.2	676.6	761.7	761.7	185.3	3,499.2	16,938.6	34,042.2	
23	Retail trade	1,128.9	33,497.9	-	-	326.9	-	-	-	-	-	33,824.8	34,953.7	
24	Repairs	6,014.5	7,161.7	-	-	-	-	-	-	-	26.2	7,188.0	13,202.4	
25	Accommodation, cafes & restaurants	3,314.1	12,984.3	-	-	-	-	-	-	-	-	12,984.3	16,298.4	
26	Transport and storage	21,120.9	11,301.5	-	-	494.2	53.2	61.8	61.8	4.3	9,902.2	25,373.0	46,493.9	
27	Communication services	11,166.8	4,471.1	11.3	-	-	-	-	-	-	768.8	5,251.2	16,418.0	
28	Finance and insurance	30,801.1	9,255.4	185.0	-	1.7	0.2	0.3	0.3	-0.1	438.9	9,881.4	40,682.5	
29	Ownership of dwellings	-	46,187.0	-22.2	-	-	-	-	-	-	-	46,164.8	46,164.8	
30	Property and business services	47,145.0	2,851.7	1,715.9	-	2,640.5	1.2	0.5	0.5	-	1,677.2	8,887.0	56,032.1	
31	Government administration	6,552.4	595.1	30,241.5	-	159.0	-	-	-	-	134.4	31,130.0	37,682.5	
32	Education	265.8	5,307.0	16,434.3	-	-	-	-	-	-	833.6	22,574.9	22,840.7	
33	Health and community services	773.9	18,366.1	14,618.8	-	-	-	-	-	-	17.1	33,002.0	33,775.9	
34	Cultural and recreational services	4,939.7	6,839.3	2,091.6	-	44.2	-	-	-	-	60.2	9,035.2	13,974.9	
35	Personal and other services	2,422.3	5,706.7	4,731.2	-	-	-	-	-	-	5.2	10,443.1	12,865.4	
T1	Intermediate Usage	332,076.5	231,649.4	75,924.9	61,245.4	11,629.1	10,108.5	92.1	67,485.6	458,134.9	790,211.4	1,191,770.9		
P1	Wages, salaries, supps	190,348.0	-	-	-	-	-	-	-	-	-	-	168,168.6	
P2	Gross operating surplus	168,168.6	-	-	-	-	-	-	-	-	-	-	25,000.9	
P3	Commodity taxes (net)	8,597.2	13,866.5	-	-	1,807.6	37.8	55.1	55.1	-105.1	741.8	16,403.7	17,856.9	
P4	Indirect taxes nec (net)	15,690.9	3,561.0	-	-	2,166.0	1,584.8	964.9	964.9	1.3	148.8	2,166.0	-	
P5	Sales by final buyers	913.2	1,759.9	-	-	2,074.6	26.5	0.3	0.3	-0.7	-	-913.2	-	
P6A	Complementary imports cif	1,918.9	-	-	-	-	-	-	-	-	-	1,733.8	185.1	
P7A	Duty on P6A	-	-	-	-	-	-	-	-	-	-	-	-	
T2	Australian Production	717,713.3	247,317.0	75,924.9	63,170.9	10,082.0	9,199.0	-12.4	68,376.2	474,057.6	1,191,770.9	1,191,770.9		
P6B	Competing imports cif	69,380.8	-	-	-	-	-	-	-	-	8,514.1	78,095.0	78,095.0	
P7B	Duty on P6B	2,917.2	-	-	-	-	-	-	-	-	-	-	2,917.2	
T3	Total Usage	790,211.4	247,317.0	75,924.9	63,170.9	10,082.0	9,199.0	-12.4	68,376.2	474,057.6	1,191,770.9	1,191,770.9		

TABLE 9. TOTAL REQUIREMENTS COEFFICIENTS 1992-93
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES

		FOR INDUSTRY											
FROM INDUSTRY		1	2	3	4	5	6	7	8	9	10	11	12
1	Agriculture; hunting	110.967	2.380	0.365	60.554	22.897	12.997	33.591	15.573	0.780	1.027	0.495	2.705
2	Forestry and fishing	0.278	104.041	0.256	0.272	1.931	0.367	0.223	0.244	8.045	1.855	0.229	0.289
3	Mining	4.794	8.852	111.230	4.369	4.353	4.546	3.361	2.401	4.337	3.190	77.319	7.747
4	Meat and dairy products	1.280	0.652	0.178	109.690	3.767	0.655	0.754	4.597	0.331	0.415	0.255	1.798
5	Other food products	4.478	6.974	0.302	3.361	120.472	5.065	1.897	1.063	0.871	1.043	0.416	3.261
6	Beverages and tobacco products	0.330	0.195	0.097	0.272	0.294	105.551	0.136	0.080	0.069	0.094	0.089	0.121
7	Textiles	0.753	2.149	0.370	0.720	1.412	1.431	129.824	46.338	1.066	1.297	0.459	1.011
8	Clothing and footwear	0.158	0.468	0.171	0.196	0.216	0.204	0.661	115.237	0.165	0.302	0.162	0.249
9	Wood and wood products	0.332	1.199	0.362	0.286	0.361	0.613	0.480	0.444	142.354	0.403	0.427	0.582
10	Paper, printing and publishing	2.642	2.509	1.753	3.728	7.227	10.105	4.403	6.307	3.902	126.972	2.242	6.475
11	Petroleum and coal products	5.333	9.694	3.526	4.206	3.673	2.707	2.866	1.969	3.457	2.107	115.479	5.125
12	Chemicals	13.252	5.347	5.230	8.712	7.948	7.586	11.027	9.013	9.020	9.032	10.444	148.670
13	Rubber and plastic products	1.425	3.549	1.866	2.733	6.483	6.731	3.064	3.192	2.504	4.815	2.132	6.178
14	Non-metallic mineral products	0.500	8.435	0.725	0.475	1.695	5.310	0.504	0.395	3.944	0.633	0.662	1.637
15	Basic metals and products	1.507	3.922	3.033	1.321	2.757	5.052	1.874	1.411	3.781	2.318	2.816	5.410
16	Fabricated metal products	1.393	3.164	2.473	1.403	4.551	12.504	1.888	1.380	5.100	1.555	2.208	4.901
17	Transport equipment	1.388	4.266	1.102	1.342	1.211	0.975	0.975	0.750	1.415	0.969	1.418	0.833
18	Other machinery and equipment	2.946	6.465	5.826	2.279	2.790	2.486	2.175	1.888	2.580	5.357	4.617	2.148
19	Miscellaneous manufacturing	0.184	2.896	0.199	0.202	0.428	1.218	0.582	0.756	0.610	0.465	0.227	0.455
20	Electricity, gas and water	5.469	3.323	6.487	5.393	5.281	4.757	4.590	3.674	4.017	4.338	5.473	6.090
21	Construction	0.856	0.217	0.931	0.572	0.370	0.303	0.411	0.255	0.287	0.253	0.751	0.259
22	Wholesale trade	5.616	9.556	4.015	8.187	10.305	9.964	13.315	10.916	12.070	7.092	6.212	10.101
23	Retail trade	0.163	0.490	0.168	0.167	0.346	0.305	0.273	0.217	0.690	0.907	0.661	0.601
24	Repairs	3.324	4.145	1.624	2.413	2.015	1.679	1.570	1.036	1.513	1.694	1.612	1.109
25	Accommodation, cafes & restaurants	0.849	0.752	0.611	0.833	1.146	1.470	1.164	0.886	1.032	1.583	0.832	1.251
26	Transport and storage	7.594	7.132	5.584	11.530	10.015	7.543	7.560	6.247	13.026	6.187	12.695	7.090
27	Communication services	2.289	1.891	1.925	2.523	2.928	2.490	2.933	3.110	2.421	3.136	2.123	3.714
28	Finance and insurance	5.779	5.544	5.966	6.443	6.485	7.024	5.803	5.717	5.599	7.042	6.894	6.051
29	Ownership of dwellings												
30	Property and business services	9.801	7.123	10.876	10.793	13.594	11.367	12.786	11.475	8.931	10.987	10.425	14.194
31	Government administration	0.970	0.691	0.379	0.926	1.128	0.978	0.752	0.541	0.811	2.109	0.943	0.902
32	Education	0.033	0.042	0.193	0.036	0.041	0.053	0.041	0.031	0.046	0.039	0.149	0.052
33	Health and community services	0.450	0.172	0.083	0.662	0.209	0.363	0.229	0.764	0.338	0.610	0.128	0.945
34	Cultural and recreational services	0.604	0.508	0.589	0.645	1.014	1.612	0.965	0.905	0.601	2.470	0.625	1.447
35	Personal and other services	0.561	0.710	0.423	0.900	1.068	1.023	0.651	1.333	1.017	1.689	0.550	1.957

TABLE 9. TOTAL REQUIREMENTS COEFFICIENTS 1992-93—continued
INDIRECT ALLOCATION OF COMPETING IMPORTS, BASIC VALUES, RECORDING INTRA-INDUSTRY FLOWS, 35 INDUSTRIES

	FOR INDUSTRY										
FROM INDUSTRY	25	26	27	28	29	30	31	32	33	34	35
1 Agriculture; hunting	8.391	0.559	0.332	0.452	0.139	0.467	0.973	0.129	0.693	2.554	1.048
2 Forestry and fishing	3.334	0.182	0.104	0.122	0.091	0.131	0.259	0.069	0.095	0.186	0.242
3 Mining	2.545	5.788	1.992	0.862	1.685	2.244	2.947	0.334	1.945	2.863	3.471
4 Meat and dairy products	7.257	0.271	0.198	0.296	0.075	0.307	0.435	0.093	0.432	0.351	0.655
5 Other food products	5.414	0.271	0.169	0.270	0.088	0.257	0.631	0.088	0.459	0.871	0.525
6 Beverages and tobacco products	0.094	0.037	0.038	0.187	0.030	0.046	0.242	0.016	0.096	0.067	0.051
7 Textiles	1.941	0.510	0.367	0.336	0.137	0.328	0.852	0.111	0.814	0.552	1.000
8 Clothing and footwear	0.198	0.140	0.119	0.079	0.036	0.221	0.592	0.058	0.738	0.423	0.718
9 Wood and wood products	0.428	0.381	0.523	0.135	1.018	0.192	0.799	0.513	0.180	0.567	1.095
10 Paper, printing and publishing	4.140	2.184	2.232	3.965	0.942	5.128	8.071	2.003	2.167	5.673	5.411
11 Petroleum and coal products	1.788	7.310	1.759	0.669	0.497	1.855	1.856	0.188	1.361	1.611	3.373
12 Chemicals	4.014	2.549	1.878	1.159	1.383	2.820	3.673	0.499	7.003	4.885	5.291
13 Rubber and plastic products	2.330	1.982	2.447	0.548	0.728	0.887	2.332	0.259	1.141	1.451	1.959
14 Non-metallic mineral products	1.278	0.433	0.288	0.184	1.410	0.301	0.881	0.113	0.582	0.420	1.561
15 Basic metals and products	1.323	1.992	2.024	0.533	1.393	1.024	2.723	0.391	1.129	2.511	1.616
16 Fabricated metal products	1.607	1.929	1.746	0.461	1.508	0.781	2.516	0.398	1.100	2.403	1.213
17 Transport equipment	0.897	6.220	1.695	0.560	0.206	0.702	5.516	0.151	0.547	1.247	1.042
18 Other machinery and equipment	2.413	2.111	7.284	1.451	0.993	3.396	4.973	1.174	3.040	8.879	3.782
19 Miscellaneous manufacturing	0.475	0.356	0.520	0.210	0.179	0.212	0.472	0.335	0.242	0.521	0.358
20 Electricity, gas and water	6.167	3.318	2.015	2.101	8.104	6.620	6.866	0.669	5.336	4.536	4.310
21 Construction	2.044	0.748	0.138	0.197	2.469	0.318	2.155	0.055	0.229	0.250	0.281
22 Wholesale trade	5.102	4.875	4.288	1.846	1.387	2.824	4.609	1.262	3.373	5.579	4.631
23 Retail trade	0.182	0.197	0.241	0.376	0.196	0.138	0.251	0.053	0.114	0.435	0.949
24 Repairs	1.589	3.511	2.240	1.172	0.331	1.105	1.140	0.193	0.896	2.305	1.652
25 Accommodation, cafes & restaurants	100.522	1.934	0.651	0.965	0.224	0.896	1.295	0.263	0.782	1.234	1.605
26 Transport and storage	5.706	110.563	5.627	2.873	1.443	4.348	7.885	1.058	3.328	6.207	5.209
27 Communication services	2.932	3.572	108.543	3.825	0.813	5.700	5.223	0.743	2.736	4.840	3.882
28 Finance and insurance	6.550	4.684	3.121	122.406	16.136	7.503	10.779	2.482	5.363	7.501	4.381
29 Ownership of dwellings					100.000						
30 Property and business services	17.409	13.427	4.452	13.333	4.421	121.011	18.151	1.724	9.972	18.212	11.007
31 Government administration	0.496	0.602	0.981	0.695	0.209	0.960	113.223	0.469	0.734	0.708	0.728
32 Education	0.093	0.102	0.049	0.071	0.021	0.066	0.172	100.020	0.083	0.068	0.153
33 Health and community services	0.156	0.074	0.088	0.146	0.036	0.131	0.263	0.061	100.511	0.681	0.377
34 Cultural and recreational services	2.360	0.698	0.354	1.525	0.308	3.361	1.560	0.363	0.608	115.053	1.263
35 Personal and other services	0.714	0.507	0.322	0.626	0.184	1.115	1.035	0.122	0.742	0.737	101.425

TABLE 10. PRIMARY INPUT CONTENT (TOTAL REQUIREMENTS) PER \$100 OF FINAL DEMAND BY INDUSTRY 1992-93
(S)

FROM INDUSTRY	FOR USE		Gross Operating Surplus P2	Commodity Taxes (Net) P3	Indirect Taxes (Net) P4	Sales by Final Buyers P5		Competing Imports CIF P6A	Duty on P6A P7A	Competing Imports CIF P6B	Duty on P6B P7B	Final Demand
	Wages Salaries Supps P1	Wages Salaries Supps P1										
0101 Sheep	26.557	58.634	1.778	4.401	0.639	0.029	7.801	0.160	7.801	0.160	100.000	
0102 Grains	23.820	57.136	3.244	4.004	0.755	0.029	10.831	0.181	10.831	0.181	100.000	
0103 Beef cattle	22.438	60.623	2.200	4.287	0.787	0.034	9.457	0.175	9.457	0.175	100.000	
0104 Dairy cattle	22.548	63.520	1.697	4.106	0.735	0.026	7.229	0.140	7.229	0.140	100.000	
0105 Pigs	31.314	50.803	2.274	4.521	0.833	0.032	9.346	0.185	9.346	0.185	100.000	
0106 Poultry	34.402	49.864	2.310	4.592	0.838	0.037	7.775	0.183	7.775	0.183	100.000	
0107 Other agriculture	26.868	55.318	2.275	4.184	0.704	0.028	10.417	0.207	10.417	0.207	100.000	
0200 Services to agric.; hunting	36.481	49.794	2.372	3.890	0.381	0.027	6.906	0.150	6.906	0.150	100.000	
0300 Forestry and logging	50.323	35.528	1.475	4.841	0.434	0.054	7.164	0.181	7.164	0.181	100.000	
0400 Commercial fishing	37.080	33.039	3.478	5.710	0.601	0.113	19.336	0.644	19.336	0.644	100.000	
1100 Coal, oil and gas	24.552	67.293	0.369	1.387	0.363	0.070	5.809	0.159	5.809	0.159	100.000	
1301 Iron ores	25.339	64.563	0.349	2.522	0.637	0.063	6.575	0.192	6.575	0.192	100.000	
1302 Non-ferrous metal ores	33.977	45.299	0.850	2.830	0.505	0.135	16.012	0.392	16.012	0.392	100.000	
1400 Other mining	25.884	62.629	0.198	2.115	0.401	0.053	8.504	0.216	8.504	0.216	100.000	
1500 Services to mining	53.592	18.414	1.099	4.979	0.174	0.072	21.098	0.163	21.098	0.163	100.000	
2101 Meat and meat products	36.970	46.652	3.278	4.258	0.771	0.032	7.854	0.185	7.854	0.185	100.000	
2102 Dairy products	30.899	54.936	1.859	3.933	0.749	0.033	7.386	0.184	7.386	0.184	100.000	
2103 Fruit and vegetable products	41.178	36.761	3.158	3.982	0.650	0.293	13.601	0.377	13.601	0.377	100.000	
2104 Oils and fats	34.392	38.485	2.220	3.378	0.634	0.052	20.371	0.467	20.371	0.467	100.000	
2105 Flour and cereal foods	34.038	46.889	3.226	3.348	0.624	0.053	11.450	0.372	11.450	0.372	100.000	
2106 Bakery products	48.940	31.661	3.017	4.036	0.583	0.077	11.251	0.434	11.251	0.434	100.000	
2107 Confectionery	42.486	36.206	2.543	3.046	0.523	0.103	14.504	0.590	14.504	0.590	100.000	
2108 Other food products	37.319	41.840	2.941	3.613	0.942	0.072	11.935	0.338	11.935	0.338	100.000	
2109 Soft drinks, cordials, syrups	39.993	34.481	4.354	3.488	0.661	0.345	16.173	0.505	16.173	0.505	100.000	
2110 Beer and malt	32.888	53.641	2.156	2.952	0.540	0.230	7.361	0.232	7.361	0.232	100.000	
2111 Wine and spirits	34.591	44.856	3.278	3.375	0.271	0.271	12.649	0.417	12.649	0.417	100.000	
2112 Tobacco products	34.691	34.049	3.821	3.558	0.092	0.092	22.727	0.610	22.727	0.610	100.000	
2201 Wool scouring	32.906	47.701	7.635	3.895	0.024	0.024	6.994	0.130	6.994	0.130	100.000	
2202 Textile fibres, yarns etc	45.171	30.749	2.457	2.809	0.494	0.025	17.912	0.383	17.912	0.383	100.000	
2203 Textile products	39.216	26.395	1.618	3.022	0.457	0.297	28.070	0.925	28.070	0.925	100.000	
2204 Knitting mill products	41.964	24.467	0.901	1.654	0.414	0.021	29.936	0.623	29.936	0.623	100.000	
2205 Clothing	43.703	21.866	0.758	1.647	0.436	0.018	29.897	1.675	29.897	1.675	100.000	
2206 Footwear	50.786	21.360	1.446	2.545	0.512	0.032	22.137	1.183	22.137	1.183	100.000	
2207 Leather and leather products	41.529	29.699	2.493	3.623	0.036	0.036	21.246	0.727	21.246	0.727	100.000	
2301 Sawmill products	43.887	35.772	2.000	3.202	0.475	0.024	14.370	0.270	14.370	0.270	100.000	
2302 Plywood, veneer and fab, wood	46.296	28.480	2.563	3.696	0.569	0.113	17.772	0.511	17.772	0.511	100.000	
2303 Other wood products	48.603	29.666	1.526	2.513	0.138	0.138	16.608	0.444	16.608	0.444	100.000	
2304 Pulp, paper and paperboard	35.980	41.333	1.803	2.668	0.438	1.790	15.783	0.205	15.783	0.205	100.000	
2305 Paper bags and containers	38.927	28.254	4.813	3.453	0.457	0.285	22.829	0.982	22.829	0.982	100.000	
2306 Other paper products	37.658	34.382	2.604	2.797	0.453	0.189	21.302	0.615	21.302	0.615	100.000	
2401 Printing, services to printing	42.987	25.453	3.727	2.747	0.402	0.256	23.529	0.900	23.529	0.900	100.000	
2402 Publishing; recorded media etc	45.677	35.811	2.588	3.355	0.443	0.090	40.575	0.257	40.575	0.257	100.000	
2501 Petroleum and coal products	17.466	38.192	1.464	1.657	0.443	0.044	40.575	0.158	40.575	0.158	100.000	
2502 Fertilisers	28.722	32.694	5.347	2.900	7.770	0.122	21.874	0.571	21.874	0.571	100.000	
2503 Other basic chemicals	31.293	35.296	2.071	2.666	0.516	0.266	27.393	0.301	27.393	0.301	100.000	
2504 Paints	31.093	33.371	2.844	2.719	1.425	0.246	27.818	0.484	27.818	0.484	100.000	
2505 Pharmaceuticals etc	38.875	32.491	1.776	1.251	0.485	0.067	24.698	0.356	24.698	0.356	100.000	
2506 Soap and other detergents	32.527	33.625	2.248	3.071	0.497	0.072	27.457	0.504	27.457	0.504	100.000	
2507 Cosmetics and toiletries	34.705	38.001	2.211	3.275	0.457	0.075	20.703	0.573	20.703	0.573	100.000	
2508 Other chemical products	35.910	29.809	2.402	3.064	0.544	0.249	27.405	0.617	27.405	0.617	100.000	
2509 Rubber products	45.900	27.262	1.548	3.317	4.262	0.082	16.448	0.533	16.448	0.533	100.000	
2510 Plastic products	38.219	30.587	1.548	2.958	0.465	0.146	18.182	1.032	18.182	1.032	100.000	
2601 Glass and glass products	38.219	37.120	2.147	2.853	0.427	0.521	15.032	0.460	15.032	0.460	100.000	
2602 Ceramic products	42.404	36.364	2.939	3.444	0.444	0.081	14.032	0.293	14.032	0.293	100.000	
2603 Cement and lime	31.981	52.443	3.902	2.572	0.466	0.072	8.374	0.191	8.374	0.191	100.000	
2604 Concrete slurry	36.916	47.234	2.741	3.894	0.590	0.064	8.370	0.190	8.370	0.190	100.000	
2605 Plaster, other concrete prod.	39.162	44.755	2.017	3.314	0.474	0.177	9.826	0.276	9.826	0.276	100.000	

TABLE 10. PRIMARY INPUT CONTENT (TOTAL REQUIREMENTS) PER \$100 OF FINAL DEMAND BY INDUSTRY 1992-93—continued

FOR USE FROM INDUSTRY	Wages		Gross Operating		Commodity		Indirect		Sales by		Competing		Duty		Final Demand
	Salaries Supps	P1	Operating	Surplus	Taxes	(Net)	Taxes	(Net)	Final	Buyers	CIF	Imports	CIF	on P06		P7B
			P2		P3	P4	P5	P6A	P7A	P6B	P7B				
2606 Non-metallic min. products nec	38 652		39 366		2 407	3 684	0 143	0 477		14 758		0 513		100 000	
2701 Iron and steel	40 661		35 157		1 792	3 482	2 961	0 543		15 087		0 317		100 000	
2702 Basic non-ferrous metals etc	29 541		37 134		2 432	2 041	6 650	0 480		21 547		0 176		100 000	
2703 Structural metal products	45 954		32 589		1 548	3 011	0 876	0 530		14 969		0 523		100 000	
2704 Sheet metal products	43 094		32 906		1 952	3 114	1 876	0 528		16 021		0 509		100 000	
2705 Fabricated metal products	46 932		29 797		1 737	3 079	0 748	0 500		16 687		0 520		100 000	
2801 Motor vehicles and parts etc	39 659		22 693		2 046	2 657	0 611	0 551		30 381		1 403		100 000	
2802 Ships and boats	41 468		24 626		2 282	2 851	0 477	0 529		26 946		0 806		100 000	
2803 Railway equipment	51 779		26 957		1 451	2 687	1 476	0 529		14 575		0 546		100 000	
2804 Aircraft	65 327		8 429		2 290	2 947	0 218	0 471		19 647		0 672		100 000	
2805 Scientific etc equipment	43 638		27 546		2 420	2 578	0 120	0 386		22 652		0 659		100 000	
2806 Electronic equipment	34 492		28 480		2 156	2 355	0 167	0 397		30 985		0 968		100 000	
2807 Household appliances	38 657		27 032		4 015	2 673	0 408	0 472		25 560		1 183		100 000	
2808 Other electrical equipment	41 211		29 650		2 189	2 984	0 803	0 467		21 922		0 774		100 000	
2809 Agricultural machinery	44 985		24 621		2 408	2 997	0 640	0 474		22 831		1 044		100 000	
2810 Mining etc equipment	48 324		23 341		2 178	3 353	1 053	0 499		20 440		0 813		100 000	
2811 Other machinery and equipment	47 636		25 836		2 125	2 950	0 792	0 498		19 382		0 779		100 000	
2901 Prefabricated buildings	47 505		28 066		1 783	3 080	0 793	0 570		17 624		0 579		100 000	
2902 Furniture	49 971		24 352		2 647	2 647	0 347	0 503		19 664		0 754		100 000	
2903 Other manufacturing	39 553		31 426		2 829	2 660	0 440	0 527		21 655		0 910		100 000	
3601 Electricity	25 375		68 584		1 708	0 793	0 024	0 445		2 978		0 093		100 000	
3602 Gas	33 898		57 286		1 039	1 960	0 044	0 463		5 182		0 126		100 000	
3701 Water, sewerage and drainage	35 790		53 588		2 526	0 187	0 035	0 346		7 362		0 166		100 000	
4101 Residential building	32 928		49 912		1 966	3 098	0 160	0 481		11 069		0 386		100 000	
4102 Other construction	50 080		34 049		1 844	2 769	0 160	0 439		10 253		0 407		100 000	
4501 Wholesale trade	48 415		38 800		2 047	4 848	0 026	0 361		5 371		0 133		100 000	
5101 Retail trade	53 217		32 990		2 510	4 628	0 040	0 399		6 061		0 156		100 000	
5401 Mechanical repairs	34 944		44 837		4 157	3 420	0 093	0 369		11 716		0 465		100 000	
5402 Other repairs	37 014		40 863		2 718	3 784	0 040	0 370		14 758		0 453		100 000	
5701 Accommodation, cafes & restaurants	53 145		33 841		5 033	2 898	0 033	0 478		7 751		0 268		100 000	
6101 Road transport	30 645		49 972		5 877	5 877	0 031	0 385		7 849		0 209		100 000	
6201 Rail, pipeline, other transp.	63 318		26 404		1 923	2 794	0 093	0 360		4 965		0 143		100 000	
6301 Water transport	25 622		36 556		3 637	4 032	0 058	0 442		29 476		0 178		100 000	
6401 Air and space transport	35 241		35 374		10 093	3 259	0 033	0 412		15 438		0 151		100 000	
6601 Services to transport, storage	37 826		43 490		2 520	8 087	0 025	0 406		7 512		0 133		100 000	
7101 Communication services	39 860		45 894		2 172	3 624	0 039	0 344		7 835		0 232		100 000	
7301 Banking	42 525		46 050		1 313	5 653	0 019	0 373		3 977		0 089		100 000	
7302 Non-bank finance	47 146		41 588		1 551	5 446	0 019	0 436		3 727		0 087		100 000	
7303 Financial asset investors	30 968		61 830		0 899	3 757	0 010	0 309		2 175		0 051		100 000	
7401 Insurance	55 643		31 284		1 486	7 650	0 016	0 390		3 451		0 080		100 000	
7501 Services to finance etc	24 968		59 919		0 895	1 772	0 010	0 313		2 075		0 048		100 000	
7701 Ownership of dwellings	10 550		78 687		1 334	6 462	0 035	0 103		2 731		0 098		100 000	
7702 Other property services	49 387		37 868		2 048	4 070	0 023	0 394		6 090		0 119		100 000	
7801 Scientific research etc	48 679		37 549		2 181	3 847	0 024	0 391		7 163		0 165		100 000	
7802 Legal, accounting etc services	49 563		38 451		2 024	3 314	0 022	0 398		6 115		0 114		100 000	
7803 Other business services	49 068		37 873		2 115	4 010	0 022	0 394		6 360		0 136		100 000	
8101 Government administration	62 736		25 558		1 107	1 580	0 042	0 462		8 294		0 221		100 000	
8201 Defence	58 532		15 812		0 956	3 198	0 091	1 717		19 074		0 620		100 000	
8401 Education	85 679		10 081		0 248	1 784	0 011	0 265		1 892		0 040		100 000	
8601 Health services	67 601		22 349		1 344	2 128	0 014	0 334		6 047		0 182		100 000	
8701 Community services	65 402		19 251		3 005	2 458	0 306	0 411		8 893		0 274		100 000	
9101 Motion picture, radio etc	41 477		36 766		2 720	3 931	0 219	0 525		14 027		0 335		100 000	
9201 Libraries, museums, arts	62 503		27 529		1 343	1 320	0 028	0 369		6 752		0 157		100 000	
9301 Sport, gambling etc	39 333		35 005		2 631	10 057	0 206	0 486		11 996		0 286		100 000	
9501 Personal services	42 779		36 830		4 227	2 691	0 051	0 431		12 650		0 341		100 000	
9601 Other services	75 216		13 790		1 970	2 634	0 019	0 354		5 837		0 180		100 000	
Final Demand	39 445		34 848		5 181	3 700	—	0 038		16 183		0 605		100 000	

TABLE 11. PRIMARY INPUT CONTENT (TOTAL REQUIREMENTS) BY INDUSTRY OF EACH CATEGORY OF FINAL DEMAND 1992-93—continued
(\$ million)

INDUSTRY	Final Consumption Expenditure						Gross Fixed Capital Expenditure						Increase in Stocks						Exports						Final Demand (Q1-Q7)						
	Private			Government			Private			Government			Public Enterprise			Gen Government			Q5			Q6			Q7			T5		T5	
	Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.		Wages	G.O.S.	Total	
2401 Printing; services to printing	835.2	349.6	138.2	330.1	138.2	54.4	18.9	7.9	18.0	7.5	6.2	151.8	63.5	1,498.8	627.4	2,126.2															
2402 Publishing; recorded media etc	891.1	714.2	211.2	169.3	169.3	88.5	20.6	16.5	22.6	18.1	1.1	145.3	116.4	1,402.7	1,124.1	2,526.8															
2501 Petroleum and coal products	165.8	389.1	22.4	52.6	52.6	19.8	4.2	9.9	3.5	8.2	-10.7	86.2	202.4	297.3	698.0	995.4															
2502 Fertilisers	53.1	61.3	4.7	5.4	5.4	3.1	0.5	0.5	0.4	0.4	3.6	4.1	40.9	105.7	122.1	227.8															
2503 Other basic chemicals	203.0	231.5	41.8	47.6	47.6	75.4	10.9	12.4	8.8	10.1	9.8	208.5	237.8	547.6	624.5	1,172.1															
2504 Paints	65.3	76.9	14.2	16.8	16.8	80.6	8.1	9.5	6.0	7.0	6.9	35.6	41.9	204.5	240.8	445.3															
2505 Pharmaceuticals etc	300.5	270.2	61.9	55.7	55.7	4.9	0.9	0.8	0.8	0.7	21.6	131.2	118.0	524.8	472.0	996.8															
2506 Soap and other detergents	94.9	110.7	8.5	9.9	9.9	4.5	0.6	0.7	0.5	0.6	6.7	13.4	15.6	127.3	148.5	275.8															
2507 Cosmetics and toiletries	86.0	113.9	5.9	7.8	7.8	1.4	0.2	0.2	0.1	0.2	4.6	8.2	10.9	104.9	138.9	243.7															
2508 Other chemical products	68.6	53.1	28.1	21.7	21.7	20.3	4.3	3.3	3.7	2.9	3.1	77.6	60.0	211.6	163.7	375.3															
2509 Rubber products	141.5	58.2	38.0	15.6	15.6	14.6	4.1	1.7	3.8	1.6	2.6	66.5	27.3	295.7	121.6	417.3															
2510 Plastic products	564.6	376.0	72.6	48.3	48.3	111.6	74.3	17.0	14.7	9.8	20.3	187.6	124.9	998.6	665.0	1,663.5															
2601 Glass and glass products	137.6	116.7	16.1	13.7	13.7	26.7	7.4	6.3	7.0	6.0	-3.1	35.5	30.2	231.5	196.4	427.9															
2602 Ceramic products	53.4	34.5	8.8	5.7	5.7	146.8	21.8	14.1	11.9	7.7	-1.4	27.2	17.6	348.4	224.9	573.3															
2603 Cement and lime	25.0	53.4	7.8	16.6	16.6	99.2	10.0	21.4	8.8	18.9	-3.3	11.6	24.8	106.4	227.3	333.6															
2604 Concrete slurry	5.6	1.1	8.4	1.6	1.6	17.6	25.3	4.9	23.5	4.5	-0.1	2.5	0.5	156.0	30.1	186.1															
2605 Plaster, other concrete prod.	38.8	40.6	28.6	29.9	29.9	241.0	37.9	39.7	31.1	32.6	1.7	23.4	24.6	391.3	410.2	801.5															
2606 Non-metallic min. products nec	59.0	45.6	8.6	6.6	6.6	60.0	9.4	7.3	8.1	6.3	-0.1	28.1	21.7	173.2	133.6	306.8															
2701 Iron and steel	303.0	178.5	64.7	38.1	38.1	495.5	291.9	68.7	40.5	54.7	32.2	449.3	264.7	1,430.7	842.7	2,273.4															
2702 Basic non-ferrous metals etc	108.3	122.3	21.1	23.8	23.8	120.4	135.9	20.3	22.9	17.1	-9.3	925.2	1,044.7	1,201.0	1,356.2	2,557.2															
2703 Structural metal products	141.4	83.4	52.9	31.2	31.2	94.3	55.6	66.1	66.1	39.0	4.6	126.4	74.6	848.7	500.7	1,349.4															
2704 Sheet metal products	258.6	166.8	20.2	13.1	13.1	250.3	161.5	10.9	9.2	5.9	3.3	75.9	49.0	630.2	406.6	1,036.9															
2705 Fabricated metal products	281.0	125.0	110.3	49.1	49.1	359.4	159.9	55.9	47.3	21.0	14.5	217.1	96.6	1,103.6	490.9	1,594.5															
2801 Motor vehicles and parts etc	634.7	172.2	49.6	13.5	13.5	720.3	195.4	47.1	12.8	47.9	13.0	239.9	65.1	1,710.8	464.2	2,175.0															
2802 Ships and boats	30.4	10.9	98.0	35.1	35.1	99.4	35.6	2.3	0.8	0.3	1.0	106.3	38.0	338.3	121.1	459.4															
2803 Railway equipment	21.5	6.8	1.8	0.6	0.6	7.3	70.6	22.4	1.3	0.4	2.6	24.6	7.8	150.8	47.8	198.6															
2804 Aircraft	170.9	26.2	82.1	-12.6	-12.6	44.7	-6.9	-7.0	2.4	-0.4	0.1	307.0	-47.1	652.6	-100.2	552.5															
2805 Scientific etc equipment	85.8	45.1	56.7	29.8	29.8	75.1	39.4	8.1	4.2	6.2	1.2	128.1	67.3	367.8	193.3	561.0															
2806 Electronic equipment	163.6	135.7	64.6	53.6	53.6	137.2	113.8	60.1	49.8	47.3	1.7	204.5	169.6	688.7	571.2	1,259.9															
2807 Household appliances	153.1	90.5	4.2	2.5	2.5	169.0	99.9	7.1	4.2	2.8	9.2	37.5	22.2	391.3	231.3	622.6															
2808 Other electrical equipment	196.1	112.5	59.0	33.9	33.9	276.0	158.3	77.8	44.6	55.1	-1.4	136.3	78.2	798.0	457.7	1,255.7															
2809 Agricultural machinery	35.8	12.0	2.6	0.9	0.9	74.1	24.9	1.7	0.6	0.5	0.5	30.3	10.2	147.2	49.5	196.6															
2810 Mining etc equipment	54.5	12.2	22.1	4.9	4.9	209.9	47.0	39.2	8.8	24.1	-1.3	124.1	27.8	472.6	105.8	578.4															
2811 Other machinery and equipment	95.1	35.2	32.7	12.1	12.1	513.8	189.9	9.9	24.9	9.2	-4.8	226.0	83.5	914.4	338.0	1,252.5															
2901 Prefabricated buildings	6.8	1.5	2.2	0.5	0.5	46.6	10.5	3.4	4.4	1.0	0.2	5.2	1.2	69.2	15.6	84.8															
2902 Furniture	399.0	87.4	16.4	3.6	3.6	339.7	74.4	23.7	48.3	10.6	43.4	25.5	5.6	896.1	196.4	1,092.4															
2903 Other manufacturing	138.9	71.4	16.2	8.3	8.3	24.4	12.6	1.7	2.9	1.5	2.2	88.6	45.6	276.7	142.3	419.0															
3601 Electricity	1,288.5	4,171.8	305.0	987.4	987.4	106.9	346.2	17.7	57.3	15.1	49.0	333.9	1,081.0	2,063.4	6,681.0	8,744.5															
3602 Gas	219.9	388.4	28.8	50.8	50.8	31.7	55.9	4.6	8.2	3.7	6.6	57.6	101.7	345.3	610.0	955.3															
3701 Water, sewerage and drainage	1,022.1	1,641.4	194.0	311.5	311.5	66.5	106.7	9.2	14.7	7.4	-3.1	126.0	202.4	1,423.2	2,285.5	3,708.7															

TABLE 12. BROAD RECONCILIATION OF PRIMARY INPUT AND FINAL DEMAND ESTIMATES, 1992-93
(\$ million)

Item	Input- Output item code	Differences					National Income and Expenditure (1993-94 Edition)
		Input- Output	Imputed bank service charge	Second hand assets	Imports cif adjustment	Source and methodology	
Final consumption expenditure -							
Private	Q1	247,317	-	-	-	5,348	252,665
Government	Q2	75,925	-1,211	-	-	-	74,714
Gross fixed capital expenditure -							
Private	Q3	63,171	-	-	-	-1,793	61,378
Public enterprises	Q4	10,082	-	-	-	-	10,082
General government	Q5	9,199	-	-	-	-	9,199
Increase in stocks	Q6	-12	-	-	-	304	292
Statistical discrepancy	-	-	-	-	-	-2,933	-2,933
Exports of goods and services	Q7	76,890	-	124	-548	-	76,466
Less imports of goods and services	P6	78,280	-	124	-548	-	77,856
Expenditure on gross domestic product		404,292	-1,211	-	-	926	404,007
Wages, salaries and supplements	P1	190,348	-	-	-	11,235	201,583
Gross operating surplus	P2	168,169	-1,211	-	-	-10,149	156,809
Indirect taxes less subsidies	P3+P4+P7	45,775	-	-	-	-160	45,615
Sales by final buyers	P5	-	-	-	-	-	-
Gross domestic product		404,292	-1,211	-	-	926	404,007

TABLE 13. RECONCILIATION OF WAGES, SALARIES AND SUPPLEMENTS, AND GROSS OPERATING SURPLUS BY INDUSTRY, 1992-93
(\$ million)

Industry	Input-Output industry code	Input-Output	Differences			National Income and Expenditure (1993-94 Edition)
			Imputed bank service charge	Redefinition	Source and methodology	
Wages, salaries and supplements						
Agriculture, forestry and fishing	0101-0400	2,999		-16		2,983
Mining	1101-1500	4,418		-30	503	4,891
Manufacturing	2101-2903	29,900		-278	3,262	32,884
Electricity, gas and water	3601-3701	3,832		-185	441	4,088
Construction	4101-4102	11,196		-166	3,619	14,649
Wholesale and retail trade	4501-5402	27,688		258	3,410	31,356
Accommodation, cafes and restaurants	5701	5,513		-18		5,495
Transport and storage	6101-6601	9,348		53		9,401
Communication	7101	4,601				4,601
Finance and insurance	7301-7501	11,679		-4		11,675
Property and business services	7702-7803	17,703		-21		17,682
Government administration and defence	8101-8201	14,283		428		14,711
Education	8401	18,658				18,658
Health and community services	8601-8701	19,046		-6		19,040
Cultural and recreational services	9101-9301	3,238		-6		3,232
Personal and other services	9501-9601	6,246		-9		6,237
Total		190,348			11,235	201,583
Gross operating surplus						
Agriculture, forestry and fishing	0101-0400	8,981	284			9,265
Mining	1101-1500	14,029	288	-32	-2,139	12,146
Manufacturing	2101-2903	18,838	1,758	-760	-1,232	18,604
Electricity, gas and water	3601-3701	9,577	234	-21	-539	9,251
Construction	4101-4102	11,715	596		-2,954	9,357
Wholesale and retail trade	4501-5402	20,327	827	689	-3,285	18,558
Accommodation, cafes and restaurants	5701	2,412	139	-11		2,540
Transport and storage	6101-6601	11,765	358	142		12,265
Communication	7101	5,562	139			5,701
Finance and insurance	7301-7501	11,400	1,242			12,642
Property and business services	7702-7803	11,997	525			12,522
Government administration and defence	8101-8201	1,493				1,493
Education	8401	1,652	2			1,654
Health and community services	8601-8701	3,877	33			3,910
Cultural and recreational services	9101-9301	2,252	137	-2		2,387
Personal and other services	9501-9601	1,255	128	-5		1,378
Ownership of dwellings	7701	31,037	4,422			35,459
Nominal industry			-12,323			-12,323
Total		168,169	-1,211		-10,149	156,809

TABLE 14. SPECIALISATION AND COVERAGE RATIOS BY INDUSTRY, 1992-93

<i>Industry</i>	<i>Specialisation ratio</i>	<i>Coverage ratio</i>	
0101	Sheep	100.0	100.0
0102	Grains	100.0	100.0
0103	Beef cattle	100.0	100.0
0104	Dairy cattle	100.0	100.0
0105	Pigs	100.0	100.0
0106	Poultry	100.0	100.0
0107	Other agriculture	100.0	100.0
0200	Services to agriculture; hunting and trapping	100.0	100.0
0300	Forestry and logging	99.9	100.0
0400	Commercial fishing	100.0	100.0
1100	Coal; oil and gas	99.6	100.0
1301	Iron ores	99.0	100.0
1302	Non-ferrous metal ores	99.1	100.0
1400	Other mining	99.6	99.0
1500	Services to mining	100.0	100.0
2101	Meat and meat products	99.1	99.2
2102	Dairy products	98.4	99.4
2103	Fruit and vegetable products	94.6	96.3
2104	Oils and fats	99.6	96.0
2105	Flour mill products and cereal foods	93.8	97.6
2106	Bakery products	97.0	99.5
2107	Confectionery	98.6	98.4
2108	Other food products	97.2	97.2
2109	Soft drinks, cordials and syrups	96.6	96.2
2110	Beer and malt	99.7	100.0
2111	Wine and spirits	99.0	99.7
2112	Tobacco products	98.9	100.0
2201	Wool scouring	99.9	99.2
2202	Textile fibres, yarns and woven fabrics	95.1	97.6
2203	Textile products	95.1	90.6
2204	Knitting mill products	96.1	82.9
2205	Clothing	93.2	98.7
2206	Footwear	96.4	99.0
2207	Leather and leather products	92.2	97.2
2301	Sawmill products	97.3	98.9
2302	Plywood, veneer and fabricated wood	97.4	98.7
2303	Other wood products	94.3	92.7
2304	Pulp, paper and paperboard	99.2	97.2
2305	Paperboard containers; paper bags and sacks	94.7	99.5
2306	Other paper products	92.9	97.1
2401	Printing and services to printing	95.4	98.2
2402	Publishing; recorded media and publishing	98.6	95.8
2501	Petroleum and coal products	99.3	99.6
2502	Fertilisers	93.1	94.0
2503	Other basic chemicals	95.6	97.1
2504	Paints	98.7	97.4
2505	Medicinal and pharmaceutical products; pesticides	98.2	98.8
2506	Soap and other detergents	96.5	88.9
2507	Cosmetics and toiletry preparations	84.0	89.8
2508	Other chemical products	91.6	89.6
2509	Rubber products	96.1	99.3
2510	Plastic products	95.7	96.8
2601	Glass and glass products	97.1	98.6
2602	Ceramic products	99.1	99.9
2603	Cement and lime	97.3	99.9
2604	Concrete slurry	99.3	99.7
2605	Plaster and other concrete products	98.6	99.2
2606	Other non-metallic mineral products	95.8	93.6
2701	Iron and steel	95.5	99.0
2702	Basic non-ferrous metal and products	99.3	98.5
2703	Structural metal products	94.5	93.3
2704	Sheet metal products	93.8	93.5
2705	Fabricated metal products	94.4	91.6
2801	Motor vehicles and parts; other transport equipment	98.3	99.0
2802	Ships and boats	98.2	99.7
2803	Railway equipment	90.5	99.2
2804	Aircraft	98.3	100.0
2805	Photographic and scientific equipment	93.8	93.7
2806	Electronic equipment	94.2	97.7
2807	Household appliances	93.9	96.6
2808	Other electrical equipment	94.0	98.6
2809	Agricultural machinery	83.9	93.1
2810	Mining and construction machinery; lifting and material handling equipment	77.0	89.7
2811	Other machinery and equipment	90.7	80.0

TABLE 14. SPECIALISATION AND COVERAGE RATIOS BY INDUSTRY, 1992-93 - *continued*

<i>Industry</i>	<i>Specialisation ratio</i>	<i>Coverage ratio</i>
2901 Prefabricated buildings	91.2	80.9
2902 Furniture	94.8	97.2
2903 Other manufacturing	96.5	95.0
3601 Electricity supply	99.6	99.8
3602 Gas supply	98.5	100.0
3701 Water supply; sewerage and drainage services	99.3	100.0
4101 Residential building construction	99.4	100.0
4102 Other construction	98.9	98.1
4501 Wholesale trade	99.9	100.0
5101 Retail trade	100.0	100.0
5401 Mechanical repairs	100.0	99.5
5402 Other repairs	100.0	99.5
5701 Accommodation, cafes and restaurants	100.0	99.9
6101 Road transport	99.8	100.0
6201 Rail, pipeline and other transport	99.1	100.0
6301 Water transport	100.0	100.0
6401 Air and space transport	100.0	100.0
6601 Services to transport; storage	99.1	100.0
7101 Communication services	95.9	100.0
7301 Banking	98.8	100.0
7302 Non-bank finance	98.9	100.0
7303 Financial asset investors	100.0	100.0
7401 Insurance	80.0	100.0
7501 Services to finance, investment and insurance	100.0	100.0
7701 Ownership of dwellings	100.0	100.0
7702 Other property services	100.0	82.2
7801 Scientific research, technical and computer services	100.0	99.4
7802 Legal, accounting, marketing and business management services	99.2	97.1
7803 Other business services	100.0	97.6
8101 Government administration	100.0	100.0
8201 Defence	100.0	100.0
8401 Education	100.0	100.0
8601 Health services	100.0	100.0
8701 Community services	100.0	100.0
9101 Motion picture, radio and television services	100.0	100.0
9201 Libraries, museums and the arts	100.0	100.0
9301 Sport, gambling and recreational services	100.0	100.0
9501 Personal services	100.0	100.0
9601 Other services	100.0	100.0

TABLE 15. EMPLOYMENT (a) BY INDUSTRY, 1992-93

	Employees			Employed persons (b)			
	Full-time	Part-time	Full-time	Full-time	Part-time	Full-time	
			equivalent			equivalent	
			(c)			(c)	
0101	Sheep	10,859	2,361	12,040	43,889	13,389	50,584
0102	Grains	15,089	3,281	16,729	60,985	18,605	70,287
0103	Beef cattle	14,177	3,083	15,719	57,301	17,481	66,041
0104	Dairy cattle	4,175	925	4,638	16,875	5,125	19,438
0105	Pigs	2,351	790	2,747	5,247	1,811	6,153
0106	Poultry	4,300	1,625	5,113	6,525	2,600	7,825
0107	Other agriculture	36,624	12,310	42,778	81,728	28,214	95,835
0200	Services to agriculture; hunting and trapping	8,300	1,275	8,938	14,475	2,950	15,950
0300	Forestry and logging	9,025	575	9,313	10,000	1,000	10,500
0400	Commercial fishing	5,000	975	5,488	12,375	3,425	14,088
1100	Coal; oil and gas	30,775	350	30,950	30,775	350	30,950
1301	Iron ores	8,527	239	8,647	8,580	252	8,706
1302	Non-ferrous metal ores	23,598	661	23,928	23,745	698	24,094
1400	Other mining	7,375	550	7,650	8,750	875	9,188
1500	Services to mining	11,500	650	11,825	11,950	825	12,363
2101	Meat and meat products	49,200	4,425	51,413	49,950	4,700	52,300
2102	Dairy products	15,075	1,600	15,875	15,275	1,600	16,075
2103	Fruit and vegetable products	7,925	1,075	8,463	8,150	1,075	8,688
2104	Oils and fats	2,300	50	2,325	2,300	50	2,325
2105	Flour mill products and cereal foods	7,650	475	7,888	7,800	475	8,038
2106	Bakery products	21,400	7,825	25,313	24,550	8,625	28,863
2107	Confectionery	8,357	988	8,851	8,564	1,057	9,093
2108	Other food products	21,893	2,587	23,187	22,436	2,768	23,820
2109	Soft drinks, cordials and syrups	6,224	558	6,503	6,419	577	6,708
2110	Beer and malt	4,939	443	5,160	5,094	458	5,322
2111	Wine and spirits	5,563	499	5,812	5,737	516	5,995
2112	Tobacco products	4,250	25	4,263	4,250	25	4,263
2201	Wool scouring	1,606	74	1,643	1,623	79	1,663
2202	Textile fibres, yarns and woven fabrics	12,544	576	12,832	12,677	621	12,987
2203	Textile products	11,250	1,225	11,863	12,500	1,650	13,325
2204	Knitting mill products	4,925	650	5,250	5,100	675	5,438
2205	Clothing	35,625	4,650	37,950	41,700	7,500	45,450
2206	Footwear	7,375	500	7,625	7,775	675	8,113
2207	Leather and leather products	3,225	425	3,438	3,675	500	3,925
2301	Sawmill products	13,975	1,300	14,625	15,950	2,125	17,013
2302	Plywood, veneer and fabricated wood	5,025	463	5,256	5,741	759	6,121
2303	Other wood products	21,275	1,962	22,256	24,309	3,216	25,917
2304	Pulp, paper and paperboard	5,670	381	5,861	5,734	421	5,944
2305	Paperboard containers; paper bags and sacks	8,367	563	8,649	8,461	621	8,772
2306	Other paper products	3,812	256	3,940	3,855	283	3,996
2401	Printing and services to printing	45,375	9,750	50,250	47,475	10,875	52,913
2402	Publishing; recorded media and publishing	40,025	8,350	44,200	41,850	9,325	46,513
2501	Petroleum and coal products	7,300	250	7,425	7,300	250	7,425
2502	Fertilisers	2,592	110	2,647	2,632	110	2,687
2503	Other basic chemicals	12,133	515	12,390	12,318	515	12,576
2504	Paints	5,757	427	5,970	5,855	431	6,071
2505	Medicinal and pharmaceutical products; pesticides	13,421	995	13,918	13,651	1,005	14,154
2506	Soap and other detergents	3,998	296	4,147	4,067	299	4,217
2507	Cosmetics and toiletry preparations	3,110	230	3,225	3,163	233	3,280
2508	Other chemical products	5,764	427	5,978	5,863	432	6,079
2509	Rubber products	10,325	275	10,463	10,325	300	10,475
2510	Plastic products	31,750	2,450	32,975	32,550	2,700	33,900
2601	Glass and glass products	6,000	400	6,200	6,550	800	6,950
2602	Ceramic products	12,425	1,325	13,088	14,300	1,900	15,250
2603	Cement and lime	3,161	102	3,212	3,259	153	3,336
2604	Concrete slurry	5,499	178	5,588	5,670	267	5,804
2605	Plaster and other concrete products	12,966	420	13,176	13,370	630	13,685
2606	Other non-metallic mineral products	4,200	125	4,263	4,675	175	4,763
2701	Iron and steel	39,300	1,000	39,800	40,000	1,200	40,600
2702	Basic non-ferrous metal and products	25,875	400	26,075	26,025	525	26,288
2703	Structural metal products	33,191	6,121	36,252	41,581	8,720	45,941
2704	Sheet metal products	53,849	9,931	58,815	67,460	14,147	74,533
2705	Fabricated metal products	33,334	6,148	36,408	41,760	8,758	46,138
2801	Motor vehicles and parts; other transport equipment	92,700	93,600	139,500	114,625	97,825	163,538
2802	Ships and boats	28,150	27,800	42,050	28,475	27,875	42,413
2803	Railway equipment	65,925	9,650	70,750	96,500	17,825	105,413
2804	Aircraft	34,750	7,550	38,525	51,250	11,900	57,200
2805	Photographic and scientific equipment	54,650	675	54,988	54,650	675	54,988
2806	Electronic equipment	7,800	975	8,288	10,100	1,625	10,913
2807	Household appliances	2,475	475	2,713	2,475	475	2,713
2808	Other electrical equipment	149,025	28,375	163,213	149,175	28,425	163,388
2809	Agricultural machinery	34,388	6,523	37,650	34,436	6,545	37,708
2810	Mining and construction machinery; lifting and material	9,675	1,725	10,538	9,750	1,775	10,638
2811	Other machinery and equipment	7,475	1,200	8,075	7,600	1,625	8,413

TABLE 15. EMPLOYMENT (a) BY INDUSTRY, 1992-93

	Employees			Employed persons (b)		
	Full-time	Part-time	Full-time equivalent	Full-time	Part-time	Full-time equivalent
			(c)			(c)
2901 Prefabricated buildings	2,525	200	2,625	2,800	250	2,925
2903 Other manufacturing	11,975	1,725	12,838	16,125	3,450	17,850
3601 Electricity supply	57,750	1,425	58,463	57,800	1,425	58,513
3602 Gas supply	7,050	350	7,225	7,050	425	7,263
3701 Water supply; sewerage and drainage services	30,175	700	30,525	30,175	700	30,525
4101 Residential building construction	62,708	6,806	66,111	99,624	17,688	108,468
4102 Other construction	222,242	24,119	234,302	353,076	62,687	384,419
4501 Wholesale trade	365,637	53,582	392,428	401,886	69,124	436,448
5101 Retail trade	406,011	354,285	583,153	548,989	403,532	750,755
5401 Mechanical repairs	58,207	11,812	64,113	73,280	16,683	81,621
5402 Other repairs	51,295	10,470	56,530	63,220	14,286	70,363
5701 Accommodation, cafes and restaurants	150,225	151,075	225,763	179,425	156,675	257,763
6101 Road transport	100,675	17,200	109,275	147,750	29,725	162,613
6201 Rail, pipeline and other transport	55,500	1,000	56,000	55,725	1,075	56,263
6301 Water transport	6,000	850	6,425	6,025	950	6,500
6401 Air and space transport	32,075	3,250	33,700	32,575	3,625	34,388
6601 Services to transport; storage	67,800	6,775	71,188	72,500	8,000	76,500
7101 Communication services	108,700	9,725	113,563	111,925	11,325	117,588
7301 Banking	126,787	24,052	138,813	126,964	24,130	139,029
7302 Non-bank finance	34,388	6,523	37,650	34,436	6,545	37,708
7303 Financial asset investors	7,475	1,200	8,075	7,600	1,625	8,413
7401 Insurance	56,875	5,900	59,825	59,600	6,500	62,850
7501 Services to finance, investment and insurance	35,875	5,675	38,713	42,425	8,400	46,625
7701 Ownership of dwellings	--	--	--	--	--	--
7702 Other property services	70,300	14,425	77,513	87,050	21,975	98,038
7801 Scientific research, technical and computer services	97,825	21,600	108,625	113,400	29,450	128,125
7802 Legal, accounting, marketing and business management	127,075	36,850	145,500	160,000	50,650	185,325
7803 Other business services	90,625	33,675	107,463	106,000	47,200	129,600
8101 Government administration	304,625	36,375	322,813	304,725	36,575	323,013
8201 Defence	87,511	525	87,774	87,511	525	87,774
8401 Education	378,200	152,275	454,338	383,175	164,775	465,563
8601 Health services	337,600	193,100	434,150	357,850	200,575	458,138
8701 Community services	72,025	49,200	96,625	77,925	52,375	104,113
9101 Motion picture, radio and television services	21,100	7,975	25,088	27,025	12,725	33,388
9201 Libraries, museums and the arts	18,750	8,675	23,088	21,500	10,675	26,838
9301 Sport, gambling and recreational services	36,025	29,650	50,850	46,425	36,275	64,563
9501 Personal services	63,150	33,950	80,125	99,200	57,025	127,713
9601 Other services	109,925	25,175	122,513	112,275	26,625	125,588
Total	4,973,011	1,455,125	5,700,574	5,869,786	1,796,325	6,767,949

(a) Source: ABS Labour Force Survey. Average of data for the middle month of each of the four quarters.

(b) Employees, employers, own account workers and contributing family workers.

(c) Full-time equivalent is measured as full-time plus 50% of part-time employment.

TABLE 16. COMPOSITION OF SUPPLY OF COMMODITY GROUPS CONTAINING MARGIN COMMODITIES, 1992-93
(\$ million)

Commodity Group	Margin commodity	Non-Margin commodity	Total
4501 Wholesale trade	32,469	1,534	34,003
5101 Retail trade	34,217	737	34,954
5701 Accommodation, cafes and restaurants	4,190	12,125	16,315
6101 Road transport	10,096	4,510	14,606
6201 Rail, pipeline and other transport	3,085	1,907	4,992
6301 Water transport	815	3,375	4,190
6401 Air and space transport	440	11,056	11,496
6601 Services to transport; storage	441	10,609	11,050
7401 Insurance	69	8,284	8,353
Total	85,822	54,137	139,959

TABLE 17. OUTPUT MULTIPLIERS, DIRECT ALLOCATION OF COMPETING IMPORTS, 1992-93

Industry	Initial Effects	First Round Effects	Industrial Support		Production Induced		Consumption Induced		Simple Multipliers	Total Multipliers	Type 1A Multipliers	Type 1B Multipliers	Type 2A Multipliers	Type 2B Multipliers
			Effects	Effects	Effects	Effects	Effects	Effects						
1 Agriculture; hunting	1.000	0.431	0.325	0.756	0.580	1.756	2.336	1.431	1.756	2.336	1.756	2.336	1.336	
2 Forestry and fishing	1.000	0.458	0.373	0.831	0.946	1.831	2.777	1.458	1.831	2.777	1.831	2.777	1.777	
3 Mining	1.000	0.346	0.233	0.579	0.607	1.579	2.186	1.346	1.579	2.186	1.579	2.186	1.186	
4 Meat and dairy products	1.000	0.773	0.609	1.382	0.804	2.382	3.186	1.773	2.382	3.186	2.382	3.186	2.186	
5 Other food products	1.000	0.655	0.554	1.209	0.903	2.209	3.112	1.655	2.209	3.112	2.209	3.112	2.112	
6 Beverages and tobacco products	1.000	0.590	0.483	1.073	0.805	2.073	2.878	1.590	2.073	2.878	2.073	2.878	1.878	
7 Textiles	1.000	0.582	0.445	1.027	0.877	2.027	2.904	1.582	2.027	2.904	2.027	2.904	1.904	
8 Clothing and footwear	1.000	0.456	0.392	0.848	0.957	1.848	2.805	1.456	1.848	2.805	1.848	2.805	1.805	
9 Wood and wood products	1.000	0.570	0.485	1.055	1.032	2.055	3.087	1.570	2.055	3.087	2.055	3.087	2.087	
10 Paper, printing and publishing	1.000	0.417	0.287	0.704	0.945	1.704	2.649	1.417	1.704	2.649	1.704	2.649	1.649	
11 Petroleum and coal products	1.000	0.532	0.323	0.855	0.422	1.855	2.277	1.532	1.855	2.277	1.855	2.277	1.277	
12 Chemicals	1.000	0.508	0.399	0.907	0.753	1.907	2.660	1.508	1.907	2.660	1.907	2.660	1.660	
13 Rubber and plastic products	1.000	0.471	0.362	0.833	0.892	1.833	2.725	1.471	1.833	2.725	1.833	2.725	1.725	
14 Non-metallic mineral products	1.000	0.562	0.412	0.974	0.874	1.974	2.848	1.562	1.974	2.848	1.974	2.848	1.848	
15 Basic metals and products	1.000	0.569	0.425	0.994	0.748	1.994	2.742	1.569	1.994	2.742	1.994	2.742	1.742	
16 Fabricated metal products	1.000	0.558	0.499	1.057	0.990	2.057	3.047	1.558	2.057	3.047	2.057	3.047	2.047	
17 Transport equipment	1.000	0.533	0.438	0.971	0.940	1.971	2.911	1.533	1.971	2.911	1.971	2.911	1.911	
18 Other machinery and equipment	1.000	0.432	0.336	0.768	0.768	1.768	2.687	1.432	1.768	2.687	1.768	2.687	1.687	
19 Miscellaneous manufacturing	1.000	0.549	0.454	1.003	1.027	2.003	3.030	1.549	2.003	3.030	2.003	3.030	2.030	
20 Electricity, gas and, water	1.000	0.437	0.305	0.742	0.645	1.742	2.387	1.437	1.742	2.387	1.742	2.387	1.387	
21 Construction	1.000	0.452	0.363	0.815	0.941	1.815	2.756	1.452	1.815	2.756	1.815	2.756	1.756	
22 Wholesale trade	1.000	0.291	0.188	0.479	1.075	1.479	2.554	1.291	1.479	2.554	1.479	2.554	1.554	
23 Retail trade	1.000	0.396	0.252	0.648	1.181	1.648	2.829	1.396	1.648	2.829	1.648	2.829	1.829	
24 Repairs	1.000	0.265	0.196	0.461	0.795	1.461	2.256	1.265	1.461	2.256	1.461	2.256	1.256	
25 Accommodation, cafes & restaurants	1.000	0.460	0.377	0.837	1.176	1.837	3.013	1.460	1.837	3.013	1.837	3.013	2.013	
26 Transport and storage	1.000	0.357	0.246	0.603	0.813	1.603	2.416	1.357	1.603	2.416	1.603	2.416	1.416	
27 Communication services	1.000	0.254	0.156	0.410	0.891	1.410	2.301	1.254	1.410	2.301	1.410	2.301	1.301	
28 Finance and insurance	1.000	0.354	0.215	0.569	1.005	1.569	2.574	1.354	1.569	2.574	1.569	2.574	1.574	
29 Ownership of dwellings	1.000	0.255	0.173	0.428	0.233	1.428	1.661	1.255	1.428	1.661	1.428	1.661	0.661	
30 Property and business services	1.000	0.384	0.246	0.630	1.100	1.630	2.730	1.384	1.630	2.730	1.630	2.730	1.730	
31 Government administration	1.000	0.517	0.372	0.889	1.384	1.889	3.273	1.517	1.889	3.273	1.889	3.273	2.273	
32 Education	1.000	0.072	0.048	0.120	1.901	1.120	3.021	1.072	1.120	3.021	1.120	3.021	2.021	
33 Health and community services	1.000	0.255	0.172	0.427	1.494	1.427	2.921	1.255	1.427	2.921	1.427	2.921	1.921	
34 Cultural and recreational services	1.000	0.470	0.321	0.791	0.971	1.791	2.762	1.470	1.791	2.762	1.791	2.762	1.762	
35 Personal and other services	1.000	0.333	0.228	0.561	1.394	1.561	2.955	1.333	1.561	2.955	1.561	2.955	1.955	

APPENDIX A

ILLUSTRATION OF RAS METHOD

The following illustration is quoted from the publication *Input-Output Tables and Analysis, Studies in Methods*, Series F, No. 4, Rev. 1, United Nations, New York 1973. For simplicity the flows included are hypothetical. Except for algebraic notation which remains unchanged, the descriptions used in this illustration have been amended to correspond with usage elsewhere in this publication.

(a) Input-output table for year 0

Usage Supply	Industry			Intermediate usage	Final demand	Total supply
	A	B	C			
Commodity A	50	100		150	50	200
Commodity B	30	50	20	100	200	300
Commodity C	20	50	30	100	100	200
Intermediate usage	100	200	50	350	350	700
Primary inputs	100	100	150	350		
Total usage	200	300	200	700		

(b) Available data for year 1

Usage Supply	Industry			Intermediate usage u^*	Final demand	Total supply
	A	B	C			
Commodity A				160	40	200
Commodity B				150	250	400
Commodity C				120	180	300
Intermediate usage v^*	100	250	80	430	470	900
Primary inputs	100	150	220	470		
Total usage q_1	200	400	300	900		

(c) Input-output coefficients for year 0, matrix A_0 . The coefficients are obtained by dividing the intermediate usage recorded in each cell by total usage.

	A	B	C
A	0.25	0.333	0
B	0.15	0.167	0.1
C	0.1	0.167	0.15

The objective of the following operations is to obtain flows that satisfy the constraints u^* and v^* . That is the operations will continue until $u_n \equiv u^*$ and $v_n \equiv v^*$, where n is the number of iterations required for the condition to be met.

(d) Year 0 coefficients applied to year 1 total usage, matrix $A_0 q_1$ and calculation of first row multipliers (vector r_n).

	A	B	C	u_1	u^*	$r_1 = u^*/u_1$
A	50	133.3	0	183.3	160	0.873
B	30	66.7	30	126.7	150	1.184
C	20	66.7	45	131.7	120	0.911
v_1	100	266.7	75			
v^*	100	250	80			

- (e) Adjustment of matrix along rows and calculation of first required *column* multipliers (vector s_1).
Multiply the matrix at (d) along its rows by r_1 and obtain:

	A	B	C	u^*
A	43.6	116.4	0	160
B	35.5	79	35.5	150
C	18.2	60.8	40.1	120
v_1	97.3	256.2	76.5	
v^*	100	250	80	
$s_1 = v^*/v_1$	1.027	0.976	1.046	

- (f) Adjustment down columns and calculation of second required row multipliers.
Multiply the matrix at (e) down its columns by s_1 and obtain:

	A	B	C	u_2	u^*	$r_2 = u^*/u_2$
A	44.8	113.6	0	158.4	160	1.01
B	36.5	77.1	37.1	150.7	150	0.996
C	18.7	59.3	42.9	120.9	120	0.992
$v = v^*$	100	250	80			

- (g) Adjustment successively to rows and columns continues until both $u \equiv u^*$ and $v \equiv v^*$ with the final matrix:

	A	B	C	Row multipliers
A	45.3	114.7	0	0.884
B	36.2	76.6	37.2	1.177
C	18.5	58.7	42.8	0.902
Column multipliers	1.025	0.974	1.054	

The completed table for year 1

Usage	Industry			Intermediate usage u^*	Final demand	Total supply
	A	B	C			
Supply						
Commodity A	45.3	114.7	0	160	40	200
Commodity B	36.2	76.6	37.2	150	250	400
Commodity C	18.5	58.7	42.8	120	180	300
Intermediate usage v^*	100	250	80	430	470	900
Primary inputs	100	150	220	470		
Total usage q_1	200	400	300	900		

MODIFIED RAS METHOD

(a) Available data for year 1

In this illustration the input of B to A is exogenously determined in year 1. The table is otherwise the same as the table in step (b) in the above illustration of the simple RAS method.

Supply \ Usage	Industry			Intermediate usage	Final demand	Total supply
	A	B	C			
A				160	40	200
Commodity B	40			150	250	400
C				120	180	300
Intermediate usage	100	250	80	430	470	900
Primary inputs	100	150	220	470		
Total usage	200	400	300	900		

(b) Year 0 coefficients applied to year 1 usage.

The known input of B into A is excluded from the matrix and from u^* and v^* before the adjustment process begins.

	A	B	C	u_i	u^*	$r_i = u^*/u_i$
A	50	133.3	0	183.3	160	0.873
B		66.7	30	96.7	110	1.138
C	20	66.7	45	131.7	120	0.911
v_i	70	266.7	75			
v^*	60	250	80			

(c) The completed table for year 1.

The RAS adjustment is applied to the reduced matrix as in the illustration of the simple RAS method and when a solution is obtained the exogenous cell value of 40 is entered in the result to form the final table.

Supply \ Usage	Industry			Intermediate usage u^*	Final demand	Total supply
	A	B	C			
A	42.7	117.3	0	160	10	200
Commodity B	40	73.7	36.3	150	250	400
C	17.3	59	43.7	120	180	300
Intermediate usage v^*	100	250	80	430	470	900
Primary inputs	100	150	220	470		
Total usage q_i	200	400	300	900		

APPENDIX B

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
1 Agriculture; hunting and trapping			
0101	Sheep	0122 (part) 0123 (part) 0124	Grain-Sheep and Grain-Beef Cattle Farming Sheep-Beef Cattle Farming Sheep Farming
0102	Grains	0121 0122 (part)	Grain Growing Grain-Sheep and Grain-Beef Cattle Farming
0103	Beef cattle	0122 (part) 0123 (part) 0125	Grain-Sheep and Grain-Beef Cattle Farming Sheep-Beef Cattle Farming Beef Cattle Farming
0104	Dairy cattle	0130	Dairy Cattle Farming
0105	Pigs	0151	Pig Farming
0106	Poultry	0141.2	Poultry Farming
0107	Other agriculture	0111 0112 0113 0114-7,9 0152,3,9 0161,2,9	Plant Nurseries Cut Flower and Flower Seed Growing Vegetable Growing Fruit Growing Other Livestock Farming Other Crop Growing
0200	Services to agriculture; hunting and trapping	0211-3,9 0220	Services to Agriculture Hunting and Trapping
2 Forestry and fishing			
0300	Forestry and logging	0301-3	Forestry and Logging
0400	Commercial fishing	0411-5,9 0420	Marine Fishing Aquaculture
3 Mining			
1100	Coal; oil and gas	1101,2 1200	Coal Mining Oil and Gas Extraction
1301	Iron ores	1311	Iron Ore Mining
1302	Non-ferrous metal ores	1312-7,9	Non-Ferrous Metal Ore Mining
1400	Other mining	1411,9 1420	Construction Material Mining Mining n.e.c.
1500	Services to mining	1511-4 1520	Exploration Other Mining Services
4 Meat and dairy products			
2101	Meat and meat products	2111-3	Meat and Meat Product Manufacturing
2102	Dairy products	2121,2,9	Dairy Product Manufacturing

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC – continued

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
5 Other food products			
2103	Fruit and vegetable products	2130	Fruit and Vegetable Processing
2104	Oils and fats	2140	Oil and Fat Manufacturing
2105	Flour mill products and cereal foods	2151,2	Flour Mill and Cereal Food Manufacturing
2106	Bakery products	2161,3	Bakery Product Manufacturing
2107	Confectionery	2172	Confectionery Manufacturing
2108	Other food products	2171,3,4,9	Other Food Manufacturing
6 Beverages and tobacco products			
2109	Soft drinks, cordials and syrups	2181	Soft Drink, Cordial and Syrup Manufacturing
2110	Beer and malt	2182	Beer and Malt Manufacturing
2111	Wine and spirits	2183	Wine Manufacturing
		2184	Spirit Manufacturing
2112	Tobacco products	2190	Tobacco Product Manufacturing
7 Textiles			
2201	Wool scouring	2211	Wool Scouring
2202	Textile fibres, yarns and woven fabrics	2212	Synthetic Fibre Textile Manufacturing
		2213	Cotton Textile Manufacturing
		2214	Wool Textile Manufacturing
		2215	Textile Finishing
2203	Textile products	2221-3,9	Textile Product Manufacturing
8 Clothing and footwear			
2204	Knitting mill products	2231,2,9	Knitting Mill Product Manufacturing
2205	Clothing	2241-3,9	Clothing Manufacturing
2206	Footwear	2250	Footwear Manufacturing
2207	Leather and leather products	2261,2	Leather and Leather Product Manufacturing
9 Wood and wood products			
2301	Sawmill products	2311-3	Log Sawmilling and Timber Dressing
2302	Plywood, veneer and fabricated wood	2321	Plywood and Veneer Manufacturing
		2322	Fabricated Wood Manufacturing
2303	Other wood products	2323	Wooden Structural Component Manufacturing
		2329	Wood Product Manufacturing n.e.c.
10 Paper and paper products; printing and publishing			
2304	Pulp, paper and paperboard	2331	Pulp, Paper and Paperboard Manufacturing
2305	Paperboard containers; paper bags and sacks	2332	Solid Paperboard Container Manufacturing
		2333	Corrugated Paperboard Container Manufacturing
		2334	Paper Bag and Sack Manufacturing

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC – continued

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
10 Paper and paper products, printing and publishing - continued			
2306	Other paper products	2339	Paper Product Manufacturing n.e.c.
2401	Printing and services to printing	2411-3	Printing and Services to Printing
2402	Publishing; recorded media and publishing	2421-3	Publishing
		2430	Recorded Media Manufacturing and Publishing
11 Petroleum and coal products			
2501	Petroleum and coal products	2510	Petroleum Refining
		2520	Petroleum and Coal Product Manufacturing
12 Chemicals			
2502	Fertilisers	2531	Fertiliser Manufacturing
2503	Other basic chemicals	2532	Industrial Gas Manufacturing
		2533	Synthetic Resin Manufacturing
		2534	Organic Industrial Chemical Manufacturing n.e.c.
		2535	Inorganic Industrial Chemical Manufacturing n.e.c.
2504	Paints	2542	Paint Manufacturing
2505	Medicinal and pharmaceutical products; pesticides	2543	Medicinal and Pharmaceutical Product Manufacturing
		2544	Pesticide Manufacturing
2506	Soap and other detergents	2545	Soap and Other Detergent Manufacturing
2507	Cosmetic and toiletry preparations	2546	Cosmetic and Toiletry Preparation Manufacturing
2508	Other chemical products	2541	Explosive Manufacturing
		2547	Ink Manufacturing
		2549	Chemical Product Manufacturing n.e.c.
13 Rubber and plastic products			
2509	Rubber products	2551,9	Rubber Product Manufacturing
2510	Plastic products	2561-6	Plastic Product Manufacturing
14 Non-metallic mineral products			
2601	Glass and glass products	2610	Glass and Glass Product Manufacturing
2602	Ceramic products	2621-3,9	Ceramic Product Manufacturing
2603	Cement and lime	2631	Cement and Lime Manufacturing
2604	Concrete slurry	2633	Concrete Slurry Manufacturing
2605	Plaster and other concrete products	2632	Plaster Product Manufacturing
		2634	Concrete Pipe and Box Culvert Manufacturing
		2635	Concrete Product Manufacturing n.e.c.
2606	Other non-metallic mineral products	2640	Non-Metallic Mineral Product Manufacturing n.e.c.

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC – continued

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
15 Basic metals and products			
2701	Iron and steel	2711-3	Iron and Steel Manufacturing
2702	Basic non-ferrous metals and products	2721-3,9 2731-3	Basic Non-Ferrous Metal Manufacturing Non-Ferrous Basic Metal Product Manufacturing
16 Fabricated metal products			
2703	Structural metal products	2741,2,9	Structural Metal Product Manufacturing
2704	Sheet metal products	2751,9	Sheet Metal Product Manufacturing
2705	Fabricated metal products	2761-5,9	Fabricated Metal Product Manufacturing
17 Transport equipment			
2801	Motor vehicles and parts; other transport equipment	2811-3,9 2829	Motor Vehicle and Part Manufacturing Transport Equipment Manufacturing n.e.c.
2802	Ships and boats	2821 2822	Shipbuilding Boatbuilding
2803	Railway equipment	2823	Railway Equipment Manufacturing
2804	Aircraft	2824	Aircraft Manufacturing
18 Other machinery and equipment			
2805	Photographic and scientific equipment	2831,2,9	Photographic and Scientific Equipment Manufacturing
2806	Electronic equipment	2841,2,9	Electronic Equipment Manufacturing
2807	Household appliances	2851	Household Appliance Manufacturing
2808	Other electrical equipment	2852 2853 2854 2859	Electric Cable and Wire Manufacturing Battery Manufacturing Electric Light and Sign Manufacturing Electrical Equipment Manufacturing n.e.c.
2809	Agricultural machinery	2861	Agricultural Machinery Manufacturing
2810	Mining and construction machinery; lifting and material handling equipment	2862 2865	Mining and Construction Machinery Manufacturing Lifting and Material Handling Equipment Manufacturing
2811	Other machinery and equipment	2863 2864 2866 2867 2869	Food Processing Machinery Manufacturing Machine Tool and Part Manufacturing Pump and Compressor Manufacturing Commercial Space Heating and Cooling Equipment Manufacturing Industrial Machinery and Equipment Manufacturing n.e.c.

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC – continued

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
19 Miscellaneous manufacturing			
2901	Prefabricated buildings	2911,9	Prefabricated Building Manufacturing
2902	Furniture	2921-3,9	Furniture Manufacturing
2903	Other manufacturing	2941,2,9	Other Manufacturing
20 Electricity, gas and water			
3601	Electricity supply	3610	Electricity Supply
3602	Gas supply	3620	Gas Supply
3701	Water supply; sewerage and drainage services	3701,2	Water Supply, Sewerage and Drainage Services
21 Construction			
4101	Residential building construction	4111	House Construction
		4112	Residential Building Construction n.e.c.
		4210-59 (part)	Construction Trade Services
4102	Other construction	4113	Non-Residential Building Construction
		4121,2	Non-Building Construction
		4210-59 (part)	Construction Trade Services
22 Wholesale trade			
4501	Wholesale trade	4511-4799 (part)	Wholesale Trade (other than Repairs)
23 Retail trade			
5101	Retail trade	5110-5329 (part)	Retail Trade (other than Repairs)
24 Repairs			
5401	Mechanical repairs	4611 (part)	Farm and Construction Machinery Wholesaling
		5311 (part)	Car Retailing
		5321 (part)	Automotive Fuel Retailing
		5322	Automotive Electrical Services
		5323	Smash Repairing
		5329	Automotive Repair and Services n.e.c.
5402	Other repairs	4511-4799 (part)	Wholesale Trade (Repairs nec)
		5261	Household Equipment Repair Services (Electrical)
		5269	Household Equipment Repair Services n.e.c.
		5110-5329 (part)	Retail Trade (Repairs nec)
25 Accommodation, cafes and restaurants			
5701	Accommodation, cafes and restaurants	5710	Accommodation
		5720	Pubs, Taverns and Bars
		5730	Cafes and Restaurants
		5740	Clubs (Hospitality)
26 Transport and storage			
6101	Road transport	6110	Road Freight Transport
		6121-3	Road Passenger Transport
6201	Rail, pipeline and other transport	6200	Rail Transport
		6501,9	Other Transport

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC – continued

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
26 Transport and storage - continued			
6301	Water transport	6301-3	Water Transport
6401	Air and space transport	6401-3	Air and Space Transport
6601	Services to transport; storage	6611,9	Services to Road Transport
		6621-3,9	Services to Water Transport
		6630	Services to Air Transport
		6641-4,9	Other Services to Transport
		6701,9	Storage
27 Communication services			
7101	Communication services	7111,2	Postal and Courier Services
		7120	Telecommunication Services
28 Finance and insurance			
7301	Banking	7310	Central Bank
		7321	Banks
7302	Non-bank finance	7322	Building Societies
		7323	Credit Unions
		7324	Money Market Dealers
		7329	Deposit Taking Financiers n.e.c.
		7330	Other Financiers
7303	Financial asset investors	7340	Financial Asset Investors
7401	Insurance	7411,2	Life Insurance and Superannuation Funds
		7421,2	Other Insurance
7501	Services to finance, investment and insurance	7511,9	Services to Finance and Investment
		7520	Services to Insurance
29 Ownership of dwellings			
7701	Ownership of dwellings	7711	Residential Property Operators
30 Property and business services			
7702	Other property services	7712	Commercial Property Operators and Developers
		7720	Real Estate Agents
		7730	Non-Financial Asset Investors
		7741-3	Machinery and Equipment Hiring and Leasing
7801	Scientific research, technical and computer services	7810	Scientific Research
		7821-3,9	Technical Services
		7831-4	Computer Services
7802	Legal, accounting, marketing and business management services	7841,2	Legal and Accounting Services
		7851-5	Marketing and Business Management Services
7803	Other business services	7861-7,9	Other Business Services

INPUT-OUTPUT INDUSTRY CLASSIFICATION: 1992-93 EDITION IN TERMS OF 1993 ANZSIC – continued

<i>Input-output industry classification</i>		<i>Corresponding ANZSIC industries</i>	
<i>Code</i>	<i>Description</i>	<i>Code</i>	<i>Description</i>
31 Government administration			
8101	Government administration	8111-3	Government Administration
		8120	Justice
		8130	Foreign Government Representation
8201	Defence	8200	Defence
32 Education			
8401	Education	8410	Preschool Education
		8421-4	School Education
		8431,2	Post School Education
		8440	Other Education
33 Health and community services			
8601	Health services	8611-3	Hospitals and Nursing Homes
		8621-3	Medical and Dental Services
		8631-6,9	Other Health Services
		8640	Veterinary Services
8701	Community services	8710	Child Care Services
		8721,2,9	Community Care Services
34 Cultural and recreational services			
9101	Motion picture, radio and television services	9111-3	Film and Video Services
		9121,2	Radio and Television Services
9201	Libraries, museums and the arts	9210	Libraries
		9220	Museums
		9231,9	Parks and Gardens
		9241,2	Arts
		9251,2,9	Services to the Arts
9301	Sport, gambling and recreational services	9311,2,9	Sport
		9321,2,9	Gambling Services
		9330	Other Recreation Services
35 Personal and other services			
9501	Personal services	9511,9	Personal and Household Goods Hiring
		9521-6,9	Other Personal Services
		9700	Private Households Employing Staff
9601	Other services	9610	Religious Organisations
		9621,2,9	Interest Groups
		9631-4	Public Order and Safety Services

APPENDIX C

IMPORTS (INCLUDING 'NON-CLASSIFIABLE' IMPORTS)
TREATED AS COMPLEMENTARY

This appendix shows the 1992-93 classification of complementary imports with a value of \$1 million or more at the foreign trade level. This corresponds to a value of \$10 million or more at the IOCC level.

CLASSIFICATION OF COMPLEMENTARY IMPORTS

1992-93 IOCC group	Foreign trade item	Balance of Payments item	Description	Value c.i.f. (\$million) 1992-93
01698000	0901.11		Coffee, not roasted, not decaffeinated	67.3
01698000	0901.12		Coffee, not roasted, decaffeinated	2.4
14208000	2510.10		Natural phosphates	74.0
01698300	4001.10		Natural rubber - latex	2.7
01698300	4001.20		- in primary forms (excl. latex)	51.7
01698300	4001.29		- in primary forms nes (excl. smoked sheets)	4.0
28298000	8711.10		Motorcycles (incl. mopeds) and cycles fitted with an auxiliary motor - cylinder capacity not exc 50 cc	2.8
28298000	8711.20		Motorcycles (incl. mopeds) - cylinder capacity exc 50 cc but not exc 250 cc	54.1
28298000	8711.30		Motorcycles- cylinder capacity exc 250 cc but not exc 500 cc	21.8
28298000	8711.40		- cylinder capacity exc 500 cc but not exc 800 cc	26.5
28298000	8711.50		- cylinder capacity exc 800 cc	53.9
Non- classifiable commodities	9999.40		Transactions and commodities not classified according to kind (Tariff Items with Concessional Nature of Entry)	3.2
		5(a)	Travel (part) - purchases overseas by Australian residents	-84.0
		6.1	Australian government - official services (part)	117.0
		6.2	- other (part)	261.2

(a) This item is expenditure overseas by Australian residents less expenditure in Australia by foreign residents.

APPENDIX D

RECONCILIATION OF INPUT-OUTPUT WITH NATIONAL INCOME AND EXPENDITURE ESTIMATES : DIFFERENCES OF DEFINITION AND ESTIMATION METHODS (a)

Description	Definition (b)	Input- Output item code	Differences
Wages, salaries and supplements	<p>Payments by producers to their employees in the nature of wages and salaries, including adjustments for income in kind together with supplements to wages and pay and allowances of members of the defence forces. Employees cover all persons engaged in the activities of incorporated business units and in the production of government services and services of non-profit organisations, members of the defence forces, and all persons engaged in the activities of unincorporated enterprises except the proprietors and unpaid members of the family. To be consistent with the definition of the labour force, payments to trainee teachers are excluded from estimates of wages and salaries. Supplements consist of employers' contributions to pension and superannuation funds, direct payments of pensions and retiring allowances by employers, and amounts paid as workers' compensation for injuries. Employers' contributions to pensions and superannuation funds, in general, reflect the accruing liability to employees. Some government organisations contribute to their superannuation funds only as the payments of benefits are made. In such cases it would be proper to impute payments as the liability accrues. This has not been done in the estimates except in respect of Australia Post and Telstra where, in their commercial accounts, the accruing liability is debited as a working expense. Pay and allowances of members of the defence forces consist of active pay, field, subsistence and dependants' allowances and the value of food, clothing, etc., supplied in kind. They include deferred pay but exclude war gratuities which are included in <i>personal benefit payments to residents</i>.</p>	P1	<p>Definition : Identical Estimate : The difference occurs mainly because, for industries covered by economic censuses and surveys, input-output estimates are based on data from those collections rather than on the sources used for the national income and expenditure accounts</p>
Gross operating surplus	<p>The operating surplus, before deduction of consumption of fixed capital, dividends, interest, royalties and land rent, and direct taxes payable, but after deducting stock valuation adjustment, of all enterprises from operations in Australia. It is the excess of gross output over the sum of intermediate consumption, wages, salaries and supplements, and indirect taxes less subsidies. Gross operating surplus includes third party motor vehicle and public risk insurance claims paid to persons in respect of policies taken out by enterprises. Trading enterprises include all companies, public enterprises, partnerships and self-employed persons engaged in the production of goods and services for sale, but exclude financial enterprises. All dwellings are included whether let or occupied by the owner. Public trading enterprises are government undertakings which attempt to cover all or a substantial part, of their costs through charges made to the public for the sale of goods and services. Trading enterprises' gross operating surplus is shown separately for private corporate enterprises, unincorporated enterprises, dwellings owned by persons, and public enterprises. The gross operating surplus of general government is equal to general government consumption of fixed capital. Financial enterprises comprise banks, insurance offices, superannuation funds and other enterprises primarily engaged in incurring liabilities and acquiring financial assets in the market. The gross operating surplus of financial enterprises includes an imputed bank service charge which represents a reclassification of a part of interest receipts as a charge for organising finance, in contrast to a pure interest element. The imputed bank service charge is not allocated, among customers (which would have the effect of reducing their respective operating surpluses), but is shown in the production account as a negative adjustment to operating surpluses generally.</p>	P2	<p>Definition : The difference that occurs relates to the treatment of the imputed bank service charge. In the input-output tables the charge is specifically allocated to industries; in the national income and expenditure accounts it is allocated to a nominal industry. (Refer to paragraph 96 of explanatory notes.) Estimate : The difference occurs for the above definitional reason and because, for industries covered by economic censuses and surveys, input-output estimates are based on data from those collections rather than on the sources used for the national income and expenditure accounts.</p>

(a) A reconciliation of comparable flows in the two series is provided in Tables 19 and 20.

(b) Source: *Austrâliens National Accounts, National Income and Expenditure*, 1993-94 (5204.0), pp105-111

RECONCILIATION OF INPUT-OUTPUT WITH NATIONAL INCOME AND EXPENDITURE ESTIMATES: DIFFERENCES OF DEFINITION AND ESTIMATION METHODS (a)-continued

<i>Description</i>	<i>Definition (b)</i>	<i>Input- Output item code</i>	<i>Differences</i>
Indirect taxes less subsidies	Indirect taxes are taxes assessed on producers, i.e. enterprises and general government, in respect of the production, sale, purchase or use of goods and services, which are charged to the expenses of production. Subsidies consist of all grants made by general government to enterprises and which are credited to their production accounts. These grants may take the form of bounties on goods produced or inputs used, payments to ensure a guaranteed price or to enable maintenance of prices of goods or services below cost of production, and other forms of assistance to producers. Also included as subsidies are the amounts paid to the Australian Wheat Board under Section 46 of the Wheat Marketing Act 1979, to offset the additional cost of borrowing commercially rather than from the Reserve Bank of Australia. Payments to public trading enterprises to compensate for recurring losses are included; however, payments to public trading enterprises to compensate for non-recurring losses are not included. Some indirect taxes paid by primary producers are not paid in the same year as that in which the taxed goods are produced. In these cases the indirect taxes are estimated on a payable basis and shown on that basis in the Domestic Production Account and the General Government Income and Outlay Account. Following the introduction of a fringe benefits tax, receipt of these payments is also adjusted to a payable basis. Refunds to wheat growers of amounts previously paid into the Wheat Finance Fund and earlier price stabilisation schemes have been treated as negative indirect taxes and recorded in the year in which the refunds were made. Similarly, refunds to wool growers of the additional 5 per cent Wool Tax paid into the Market Support Fund in prior years have been recorded as negative indirect taxes in the years in which the refunds were made.	P3 P4 P7	Definition : The sum of P3, P4 and P7 is definitionally identical to the indirect taxes less subsidies shown in the national income and expenditure accounts. Estimate : The main difference occurs because input-output estimates of duty on imports are based on foreign trade data rather than the source used in the national income and expenditure accounts.
Sales by final buyers		P5	This item is not separately shown in the national income and expenditure accounts. It is described in paragraph 100 of the explanatory notes to this publication.
Imports of goods and services	The value of goods imported and amounts payable to non-residents for the provision of services to residents.	P6	Definition : The sum of items P6A and P6B is definitionally similar to the item imports of goods and services shown in the national income and expenditure accounts. The main difference occurs because of the treatment of freight and insurance provided by residents in respect of imports. The input-output tables record imports c.i.f. whereas the national income and expenditure accounts record imports f.o.b. The difference between the total value of imports of goods and services on a c.i.f. and f.o.b. basis is equal to the value of freight and insurance provided by residents in respect of imports. This freight and insurance is included in estimates of imports c.i.f. but excluded from imports f.o.b. When imports are recorded on a c.i.f. basis the value of freight and insurance provided by residents on imports must also be added to exports so as to avoid recording the balance of trade in goods and services incorrectly. Estimate : The main difference in the estimates results from the definitional difference.

(a) A reconciliation of comparable flows in the two series is provided in Tables 19 and 20.

(b) Source: Australian National Accounts, *National Income and Expenditure*, 1993-94 (5204.0), pp105-111

RECONCILIATION OF INPUT-OUTPUT WITH NATIONAL INCOME AND EXPENDITURE ESTIMATES: DIFFERENCES OF DEFINITION AND ESTIMATION METHODS (a)-continued

Description	Definition (b)	Input-Output item code	Differences
Private final consumption expenditure	Net expenditure on goods and services by persons and expenditure of a current nature by private non-profit institutions serving households. This item excludes purchases of dwellings by persons and capital expenditure by unincorporated businesses and non-profit institutions (included in gross fixed capital expenditure), and maintenance of dwellings (treated as intermediate expenses of private enterprises), but includes personal expenditure on motor vehicles and other durable goods and the imputed rent of owner-occupied dwellings. The value of food produced and consumed on farms is included and the payment of wages and salaries in kind (e.g. food and lodging supplied free to employees) is counted in both household income and private final consumption expenditure. Goods and services purchased by businesses or general government, e.g. as expense account allowances to employees, are excluded.	Q1	Definition: Identical Estimate: The difference occurs mainly because estimates included in the input-output tables are finalised after a detailed balancing of the supply and usage of commodities; this is a procedure which is not generally applied in finalising estimates in the national income and expenditure accounts. The estimates included in the input-output tables are internally consistent with all other commodity flows shown in the tables; however, this internal consistency does not necessarily imply a greater accuracy of the estimate of private final consumption expenditure than that obtained for the comparable estimate included in the national income and expenditure accounts.
Government final consumption expenditure	Net expenditure on goods and services by public authorities, other than those classified as public enterprises, which does not result in the creation of fixed tangible assets or in the acquisition of land and existing buildings or second-hand capital goods. It comprises expenditure on wages, salaries and supplements (other than those charged to capital works, etc.), and goods and services (other than fixed assets and stocks) and consumption of fixed capital. Included as supplements to wages and salaries are superannuation pensions and lump sums paid directly to former employees and contributions to superannuation funds less amounts received from employees' superannuation funds or other employers in respect of superannuation. Expenditure on repair and maintenance of roads is included. Fees, etc., charged by general government bodies for goods sold and services rendered are offset against purchases. Net expenditure overseas by general government bodies and purchases from public enterprises are included. All expenditure on defence is classified as final consumption expenditure. Net expenditure overseas on major items of defence equipment is included in the period the equipment is delivered. The adjustment to final consumption expenditure comprises deliveries of major items of defence equipment procured overseas less payments for such equipment. The value of military equipment and facilities transferred to civilian use or to overseas countries as gifts is offset against expenditure on defence.	Q2	Definition: The difference that occurs relates to the treatment of the imputed bank service charge. In the input-output tables a component of the service charge is treated as an item of expenditure of general government. In the national income and expenditure accounts the full value of the imputed bank service charge is allocated to a nominal industry. (Refer to paragraphs 95 and 104 of explanatory notes.) Estimate: The difference occurs for the above definitional reason.

(a) A reconciliation of comparable flows in the two series is provided in Tables 19 and 20.

(b) Source: *Australian National Accounts, National Income and Expenditure, 1993-94* (5204-0), pp105-111

RECONCILIATION OF INPUT-OUTPUT WITH NATIONAL INCOME AND EXPENDITURE ESTIMATES: DIFFERENCES OF DEFINITION AND ESTIMATION METHODS (a)-continued

Description	Definition (b)	Input- Output item code	Differences
Gross fixed capital expenditure - private	Expenditure on fixed assets shown under the headings dwellings, non-dwelling construction, equipment and real estate transfer expenses. The equipment category includes plant, machinery, equipment, vehicles, etc. Expenditure on repair and maintenance of fixed assets is excluded, being chargeable to current account. Additions are regarded as capital expenditure. Expenditure on dwellings, non-dwelling construction and equipment is measured as expenditure on new and second-hand assets, less sales of existing assets. Real estate transfer expenses comprise stamp duty, real estate agents' fees and sales commissions, conveyancing fees and miscellaneous government charges.	Q3	Definition : Identical Estimate : A difference occurs because estimates included in the input-output tables are finalised after a detailed balancing of the supply and usage of commodities, a procedure which is not generally applied in finalising estimates in the national income and expenditure accounts. The estimates included in the input-output tables are internally consistent with all other commodity flows shown in the tables; however, this internal consistency does not necessarily imply a greater accuracy of the estimate of private gross fixed capital expenditure than that obtained for the comparable estimate included in the national income and expenditure accounts.
Gross fixed capital expenditure - public enterprises	Expenditure on new fixed assets plus net expenditure on second-hand fixed assets and including both additions and replacements. Also included are wages and salaries paid by public enterprises in connection with capital works.	Q4	Definition : Identical Estimate : Identical
Gross fixed capital expenditure - general government	Expenditure on new fixed assets plus net expenditure on second-hand fixed assets whether for additions or replacements, other than for defence purposes. Expenditure on new road works (or upgrading existing roads) is included but expenditure on road repair and maintenance is classified as government final consumption expenditure.	Q5	Definition : Identical Estimate : Identical
Increase in stocks	The increase in stocks held by enterprises and general government. The increase in stocks is obtained after adjusting the increase in book value of stocks by the stock valuation adjustment. The need for a stock valuation adjustment arises because the increase in the value of stocks as calculated from existing business accounting records does not meet national accounting requirements. For national accounting purposes, physical changes in stocks should be valued at the prices current at the times when the changes occur. The stock valuation adjustment is the difference between the increase in (book) value of stocks and the physical changes valued at current prices.		Definition: Identical. (it should be noted, however, that in input-output tables stocks are classified by commodity in Tables 2, 3 and 4 and by the industries producing those commodities in Tables 5 to 18 regardless of which industry is holding the stocks (i.e. regardless of whether the holding industry is that of the producer, wholesaler, retailer or intermediate user). In the national income and expenditure accounts, stocks are classified to the industry holding the stocks.) Estimate : The difference occurs mainly because, for industries covered by economic censuses and surveys, input-output estimates are based on data from those collections rather than on the sources used for the national income and expenditure accounts.

(a) A reconciliation of comparable flows in the two series is provided in Tables 19 and 20.

(b) Source: *Australian National Accounts, National Income and Expenditure, 1993-94* (5204.0), pp105-111

RECONCILIATION OF INPUT-OUTPUT WITH NATIONAL INCOME AND EXPENDITURE ESTIMATES : DIFFERENCES OF DEFINITION AND ESTIMATION METHODS (a)-continued

<i>Description</i>	<i>Definition (b)</i>	<i>Input-Output item code</i>	<i>Differences</i>
Statistical discrepancy	The difference between the sum of estimates of gross domestic product and imports of goods and services on the one hand and the sum of the estimates of components of gross national expenditure and exports of goods and services on the other hand.	Nil	This item does not appear in input-output tables. The tables are finalised after a detailed balancing of the supply and usage of all goods and services between categories defined in the input-output tables. The adoption of this procedure does not necessarily imply that estimates of the other items are more accurate in input-output tables than in the national income and expenditure accounts.
Exports of goods and services	The value of goods exported and amounts receivable from non-residents for the provision of services by residents.	Q7	Definition : Refer to Imports of goods and services. Estimate : Refer to Imports of goods and services.

(a) A reconciliation of comparable flows in the two series is provided in Tables 19 and 20.
(b) Source: *Australian National Accounts, National Income and Expenditure, 1993-94* (\$204.0), pp105-111

APPENDIX E

RELEASE OF DATA ON FLOPPY DISK

This appendix provides information about the 1992-93 Input-Output data available for release on floppy disk. An order form is included.

Basic matrices

- 1 Make matrix - output by commodity group by industry
- 2 Absorption matrix - input by industry and commodity group
- 3 Imports matrix - supply by commodity group and inputs by industry and final demand category
- 4 Reconciliation of flows at basic values and at purchasers' prices by commodity group

Industry by industry tables (basic values, recording Intra-industry flows)

113 Industries

Direct allocation of competing imports

- 5 Flow matrix
- 6 Direct requirements coefficients from Table 5
- 7 Total requirements coefficients from Table 6

Indirect allocation of competing imports

- 8 Flow matrix
- 9 Direct requirements coefficients from Table 8
- 10 Total requirements coefficients from Table 9

35 Industries

Direct allocation of competing imports

- 11 Flow matrix
- 12 Direct requirements coefficients from Table 11
- 13 Total requirements coefficients from Table 12

Indirect allocation of competing imports

- 14 Flow matrix
- 15 Direct requirements coefficients from Table 14
- 16 Total requirements coefficients from Table 15

Primary Input tables

- 17 Primary input content (total requirements) per \$100 of final demand by industry
- 18 Primary input content (total requirements) by industry of each category of final demand

Other tables

- 19 Broad reconciliation of primary input and final demand estimates with national income and expenditure accounts

- 20 Reconciliation of wages, salaries and supplements, and gross operating surplus estimates by broad industry with national income and expenditure accounts
- 21 Specialisation and coverage ratios by industry
- 22 Employment by industry
- 23 Composition of supply of commodity groups containing margin commodities
- 24 Output multipliers, direct allocation of competing imports

Margin matrices

Supply of margin by commodity group to which the margin applies and input of margin by industry and final demand category

- 25 Wholesale trade (4501, part)
- 26 Retail trade (5101, part)
- 27 Road transport (6101, part)
- 28 Railway transport (6201, part)
- 29 Water transport (6301, part)
- 30 Air transport (6401, part)
- 31 Marine insurance (7401, part)
- 32 Restaurants, hotels and clubs (5701, part)
- 33 Pipeline transport (6201, part)
- 34 Port handling (6601, part)
- 35 Commodity taxes (net)
- 36 Sales tax
- 37 Other commodity taxes
- 38 Commodity subsidies

Tables 25 to 38 show, for each commodity group, sales by final buyers, complementary imports and re-exports, the usage of each margin by industry and final demand category. These tables are commonly referred to as *margin matrices*. They are subject to significant limitations. Users of the tables should take particular note of the qualifications referred to in the following paragraph.

The availability of information from which estimates of margin flows can be made, both in total and by component, is severely limited. These limitations cannot be overcome by methodological developments and require that the margin data supplied on floppy disk be significantly qualified: the margin matrices do not conform to the usual standards of accuracy set by the ABS in its publications.

They are being made available because of their importance for some uses of input-output tables. For example, many applications of input-output analysis involve postulating a change in the level of final demand and analysing the effect of this change on the level of output of industries and on the level of

imports. The information available about final demand is generally expressed in terms of *purchasers' prices*; however, the flow and coefficient tables used to analyse this demand are valued at *basic values*. Therefore, in order to enable the change to be analysed, information enabling the postulated level of final demand to be adjusted from purchasers' prices to basic values is required. A summary reconciliation of flows valued at purchasers' prices and at basic values is given in Table 4 and details of the margin flows shown in this table are provided in the margin matrices.

In Table 4, data about the usage of margin by all industries is aggregated into the column *Intermediate usage*, while each final demand category is shown separately. The commodity taxes (net) margin is shown separately and the other margins are shown in aggregate in the column *Margin*.

The margin matrices provide additional details about the margin flows summarised in Table 4. The matrices follow the general structure of Table 2 *Input by industry and final demand category and supply by commodity group* (Absorption matrix), and each cell in each margin matrix relates to a cell in Table 2. A cell in Table 2 shows the usage and basic values of a commodity group by an industry or a final demand category (for example, usage of *dairy products* (2102) by the *confectionery* (2107) industry or in private final consumption expenditure); the comparable cell in each of the margin matrices shows the margin applying to that basic value flow.

Estimation of the margin matrices involved two broad steps. First, for each margin type, the value of the margin flow relating to each non-margin commodity in the input-output system (there are approximately 1100 such commodities) was estimated. Second, each of these values, generally, was allocated to each final demand category and to each industry in proportion to the sectors' estimated usage of the non-margin commodity. The results of the application of this mechanical procedure were modified. For example, retail margin was allotted predominantly to private final consumption

expenditure and no commodity taxes (net) were associated with the usage of commodities by the industry to which they are primary (i.e. flows shown in the cells on the diagonal of Table 2).

The total usage of each margin by each industry and final demand category shown in the margin matrices (i.e. the column totals of each margin matrix) are incorporated in Table 2. It should be noted that the values in the rows of the published commodity groups containing the margin commodities (4501, 5101, 6101, etc) are generally greater than the corresponding column total in the margin matrices. This difference occurs because non-margin commodities are included in each of the commodity groups (for example, a *passenger service* commodity is included in the *air transport* (6401) commodity group).

For 1992-93, in response to the considerable interest in disaggregating commodity taxes (net) into its components, three additional margin matrices: Table 36 *sales tax*, Table 37 *other commodity taxes* and Table 38 *commodity subsidies*, have been produced. Their estimates sum to the corresponding estimates in Table 35 commodity taxes (net).

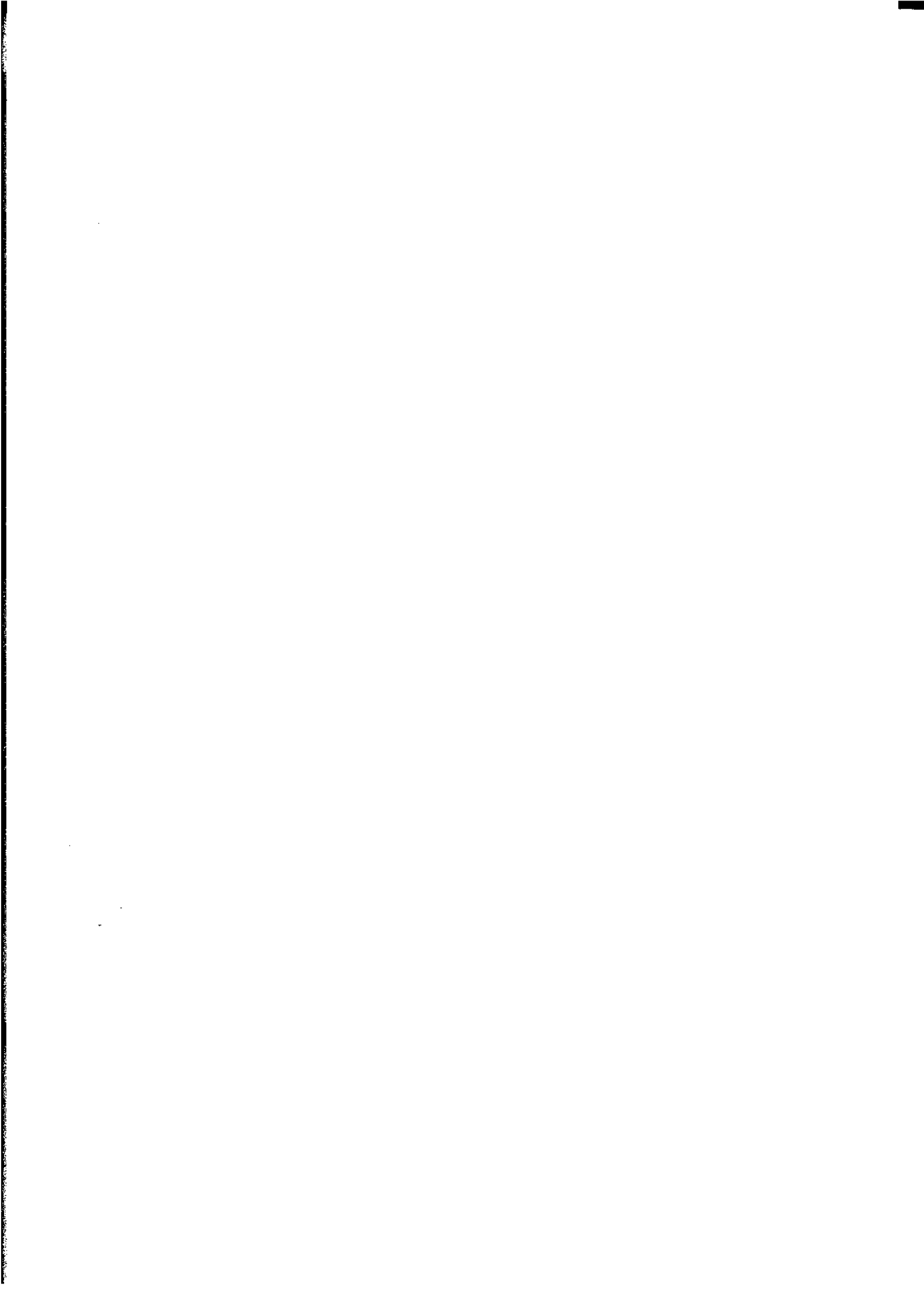
Floppy disk characteristics and format

Input-Output tables are available as spreadsheets suitable for most popular microcomputer software packages. When ordering, please specify your software package. Data are supplied on 3 1/2" HDD floppy disks unless otherwise specified.

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