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# A 1994 Detailed Social Accounting Matrix for Colombia

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#### ABSTRACT

This technical paper, prepared as part of FEDESARROLLO's research programme on Colombian economic policy analysis, presents the new database developed for the its long-run Computable General Equilibrium (CGE) model. The database takes the form of a detailed Social Accounting Matrix (SAM) estimated for the 1994 year. The document lists all the relevant data sources and data adjustments that were necessary to achieve a consistent SAM. This study is complemented with a preliminary multiplier analysis, so that the most important inter-industrial and inter-institutional linkages of the Colombian economy can be made explicit. This also allows a full appreciation of the qualities of the original database presented in this document. This paper, together with a companion document on the CGE model analytic structure, are intended to inform in the most detailed way researchers interested in replicating or expanding FEDESARROLLO's modelling effort, and to provide a useful instrument in informing the debate on economic policy in Colombia.

#### 1 Introduction

A fundamental step in any rigorous applied economics study is the compilation of reliable and updated databases. In the particular case of economic policy evaluation, for which one of the most apt research techniques appears to be applied general equilibrium analysis, the relevant databases normally take the form of Social Accounting Matrices (SAMs).

This paper's initial purpose is a presentation of a new detailed SAM for Colombia for the year 1994. This SAM offers a sound database on which quantitative analyses of the current and proposed economic reforms can be based.

Properties and advantages of SAMs for this purpose are well established in the recent literature on policy simulation modeling: they provide a comprehensive and consistent data foundation, as well as ensure that the share parameters in behavioral functions reflect observed facts. SAMs usefulness has also recently been reflected in the United Nations and joint agency new edition of the manual on national accounts, which dedicates an entire chapter to them.

FEDESARROLLO's effort in the development of good economy-wide data has been based on three main criteria: detail, consistency, and timeliness. Detail, in the context of CGE models, refers to sectoral and domestic institutional (e.g. household) classification. The more disaggregated a SAM one can construct, the more flexible its future uses are. Availability of transactions among a large number of sectors, factors of production and household types allows informative empirical analysis of trade policy, environmental impacts, income distribution and factor market adjustments. Different levels of aggregation may be needed according to the specific problem investigated. This suggests the construction of a fairly disaggregated Colombian SAM, even though the *complete* detail will not always be used in specific models. As long as the other two criteria are concerned, economywide consistency is achieved primarily by reconciling input-output transactions and household survey data with standard national macro accounting, and timeliness is achieved by choosing the latest year for which the majority of data are available.

In the first part of the paper, a full description of the Colombian SAM and the lengthy and detailed process of its construction are described. It should be stressed that this new Colombian SAM is valuable in its own right for providing a "snapshot" of the structure of the subject economy and as such represents a part of the original contribution of this paper. Moreover, although the process of SAM assembly cannot yet be entirely standardized, the methods described below are fairly general and can be considered as guidelines in the SAM construction procedure and in overcoming many of the most

<sup>&</sup>lt;sup>1</sup> This edition (see Commission of the European Communities, International Monetary Fund, Organisation for Economic Co-operation and Development, United Nations, World Bank (1993)) is a welcome update of the 1968 manual.

common obstacles.<sup>2</sup> In this sense, this paper fills a gap in the literature on applied economics.<sup>3</sup>

An additional reason, beyond the mere illustration of the Colombian SAM and its construction, motivates the second part of the paper. Here a simple fixed-price multiplier model is constructed to allowing a preliminary examination of the main linkages within the Colombian economy. Although this analysis could be encompassed within the CGE approach, multiplier models present some practical advantages and complementarity with more complex CGE models. Fixed-price multiplier models are easily implemented and have a very simple and transparent structure, which is strongly dependent on the SAM data. For these reasons, a multiplier model highlights the main structural features of the economy under study. For instance, it clarifies the inter-industrial intermediate demand structure, identifies the most important sectors (in terms of GDP, value added, exports, etc.), clearly displays linkages between final demand, production and import activities, illustrates income distribution, and shows sectoral and trade dependency. In other words a multiplier analysis makes clear the fundamental connection between data and models. In fact this connection, mediated by extra-SAM elasticity data and a more elaborated analytical structure, may not be apparent in a CGE context. We are advocating a twostage approach: first a multiplier analysis and then a CGE model.<sup>4</sup>

The paper is organized as follows. In the next section we present the data sources and adjustments necessary to produce an updated and detailed input-output (IO) table for Colombia. Section 3 describes the procedure followed to extend the IO table into a full Social Accounting Matrix. Sections 4 and 5 contain the multiplier analysis and conclude the paper. References and tables (including the full 1994 SAM) are presented in sections 6 and 7.

# 2 An Input-Output Table for Colombia, 1994

Since the end of the eighties, various efforts of constructing SAMs for Colombia have occupied numerous researchers. One of the first studies encountered in the relevant literature is that of Cordi (1988). Her major contribution consists of the specification of a detailed production structure for the base year 1985 where goods and services are defined according to their imported or domestic origin. Following Cordi, Chica (1988), Botero and López (1989), and Barajas (1989) also assembled SAMs for 1985. Lora and Ramírez (1990) extended these previous works by providing a more disaggregated matrix.<sup>5</sup> In

<sup>3</sup> Basically the only published work we could find on SAM building is that of S. Keuning and W. de Ruijter (1988).

<sup>&</sup>lt;sup>2</sup> Data inconsistencies and/or deficiencies are the most common problems and they usually become worse at high levels of disaggregation.

<sup>&</sup>lt;sup>4</sup> In the relevant economic literature, very few studies attempt any careful comparison between SAM and CGE models. For an example refer to Kraybill (1989) or McGregor P.G. and J.K. Swales (1993). And for an example of the two-stage approach (first SAM analysis and then CGE model) for NAFTA see Reinert, K.A., D.W. Roland-Holst and C.R.Shiells (1993). In another paper, I. Adelman and J.E. Taylor (1991) argue that "optimally, it may be worthwhile to estimate both types of models and test for the robustness of their results." (p. 167).

<sup>&</sup>lt;sup>5</sup> Starting from the SAM in Botero and López (1989), they estimated transactions among 15 productive activities, 6 types of labor (5 urban and 1 rural), and 4 main institutions (public and private firms, public

subsequent studies, Lora (1994) and Lora et al. (1993, [1994]) further disaggregate and update the SAM.<sup>6</sup> In a different kind of study, Londoño (1990) assembled a SAM for 1938 composed of 3 activities and 2 factors of production with the purpose of investigating the structural changes of the Colombian economy within a 50-year period (from 1938 to 1988) and its impact over income distribution.<sup>7</sup> The National Statistical Office also elaborated a SAM as a complement of its National Account model<sup>8</sup>. Finally, the most recent attempt to elaborate a detailed SAM for Colombia is found in Valderrama and Gutierrez (1996), they followed Cordi's approach and assembled a SAM using 1992 as the base year.

Availability of new data or new research interests have shaped the continuous development of the SAMs referenced above. Although not completely disconnected with these predecessors, the SAM presented in this study shows some novelties and advantages. First of all the level of detail, no previous study reached the 92-sector level embraced here. In addition in the current SAM, import and export sub-matrixes report international transactions with the most important trading partners of the country. This allows a detailed analysis of trade policy in the context of regional and multilateral agreements. A third important advantage consists of the specification of distinct households and factors for the rural and urban zones. In this way we provide a detailed structure that may be used in poverty and/or income distribution analyses.<sup>9</sup>

The Input-Output (IO) table presented here was developed in a multistage approach. Official data were used in the first stage, when these were missing or inconsistent due to the heterogeneity of the sources, we used indirect estimates from specific research papers and tried to make them concordant with the official national accounts. Finally, we employed standard statistical procedures <sup>10</sup> to balance the resulting matrix.

Two major official data sources were used in the IO construction. The first consists of the Statistical Office calculations of sectoral balances of demand and supply. These provide, at a 107-sector level of detail<sup>11</sup>, data for gross production, total intermediate use,

sector, Rest of the World and households), with households further divided into 11 groups (10 urban and 1 rural).

<sup>&</sup>lt;sup>6</sup> The main innovations here are two. The first consists of the updating of the SAM to the 1990 base year. For this purpose, the main data were obtained from a new Input-Output table of the National Statistical Office, from the 1992 National Household Survey, and from the 1985-1985 Income and Expenditure Survey. The second innovation is found in the disaggregation of the SAM. The mining sector is divided into 4 sub-sectors: oil, natural gas, coal, and rest of mining. The main source of data is Lora and Perry (1992). With new data from Gomez (1990), Agriculture is disaggregated into 7 sub-sectors. It may be worth noticing that the resulting SAM is the current database for FEDESARROLLO's CGE model for short run analysis.

<sup>&</sup>lt;sup>7</sup> The SAM rather simple structure is justified by its use as the main input of a dynamic CGE model.

<sup>8</sup> See DANE (1993). The SAM base year is 1988 and its structure includes 8 activities, 2 factors and 5 institutions. The main contribution of this work is its analysis of inter-institutional flows.

<sup>&</sup>lt;sup>9</sup> Previously, only Lora (1990, 1994, [1994]) included detailed transactions between private agents by geographic zone. In fact, thanks to the availability of new important data, we believe to have overcome the main estimation problems that affected these earlier attempts.

The RAS technique was used for balancing matrixes. See Bacharach (1970).

See column "Supply – Demand Equilibria" in Table 7-1.

imports, indirect taxes on the supply side, and private and public consumption, investment, stocks variation, and exports on the demand side. 12

The second major official source of information was the latest National Statistical Office IO table, published for the 1994 year. With respect to the sectoral equilibria, this IO table adds data on inter-sectoral transactions in intermediates and on value added. This information is arranged into a non-square table showing linkages between 32 commodities and 33 activities of production, and it includes sectoral labor and capital value added. Clearly, as long as shared information is concerned, this table is fully consistent with the appropriate sectoral aggregation of the supply-demand equilibria.

Our main effort, in this first phase of the SAM construction, consisted of enlarging this 33x32-sector National Statistical Office IO table to our final 92-sector matrix. This implied combining consistently the 107-sector demand-supply equilibrium data with supplementary sectoral surveys and studies. In fact, although the demand-supply equilibrium data offered most of the essential information for the estimation of the demand side of the enlarged IO table, they did not present any information on sectoral cost structures (intermediates use and value added). In the following sub-sections, we describe the cost structure estimation's process and sources of information separately for agriculture, mining, manufacturing and service sectors.

#### Agriculture

FEDESARROLLO's IO table includes 12 distinct agriculture activities covering its main export and food crop production. 14 Information on the cost structure of the main Colombian agricultural activities is scarce, disperse, imprecise and most importantly, inconsistent. Since the beginning of the nineties Colombia's Ministry of Agriculture had ceased to estimate the cost of production by crop. At that time, the Ministry's market intervention was substantially reduced following a package of trade liberalization and pro-market reforms. Another potentially useful data source is the Center for Agricultural Studies (CEGA) which, until 1993, estimated the cost of production of 17 transitory crops<sup>15</sup>. The problem in using CEGA's estimations is that they are not consistent with National Accounts and the crops included in its study represent, as a whole, just a small fraction of total agriculture. This same problem is encountered in the estimations of the Agricultural Sector Mission (1990), dating at the beginning of this decade. Other consulted sources, marred with methodological and measurement inconsistencies, are represented by distinct studies undertaken by private associations of agricultural producers. Eventually, a study by Yepes (1998) was used to estimate the cost structure of the agricultural activities detailed in our IO table.

Clearly we adapted Yepes' results to our sectoral detail, so that our final estimations are fully consistent, by aggregation, with the single agriculture account of the National

The National Statistical Office uses monthly and yearly surveys to update the information of these demand-supply equilibria. These equilibria are the core of the Colombian sectoral system of national accounts. The structure of this system is the resulting product of numerous studies of the first half of the seventies, which aimed at providing Colombia with the latest methodological procedures in national statistics.

<sup>&</sup>lt;sup>13</sup> For a classification of the sectors represented in this table refer to column "IO table" in Table 7-1.

<sup>14</sup> See Table 7-1.

<sup>&</sup>lt;sup>15</sup> Avocado, barley, wheat, potatoes, maize, yucca, pea, tomato, rice, sorghum, curuba, blackberry, lulo, pineapple, mango, citrus fruits.

Statistical Office's IO table, and yet include all the sector-specific production technology information of the original study.

#### Mining

The single available recent study aiming at the evaluation of a cost structure for the mining sector is one by Lora and Perry (1992). In this work, the authors use a Computable General Equilibrium Model to analyze the inter-sectoral and macroeconomic linkages of the mining sector. Unfortunately though, they do not mention the methodology or references employed in the estimation of the mining cost structure, so that it was not possible to reproduce their estimation with more up-to-date data. <sup>16</sup> In their work, Lora and Perry provide information for four mining sectors corresponding to Oil, Natural Gas, Coal, and Other Mining Activities. <sup>17</sup>

#### Manufacturing

This section briefly describes how we estimated intermediate and value added transactions for 65 manufacturing sectors starting from the 1994 IO table which presents data for only 18 manufacturing sectors.<sup>18</sup>

The National Statistical Office's yearly Manufacturing Survey (YMS) for 1994 was the main source of information for our estimations. This survey is the most accurate source available for the base year of the IO table. For a 4-digit ISIC sectoral classification it presents detailed wage and employment data, and intermediate purchases at an 8-digit ISIC level. Our first step was the construction of an unambiguous correspondence between the sectoral classifications of Table 7-1 (or that of national accounts) and that of the YMS. Once we arranged the YMS' data in a format comparable to that of Table 7-1, we checked its consistency with data from national accounts and then proceeded to the estimation of intermediates and value added tables.

From Table 7-2 it clearly appears that values for three macro aggregates, namely total intermediates consumption, value added and gross production, differ by just a small percentage when calculated from the YMS or from the National Statistical Office's IO table.

This discrepancy is negligible considering the advantages in using the YMS data for the estimation of manufacturing intermediate use and value added. In fact the National Statistical Office simply updates its intermediate table from its 70s estimations to the current value keeping, in this way, almost constant Leontief' coefficients. Therefore technological progress in intermediates use is not reflected into the National Statistical

<sup>17</sup> These correspond to sectors 15 through 18 in "FEDESARROLLO SAM" column of Table 7-1.

<sup>&</sup>lt;sup>16</sup> Their base year is 1989.

<sup>&</sup>lt;sup>18</sup> See sectors 19 through 82 and 5 through 22 respectively in columns "FEDESARROLLO SAM" and "IO Table" of Table 7-1.

<sup>&</sup>lt;sup>19</sup> This was done in two stages. Thanks to a special correspondence table between the 8-digit ISIC and national accounts labels published by National Statistical Office, the aggregation of intermediates purchases did not present particular problems. In the second stage, a correspondence had to be developed between 4-digit ISIC and national accounts. This presented more difficulties because some national accounts sectors overlapped more than one 4-digit ISIC sector. This was corrected using additional electronic information provided by the Statistical Office.

Office IO table. In contrast in the YMS, intermediates use is calculated from raw material purchases, allowing a much more precise estimation.<sup>20</sup>

As long as value added is concerned, we used the YMS data to estimate at 65-sector level labor and capital payments. In order to maintain full consistency with National Accounts our final value added estimation coincides by aggregation to the 14 macro manufacturing sectors of the National Statistical Office IO table.

#### Services

Estimation of the cost structure for the service sectors<sup>21</sup> did not present any particular problem and, given the exact sectoral correspondence of FEDESARROLLO SAM with the National Statistical Office's IO table, no additional specific sources of information were needed.<sup>22</sup>

Two additional adjustment accounts completed the estimation of the cost structures of FEDESARROLLO IO table. The first collects commercial and transport margins of each sector. The second is a residual account including all by- and joint- products supplied by each activity.<sup>23</sup> Thus, in the end, FEDESARROLLO IO table is a square product by activity matrix valued at purchaser's prices.

In order to complete the IO table we needed estimations for trade flows and for final demand.

#### International Trade

We disaggregated the original National Statistical Office IO table data on international trade into two directions. Firstly we calculated vectors of total imports and exports at a 92-sector level, then disaggregated these into different trading partners, so that imports are distinguished by region of origin and exports by destination. Data provided by the National Customs and Tax Agency (1995) was used. A list of the countries selected is displayed in Table 7-3<sup>24</sup>.

The final estimation procedure of intermediate consumption proceeded in various steps. Firstly, we estimated implicit intermediates prices by dividing the total value by the total quantity of intermediates purchased over the period. Then, we adjusted these basic prices by adding indirect taxes and transport and commerce margins (these were calculated from the demand-supply equilibria). In this way purchaser prices were obtained. Thirdly, a simple multiplication of these prices by the quantity of intermediates actually consumed over the period resulted in the value of intermediate consumption. And finally, services intermediate consumption (not included in the YMS data) had to be added to the previous value (see

<sup>&</sup>lt;sup>21</sup> Services correspond to sectors 98 to 107 and 23 to 32 in the first two columns of Table 7-1.

<sup>&</sup>lt;sup>22</sup> As noted above, the Statistical Office IO table is not a square matrix. It includes an adjustment sector labelled "Imputed Banking Services": this is done to account for interest payments and receipts among net loaner and net borrower sectors. We transformed the original table into a square one by using the same methodology described in Valderrama and Gutierrez (1996). Basically it consist of removing the total value of interest paid by the fictitious "Imputed Banking Services" sector to the financial service sector, and distribute this payment among all the other sectors (this basically implies that all sectors, but the financial service sector, are net borrowers). The allocation is proportional to the value of sectoral total incomes.

<sup>&</sup>lt;sup>23</sup> Commercial and transport margins were calculated from the Supply-Demand Equilibria. By- and joint-product values were estimated as a residual between activities' gross production and commodities' production.

Two different criteria were applied to select and aggregate Colombian trading partners. Firstly, a selected country should have a minimum share in total imports (equal or greater then 0.4%) or exports (0.5%). Secondly, countries were selected when belonging to groups covered by treaties of free trade considered significant for present or future Colombian commercial relationships.

The original customs' data are organized in a classification scheme<sup>25</sup> that is different from that of the national account. Therefore a new adjustment to make these data compatible with our IO table was necessary. In addition, given their customs origin, the original data did not include services. With the exception of Electricity, Gas and Water and the Commerce sectors, trade for the remaining service sectors was disaggregated using proportional shares of total country exports and imports. Finally, data on tariffs and other trade-specific taxes was estimated from the supply-demand equilibria.

#### Consumption, Investment and Stock Variations

Data from the supply-demand equilibria were the primary source for the estimation of consumption (private and public), investment by sector of origin and stock variations. These transactions were valued at purchase prices, that is including commercial and transport margins and taxes paid by the buyers. The only other adjustment was the aggregation of the equilibria data to the 92-sector level of Table 7-1.

## 3 From an IO table to a Social Accounting Matrix

This section describes the methodology employed in building a 1994 SAM for Colombia. The starting point is the input-output table described in the previous section. In order to build a SAM from an IO table it is necessary to take into account a variety of other transactions, so that the complete circular flow of income is captured. In this particular case, this required two main steps: the measurement of non-production related transactions, and the disaggregation of the household and factor accounts.

Non-production related transactions include those between factors of production and their owners (domestic institutions: households, corporations and government, and ROW institutions), other domestic and international economic transactions among institutions (such as: tax payments, governmental transfers, remittances and other transfers paid or received from abroad) and domestic and foreign savings. In order to develop detailed household and factor accounts, we first constructed a balanced macro SAM and then disaggregated it to include the complete set of household and factor types.

A macro-SAM main function is to link coherently in a compact matrix format a country's macro-economic national accounts with an aggregate version of its input-output accounts. In this way the main macro-economic relationships in the economy – private income generation, consumption and savings; government budget; foreign balance; and investment savings balance – are clearly recognizable and economy-wide consistency can easily be checked. The Colombian macro-SAM for 1994, shown in Table 7-4, was assembled using data from the described IO table and from national accounts<sup>26</sup>.

Table 7-4 below presents two versions of the macro-SAM. The first shows numerical results, whereas the second is a generic descriptive version. The macro-SAM follows the

<sup>&</sup>lt;sup>25</sup> Customs' trade data are classified by country and by NANDINA code. This is an international code composed of 10 digits. The first four represent the global classification of the products. The last six take account of region specific products. NANDINA is the specific code given to the countries of the Andean Community.

<sup>&</sup>lt;sup>26</sup> In particular see: Departamento Administrativo Nacional de Estadísticas (DANE), Cuentas Nacionales de Colombia 1987-1995, Table 8, pages 52-53; DANE, Metodología de las Cuentas Nacionales de Colombia (1986), pages 153-154; DANE (1993), Boletín de Estadística, may, #482, page 267.

convention of representing expenditures down the columns and receipts along the rows. Besides, all accounts must be fully balanced, so that their total expenditures equal their total receipts. At the bottom of the table, five accounting identities clearly demonstrate the links between a macro-SAM and the main national accounts' macroeconomic identities.

As already mentioned, the next step in the SAM construction is the disaggregation of the household and factor accounts. The main objective is to separate heterogeneous groups aiming at the estimation of distinct consumption patterns for particular households, different average incomes for specific factors, and a full matrix mapping the distribution of factorial income to households. Clearly, rural households show different consumption patterns than urban ones, and urban professional labor receives higher wages and is used more intensively in certain sectors than rural unskilled labor. With the estimation of transactions for a single household and for a single labor factor, a SAM's usefulness in income distribution and poverty studies is significantly limited.

In the following sub-section we briefly present the household and factor classification used for our Colombian SAM and then show how we disaggregated consumption and value added accordingly.

#### Household and Factor Classification

Both factors and households were distinguished into rural and urban. Given the scarcity of information, capital was disaggregated into two types only. Rural capital was estimated from land data provided in the National Statistical Office's Household Survey<sup>27</sup>, and urban capital was estimated as a residual.

Labor classification is more detailed simply because richer data on employment and average wage is available. Two surveys were used as the main source of information: the National Household Survey and the Income-Expenditure Survey 1994-1995<sup>28</sup>. We classified 14 different types of labor according to the surveys' variable labeled *Occupational Position*. This denotes the occupation, craft or profession an individual holds, and closely follows the individual's skill level, as shown in Figure 7-1. The types of labor classified with this methodology and their percentage shares of total employment are shown in

Table 7-5.<sup>30</sup> It should be added that for the urban area a differentiation is made between workers of the private and public sector. This is done to take into account the special characteristics these two types of workers have.

<sup>28</sup> The National Statistical Office conducts this survey every 10 years for urban areas.

<sup>&</sup>lt;sup>27</sup> This survey is divided in two parts. One deals with rural areas and the other considers urban zones. The former has a yearly frequency, whereas the latter is repeated every quarter.

<sup>&</sup>lt;sup>29</sup> A version of urban labor classification and its correspondence to the survey variable is given in Table 7-11.

<sup>&</sup>lt;sup>30</sup> Our final classification of 14 types of labour is obtained by grouping 83 distinct occupations described in the surveys. In forming our final groups, we carefully checked that a close correlation existed between skill level of an occupation and the schooling level attained by members of that occupation. It should be remembered though that years of school are only an imperfect proxy for the skill level of a worker. By using a mixed criterion, we are reasonably confident that, in terms of skill level, our labour types are correctly ranked and contain fairly homogenous individuals.

As long as households are considered, our approach was of classifying households according to the main source of their heads' income. As illustrated in the United Nations manual on national accounting, this should ensure a high level of variation in income levels and consumption patterns between different types of household and, at the same time minimize the within-group heterogeneity. As for the factor's classification, a first step was to divide households by area, rural and urban; then households were grouped by income sources. The households' classification procedure is illustrated in Table 7-6 and Table 7-7, where two variables are crossed: the factor types represent the column-variable and the row-variable denotes the occupational status of the worker. This latter variable discriminates workers who are self-employed from those employed by someone else. Thus, for instance, all those households whose heads, at any level of skill, are urban employee of the government, form the single group "government employee head". The final households' classification, together with households' relative weights over total population, is shown in Table 7-8.

#### Private Consumption Disaggregation

In the IO table described in the previous section, a single vector represents private consumption. This section describes how we disaggregated this vector into a matrix so that an estimation of consumption patterns for 14 households at 92-commodity level of detail was achieved. For this task we used information from the 1994-1995 Income-Expenditure Survey and from the Survey on Population' Social-Economic Characteristics<sup>32</sup> (CASEN).

A major obstacle in this exercise was the scarcity of data on rural consumption, especially at a detailed level of disaggregation. The limited data available were gathered from the CASEN survey, although base years for this survey and for our SAM do not coincide.

As usual, the first step to disaggregate consumption was to differentiate it into an urban and a rural component. The CASEN survey was employed given that it covers both areas. From its data we estimated consumption values by macro-sectors and areas. We then proceeded to disaggregate further these values in order to get to the desired 14x92 household-sector matrix of consumption values.

For the rural area, the CASEN survey provided enough information to disaggregate household categories consistently with our classification (depicted in Table 7-8). As long as commodity detail is considered, the survey presented consumption data at a 20-commodity level, a small sub-set compared with the 92 commodities included in the full SAM. To overcome this limitation, we estimated, from the Income-Expenditure survey, a disaggregated consumption vector for a typical agricultural household. Although such a household does not exactly correspond to a rural household, it showed important similarities. For instance, when consumption for this agricultural household was calculated at the 20-commodity level considered in the CASEN and the result was contrasted with the real CASEN consumption values, only small discrepancies were

<sup>32</sup> Conducted by DNP in 1993.

<sup>&</sup>lt;sup>31</sup> The bottom panels of these two tables show the percentages of households whose head presents the relevant combination of the two variables considered in the tables. Thus, for instance, among the urban "professional households", 3 per cent have a professional head who presents the maximum skill level (i.e. is either a professional or a manager) and is an employee of the private sector.

registered. Eventually we used commodity percentage shares calculated from this agricultural household to further disaggregate the initial 20 commodity of the CASEN. The resulting structure was then adjusted to the macro-sectors control values determined in the first step of this procedure.

For urban households, the Income-Expenditure survey provided, for several households' categories, consumption data for around 840 different types of goods and services. This level of detail was more than adequate for our estimation needs, and our main task was to create a correspondence between the survey and the SAM classification schemes.

#### Value Added Disaggregation

In the IO table described in the previous section, two vectors represent value added: capital and labor payments. Our final SAM disaggregates each of these vectors into more complex matrices, where different types of capital and labor factors are considered. We already mentioned that poor data confined the estimation for capital value added to two categories. The 1991 Household Survey provided information on land ownership for rural households and this was used as our main proxy for rural capital value added. The remaining part of this section describes the procedure followed in the estimation of the detailed matrix of labor value added.

Labor payments were disaggregated into 3 rural and 11 urban categories. The estimation was carried separately for these areas. The Income-Expenditure Survey was the main initial source of data for the urban zone, and the Household Survey was employed for the rural zone.

Employment and average wage by skill and sector were the two fundamental variables that guided the assignation of labor value added to the appropriate factors. Urban employment was initially measured from the Income-Expenditure survey and later adjusted to the national total value by using the Household Survey. The information from the Income-Expenditure survey allows an estimation of a preliminary matrix of 11 types of workers and 34 macro-sectors. The next step consists of a further sectoral disaggregation, which is based on data from the IO table for the primary sectors and on data from the Yearly Manufacturing Survey for the manufacturing sectors. Eventually we obtained a matrix of 11 types of labor and 92 sectors, which was used to disaggregate accordingly the total national figure of urban employment found in the Household Survey.

Average wages for skill and sector were the second fundamental component in our estimation of disaggregated labor value added. Again we used data from the Income-Expenditure survey, calculated an initial 11x34 matrix and then disaggregated this to the desired 92-sector level. Figure 7-2 reproduces, at an aggregate level, the result of the described estimation of average wages. For urban workers of the private sector, this figure shows skills wages as percentages with respect to sectoral average. So, for instance, urban professionals and managers of the manufacturing sectors earn about 200 per cent the value of manufacturing average wage. A strict relationship between skill and average wage is clearly noticeable.

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<sup>&</sup>lt;sup>33</sup> Limited availability of data forced a strong assumption for the agricultural sectors. We had to assume that workers of the same type were earning same average wages across sectors.

Finally, urban labor value added was calculated multiplying the values of the two matrices of employment and average wages. The result, a new 11x92 matrix of labor value added, was used to consistently disaggregate the initial IO table vector.

For rural workers the same procedure was followed. The only difference resulted in the special treatment of the agricultural sector. The Rural Household Survey for 1991 was the most recent one to include a special section for agricultural production. From this survey, we estimated a basic matrix of a 3 types of workers and 12 sub-sectors which was then used to calculate agricultural rural labor value added. The remaining non-agricultural activities were disaggregated using data form the 1994 Rural Household Survey, and the same methodology employed for the urban factors was followed.

#### Factor Income Allocation

Factor income is allocated among different households according to their endowments as illustrated in Table 7-9 and Table 7-10. Data from the surveys described above were used to estimate the distribution shares and, since our chosen households' classification is based on factor ownership, overall consistency was guaranteed.<sup>34</sup> A specific adjustment is worth mentioning here. The distribution of capital value added among large and small farm was based on the amount of land they owned as appeared in the Rural Household Survey for 1991, and 10 hectares was chosen as the threshold to distinguish large from small farms.

The final SAM is shown below in

# 4 Multiplier decomposition<sup>35</sup>

As we said in the introduction, the new Colombian SAM, described in the previous sections, is valuable in its own right for providing a "snapshot" of the structure of the Colombian economy. To increase its useful descriptive value and to identify more clearly the most important inter-sectoral and inter-institutional linkages in the Colombian economy, in this section, we apply a fixed-price model to an aggregated version of the SAM. In particular, we consider an extension of the fixed-price multiplier model devised by Leontief half a century ago and later developed by Stone and associates. Firstly, we briefly show the basic algebra of the model and we then apply it to the Colombian SAM.

A schematic representation of the SAM can take the form:

$$\mathbf{T} = \begin{pmatrix} \mathbf{T}_{11} & \mathbf{T}_{12} & \mathbf{T}_{13} \\ \mathbf{T}_{21} & \mathbf{T}_{22} & \mathbf{T}_{23} \\ \mathbf{T}_{31} & \mathbf{T}_{32} & \mathbf{T}_{33} \end{pmatrix}$$

Where  $T_{11}$  is a matrix of  $m_1$  endogenous industry accounts,  $T_{22}$  is a matrix of  $m_2$  additional endogenous account (factors of production, households and investment-savings accounts), and  $T_{33}$  is a matrix of exogenous accounts.

<sup>&</sup>lt;sup>34</sup> This explain the obvious correspondences among Table 7-6 and Table 7-7 and the distribution of Table 7-9.

<sup>&</sup>lt;sup>35</sup> This section is based on Pyatt and Round (1979), and Round (1985).

<sup>&</sup>lt;sup>36</sup> See Leontief (1936), Stone (1981) and Pyatt and Round (1979, 1985).

Now, let row sums of T be represented by a vector of incomes y and column normalization of T by the matrix of expenditure shares A. Thus, the very well known property of a balanced SAM can be expressed by the following identity:

$$y = A y \tag{1}$$

Assuming  $m (= m_1 + m_2)$  accounts as endogenous and k as exogenous equation (1) can be written as:

$$\begin{pmatrix} \mathbf{y}_{m} \\ \mathbf{y}_{k} \end{pmatrix} = \begin{pmatrix} \mathbf{A}_{mm} & \mathbf{A}_{mk} \\ \mathbf{A}_{km} & \mathbf{A}_{kk} \end{pmatrix} \begin{pmatrix} \mathbf{y}_{m} \\ \mathbf{y}_{k} \end{pmatrix}$$
 (2)

from which endogenous incomes can be calculated as follows:

$$\mathbf{y}_{m} = \mathbf{A}_{mm} \mathbf{y}_{m} + \mathbf{A}_{mk} \mathbf{y}_{k}$$

$$= \mathbf{A}_{mm} \mathbf{y}_{m} + \mathbf{x}$$

$$= (\mathbf{I} - \mathbf{A}_{mm})^{-1} \mathbf{x} = \mathbf{M} \mathbf{x}$$
(3)

 $\mathbf{x}$  being a  $m \times 1$  vector of exogenous injections, and  $\mathbf{M}$  the multiplier matrix. This matrix can be multiplicatively decomposed as follows.

Consider a partition of matrix  $A_{mm}$  into two blocks where the subscripts 1 and 2 correspond to industry accounts and other endogenous accounts respectively. Equation (3) now takes the form:

$$\begin{pmatrix} \mathbf{y}_1 \\ \mathbf{y}_2 \end{pmatrix} = \begin{pmatrix} \mathbf{A}_{11} & \mathbf{A}_{12} \\ \mathbf{A}_{21} & \mathbf{A}_{22} \end{pmatrix} \begin{pmatrix} \mathbf{y}_1 \\ \mathbf{y}_2 \end{pmatrix} + \begin{pmatrix} \mathbf{x}_1 \\ \mathbf{x}_2 \end{pmatrix}$$
(4)

Then matrix  $A_{mm}$  can be decomposed as

$$\mathbf{A}_{mm} = \begin{pmatrix} \mathbf{A}_{11} & \mathbf{0} \\ \mathbf{0} & \mathbf{A}_{22} \end{pmatrix} + \begin{pmatrix} \mathbf{0} & \mathbf{A}_{12} \\ \mathbf{A}_{21} & \mathbf{0} \end{pmatrix} = \mathbf{B} + \mathbf{C}$$
 (5)

from equation (5), endogenous incomes are calculated as

$$\mathbf{y}_{m} = \mathbf{B} \, \mathbf{y}_{m} + \mathbf{C} \, \mathbf{y}_{m} + \mathbf{x}$$

$$= (\mathbf{I} - \mathbf{B})^{-1} \mathbf{C} \, \mathbf{y}_{m} + (\mathbf{I} - \mathbf{B})^{-1} \, \mathbf{x}$$

$$= [\mathbf{I} - (\mathbf{I} - \mathbf{B})^{-1} \mathbf{C}]^{-1} (\mathbf{I} - \mathbf{B})^{-1} \, \mathbf{x}$$

$$= (\mathbf{I} - \mathbf{D})^{-1} (\mathbf{I} - \mathbf{B})^{-1} \, \mathbf{x}$$

$$= (\mathbf{I} - \mathbf{D}^{2})^{-1} (\mathbf{I} + \mathbf{D}) (\mathbf{I} - \mathbf{B})^{-1} \, \mathbf{x}$$

$$= \mathbf{M}_{3} \, \mathbf{M}_{2} \, \mathbf{M}_{1} \, \mathbf{x}$$
(6)

It should be noticed that  $\mathbf{M}_1$ , being expressed in terms of matrix  $\mathbf{B}$ , measures *infra*-endogenous account multiplier effects, and that  $\mathbf{M}_2$  accounts for the *inter*-endogenous account effects. In other words,  $\mathbf{M}_1$  measures effects of, say, an increase in exogenous demand for agriculture onto agriculture itself, or, of an exogenous injection into the labor factor (for instance increased remittances) onto labor income itself.  $\mathbf{M}_2$  measures the so-called open-loop effects, i.e. the income effects originating from one endogenous group that affect the other endogenous group; for example the effect of agriculture income deriving from an increased transfer to rural households. Finally  $\mathbf{M}_3$  accounts for the so-called closed-loop effects, i.e. for those effect that have "traveled" all the circular flow of income from one endogenous account group to another and back again. For example  $\mathbf{M}_3$  may measure the increased income to agriculture generated by a higher exogenous

demand for agricultural goods, which indirectly increases households' income and then produces additional demand (and income) for agricultural goods.

In the following section we will consider an additive decomposition which is interpreted more easily. This takes the form:

```
\begin{aligned} \mathbf{M} - \mathbf{I} &= \mathbf{M}_3 \, \mathbf{M}_2 \, \mathbf{M}_1 - \mathbf{I} \\ &= (\, \mathbf{M}_3 - \mathbf{I} \,) \, \mathbf{M}_2 \, \mathbf{M}_1 + (\, \mathbf{M}_2 - \mathbf{I} \,) \, \mathbf{M}_1 + \mathbf{M}_1 - \mathbf{I} \\ &= \mathbf{N}_3 + \mathbf{N}_2 + \mathbf{N}_1 - \mathbf{I} \\ \end{aligned}
where \mathbf{N}_3 = (\mathbf{M}_3 - \mathbf{I} \,) \, \mathbf{M}_2 \, \mathbf{M}_1 \, ; \, \mathbf{N}_2 = (\mathbf{M}_2 - \mathbf{I} \,) \, \mathbf{M}_1 \text{ and } \mathbf{N}_1 = \mathbf{M}_1 - \mathbf{I}.
```

# 5 An Example of the Multiplier Decomposition for the Colombian Economy

We applied the described multiplier analysis to an aggregated version of the Colombian SAM. This version of the SAM is composed of 14 productive sectors, of 4 factors of production (capital and 3 types of labor), 3 households categories (a rural and two urban households), and 3 remaining accounts each representing government, capital account and the rest of the world. These last three accounts were designated as exogenous and the total multiplier matrix in Table 7-12 was calculated.

Each column of Table 7-12 shows the total multiplier effect on the row endogenous account's income of a unit increase in the exogenous demand of the account at the head of column. So for instance, the value 38, in row 2 - column 1, represents the increase in receipts of the sector other agriculture (*OthAgri*) produced from a unit (=100) increase in exogenous demand for the coffee sector. Table 7-12 also reports four summary measures of transmission effect. The column labeled *Ave* reports the simple average change of the row institution's income that is caused by an exogenous shock uniformly distributed to all accounts. The values reproduced in columns *Gov*, *CapA*, *Row* are averages of the respective row of the multiplier matrix **M** weighted by the expenditure shares of the exogenous accounts (government, capital account, and rest of the World). They can be interpreted as the aggregate effect on the income of a particular row of one unit injection from an exogenous account, holding its expenditure composition constant.

Among the productive sectors (first 14 rows in Table 7-12), it is possible to observe the highest multiplier effects for food products (*FoodPr*), chemicals and non metal products (*ChemNMet*), Other services (*OthServ*), and transport and communication (*TranspComm*). Given their initial expenditure composition, an injection from government produce its highest effect on the public administration sector, and an injection from the exogenous investment demand (capital account) favors capital good and construction. In addition to the above sectors, exogenous export demand shocks are beneficial to coffee and other agriculture sectors. It is also worth noticing that coffee, mining and public administration sectors, by showing the lowest multiplier values, signal their relative low interdependency with the rest of the economy.

Among the factors accounts (rows 15-18 in), capital, given its considerable share in the expenditures of the other endogenous accounts, exhibits by far the largest multiplier effects, followed by urban unskilled labor; and, among households accounts (rows 19-21 in Table 7-12), urban high income households (*UrbHighHH*) record strong effects.

Finally, the bottom part of Table 7-12 represents the "leakage" multiplier matrix and it measures how one unit leakage is spent by endogenous accounts, holding the expenditure composition on exogenous accounts constant.<sup>37</sup>

Decomposing the total multiplier matrix of Table 7-12 into its additive components can produce an even clearer picture of the Colombian economy interdependencies. This has been done in Table 7-13, which, for the sake of brevity, presents only an extract of the full transfer, open-loop and closed-loop multiplier tables<sup>38</sup>. Table 7-13 shows the account where the injection (an exogenous demand shock) originates and the multiplier effect for a subset of affected accounts. The multiplier effect is disaggregated into its additive infra-endogenous (or transfer) component ( $N_1$ ), the open-loop ( $N_2$ ) and closed-loop ( $N_3$ ) components. Both the absolute values and their relative percentage weight of the total effect are shown. Besides the table is divided into two parts, in the first we analyze the effect of an injection originating in a productive sector. In the second part of the table, we present the effect of an injection proceeding from factors of production and from a household.

The first noticeable feature of Table 7-13 (first part) is that the transfer multipliers ( $N_1$ ) are just on average 15 per cent of the total effect, and, considering the multiplier effect for the same account from which the injection proceeds,  $N_1$  is just 97, 75 and 73 per cent of the total effect for coffee, food products and other services, respectively (see rows 1, 16 and 32 in Table 7-13 - first part). In the present model, the matrix  $N_1$  is equivalent to the Leontief inverse which is calculated from a model where productive sectors alone are endogenous. The exclusion of the factor to household to private consumption loops significantly decreases the multiplier effect, even within the same account category (i.e. the productive sectors). This proves that the extension of the Leontief model to include at least factors and household accounts can be quite useful to determine more realistic multiplier estimates.<sup>39</sup>

Comparing the multipliers by the perspective of the origin of the injection, there are some clear differences between the direct  $N_1$  effect generated by an injection in coffee and that caused by injections in food product or other services sectors. It is ease to notice that an exogenous stimulus to coffee is not transmitted strongly to other sector as in the case of food product or other services. The main reason for  $N_1$  being lower for coffee is that this is not a relevant input for the other activities and, although an important source of income and foreign exchange, coffee seems to be a relatively isolated sector.

$$\begin{pmatrix} \mathbf{M} & \mathbf{J} \\ \mathbf{L} & \mathbf{0} \end{pmatrix} = \begin{pmatrix} \mathbf{M} & \mathbf{M} \mathbf{A}_{mk} \\ \mathbf{A}_{km} \mathbf{M} & \mathbf{0} \end{pmatrix}$$

where (refer to equation 2 in the text):

M is the intra-country multipliers matrix,

J the injection matrix,

Lthe leakage matrix,

Amk exogenous account expenditure shares (government, capital, Rest of the World accounts)

A<sub>km</sub> exogenous account expenditure shares.

<sup>38</sup> The full N1, N2 and N3 tables are available upon request.

<sup>&</sup>lt;sup>37</sup> More formally, the injections and leakage matrices are defined in the following equation:

<sup>&</sup>lt;sup>39</sup> A more detailed comparison between Input-Output and SAM based multipliers models is presented in Roland-Holst (1990).

Consider now N2 and N3. Coffee presents N3 effects of comparable magnitude to those of food product but these two sectors record lower  $N_3$ 's than other services. To see why we have to examine the open-loop multipliers. It is possible to notice that a stimulus to coffee has a quite larger  $N_2$  effect on rural labour (29 in row 7) and rural households (37 in row 11) compared to food product (10 in row 20, and 21 in row 24) and to other services (6 in row 33, and 18 in row 37). Conversely the  $N_2$  effect on Urban labor and households is considerably smaller for coffee with respect to the other two sectors considered here. In fact other services show the highest N2 effects for urban factor and household. This different distribution of the open-loop effect explains the differences in N<sub>3</sub> mentioned above. Rural household are the poorest and their comparatively larger income increase derived from a stimulus to coffee is not enough to make activities grow as in the case of a stimulus to other services.

From these observations it is possible to derive two important implications. The first is of distributional character. An exogenous expansion of coffee demand may increase income of the poorest, through high open-loop multiplicative transmissions to rural factors. The second implication is more of industrial policy character and, in this sense, is more standard in the linkages literature. A stimulus to more inter-connected activities, such as food product and other services, may generate a more intense growth of all sectors of the economy. In the Colombian case, higher total multiplier values are obtained notably for the large contribution of the open-loop effects.

A clearer picture of the differential distributional and growth effects can be ascertained by observing the second part of Table 7-13.

Given the simple structure of matrix  $A_{22}$  (it is an almost diagonal matrix) and the comparable demand composition shown for the different households in matrix  $A_{12}$ , Table 7-13 records, in the rightmost columns, almost identical  $N_1$ ,  $N_2$ , and  $N_3$  contribution to total effect across different sources of injection. Interesting differences arise when the scale and distribution of the absolute values of the multipliers are examined. When compared to the results for a stimulus to urban skill labor, an injection into rural labor 40 (or rural household) produces comparable N<sub>1</sub> and higher and N<sub>3</sub> effects, and thus larger total effects, for all accounts. 41 This seems to contradict what we observed earlier on, yet, upon closer inspection, it does not. Earlier on, we were observing that an exogenous stimulus to coffee was contributing to increased rural labor and household's incomes, but that a stimulus to urban activities, as food products and other services, produced overall larger multiplier values. This is due to the fact that increased demand in urban activities is transmitted to both urban skilled and urban unskilled labor. This combined effect generate substantial income effect  $(N_2)$  and larger overall effect. In the case of Table 7-13 - second part, we are comparing an injection to rural labor (or rural household) to an injection to a sub-set of of total urban labor, namely the skilled one. In this restricted case a stimulus to rural institutions seems more advantageous.

An interesting conclusion seems possible by comparing the two parts of Table 7-13. On the one hand, increasing demand for urban inter-connected non-traditional activities, may be the most effective way to stimulate economic growth. On the other hand, this

<sup>&</sup>lt;sup>40</sup> This can be represented, for instance, by an increase in government subsidies to the use of rural labor, or by a reduction of its taxation.

41 With the only exception for *OthAgri* for N3 (compare rows 45 with 58).

should be accompanied by some assistance to rural households. This coordination should accommodate industrial policy with income distribution objectives.

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# 7 Tables

Table 7-1: Activities Classifications

Agriculture	1 Coffee 2 Sugar Care	Coffee 2 Sugar Cane	14 Proc. Wood and Wood Furniture	58 Processed Wood 59 Cork	47 Processed Wood 48 Cork
	3 Plogar 4 Flowers 5 Tubers	3 Plantan 4 Flowers 5 Tubers	15 Paper and Printing		
	6 Cereals 7 Other Fruits	6 Cereals 7 Fruits	16 Chemicals and Rubber	64 Printing Products	53 Printing Products
	8 Oleaginous 9 Cotton Fiber	8 Oleaginous 9 Cotton			54 Basic Chemicals 55 Fertilizers and Posticides
	10 Bananas 11 Animal Production			67 Resins 68 Plastic Products	56 Resins 57 Plastic Products
		12 Other Agriculture		69 Rubber and Rubber Products 70 Paint, Varnish and Lacquer	58 Rubber and Rubber Products 59 Paint, Varnish and Lacquer
	17 Crop Development		17 Refined Oil Products	- 1	- 1
Forestry	18 Forestry	13 Forestry	18 Non Metal Minerals	75 Clay, Earthenware and Porcelain 76 Class Products	64 Clay, Earthenware and Porcelain 65 Clace Products
Fishing	20 Row Oil	14 Fishing			
4	21 Natural Gas Production 22 Coal Production		19 Metal Products except Equipment	78 Iron and Steel 79 Non Ferrous Metals	
	23 Other Mining Activities			1	70 A mi Machinest and Emigrana
Processed Coffee	24 Processed Coffee 25 Processed Coffee	19 Processed Coffee 20 Processed Coffee	20 Machinery and Equipment	82 Metals and Wood Equipment	
Meat	26 Raw Meat	21 Raw Meat		83 Special Manufacturing Equipment	72 Special Manufacturing Equipment
	28 Processed Fish				
	29 Poultry	24 60	_	80 Domestic Appliances 87 Non Specified Electric Ferrinment	
Processed Grains	31 Other Processed Grains			88 Other Equipment and Machinery	
			21 Transportation Equipment		
	33 Other Food Products form Grains 34 Other Milled Products 35 Food for Animals	27 Other Food Products form Grains 28 Other Milled Pr. & Animal Food		90 Aeroplanes 91 Ships 92 Trains	79 Acroplanes 80 Other Ships
Milk and Dairy Products		29 Milk		-1	- 1
	37 Cream and Butter 38 Debydrated Milk 39 Ice Creams 40 Other Daary Products	30 Other Dairy Products	22. Other Manufatured Products	94. Professional Equipment 95. Photographic Equip. 96. Watches 97. Musical Equip.	81 Professional Equipment 82 Other Manufatured Products
Sugar	41 Sugar 42 Other Sugar Preshers	31 Sugar 32 Other Sugar Products	23 Electricity, Gas and Water 24 Construction and Civil Works	98 Electricity, Gas and Water 99 Construction and Civil Works	83 Electricity, Gas and Water 84 Construction and Civil Works
10 Beverages			25 Commerce 26 Transportation	100 Commerce 101 Transportation	85 Commerce 86 Transportation
	45 Beer 46 Alcoholic Beverans				87 Comunication 88 Financial and Insurance Services
				104 Housing	
I Tobacco				105 Personal Services	
12 Other Agricultural Products	8 42	38 Oil and Margarines. 39 Products form Fruits and Legumes	31 Governmental Services 32 Domestic Services	107 Other Services	91 Governmental Services 92 Other Services
	51 Chocolate and Candy. 52 Other Food Products	<ol> <li>Chocolate and Candy.</li> <li>Other Food Products</li> </ol>			
3 Textiles and Clothes	53 Textiles	42 Texules			
	55 Clothes	45 Clothes			
	Se Leading				

Table 7-2 Yearly Manufacturing Survey (YMS) and National Statistical Office IO table selected aggregate values

	Int. Consumption	Value Added	Gross Production
YMS	16,922,444 <sup>42</sup>	9,129,458	$26,114,902^{43}$
NSO's IO	16,360,215	8,844,334	25,204,549
% Difference	3.4	. 3.2	3.6

Table 7-3: Colombia's commercial partners

Canada	Nicaragua	Ecuador	Taiwan
USA	Panama	Peru	Hong Kong
Mexico	Puerto Rico	Paraguay	Japan
Costa Rica	Argentina	Uruguay	EU north44
Guatemala	Bolivia	Venezuela	EU south <sup>45</sup>
El Salvador	Brazil	South Korea	Former–Efta <sup>46</sup>
Honduras	Chile	China	Rest of the World

<sup>42</sup> Intermediate consumption of Services by the manufacturing sectors is added to the intermediate consumption displayed in the Yearly Manufacturing Survey.
<sup>43</sup> Indirect taxes are excluded. Additionally, CERT (Certificados de Reembolso Tributario) and other minor

transactions are adjusted.

44 Includes Germany, Belgium, Luxembourg, Denmark, France, United Kingdom, Holland and Ireland.

45 Includes Spain, Italy, Portugal, and Greece.

46 Includes Austria, Sweden, Finland, and Norway.

Table 7-4: Colombia Macro-SAM, 1994 current billion pesos

	1	2	3	4	5	6	7	8	9	10	
	ACT	CAP	LAB	HH	GOV	K ACC	S.V.	I. TAX	TAR	ROW	Tota
1 ACTIVITIES	34,786			39,270	7,653	11,873	1,616			8,935	104,13
2 CAPITAL	27,611									22	27,61
3 LABOR	23,528	22.611	22 125		2215					22	23,55
4 HOUSEHOLDS		27,611	23,435	6.077	2,315			5 262	1 101		53,36
5 GOVERNMENT				6,977	2746			5,362	1,481	2 727	13,82 13,48
6 CAPITAL ACC.				7,015	3,746	1716				2,727	13,40
7 STOCK VAR.	5.060					1,616					5,36
8 INDIRECT TAXES	5,362									1	1,48
9 TARIFFS	1,481		116	205							11.68
10 REST OF WORLD	11,363	27.611	23,551	53,467	13,714	13,489	1,616	5,362	1,481	11,684	11,00
Total	104,132	27,611	23,331	53,407	13,714	13,489	010,1	5,302	1.401	11.064	
	1	2	3	4	5	6	7	8	9	10	
	ACT	CAP	LAB	HH	GOV	K ACC	S.V.	I. TAX	TAR	ROW	Te
1 ACTIVITIES	10			C	G	- 1	VS			E	Tot Dema
2 CAPITAL	VAK										Tot Value Ade
3 LABOR	VAL									Remitt	Tot Value Ade
4 HOUSEHOLDS		VAK	Dist.VAL		$Transf_G$						Total Inco
5 GOVERNMENT	4			DirTAX				ITAX	TARIFF	- 2.1	Govern. Inco
6 CAPITAL ACC.				SH	SG					S	Savi
7 STOCK VAR.	1					Transfer					Variation Sto
8 INDIRECT TAXES	ITAX										Indirect Ta
9 TARIFFS	TARIFF										Tar
10 REST OF WORLD	M			Transfer							Impe
Total	Tot	Tot		Househ.		Invest-	Var	I. Tax	Tariffs	Foreign	
	Supply	Value			Expendi-	ment	Stocks			Ex-	
		Added	Added	ture	ture					change	
ccounting Identities:											
+G+1+E=Y+M				here: I incl	udes VS and	Y = value a	dded plus i	ndirect taxe	s and M inc	ludes tariff	5
+ Dir <sub>TAX</sub> + S <sub>H</sub> + Transfer <sub>H</sub> =	Yıı	I	icome w	here: YH is	households'			alue Adde	and gover	nment trans	fers
$I + S_G + S_F = 1$		S	aving - Inv	estment bal	ance who	ere: I include	e VS				

Table 7-5: Labor Classification and Percent Shares over Total Employment

Urban	%		%		Rural	%
Private sector		Public sector		Acronyms	Skilled Workers	1
Professional and Managers	4	Professional and Managers	3	PrfMan	Medium Skilled Workers	9
Other Salaried Workers	2	Other Salaried Workers	1	OthSal	Unskilled	27
Skilled Workers	1	Skilled Workers	0.2	Skill		
Medium Skilled Workers	20	Medium Skill Workers	6	Mskill		
Unskilled Workers	19	Unskilled Workers	2	Unsk		
Independent	6			Ind		

<u>Table 7-6: Classification of Urban Households by Occupation Status and Skill Level of Head; Bottom panel: percentages</u>

	PrfMan	OthSal	Skill	Mskill	Unsk	Ind
Government employee	Gov.t Empl.	Gov.t Empl.	Gov.t Empl.	Gov.t Empl.	Gov.t Empl.	Gov.t Empl.
Private Sector employee	Professional	Professional	Laborer	Laborer	Laborer	Professional
Domestic Employee	Own Account	Own Account	Own Account	Own Account	Own Account	Own Account
Independent	Professional	Proprietor	Own Account	Own Account	Own Account	Proprietor
Employer	Professional	Proprietor	Employer	Employer	Employer	Proprietor
Government employee	4	1	0.1	4	2	0
Private Sector employee	3	3	1	17	18	0
Domestic Employee	0	0	0	0.001	0.8	0
Independent	3	1	1	12	18	9
Employer	1	0.1	0.01	1	1	2

<u>Table 7-7: Classification of Rural Households by Occupation Status and Skill Level of Head; Bottom panel: percentages</u>

	Skilled Workers	Medium Skilled	Unskilled	Agriculture Workers
Employee	Non Agri Skill	Non Agri Skill	Non Agri Low Skill	Agricultural HouseH.
Domestic Employee	Non Agri Low Skill	Non Agri Low Skill	Non Agri Low Skill	Agricultural HouseH.
Independent	Rural Independ HouseH.	Rural Independ HouseH.	Rural Independ HouseH.	R. Indep.H./ Farmer
Employer	Rural Independ HouseH.	Rural Independ HouseH.	Rural Independ HouseH.	Small/Large Farmer
Family Employee without Salary	Non Agri Skill	Non Agri Skill	Non Agri Low Skill	Agricultural HouseH.
Employee	1	6	6	30
Domestic Employee	0.01	0.1	6	0
Independent	0.05	0.2	1	3
Employer	0.3	6	17	24
Family Employee without Salary	0.03	0.1	0.1	1

Table 7-8: Households' Classification and Percent Shares over Total Population

Urban	%	Rural	%
Proprietor	7	Small Farmer	2
Own Account	14	Large Farmer	1
Employer ·	2	Rural Independent Head	18
Professional	6	Agricultural Household	12
Laborer	24	Non Agricultural Skilled Head	4
Government Employee Head	6	Non Agricultural Low Skilled Head	5

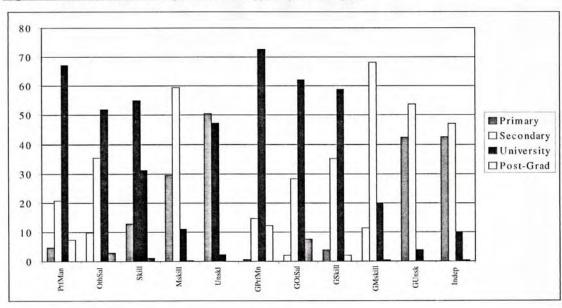
Table 7-9: Income Flows from Factors to Households

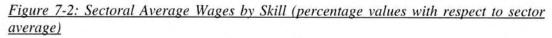
Households	Factor Ownership	
- (	Labor	Capital
Urban		
Proprietor	Other Salaried Workers	Urban Capital
	Unskilled Workers	
Own Account	Skilled Workers	Urban Capital
	Medium Skill	
	Unskilled Worker	
Employer	Skilled Worker	Urban Capital
	Medium Skill	
	Unskilled Worker	
Professional	Professional and Managers	
	Other Salaried Workers	
Laborer	Skilled Worker	Urban Capital
	Medium Skill	
	Unskilled Worker	
Government Employee Head	Professional and Managers	Urban Capital
	Other Salaried Workers	
	Skilled Workers	
	Medium Skill Workers	
	Unskilled Workers	
Rural		
Small Farmer	Skilled Workers	Rural Capital
Large Farmer	Skilled Workers	Rural Capital
Rural Independent	Skilled Workers	
The state of the s	Medium Skilled Workers	
	Unskilled	
Agricultural Household	Skilled Workers	Rural Capital
i ig. i van and i i van en ora	Unskilled	
Non Agriculture skilled Head	Skilled Workers	Rural Capital
The state of the s	Medium Skilled Workers	
Non Agriculture Low Skilled Head	Medium Skilled Workers	Rural Capital
	Unskilled	

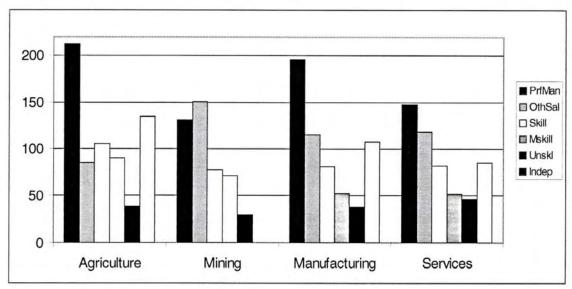
Table 7-10 Income Flows from Factors to Households (percentages)

	RSkill	RMskil	RUnsk	PrfMan	OthSal	Skill	Mskill	Unskl GI	PrfMn	GOtSal GMsk	ll GUnsk	Indep	Capital
Small Farm	4												7
Large Farm	1												6
Rur Independ.	33	1	1										8
Agri Head	30		76										1
NAgri Skill	31	96											.0
NAgri Unskill		2	24					1					0
Proprietor					19			O,				100	25
Own Account						39	30	51					16
Employer						1	3	3					1
Professional				100	81								22
Laborer						61	67	46				0	12
Gov.t Employee					0				100	100 10	00 100		1
Total	100	100	100	100	100	100	100	100	100	100 10	0 100	100	100

Figure 7-1: Education level of SAM labor types (percentages)







# Table 7-11: Urban Labor Categories Classification

SAM Labor Category Professional & Manager	Code Skill types and occupations   1 Especialistas en ciencias (químicos, físicos, etc.)
Toressional & Manager	2 Arquitectos, urbanistas e ingenieros en todos los campos
	5 Biólogos, agrónomos y técnicos asimilados
	6 Médicos, odontólogos, veterinarios, farmacéuticos
	9 Economistas, analistas del estudio de mercados
	12 Juristas, abogados, jueces, magistrados, fiscales y notarios
	13 Profesores universitarios, de secundaria, primaria, precscolar y de educación especial
	15 Autores, periodistas y escritores asimilados: críticos, redactores técnicos, jefes de medios publicitarios, etc.
	17 Músicos, artistas, empresarios y productores de espectáculos: compositores, cantantes, bailarines, coreógrafos, actores, etc
	19 Profesionales, técnicos y trabajadores asimilados no clasificados anteriormente
	20 Miembros de cuerpos legislativos y personal directivo de la administración pública
Mary Caladad Washing	21 Directores y personal directivo: gerentes de industrias y empresas de servicios públicos o privados, administrador de empresas y público.  3 Agrimensores, dibujantes y técnicos en todos los campos relacionados con la ingeniería, ayudante analista ambiental
Other Salaried Workers	Agrimensores, uniquanes y centros en toutos los campos teracionados con la ingeneria, ayodante anatosa anotenas     A Pilotos y oficiales en aviación y marina
	8 Fistadígrafos, matemáticos, analistas de sistemas y técnicos asimilados
	11 Contadores, auditores
	30 Jefes de empleados de oficinas: jefes, supervisores e inspectores de crédito y cobranzas, etc.
	31 Agentes administrativos de la administración pública, supervisores, etc.
	35 Jefes de servicios de transportes y comunicaciones: ferrocarriles y correos (aéreo, postal, comunicaciones)
	40 Directores y gerentes de comercio al por mayor y al detal
	50 Directores de servicios de hotelería, bares, similares y otros servicios personales
	60 Administradores y jefes de explotaciones agropecuarias: administrador de cooperativa agropecuaria, mayordomo, capataz
Skilled Workers	7 Enfermeros, parteras, optometristas, fisioterapeutas, ergoterapeutas, técnicos radiólogos y asimilados
	16 Escultores, pintores, fotógrafos y artistas asimilados.
	42 Jefes de ventas y compradores, promotores y supervisores de ventas y cotizadores
C. II PLUI W. T	70 Contramaestres, supervisores y capataces en fábricas, trabajos de minería, artes gráficas, etc.
Medium Skill Workers	<ul> <li>18 Atletas, deportistas y trabajadores asimilados: entrenadores, árbitros, cronometristas deportivos, etc.</li> <li>32 Secretarias, mecanógrafas, taquígrafas y operadoras</li> </ul>
	32 Secretarias, mecanografas, taquigrafas y operatorias 33 Empleados de contabilidad, cajeros, empleados en los servicios bancarios.
	34 Operadors de máquinas para cálculos contables y estadísticos
	36 Jefes de tren, contratadores, cobradores y despachadores de servicios de transporte, ayudante o voceador de bus, etc
	38 Telefonistas y telegrafistas, operadores de radio en navegación aérea y marítima y radio-telefonista
	39 Personal administrativo y trabajadores asimilados no clasificados en los códigos anteriores.
	43 Agentes técnicos de ventas, viajantes de comercio y representantes de fábricas: agentes e inspectores de ventas, visitadores médicos, etc.
	44 Agentes de seguros, de inmobiliarios, de cambio y bolsa, de ventas de servicios a empresas y subastadoras
	45 Vendedores, empleados de comercio y trabajadores asimilados.
	53 Cocineros, camareros, bármanes, meseros y trabajadores asimilados, discjockey, etc.
	57 Peluqueros, especialistas en tratamiento de belleza y trabajadores asimilados: barbero, manicurista, asistente de baños turcos, etc.
	58 Personal de servicios de protección y salud: bomberos, policías, detectives, agentes de aduana, guardián de prisión, celador o vigilante.
	59 Trabajadores de servicios no clasificados entre los enunciados bajo la codificación que comienza por 5.
	74 Operadores de instalaciones térmicas para tratamientos químicos.
	77 Trabajadores de la preparación de alimentos y bebidas.
	84 Ajustadores, montadores e instaladores de maquinaria e instrumentos de precisión, relojeros y mecánicos no electricistas.
	85 Electricistas, electrónicistas y trabajadores asimilados.
	86 Operadores de estaciones, de emisoras de radio T.V. y de equipos de sonorización y de proyecciones cinematográficas
	88 Joyeros y plateros: fabricantes y reparadores de joyas y artículos en plata, etc. 91 Confeccionadores de productos de papel y cartón
	92 Trabajadores de productos de paper y carioni 92 Trabajadores de artes gráficas: cajistas, tipógrafos, operadores de prensa de imprimir, estereotipadores y electrotipistas y traba
	22 Transguores de ares grancas, cajistas, dipografos, operadores de preisa de imprimir, escreoripadores y electrospistas y dator asimilados
	94 Trabajadores manufactureros y trabajadores asimilados no clasificados anteriormente.
	96 Operarios de máquinas fijas y de instalaciones similares; centrales térmicas, hidroeléctricas, plantas eléctricas, etc.
Unskilled Workers	70 Operatios de manajeros.  37 Carteros y manajeros.  37 Carteros y manajeros.
CHARIICA HORCIS	49 Comerciantes y vendedores no clasificados atrás, prestamistas, cambiador de monedas, alquilador de flotadores, etc.
	52 Jefes de personal de servidumbre: servicios generales, mayordomo, ecónomo, ama de llaves
	54 Personal de servidumbre no classificado anteriormente.
	55 Guardianes de edificios, personal de limpieza y trabajadores asimilados; portero, conserje, aseador, limpiador de ventanas, etc.
	56 Lavanderos, limpiadores en seco y planchadores
	62 Trabajadores agropecuarios: Cultivos extensivos, árboles y arbustos, ería y ceba de ganado, ordeñador, jardinero, tractorista, agrícola, etc
	63 Trabajadores forestales.
	64 Pescadores, cazadores y trabajadores asimilados: marinero, pescador, piscicultor y criador de peces, etc.
	71 Mineros, canteros, sondistas y trabajadores asimilados.
	72 Trabajadores metalúrgicos.
	73 Trabajadores del tratamiento de la madera y de la fabricación de papel y cartón.
	75 Hilanderos, tejedores, tintoreros y trabajadores asimilados.
	76 Trabajadores de la preparación, curtido y tratamiento de pieles: curtidores y pellejeros, adobador y teñidor de cueros, etc.
	78 Trabajadores del procesamiento del tabaco, cigarreros y operadores de la fabricación de cigarrillos
	79 Sastres, modistos, peleteros, tapiceros y trabajadores asimilados.
	80 Zapateros y guarnecedores, trabajadores del calzado, artesanos del cuero y trabajadores asimilados
	81 Ebanistas, operarios de máquinas de labrar madera, carpinteros y trabajos similares
	82 Labrantes y adornistas: seleccionadores, pulidores y torneros de piedras, etc.
	<ul> <li>83 Trabajadores de la labra de metales.</li> <li>87 Fontaneros, soldadores, chapistas, caldereros y preparadores y montadores de estructuras metálicas</li> </ul>
	<ul> <li>89 Vidrieros, ceramistas y trabajadores asimilados.</li> <li>90 Trabajadores de la fabricación de productos de caucho y plástico.</li> </ul>
	93 Pintores de edificios y construcciones, pintor automotriz, 95 Trabajadores de la construcción y albañiles.
	95 Trabajadores de la construcción y atrianties.  97 Trabajadores de la manipulación de mercancías y materiales de movimiento de tierras.
	98 Conductores de vehículos de transporte, contramaestres de barcos, marineros, maquinistas; jefes de trenes de mercancías, etc
	99 Peones no clasificados hajo otros epígrafes.
	41 Comerciantes propietarios al por mayor y al detal
	THE CONTRACTOR OF THE PART OF
Independent	51 Gerentes propietarios de hoteles, bares, cafés y similares, administrador y propietario de parqueadero

Table 7-12: SAM Multiplier Matrix

Coffee         131         4         4         9         3         3         1         5         4         3         3         4           2 OthAgri         38         129         26         50         28         18         8         31         27         24         24         27           3 Mining         3         107         3         3         8         1         5         4         2         3         4           4 FoodPr         40         47         42         150         33         29         13         51         44         2         3         8         4         2         3         4           5 LightMan         14         15         14         14         137         11         6         17         17         13         17           6 ChemNMet         34         42         34         35         37         14         13         11         12         14         13         11         12         14         13         11         10         11         10         11         10         4         18         14         18         14           8 EleGasWat	4 4 4 4 129 26 5 14 15 14 15 1 1 1 1 1 1 1 1 1 1 1 1 1	50 28 3 28 3 28 50 33 54 137 10 11 80 58	88 88 88 88 88 88 88 88 88 88 88 88 88		5 31 51 77 77 78	4 7 4 4	£ 42	£ 45 c	4 27	35	7	5	4	ı	ı	1				- day	١
38         129         26         50         28         18         8         31         27         24         24           40         47         42         150         33         29         13         51         43         38         38           14         15         14         14         137         11         6         17         17         13         13           12         14         15         14         13         11         16         17         17         13         13           10         12         14         13         11         12         28         18         14         18           10         12         14         13         11         10         4         115         9         10         9           8         9         11         10         11         10         4         115         9         10         9           10         15         14         13         11         10         4         115         9         10         9           20         23         33         35         35         35         35 <t< th=""><th>129 26 3 107 47 42 15 14 15 1 19 15 1 18 1 19 11 19 11 19 11 11 19</th><th>50 28 3 3 2 3 50 33 50 33 50 34 50 11 10 11 88 38</th><th>8 8 8 2 7 7 8 1 9 8 8</th><th>_</th><th>31 5 51 77 77 78</th><th>27 4 4 43</th><th>24</th><th>24</th><th>27</th><th>35</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>v</th><th></th><th></th><th></th></t<>	129 26 3 107 47 42 15 14 15 1 19 15 1 18 1 19 11 19 11 19 11 11 19	50 28 3 3 2 3 50 33 50 33 50 34 50 11 10 11 88 38	8 8 8 2 7 7 8 1 9 8 8	_	31 5 51 77 77 78	27 4 4 43	24	24	27	35								v			
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72 69 65 63	59 61 5	88 59	9 45		72	69	9	63	74	19	47	46					-				

Gov CapAcc Row Error

Table 7-13: Illustration of Multiplier Decomposition (first part)

				Abs	olute Va	lue		Per	cent Sh	are
	Account where	Account affected	Initial		O-L	C-L	total	Transf	O-L	C-L
	injection originates	by injection	Injectn	effect	Effect	Effect		effect	Effect	Effec
	o i gilime			NI	N2	N3		NI	N2	N3
(1)	Coffee	Coffee	100	27	0	3	131	97	0	3
(2)		OthAgri	1000	14	0	24	38	37	0	63
(3)		FoodPr		2	0	39	40	4	0	90
(4)		ChemNMet	1.045	7	0	28	34	19	0	81
(5)		TranspComm	-	3	0	25	27	10	0	90
(6)		OthServ		0	0	32	32	. 0	0	100
(7)		RurLab		0	29	11	39	0	73	27
(8)		UrbSkill	0.00	0	4	15	19	0	21	79
(9)		UrbUnskill	12-1	0	8	17	25	0	31	69
10)		Capital	140	0	35	63	98	0	36	6-
(11)		RurHH	7.721	0	37	25	62	0	59	41
(12)		UrbHighHH	-	0	21	46	68	0	32	68
(13)		UrbLowHH	-	0	17	34	52	0	34	66
14)		Coffee		5	0	3	9	62	0	38
15)		OthAgri	1 - 3	27	0	23	50	55	0	4
	FoodPr	FoodPr	100	13	0	37	150	75	0	2
17)		ChemNMet		9	0	27	35	25	0	75
18)		TranspComm		7	0	24	30	22	0	78
19)		OthServ		1	0	31	31	2	0	98
20)		RurLab		0	10	10	20	0	50	5(
(21)		UrbSkill	-	o.	6	14	20	0	30	70
22)		UrbUnskill	1.045	0	12	17	29	0	43	5
23)		Capital	120	0	46	60	107	0	43	5
24)		RurHH	-	0	21	24	45	0	46	5
25)		UrbHighHH		0	29	44	74	0	40	60
26)		UrbLowHH		0	25	33	58	0	43	5
27)		Coffee	-	4	0	4	8	47	0	5.
28)		OthAgri		7	0	28	35	20	0	80
29)		FoodPr	12	14	ő	45	59	24	0	70
30)		ChemNMet		3	0	32	36	9	0	9
31)		TranspComm		2	ŏ	29	30	5	0	9
32)	OthServ	OthServ	100	0	ő	38	138	73	0	2
33)	ouioer,	RurLab		0	6	12	18	0	31	69
34)		UrbSkill	100	0	22	17	39	0	56	4
35)		UrbUnskill		0	11	20	32	ő	36	6
36)		Capital		0	55	74	128	ő	43	5
37)		RurHH		0	18	29	48	0	38	6
(38)		UrbHighHH		0	48	54	102	0	47	5
39)		UrbLowHH	1.51	0	27	40	67	0	40	60
39)	Average	CIOLOWIII	-	- 0	21	40	07	15	22	63
	Average		4-5500		70/11			13	44	0.

Table 7-13: Illustration of Multiplier Decomposition (second part)

	random established			Abs	olute Va	lue		Per	cent Sh	are
	Account where	Account affected	Initial	Transf	O-L	C-L	total	Transf	O-L	C-L
	injection originates	by injection	Injectn	effect	Effect	Effect		effect	Effect	Effec
	originates			NI	N2	N3		NI	N2	N3
40)		Coffee	-	0	2	3	5	0	43	57
41)		OthAgri		0	15	20	34	0	43	5
42)		FoodPr	-	0	23	32	55	0	43	5
43)		ChemNMet	-	0	17	23	40	0	43	5
44)		TranspComm	-	0	15	20	35	0	43	5
45)		OthServ	-	0	20	20	40	0	50	50
	RurLab	RurLab	100	0	0	15	115	87	0	1.
47)		UrbSkill		0	0	21	21	0	0	10
48)		UrbUnskill		0	0	25	25	0	0	10
49)		Capital	-	0	0	90	90	0	0	10
50)		RurHH	-	100	0	36	136	73	0	2
51)		UrbHighHH	- 14	0	0	66	66	0	0	10
(52)		UrbLowHH		0	- 0	49	49	0	0	10
53)		Coffee	-	0	2	2	4	0	41	5
(54)		OthAgri		0	10	16	26	0	40	6
(55)		FoodPr		0	17	26	43	0	40	6
(56)		ChemNMet		0	14	19	32	0	43	5
(57)		TranspComm	- 5	0	12	17	29	0	43	5
(58)		OthServ		0	17	22	39	0	45	5.
(59)		RurLab		0	0	12	12	0	0	10
	UrbSkill	UrbSkill	100	0	0	18	118	85	0	1
(61)	CIUSKIII	UrbUnskill	-	0	0	21	21	0	0	10
(62)		Capital		0	0	74	74	0	0	10
(63)		RurHH		0	0	29	29	0	0	10
(64)		UrbHighHH		96	0	54	150		0	3
(65)		UrbLowHH		4	0	40	44		0	9
(66)		Coffee	-	0	2	3	5	0	43	5
(67)		OthAgri	920	0	15	20	34		43	5
(68)		FoodPr		0	24	32	55		43	5
(69)		ChemNMet		ŏ	17	23	40	- S	43	5
(70)		TranspComm	1.00	0	15	20	36		43	5
(71)		OthServ	-	0	20	27	46		43	5
(72)		RurLab		0	0	15	15	0	0	10
		UrbSkill	100	0	0	21	21	ő	0	10
(73)		UrbUnskill		0	0	25	25		ő	10
(74)		Capital	1	0	0	91	91	0	0	10
(75)		RurHH	100	0	0	36	136		0	2
	RurHH			0	0	67	67		0	10
(77)		UrbHighHH		0	0	50	50		0	10
(78)	Average	UrbLowHH	-	- 0		50	.50	10	20	7

Table 7-14: 1994 SAM for Colombia (10<sup>6</sup> current pesos)

Co	offee :	SugarCa ne	Plantain	Flowers 4	Tubers 5	6 Cereals	7 Fruits	Oleagino us	RawCon on	Banana	Livestoc k	OthAgri	Forestry	14 Fisheries	Oil	NatGas	Coal		ProCoffe e1	e2	
	0	0 816	0	0	0		0	0		0			0	0	0	0	0			4,487	
	0	0	3,836	0	0	0.	. 0	0	0	0	- 0	0	0	. 0	0	0	0	. 0	421	2,382	
	0	.0	0	11,939	8.681	0	0	0		0	0	0	0	0	0	0	0	0		7,749	-
	0	0	0	0	0.001		0	0		0	0			0	0	0	0			22,559	
	0	0	. 0	0	0	0	89	0	0	0	0	0	0	0	- 0	0	0	- 0	17	730	
5	0	0	0	0	0		0	6,208	611	0	0	0	0		0	0	0	0		228	-
·	0	0	0	0	0		0	0	0	0	- 0	0	0	0	. 0	0	0		2	44	
	0	427	0	140			0	444	320	453	65,241	1,978	0		- 0	0	0	.0		4,335	1,0
-	0	0	0	0	0	0	0	, 59		0	0		0		0	1.677	273	579	2,797	2,453 542	-
	0	. 0	- 0	0	0		0	0		0		0	- 0			0	0	0	0	0	
	0	0	0	0	- 0		0	0		- 0		0			5,899	6.206	998	2,098		0	
-	0	0	0	0	0		0	0								19,110	8,042 2,531	16,924 5,261	0	0	
	0	0	- 0	0	0	. 0	- 0	- 0	0			0	0		2.977	3,131	504	1,067	0	956	
_	0	0	0	0	0	0	0	0		0					0	0	0			42,345 8,790	-
-	0	0	0	0			0	0								0	0			2,3	1
	0	0	0	0	0	0	0	0	- 0	- 0	- 0	0	- 0	0	. 0	. 0	. 0	(	23	550	
	0	0	0	0	0	0	0	0	0	0			0		0	0	0	(	163	748	-
-	0	0	0	0	0		0	0								0	0			1,136	+
	0	0	0	0	0	0	0	0	0	0	33,834	0	0	0	0	0	0	(	0	2	
	0	. 0	0	0		0	0	0	0	0			0		0	0	0		0 1	35	
-	0	0	0		0.0	0	0				166,881					0	0			172	-
	0	0	0	0	0	0	0	0	-0	0	. 0	0	- 0	0	0	0	0	(	210	730	
	0	0	0	0	- 0	0	0	- 0	0	0	0	0	0		0	0	0	(	1.076	5,266	
-	0	0	0	0	0	0	0		0	0		0	0				0			1,035	
	0	0	. 0	0	0	0	- 0	- 0	. 0	0	0	0	. 0	0	0	0	0	. (	0	0	1
	0	0	0	. 0	0	0	0		0	0	0	- 0	- 0		0	0	0	(	0 0	- 0	
-	0	0	0	0	0	0	0	0			0		0		0	0	0	(		71	
-	0	0	0	0	0		0						0		0	0	0			2,722	
	0	- 0	0	0	0	0	0	0	0	0	. 0	0	. 0	0	0	0	. 0	(	29	382	
	0	0	0	0	0		0	0					0		0		0	(		3,503	+
2	541	1.046	0	5,242		2,876	1,552	648	2.349				184		0	0	0	(	2.257	8	1
	225	93	. 0	464	109	255	137	57	208	0	669	210	16	105	0	0	0	(	20	5	F
	115	179	0	897	211	2	265	111		0			32		0	0	0	- (		1,154	
	22	9	0	46	11	25	14	6	20	0			2	10	0	0	0	(	0	0	)
- 1	.239	510	0			1,402	756	316	1.145	- 0					3,869	1,708	273				
-	92	38 60	0	190 302	45 71	104 166	56 89	23	135	0		136	0		287 458	127 202	20 32	6		12	1
	141	0	0	302	2	8	0	2	4	13	42	2	0	_		1	- 0	(	0	- 0	)
	28	- 1	0	2	6	25 15	0			39		6				2	0			2,430	
-	17	0	0	1	3	15	0		6				0		2	1	0			5.559	
15	741	349	0	1.096		14,261	123						0		165	79	13	2	7 146	4,308	
32	.223	715	0	2,243	6.679	29.193	253	6,564	13,168	44,991	144,740	6,975		578	338	161	26	5	4 0	- 0	)
6	6,638	147	0	462	1,376	6,014	52	1.352	2,713	9,269	29,819	1,437	- (	119	70 48	33 23	5	1	1 193	2 990	
13	,561	305	0	317 958	945 2.851	4.132 12,464	36 108	929	1,864	6,369	20,489	987	- 6				11			2,880	
1	.677	37	- 0	117	348	1,520	13	342	685	2,342	7.535	363	(	30	. 18	8	1		3 0	179	
	.508	33	0	105	313	1,366	12	307		2,106	6,775	326	(		16 23	8	1		1 182	872	1
2	1,240 1,926	50	0			2.651	18	456	915	3,128		485	- (		31		2	-	376	611	1
1	0	5,419		. 0	0	9,625	- 0	2,479	1.078	(	83.19	0	158		27,576	9,201	1,475	3,10	2 0	- 1	9
	286	6	0				2	55		399	1,285	62			412	196	31 20	6	6 0		
1	186	38	0		38	1.546	13	349		2.382	7.66	369				1,171	187	39	6 0	4.761	1
	.010	355				761	- 0	339	287	267	3,068	3 7	678	32	9,296	6.432	1.032	2.17	0 0		0
	253	89	.0			191	0		5] 72	67	768		170			1,611	258 276	54		2,214	
-	271 35	95 12	0		13	204 26	0	91	2 10	72	822	7 0	182	23	2,491	1,724	4		9 0	2,214	1
	225	79	- 0	31	10	170	- 0	76	5 64	- 60	684	1 2	124	147	244	169	27	5 7	7 0	(	1
	285	100	0				0						157		309 814	214 564	34 90	19	2 0	(	4
-	751	264	0		35 12	566 202	0	252		199			148		291	201	32	6			0
	183	64	0	25	8	138		63	52	49	55	7 1	101	120	199	138	32 22	4	6 0	(	0
	937	329	0	128	43	706	0	315							1,016	703 643	113		7 0		
-	857 676	301 237	0	93	31	509	0	285					47			821	132	27	7 0		
	138	48	0	19	6	104	0	40	31	36	418	1	- (	) 0	242	167	27		6 0	(	0
	122	43	0	17	6	92	- 0	41		32	37	1		0		148	24	5			
-	18	15	0		1	14	0				13.	5 0				0	0				
	307	321		207		148	96		7 42	(	73	7 56			31,223	26,502	4,462	9,39	3 1,192	415	5
	259	228	0	- 90	30	490	- 0	219	184	175	1,970	5 4		0	53,458	69,278	29,331	61.77	9 305	100	6
	2.154	0	1 0	782			2.43	440					1 1 1 1 1			867 24,138	141 3,867	29 8,14		4,285	
7	7,767	8,141	3,687	5.240		3,744	2,439					1,418	1.118	0 0	1.076	914	154	32	4 491	171	1
	1,640	80,338	39,908	9,697	10,590	24,693	26,176	4,080	2,375	13,257	122,41	47,858		13.248	94,561	57,300	23,319	40,95	0 52,425	8,613	3
	0	401	218	0			118									277	45	9	0 0	14	
-	124	401	218				118										42	1	0 0		
		0					_		0 (			0 0		0					0 0		0

able 7-15: (continues)

0	0		0 118.525	267.773	0	0	0	0	1 0	1 0	ar 0	cs 0	e 0	Alc	0	0	0	Veg	600	
Column   C	0		0 (	1	201	132	0	0	- 0	274,019	28,213	0	9	181	- 0	.0	0	1	17	
Description   Color   Color																				
No.   1	0		0 155	350	394	260	2,404	0	0	10	1	0	0	0	. 0	. 0	4	34		
28																				
O	26		6 179	405	602	397	8,701	41	41	0	0	0	0	0	0	- 0	165,806	3	3,521	
125.96   154.07   1																				H
0	125,967	28,14	7 54	122	27,058	17.832	2,629			60	6	0	29	485	0	- 0	4,973	187	1,273	
0																				
O	0	10,31	8 (	0	- 0	. 0	- 0	.0	0	0	0	0	0	0	0	0	0	- 0	- 0	
Beauty   Color   Col																				
Description   Color   Color	0		0 0	0	0	0	0	0	0	- 0	- 0	- 0	0	0	0	- 0	0	0	0	
O																				
2.282   506	. 0		0 0	0	2	2	- 0	12	12	- 0	0	- 0	0	20	- 0	- 0	0	0	432	
15																				
27	15	- 8	8 28	64	864	569	35	- 0	0	- 0	0	0	0	0	0	- 0	.0	0	- 0	
O   O   O   O   O   O   O   O   O   O																				
4.318 [1931] 00 0 24 16 39489 22 22 22 0 0 0 2 0 0 0 0 0 15 0 0 0 0 5 18 0 0 0 0 0 0 15 0 0 0 0 0 0 0 0 0 0 0 0	0		0 0	0	- 11	7	446	0	. 0	.0	0	0	0	0	0	0	0	0	0	
10																			1,685	H
15	- 0		0 0	.0	1.904	1,255	. 0	5,741	5.726	- 0	0	0	0	0	0	0	2	45	522	
O																				
Tell   1	- 0		0 1	3	37	25	3,123	- 0	- 0	213	22	0	0	61,493	0	0	61	0	0	
0 0 0 0 0 0 111 73 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			8	
O	0		0 0	0	111	73	0	- 0	0	- 0	0	0	0	1,244	0		0	0		
Section   Sect																				
0	80	3	8 89	201	11,215	7,391			1.098	5	1	0	0	0.	. 0	0				
S57			0 28				178										639		3,364	-
38				146	6,945	4,577		663								36	178	103		Г
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			16	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.0			0	0	0	- 0	0	0	0	- 0	0	0	0	0	0	0	0	0	
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288   108   303   685   9.898   6.523   1.396   5.454   5.440   8.783   904   198   692   7.854   12   377   12.099   699   6.399   354   99   100   227   882   558   114   687   685   114   687																			0	F
299   71	238	10	8 303	685	9,898	6,523	1,396		5,440	8,783	-904	198	692	7,854	12	377	12,039	699	6,309	Ė
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			13,780	H
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0		0 0	.0	. 0	- 0	599	- 0	0	8,597	885	.0		- 0	0	64	2,951	0	- 0	
0 0 0 3 8 8 0 0 0 76 76 0 0 0 3 0 4 0 0 1 1 0 22 0 0 0 0 251 165 2077 624 623 0 0 0 65 319 0 29 0 66 79 127 2 0 1 1 2 60 39 0 0 0 0 0 0 89 50 26 4 59 40 0 0 27 27 6 6 66 148 4.317 2.845 21 677 675 1.300 143 5.051 1.258 987 84 165 2.316 64 1.459 0 0 0 0 0 183 121 0 1 1 1 16 2 0 0 0 1 0 0 0 1 60 1 6													773						920	-
1,001   242   32   72   8   5   6,181   243   242   0   0   626   319   0   29   0   66   79   127	0		0 3	- 8	0	0	0	76	76	0	0	3	0	4	0	0	- 1	0	23	
2																		53		-
0 0 0 0 0 0 183 121 0 1 1 1 16 2 0 0 0 1 0 0 1,641 0 0 0 1,641 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2		0 1	2	60	39	0	0	- 0	0	0	89	50	26	4	59	40	0	73	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																	1.641	64	1.459	-
2	0		0 0	- 0	0	0	0	0	0	0	0	. 0	0	. 0	0.	0	. 0	0	140	
33									119										5 2	
807 378 7 15 4.923 3.245 40 742 740 7 1 20.218 19.252 8.977 1.706 0 2.049 11.055 284 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	33		7 0	- 0	1,237	815	- 0	3,742		.0	0	0	1,879	0	170	0	225	0	- 0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			8 7	15							1	20.218				0	2,049		284	t
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0		0 0	- 0	0	- 0	- 0	- 0	0			0	0	- 0	0		0	0	0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0		0 0	- 0	0	. 0	- 0	- 0	0	0	- 0	0	0	0	0	0	0	- 0	0	
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			0	Ĥ
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0		0 0	- 0	- 0	- 0	0	0	- 0	- 0	- 0	- 0	- 0	- 0	0	0	.0	0	- 0	Ī
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			0	F
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															0	0	0		0	
6         0	0		0 0	0	0	0	0	0	0	0	-0	0	0	0	41	0		0	0	H
442         153         1,228         2,877         7,660         5,237         3,204         1,856         1,881         24,212         2,278         11,542         23,372         16,721         892         306         19,088         1,943         11,832           74         26         211         494         1,314         899         350         264         268         0         0         1,687         2,201         1,575         84         89         1,459         149         915           0	0		0 0	- 0	.0	- 0	.0	0	0	.0	0	- 0	0	6	0	0	0	. 0	0	
74																			483 11.832	H
	74	2	6 211	494	1.314	899	550	264	268	- 0	0	1.087	2,201	1,575	84	89	1,459	149	905	
655 227 1,741 4,077 10,857 7,424 4,541 572 580 21,551 2,028 19,495 39,478 28,243 1,507 1,272 10,484 1,067 6,499	655						4,541	572	580		2,028		39,478	28.243	1,507	1,272			6,499	-
90 31 249 583 1,552 1,061 649 413 418 241 23 1,903 3,853 2,756 147 392 5,044 513 3,127	90	3	1 249	583	1,552	1,061	649	413	418	241	23	1,903	3,853	2.756	147	392	5,044	513	3.127	Ε
																			15,357	f
																			294	

Table 7-16: (continues)

offee igarCane	0	0	0	0		0	e 0	0	0		0	590	0	0	0	0 0	0	- 0		m 0	-
intain owers	0	0	0			0	0	0	0	0	0	0	0	0	0	0	0	0	- 0	0	
bers	0	0	- 0	0	0	0.	- 0	0	- 0	-0	0	0	0	0	0	0	0	0	0	1,504	İ
reals nits	0	0	0	- 0	- 0	0	0	0	0	0	0	.54	0	0	0	0	1 0	0	0	0	I
eaginous ewCotton	2,920	2,781	0	0		0	0 45	0	0	57	0	0	0	0	94	0	0	0		131	
nana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.0	0	0	Ī
vestock hAgri	204	7,474	64,140		. 0	0	0	0	0		49	4	0	18	190 67	10 49,684	6	2,491 29 2,135	3,870 26 19	205 864	Ι
restry	0	0	17	0	101,480	6,204		1,471	5,167		25	339	30	45	123	740	842	2,135	19	2.982	Ŧ
1	0	0	0	0	0	. 0	0	107	375	3	0	491	0	302	0	. 0	0	- 0	0	4	1
nGas sal	0	0	0	0	0	0	0	0	0	0	0	11,335 218	14,175	42,219	0	0	0		0	6	
hMin oCoffee1	0	28	36	184	1	0	1 0	133	466		1	6,212	2,158	1,612	22	585	993	6	886	773	Ŧ
Coffee2	0	0	0	- 0	0	0	0	0		0	0	- 1	0	0	0	0	0	0	0	2	İ
wMeat ocMeat	0	0	0		0	0		0				0	23	0	111	0	0 2			56	
ocFish	0	.0	0	- 0	0	0	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0	
hMill	0	0	0	- 0	0	- 4 0	0	4 0	0	0	0	- 1	6 17	0	0	0	0	3	0	95 11	I
ead rainProd	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	+
hGrain	0	0	269	0	0	0	0	- 0	0	.0	2	0	509	22	0	0	0	. 0	0		
ilk ary	0	0	0	0	0	0		0		0 4	0	42	28	0	0	6	0		57	19	ł
gar	0	0	16		326	1 0	0	0	. 0	0	12	5,625	231	43	5	0	4	3,604	1,374	79 197	
ocSugar verages	0	0	0	0	0	0	0	0	0	0	0	0	19	0	0	. 0	0	140	320	21	Ī
erWine hBevAle	0	0	0			0	0	0			0	99 51	0	0	0	0	0			0	
alt	0	0	- 0	0	0	0	0	0	0	0	0	7	0	0	0	0	0			0	
obacco odOil	0	0	87	14		0	6	0	0	216	0	53	131	594	0	33	146			1,194	
ocFruVeg occolate	0	0	0	0		0	0	0			39	3	0	0	0	0	0	1	0	0	Ŧ
hFood	. 5	22	115	3	0	0	0	1,034	3,633	415	7	396	23	4	1.134	47	8	1,309	594	1,280	ī
xtiles ocTex	40.824 16,643	14,725	0	#1401C		80 99	11,815	238 96	836 335	5,275 142	588 1,040	0	5,024 26	186		1.624 8.209	33	0	9	291 79	ī
othing ather	38 890	4.925 2.935	1,677			0	1,092	0			750	0	0	0		899	0				
nes	0	160	0	3,854	0	0	. 5	- 0	0	0	- 0	0	0	0	915	25	0	0	- 0	0	1
ocWood ork	38	38	10		21,446	9,337 567	43,999 453	0	0	21 112	41	81 65	11	621	718 675	176	16			120	ł
rniture	0	0	- 0			0	1,276	30,934	108.654	8.859	0	0	0	0	35	0	0	0	913	0	
pPulp per	314	339	0	770	541	76	866	2.773	9.739	124,157	152,693	10	1	122	4,918	50	7	5,512	1,483	1.465	5
perPr inting	2,130	9,138	60			208 27	184	1,891	6,642 1,666	1,559	31,184	891 269	1,230	2,502	5,747 1,715	761 239	1,123	16,941 6,131	7.055	4,643 2,976	
hemicals	7,537	10,162	7,897	3,748	2,481	38	1,754	7,556	26.539 3.983	4,445	989	52,144	181,567	128,090	18,801	33,366	25,701	108,536	88,578	32,428	
ertPest esins	38,514	3,282	936	13,216	1,033	216	2,792	1,134 784	2.754	12,802	3,802	172 4,835	24,189 4,091	109,720	175,447	33,446	19,891	8.066	3.264	7,346	,
asticPr abberPr	2,904	15,957 5,648	34	6,892 33,212	1,640	349 154	5,424 7,313	1,236	4,341	8,143	2,015	1,285	19,675	2,900	20,377	2,472 36,958	2,225	16,925	34.818 286	10,758	ł
int	1.568	55	1,224	441		218		4				528 22	168	0	4,309	189	3,253	32,139 24,311	1,992	4,740 241	
eanPr	39	33	25	0	0	12	- 0	160	562	158	3	162	6,632 271	1,380	20	11	435	1,625	33,811	1.746	5
thChem efOil	3,544 1,325	4,630 12	3,585 458			60 242	1,046 2,346	4,774 279			32.128 8.019		1,676 30,607	7,182 9,194	12.277 9.046	9.873 6,735	4.236 8.347		15,683 3,459	15,363 30,253	
reelain	0	0	- 0	0	0	0	569	0	0	- 0	0	0	487	0	166 841	0	161	0	1.965	1,004	)
lass thNMetPr	5 23	0	186	70	53	71 19	679	430	1.512	3	4	2,424	372	129	115	217	6,114	1.532	635	2,232	1
onStPr etPr	133	156 94	0	61 236	516 941	544 82	4,664 1,259	41			77	252 2,520	140	260	3,817	1.250	377	1,210	630 987	196	
hMet	748	1,464	0	7.578	3,321	505	8,237	31		242	987	982	3,787		4,480	8,453	10,661		5.145	6,799	)
griEqpm anufEqpm	0	0	0	0		0		0			0	0	0		0	. 0	0	0	0	0	)
oecEqpm ffMach	0	0	0	0		40	0	0			13 972		0			0	999				
ectronic	0	0	- 0	68	0	0	0	0	0	1	26	0	0	0	1,048	0	0	- 0	0	0	
omAppl thElcEqpm	0	0	- 0	128	181	0 20	2,867	0	0	1	352	0	0	0	1,849	20	0	0	0	25	5
thEqpm uto	0	0	0	0	5	0	136	0	0		0	0	161	0	36	79					2]
ircrafts	0	0	0	0	0	0	0	0	. 0	0		0	- 0		0	0	0	0	0	- 0	)
thTrpEqpm ntrInst	0	0		0	0	15	0	0		3	0	0	37		7	0	0	395	0	0	1
thMan	1,651	5,375	804	4.146	383	56 464	473	6,955	89	585	1,169	359	378	2,706	3,576 29,697	2,250 19,921	5,765	4,741	2,665	1,292	2
eGasWat onstruction	10,840 798	3,383	207	1.300	907	162	1,516	710	2,554	1,796	3,672	0	20,087	0	0	19,921	0	0	0	- 0	)
ommerce	5,137	21,783		8,374	3,649	652	6,099	1,028		23,327	5,311	3,308	5,088	5,215		5,046	1,460		7,841	4,508	
ommun	2,379	10,086	618	3,877	299	53 1,873	500 15,213	2,289	8.230	5,789	11,832	1,890	2,907 53,747	2,980 52,599	4,298 73,051	2,883 50,449	834 15,000		4,480 78,925	2.576 47,098	5
nlus calEst	20,122	84,070	0	0	0	0	0	0	0	- 0	0	0	0	0	0	0	0	0	0	0	31
rsServ	214	909	56	350	120	22	201	60	216	152	310	426	655	671	968	649	188	1,009	1.009	580	βĬ

Table 7-17: (continues)

	Porcelai n		1Pr 5	lronStPr	0.1-2-1	OthMet	m	gpm (	m		c	pl	qpm	m	Auto		OthTrpE qpm	Carriest	OmMan	EleGas Wat
	0	(	0	) (	0 (	) (		(	0		) (	1	0	) (	) (	0	) (	0 0	0	)
	0				0 (								) )							
		- (	) (	) (	) (	) ()														
	0				0 (			- 0					) (		) (	) (	0 0	0		
	0			) (	0 0								) (		) (	) (				
n	. 0			) (			- 0	- 0		- 0		1	) (	) (	) (	) (	0	0	248	
	0			0 6												) (	0	. 0	(	1
	0	-				0	0	-			0		) (							
	0	- (		2 (			0	- 0	0	- 0	- 60		44		5.3		0	1,044	135	
	0	115					0			- 0		1	) (	0 0						+
1	0	- (	) (	1 (	) (	0	0	- 0	0	- 0	- 0		) (	(	6	0				
	13,000	7,475					34	5		15		10	153	63	428					
1	0	1,410				0	- 0	- 0	0	13			15.							
8	0	0					- 0							0		0				
- 1	0	- 0					0			0				0	0					
	-0	- 0			0	- 0	- 0	. 0	- 6	- 0	- 0	- (	. (		- 0	- 0	- 0	-0	- 0	-
	0	- 0					0	0		0										-
1	0	- 0	(	- (	0	U	0	-0	-0											
1	0	0					- 0	0		- 0			- 5							
1	0	- 0	1	0	0	()	0	- 0	0	- 0	- 0	- (						0		
1	0	- 0	0	0	0	0	- 0	0	0	- 0	- 0		(	0	0	0	0	.0	- 0	
-	0	- 0		0	0 0		-0	- 0		0										-
- 1	- 0	- 0	0	- 0	.0		0	0		0								_		
	0	0					0	0		.0								- 0	- 0	
1	0	0					0	0		0			0		0	0	0		0	
- [	0	- 0	- 0	- 0			- 0	.0		0				- 0	0	0	0	0.	- 0	
	0	0					0	0		0								21	0	
1	- 0	()	- 6	. 0	0	- 0	- 0	.0	- 0	0	- 0	- 0	0	0	0	0	0	- 0	0	
-	94	17			0		- 0	0	0	. 0				0	0			53	- 0	
t	0	78	443				7	- 0		3		86	617					2,630	4.943 199	
-	- 0	- 0	- 0			2	- 0	0	0	0		- 0	0	1	0	- 0	3	- 0	- 2	
+	- 0	- 0					- 0	0	13	0		6				0		49	117	
t	- 0	458					17	16		134								53	1,469	1,30
-	377	1,500	110		13		16	0	73	0	1	204			115	0	75	54	4,212	
1	0	0					0	0	0	0	6,324	0	0		1	0	0	1,187	0	1:
1	6.190	971	7.575		600		- 0	0	3 15	0		149	208	1.851	116	0	4	236	1.838	7:
- 1	776	709				5,852	7.0	0	15	35	814 318	259 27	2,893 3,151	1,231	429 208	1 0		1,870	4,123 620	4
- 1	8.268	18,898	1,645	2,455	678	4,762	155	615	414	44	2,38		7,782	3,669	1,361	63	860	1.014	3,552	2.20
1	676	2.940	040	16		0	60	11	24	0	- 0	. 0	- 0	6,536	.0	0		- 0	123	4.5
1	187	1,506		371			54	40	85	37	3,092	801 588		6,839	2,711			3,327 4,229	11,541	6.
I	- 0	622			27	3,128	34	17	559	20	16	924	3,172	5,245	28,204	. 0	2,554	1,165	307	1.9
1	22,470	2.883	107	166	327	9,781	91	193	240	119	23		1,412	4,676	6,890	55	1,154	50	3,514	2,
t	0	.0	10	- 0	- 0		. 0	0	.01	0	0	2,3	4	290	0	0	0	70	393	3
1	36 66	5.729		562 31	660	1,851 4,002	43	31	79 141	19	45	109	2.177	1,665	1,594	18	71	505	2,524	4
1	4,056	367	1,978	26	000	6	- 0	-0	15	19	19		2.161	583 76	8,206	338	505	721	3,921	183,4
F	37	18,897	584	66			26	- 0	22	58	736		2.416	3,042	9,383	0	30	370	1,358	
+	5,375	2,126	158,488	3,693 201,475	1,130	3,156	28 2,994	3,076	216 15,016	1,718	1,203	8.299	2,497	1,083	931 47,407	61	20,131	1.569	6.465	28.79
I	796	465	38	12,291	100,317	52,994	313	202 95	1.781	44	2,718	2,172	62,944	13,909	8,192	7,3	1.033	1,378	14.630	7,21
1	0	1,958	706	2,241	672	36,540 161	638 1,303	95	1,791	635	346	1.785	13,903	14,712	15,095	210	766	1.016	4,914	7,71
ı	0	- 0		21	- 0	257	0	545	54	- 0	0			0	0	0	0	0	0	9,98
F	0	- 0	U	214	- 0		514	46	3,422	1.710	410	227		3,126	0		15	0	265	12,62
+	0	0		- 0		36	5	0	240 37	1,319	33,243	15	938	263	0	0	0	40	270 95	33,31
	.0	- 0	- ()	- 0	- 0	4,30	22	0	212	0	8,324	566	- 1	8,675	75	- 0	0	. 0	0	8.13
1	2,720	110	111	604 56	20	6,110	838	658	3,500	181	5,030	5,435	1,705	57,160	22,876 4,410	2	1,582	186	539	41.54 37.90
t	- 0	389	16	- 0	- 0	312	13	0	390	0	5,030	7	357	116		0	944	164	72	1,93
	0	0	0	0		0	0	0	0	0.	- 0	0	- 0	0	0	46,774	0	0	. 0	39
1	0	83	0		65	821	27	0	147	0	0	255	518	2.557	265	0	79,579	5,877	125 203	34
İ	1,040	355	494	1,371	172	3,438	13	8	135	7	492	178	342	2,432	1,480	0	486	482	4,011	1,60
. +	18,207 938	17,037 878		13,625	6,503	21,696 6,239	257	227	938	533	2,236	847	5,902	6,202	11,922	1,129	1,513	565	1,300 2,835	79,62
-	0	. 0	. 0	953	455	1,517	. 5	5	19	- 11	45	17	118	124	232	22	30	1,233	0	9,27
F	4,033	3,774	9,136	16.335 2,473	7,796	26,010	207	183	758	430	1,806	684	4,765	5,007	26,748	2,532	3,396	980	2,253	8.62
-	1,413	1,322	3,200	31,218	1,180	3,938 47,368	1,645	1,417	5,995	3,352	1,034	392 5,275	2,729 35,375	2,867 38,980	2,533 85,021	240 8,467	322 10,336	7,934	1,837	5,01 129,12
I	. 0	. 0	- 0	.0	- 0	0	0	- 0	0.	0	0	0	- 0	0	. 0	0	- 0	0	.0	11.00
1	35	33	80	537	256	856	44	39	162	92	385	146	1,017	1,068	2,839	269	360	0	0	6.46
4.	- 0	0	0	0	0	0	0	. 0		0	0		0		0	0		0	. 0	- 1

Table 7-18: (continues)

	85 Commerc	86 Transp	Commu 87	Finlns 88	RealEst	90 PersServ	91 GovServ	92 DomSer	93 RurSkill	RurMSk	RurUnsk	96 ProfMan	OthSal	SkillW	MedSkil	Unskill	GProfM	GOthSal	GSkillW	GMedSk ill	Gun
ffee [	0	0		0		173,811	189,219	0	0	(	0	0	1						0	0	
earCane	0	0	0	0			9,398	0	0												
ntain	0	0	0	0			4,343	0	0												
wers bers	0	0	0	0			2.125	0	0												
reals	0	0	0				69,670	0	0						0	0					
nits	0	- 0	0	0	0	1,438	1,565	0	0	(											
aginous	0	0	0	0			13,020	0	- 0												
wCotton	0	0	0	- 0			6,059	0	0												
nana	0	0	0	0		3,072 170,019	3,344 185,091	0	0		0 0										
estock Agri	0	0		0			3.560	0	0					0 0							
estry	0	0		0			10,444	0	0	-	0			0 0		0	(	) (	0	- 0	)
heries	0	0	0	0	0	10,101	2,364	0	- 0		) (	0		0 0							
	0	1,130	0	0	0	0	0	0	0	(				0 0							
tGas	- 0	2,709	0				0		0					0 0							
at	0	1,579	0	0			0	0	0				) (	0 0	0						
ıMin	0	589	0	0			24.282	0	0		0 0			0 0					0		
Coffee1 Coffee2	0	0				2,308	1.514	0	0		0 0			0 0							
wMeat	0	0		0		166,273	141,376	0	0					0 0			(				
cMeat	0	0					14.759	0	0		) (	) (		0 0		0	(	) (	0	(	
cFish	0	0					8.062	0	0		) (	) (	) (	0 0			(	) (	0	0	
ur	0	0	0	0			26,793	0	0		) (	) (	) (	0 (	(				0		
Mill	0	0				20,283	51,724	0	0		) (	) (		0 (	0				0		
ad	0	0					18,701	0	0					0 0					0 0		
inProd	0	0					15,911	0	0				1	0 0	0 0						
hGrain	0						19,690	0	0					0 (	0						
lk iry	0	0	0				4,250	0	0					0 (					0		
gar	0					20,783	9,400	0	0					0 (	(	0		) (	0	- 0	
cSugar	0	.0				6,937	3,137	. 0			) (	) (	)	0 (	) (	0			0		
verages	0	0	0		0		1,409	.0	0					0 (				) (			
rWine	0	0		0	0		3,312	0	0					0 (					0		
BevAlc	0	. 0	0		0	324,393	3,221	0	0					0 0					0 0		4
lt	0	0					274	0	0		0 (			0 0					0		
racco 4O/I	0	0			0		6.719		0					0 0					0		
xdOil cFruVeg	0	0					273	0	0					0 0							
ocolate	0	- 0			0		1.288	0	0		0 (			0 (					0		0
Food	0	0					3,206	0	0		0 (			0 (				0 (	0		0
tiles	6,556	1,306	1,537	3,156	0	4,306	91,652	0	0		0 (	0	0	0 (	) (	) (		0 (	0		0
cTex	581	116	136	280	0		8,121	0						0 (							)
thing	4	1	1	2	0		53	0	- 0		0			0 (				0 (			)
ther	1,122	224	263	540	0		15,682	0	(		0			0 (					0 0		0
oes	57	- 11	13				798	0	- 0		0			0 0					0 0		0
cWood	5.731	1.164			0		16,319	0	(		0 0			0 0				0 0			)
rk	425	86					1,211	0	- (		0			0 0		0 0			0 0		1
miture	678 5,176	138					14.827	0	- 1		0			0	1	0 0			0 0		0
pPulp per	15,398	5,622			0		44,106		-						) (	) (			0 0		0
perPr	9,145	3,330	833		0		26,196	0	- (		0 (			0					0 0		0
nting	8,330	3,041	759	30.215	- 0	5,574	23,859	0	(						) (	) (		0 1	) (		)
emicals	6,474	47,823	173	2,341		19,121	87,787	0	- (		0 0			0		) (			) (		0
1Pest	13,253	97,898		4,791	- 0		179,707	0	- (	)	0 (				) (	) (	)	0 0	) (		0
sins	2,730	20,169	73	987	- 0	8.064	37,023	0	- (		0 0			0 (		) (			0 0		0
sticPr	1,876	13,858			0	5,541	25,439	0			0 0			0 0	) (	) (		0 0	0 0		0
bberPr	5,658	41.796 5,096			0	16,712	76,724 9,355	0	- 0							0 (			0 0		0
int armac	690	4,582		224	0	1,832	8,412	0	-			0 0	0	0 0		) (	)		) (		0
armac anPr	921	6,806		333	0		12,494	0	-				0			) (			0 0		0
Chem	1,203	8,890	32	435	0	3,555	16,319	0	(		0	0 (	0	0 (	) (	) (	)	0	) (	(	0
Oil	62,973	835,392		7,952	0	1.877	98,662	0		)	0	0 0	0	0	) (	) (	)	0	) (		0
celain	25	240	- 0	947	0	1,753	6,549	0	(	)	0	0 0	0	0		0 (			) (		0
155	16	156					4,249	0								0 (			) (		0
NMetPr	150	1,434					39,055	0	(					0 0	9	0 0			0 (		0
StPr	13,683	27,677						0	- (							0 0	1		0 (		0
tPr	3,426	6,930	0				26,531	0							0	0 0	1		0 (		0
Met riEqpm	3,667 218	7,417	447		0			0								0 (			0 (	) (	0
nutEqpm nutEqpm	1.397	5,230						0								0 0	)	0	0 (	)	0
cEqpm	1,767	6,611				738	10.242	0		)	0				)	0 (	)	0	0 (	)	0
Mach	4,663	17,450	9,565	3,820	) (			0	(							0 (			0 (	)	0
ctronic	1,667	6,239	3,420	1,366	5 0											0 (			0 (		0
nAppl	1.138	4,260	2.335	93	3 (		6,600	0								0 (			0 (	1	0
EleEqpm	5.815	21,760	11.928		(		33,709									0 0			0 0	1	0
Eqpm	5,318	19,902		4.357		2,223	30,831									0 0			0 0		0
0	3,364	213,982	919	99			31,710 6,460	0								0			0 0		0
crafts TrpEqpm	685	38,643	187		1 (	970	5,726	0								0			0 0	)	0
rinst	857	38,64	746	1.28			5,569	0		3						0			0 (		0
Man	2,058	761	1.791	3,07	) (	338	13,378	0		)	0					0 (		0	0 (	)	0
GasWat	123,878	61,922	32,134	36,33	2 (	59,409	130,644	0		)						0 (			0 (		0
estruction	6,872	11,355	7,489	7,54	84,546	6,536	11.340	0								0 (			0 (		0
nmerce	0		) (	) (	) (	0	) (	0		0						0 (			0 (		0
usp	1,130,251	365,268	38,573													0 (			0 (		0
nmun	71,223		132,958	212.436												0			0 (		0
Ins	491,602		117,779	924,586	209,536	319,620	136,654			0	0	0		0			0				0
dEst	11 220	112 194			0 (		160,268	0 0													0
sServ vServ	11,220						160,268	0 0				0			0			0			0
racty	0																				0

Table 7-19: (continues)

offee	It		пр	UrbC ap	rm	a Large	Fa Rurl	111 nde Agri ad	kill	S NAgrit sk	Propriete r	o OwnAcc	6 11 Employ	7 11 e Professional	o Laborer	GEmpl	i20 loy CapAc	121 122 ce Stocks	Governm IT	124 125 ax ROW		Tarif RO	128 W T
garCane		0	0	0		6 6,6	57 7	0 594 18,		0 (		0	0 0	0	0	0	0	0 -165,218	ent 0	0 0	8 0	f Fin.	Acc 0 1
antain		0	0	0		5 4.3	18 4.	927 12.	221 3.16	7 2.919	17.81							0 0	0	0 194	0	0	0
owers obers	-	0	0	0				384 894 27.	152 24		1.75	4 86.	3 10	6 2.13	5 81	6 1.2		0 -1,099	0	0 355,467	0	0	0
creats		0	0	0	8.07			998 26.		6 5.24						30 24.0		0 0	0	0 12.856	0	0	0
uits		0	0	0		5 7.9	89 11,9	26 26.			41.07				1 44,63			0 70,631	0	0 297	0	0	0 1,
leaginous rwCotton	-	0	0	0	3	9	37	43	06 2	7 25	11	9 285		2 9	8 12		35	0 -22,915	0	0 8,947 0 867	0	0	0
mana		0	0	0				0 4.4	0 143 1,17	0 0						0	0	0 -340	0	0 2,551	0	0	0
vestock		0	0	- 0	67.65	64.5								5,06				0 0	0	0 348,236		0	0
hAgri restry	-	0	0	- 0				29 39.5	74 10,47		57,495	5 79,885	2,280					0 528,573 13 10,614	0	0 5.131	0	0	0 4.
sheries	-	0	0	0	*11.4			40			6,33		200	1.41	4 5.27	3 1.2		0 0	0	0 36,910 0 2,727	0	0	0
1		0	0	0	0,71		0	07 18,1	25 4,69	6 4.329					24,46	4 21.6	93	0 0	0	0 6,091	0	0	0
ıtGas		0	0	0	3,969	3,71	87 4.3	21 10,7	18 2,77	7 2,560					5 18.26	9 10,3	0	0 34,651	0	0 839,269	0	0	0 1.
al hMin	-	0	0	0	(		0	0	0	0 0	(	0					0	0 0 0	0	0 0 0	0	0	0
Coffee1	$\vdash$	0	0	0	392		0 4	27 1,0	0 27						1,96	7 8	53	0 62,735		0 713,688	0	0	0 9
Coffee2		0	0	0	5,528			18 14,9		3,565	21.010		0				0	0 0	0	0 1,710,511	0	0	0 1.2
wMeat		0	0	0	83,261	83,29	4 87.7	91 250,6	52 53.68		349.648				25,79			0 26,004		0 93,917	0	0	0 3
x:Meat x:Fish	-	0	0	0	7.053	7,05			32 4,54	3,854	29,479		962	23,989	31,63			0 -448,065 0 19,025		0 3,517	0	0	0 2.4
er isa	$\vdash$	0	0	0	1,690	1,47					4.879	7.530	187	4.819	7,04	5.78		0 -130,230		0 206,650	0	0	0 1
Mill		0	0		14,434						5,453	92,465	195	3,948	8,15			0 17,672	10	0 1,151	0	0	0 2
ad inProd	F	0	0	0	16.834		0 23,2	09 58.8	11 12,108	15,345	72,725	97,735	3,685	22.635 65.091	79.87.			0 73,199		0 7,214	0	0	0 6
Grain	-	0	0	0	12,799	12,21	3 13.9			8.255	47,288	61,152	1.688	38,127	62.075	40.58		0 5.837		0 8,288	0	0	0 5
lk		0	0		13,463						846 61,487	76,774	10	940	317	22	1	0 9,767	0	0 1,846	0	0	0 4
ry		0	0	0	16,362	15,61	4 17.8	13 44.1	7 11,449		57,812	76,774	2,737 2,184		77.615	41.49 58.99		0 -13,011	0	0 622	0	0	0 4
ar cSugar	-	0	0	0	16,187	15,44		23 43,7	5 11.327		56,743		2,184			58,99		0 14,679 0 156,888		0 2.503	0	0	0 5
erages	$\vdash$	0	0	0	11.861	15.14		0	0 0	0	- 0	0	0	0	0.577			0 -7,059		0 43,338 0 8,827	0		0 9
rWine		0	0	0	33,201	25,46		00 37,99	1 13,425	18.045 21.541	62.213	94,694	2,889		84,740	46,99		0 5,663	0	0 163	0		0 6
BevAlc		0	0	0	26,148	20,05		9 80,69	1 14,659		55,010		4,093 2,534		103,575	98,97		0 47,620	0	0 2,470	0	0	0 1.2
t acco	-	0	0	0	0		0	0	0 0	0	0	0	0	0	130,280	98.97		0 -79.776		0 3,449	0	0	0 9
dOil	-	0	0	0	7,829	7,47			4 5,479	5,050	21.764	40,177	1,067	24,700	42,585	23,19	9	0 -20,609		0 800	0		0 2
FruVeg		0	0	0	3.196	3,050				11,391 2,062	59,099 12,109	9.667	2,640	36,689	95,982	48,45		0 25,105		8,012	0		0 6
colate		0	0	0	9,750	9,30		4 26,32	9 6.822	6,288	37,516	47.162	1,500	19,642 25,089	9,632 53,536	11,45 26,33		0 -19,572	0 0	11,974	0		0 1
Food tiles		0	0		11,371	10,85			7,956	7,334	42,364	46,235	1,264	48,240	50,265	34,54	7	0 33,064	0 0	31,913	0		0 3
Tex		0	0	0	7,302	6.968		3 2,86		683 4.710	3,686	4,346	135	4,098	4,155	4,35		0 154,885		9,480	0		0 3
hing		0	0	0	29,386	26,060				18,147	28,171 116,198	27,238 97,801	3,721	32,005	28,916	25,936		0 62,366	0 (	81,609	0		0 40
ther		0	0	0	0	- (	)	0	0 0	0	0	0	3,721	117,158	99,979	94,842		0 181,697		436,434	0		0 1.3
es Wood	-	0	0	0	9,819	8,707			8 7,668	6,063	34,825	38,033	1,467	32,747	38,151	31,761		0 112,956	0 0	67,279	0	0	0 16
wood.	$\vdash$	0	0	0	429	410		7 1,16	0 300	277	- 0	0	0	0	0	0	1	47,801	0 0		505		0 54
iture		0	0	0	5,806	7,995				7,170	1,740 45,746	2,341	61	973	2,030	1,273		2.855	0 0	3,946	0		0 5
Pulp		0	0	0	0	0		0	0 0	0	43,740	30,062	1,558	31.212	29,196	39,062			0 0		688		0 35
r rPr		0	0	0	5,005	4,776				3,228	28,657	17,632	324	20,319	14.629	16,565		25,422	0 0	25,344	0		0 18
ing			0	0	1,074	1,024				692	4,118	4,764	160	3,677	4,819	3,509		55,069	0 0		0		0 65
nicals		0	0	0	0	16,529			52,127	11,809	92,624	90.526	3,276	123,031	79,328	88,286	(		0 0	22,994	0		0 80
Pest		0	0	0	605	577	65	1,63	423	390	2.312	2.847	81	1.882	2,461	2,278	1 0		0 0		12,860	0 (	0 1.34
ns icPr		2	0	0	13.980	0	(		0	0	0	0	0	0	- 0	2,278		159.621	0 0		43,821		0 91
crPr		-	0		10,090	9,629				9,017 6,508	54,937	55,605	2,069	52,305	59,018	50,140	(		0 0		24,701		0 1.00
Contract of	(	)	0	0	1.475	1,408	1,606			952	33,418 5,097	7,160	4,675	3,578	41,051	34,938		-7.127	0 0	14,117	4,086		0 72
nac	(		0		29,249	16,125	20,195		100,911	11,366	119,278	159,555	4.016	132,106	7,831	5,015 98,172	0		0 0		0		0 23
hem	- (		0		25,306	30,335	35,751			19,459	128.895	154,564	4,837	120,663	149,641	112,444	0		0 0		9,317		0 1,21
il	(		0	0	15.529	19,316	22,036 36,394			9,280	71,530	112,949	2,815	49,292	95,999	64,239	0	34,636	0 0	25,588 30,571	0		0 1.09
lain	(		0	0	4.654	4,441	5.067	12,569	3,257	3,002	15,982	46,334 18,970	3,593	136,578	37,366	66,896		-293,960	0 0	284,081	0	0 0	2,28
MetPr	(		0	0	4,146	3,957	4,514	11,197	2.901	2,674	13,177	11,833	256	30,323	22,017	15,576 14,377	0		0 0	20.965	0		36
MetPr Pr	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0 0	21,569 58,741	0	0 0	39
	0		0	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0	67,984	0 0	17,939	0		1.13
et	- 0		0	0	5,694	5,434	6,199		3,984	3,673	20,202	23,147	1,709	20,570	25,143	20.861	0	-3,987	0 0	75,140	0	0 0	46
qpm (Eqpm	0		0	0	0	0	0	0	0	0	0	0	0	0	25,143	20,861	575,878 81,130	34,813 5,621	0 0	77,827	0	0 0	1,22
riiqpm qpm	0		0	0	0	0	0		0	0	0	0	0	0	0	0	86,829	23,387	0 0	15,883 8,330	0	0 0	109
ich _	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	598,652	60,928	0 0	46,628	0	0 0	
onic	0		0	0	2,920	4,599	8,485		7,998	7,589	32.827	29.533	1.339	30.755	34,513	26,832			0 0	3.021	0	0 0	507
ippt eliqpm	0		0	0	1,178	1,854	3,421	9,975	3,225	3,060	13,904	12,088	220	16,587	9,918	10,103	4.977	-44,808 35,854	0 0	17,280	0		87
bin ci:dbin	0		0	0	2,920	4,598	8,483	24,733	7,996	7,587	33,558	26,177	1,585	38.249	29,875	26,316	184,582	13,812	0 0	22,991 47,406	0	0 0	2.74
	0		0		8,605	19,664	24,933	22,610	62,600	5,450	157,088	54,776	6,850	0	0	0	813,631	-73,333	0 0	81.563	0		1.034
ns [	0		0	0	0	0	0	0	0	0	0	0	6,850	276,239	25,878	98,323	1,404,850		0 0	40,672	0	0 0	3.379
pEqpm st	0		0	0	1,818	1,735	1,979	4,910	1,272	1,173	9,298	4.259	537	7.793	6,585	7,170	51,754	111,806	0 0	114,053	0	0 0	
in	0		0	0	8,643	8.248	9.410	23.341	6048	5.575	650	24	0	21,599	1,903	3,517	306,949	4,559	0 0	53,728 24,773	0	0 0	
Wat	0				5,645	35,937		113,956			41,408	25,298	1,171	47,301	25.544	28,722	0	18,203	0 0	129,191	0	0 0	
uction	0		0	0	0	0	0	0	0	0	0	204,013	6,833	244,115	176.577	141,274	6,307,544	0	0 0	0	0	0 0	2,751
erce	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	6,307,544	-31,321	0 0	38,060		0 0	6,732
iun	0	-			0.674 1	5 277	224,869	445,183 14,869	124,052 1	31,778					752,776	704,550	0	0	0 0	683,485		0 0	7,618
	0	-	)	0 1	4,242	32,700	6.877	8,688	70.447 6.282		51,567	69.051 14.830		128,987	60,200	71,117	0	0	0 0	211,825	0		1,483
4	0			0 10	6,546 1	01.674	115,995	287.734	74 555	68 777	117 700	41¢ 0.11		101,850	13,831	28,860	0	0	0 0	115,065	0	0 0	6,066,
rv	0	- (	)	0 32	2.383 4	45,588	644,422	447,464	331,263 2	05,104 1,4	118,464 1.	186,489	46,625 1.		235,074 1	313,461	0	0	0 0	0			2,844,
erv -	0	-		U 1.	2,455	6,794	7,587	33.6361	8.715	8.033	57,740	29,562	2,749	50,044	52,729	51.355	0	0 7.65		0	0		9.432. 7.985.
			Urbi	7 6	1010	0.794	1,387	4,903	7,205	1,425	20,466	8,617 wnAcc En	469	31,495		14,623	0	0	0 0	0			112.

Table 7-20: (continues)

14,448		5,482	33,975	2,093	3,373	386	0	on 0	- 0	202,280	5,218	172		0	0		19,825	el 0	62
607,898			5,429	2.792	10,794	4,664	8,424		415		4,965	0							5,4
14,32			863	34,172 855	2.781	25,463 668	32,244 891		1,844	1,004,699	72,869	23,634		15,479				3,259	2.8
6,04			364	361	1,173	282	376	450	778	13,575	767							5,787	5.0
100	3.	13	6	6	20	5	6	8	13	230	13	95			123				1.
4,763			287	284	925	222	296		613	10,700	605	311	399	54,467	1,784	(			21
10,186			614	608	1.978	475	633		1,312	22,885	1.294				80				
80-			48	48	156	37	50			1,806	102				439				
87		11	5	5	17	0	5	6		196	11	279			79				
21.				13	41	10	13			479	0	132			100				-
109			12	12	38	- 10	12		25	439	27 25	2,354			793				
45,159			2,721	2,697	8,769	2,107	2,808	3,362	5,815	101,457	5,735	0			0				
329,820				180,099	476,750	95,222	58,269		66,144	1,322,977	272,828	29,336	82,533		0	375,273	325,622	51,531	- 1
41,24				22,521	59,617	11,907	7,286		8,271	165,437	34,117	121,200	66,546	931,341	68.029		215,742	151.528	35
1			- 0	- 0	- 0	- 0	- 0		- 0	0	- 0	0			0				
- (			0	0	0	0	0		0	0					0		0		
				0											0				
1				0	0	0	0		0	0									
(	)	0	0	0	0	0	0	0	- 0	0	- 0								-
(	1	0	0	0	0	0	0	0	0	0	0	0	- 0	0	- 0		0	0	
t (				0			0		- 0										
- (	1			0	0	0	0		0			0							
1				0	0		0		0	0					0				-
				0	0		0		.0										
	1	- 0	- 0	0	0	0	0	0	- 0	0		0			0				
(		0		0	0		- 0	- 0	- 0	0	- 0	0	0	0	0		0	0	
- (				- 0	0	- 0	0	0	0	0									
-2,063	-79			-1,135	16,355	-525	-295	-217	-7,656		8,792			51,698		9,318			
-			2,491	1.513	261,329	45,863 0	37,025	46,532	682	46,965	85,705	13,009		3	4,399			0	
				670	14,060	2,103	7,703	9,457	0	2,442	9.653	2,014							
c (			0	0	0	0	0	0	0	0	0	0							
20.239																			
			1.617	27,373	90,937	75,561	8,607	2,058	63,213	411.802	114,788	0	19,951	0	0		0 1	6,596	3.
12,878	5,14	1,403	3,666	3,150	9,335	2,497	1,542	898	4.616	46,276	6.040	0	0	98.873	21,931			0	
12,878 ProcMea	5,14:	1,403 24 Flour	3,666 25 OthMill	3.150 26 Bread	9,335 27 GrainPro d	2,497 28 OthGrai n	1,542 Milk	898 Diary	4.616 31 Sugar	46.276 32 ProcSug ar	33 Beverag	34	35	98.873 36 Malt	21,931	38 FoodOil	39 ProcFru Vcg	40 Chocolat	
12,878 ProcMea  1 (1,700	2. Proclish	1,403 24 Flour 0 1,237	25 OthMill 0 2,110	3,150 26 Bread 0 3,434	9,335 27 GrainPro d 0 9,231	2,497 28 OthGrai n 0 3,868	1,542 29 Milk 0 5,397	30 Diary 0 3.462	4.616 31 Sugar 0 8.770	32 ProcSug ar 0 672	33 Beverag es 0 14.234	34 BeerWin e 0 11,402	35 OthBev Alc 0 4,486	98.873 36 Malt 0 2.295	37 Tobacco 0 1,917	38 FoodOil 0 7.153	39 ProcFru Vcg 0 1,274	40 Chocolat e 0 3,954	Oth F
12.878 22 ProcMea 1 (1,700 88)	2. Procl'ish	24 Flour 0 1,237 646	25 OthMill 0 2,110 - 1,101	3.150 26 Bread 0 3.434 1,791	9,335 27 GrainPro d 0 9,231 4,815	2,497 28 OthGrai n 0 3,868 2,018	1,542 29 Milk 0 5,397 2,815	30 Diary 0 3.462 1.806	4.616 31 Sugar 0 8.770 4.575	32 ProcSug ar 0 672 351	33 Beverag es 0 14.234 7.425	34 BeerWin e 0 11,402 5,947	35 OthBev Alc 0 4,486 2,340	98.873 36 Malt 0 2.295 1,197	37 Tobacco 0 1,917 1,000	38 FoodOil 0 7.153 3,731	39 ProcFru Vcg 0 1.274 665	40 Chocolat e 0 3,954 2,062	OthF
12,878  22  ProcMea t  (1,70) 883 1,572	2. Proclish 0 4,219 2,200 3,900	24 Flour 0 1,237 646 1,146	25 OthMill 0 2,110 - 1,101 1,955	3,150 26 Bread 0 3,434 1,791 3,181	9,335 27 GrainPro d 0 9,231 4,815 8,551	2,497 28 OthGrai 0 3,868 2,018 3,583	1,542 29 Milk 0 5,397 2,815 4,999	30 Diary 0 3.462 1.806 3.207	4.616 31 Sugar 0 8.770 4.575 8.124	32 ProcSug ar 0 672 351 623	33 Beverag es 0 14.234 7.425 13.186	34 BeerWin e 0 11,402 5,947 10,562	35 OrhBev Alc 0 4,486 2,340 4,156	98.873 36 Malt 0 2.295 1.197 2.126	37 Tobacco 0 1,917 1,000 1,776	38 FoodOil 0 7,153 3,731 6,626	39 ProcFru Vcg 0 1,274 665 1,180	40 Chocolat e 0 3,954 2,062 3,662	OthI
12,878 22 ProcMea t (1,700 888) 1,577	2: Proclish 0 4.211 2.200 3,900 4,461	24 Flour 0 1,237 646 1,146	25 OthMill 0 2,110 1,101 1,955 2,236	26 Bread 0 3,434 1,791 3,181 3,638	9,335 27 GrainPro d 0 9,231 4,815	2,497 28 OthGrai n 0 3,868 2,018	29 Milk 0 5,397 2,815 4,999 5,717	30 Diary 0 3,462 1,806 3,207 3,668	4.616 31 Sugar 0 8.770 4.575 8.124 9.291	32 ProcSug ar 0 672 351 623 712	33 Beverag es 0 14,234 7,425 13,186 15,080	34 BeerWin e 0 11,402 5,947 10,562 12,079	35 OthBev Alc 0 4,486 2,340 4,156 4,753	98.873  36  Malt  0 2.295 1,197 2,126 2,431	37 Tobacco 0 1,917 1,000 1,776 2,031	38 FoodOil 0 7,153 3,731 6,626 7,577	39 ProcFru Vcg 0 1,274 665 1,180 1,350	40 Chocolat c 0 3,954 2,062 3,662 4,188	OthI 7 3 6 7 7
12,878  22  ProcMea t  (1,70) 883 1,572	2 Proclish 0 4,211 2,200 3,900 4,461 92:	24 Flour 0 1.237 646 1.146 1.311 271	25 OthMill 0 2,110 - 1,101 1,955	3,150 26 Bread 0 3,434 1,791 3,181	9,335 27 GrainPro d 0 9,231 4,815 8,551 9,780	2,497 28 OthGrai n 0 3,868 2,018 3,583 4,098	1,542 29 Milk 0 5,397 2,815 4,999	30 Diary 0 3.462 1.806 3.207	4,616 Sugar 0 8,770 4,575 8,124 9,291 1,923	32 ProcSug ar 0 672 351 623 712 147	33 Beverag es 0 14,234 7,425 13,186 15,080 3,121	34 BeerWin e 0 11,402 5,947 10,562 12,079 2,500	35 OthBev Alc 0 4,486 2,340 4,156 4,753 984	98.873  36  Malt  0 2.295 1,197 2,126 2,431 503	37 Tobacco 0 1,917 1,000 1,776 2,031 420	38 FoodOil 0 7.153 3.731 6.626 7.577 1,568	39 ProcFru Vcg 0 1,274 665 1,180 1,350 279	40 Checolat e 0 3,954 2,062 4,188 867	OthI
12,878  22 ProcMea  ( 1,700 885 1,575 1,801 3772 6,800	2 ProcFish 0 4,218 2,200 3,900 4,468 3,749 16,883 3,749	1,403 Plour 0 1,237 646 1,146 1,311 271 4,954 1,100	25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,876	3,150 Bread 0 3,434 1,791 3,181 3,638 753 13,749 3,053	9,335 27 GrainPro d 0 9,231 4,815 8,551 9,780 2,024 36,957 8,206	2,497 28 OthGrai 0 3,868 2,018 3,583 4,098 848 15,485 3,438	1,542 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797	300 Diary 0 3.462 1.806 3.207 3.668 759 13.860 3.077	4,616 31 Sugar 0 8,770 4,575 8,124 1,923 35,110 7,796	32 ProcSug ar 0 672 351 623 712	33 Beverag es 0 14,234 7,425 13,186 15,080 15,080 12,653	34 BeerWin e 0 11,402 5,947 10,562 12,079 2,500 45,645 10,135	35 OthBev Alc 0 4,486 2,340 4,155 4,753 984 17,960 3,988	98.873 Malt 0 2.295 1.197 2.126 2.431 9.188 2.040	37 Tobacco 0 1,917 1,000 1,704 2,031 420 7,674 1,704	38 FoodOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358	39 ProcFru Vcg 0 1,274 665 1,180 1,350	40 Chocolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514	OthI 7 3 6 7 1 29
12,878  21 ProcMea  1,700 887 1,577 1,801 377 6,806	2 2 ProcFish ( ) 4,211 2,200 4,461 922 16.88 3,744 30	1,403  24 Floor  0 1,237 646 1,146 1,311 271 4,954 1,100	25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 15	3,150 26 Bread 0 3,434 1,791 3,181 3,638 753 13,749 3,053 24	9,335 27 GrainPro d 0 9,231. 4,815 8,551 9,780 2,024 36,957 8,206 65	2,497 28 OthGrai 0 3,868 2,018 3,583 4,098 848 15,485 3,438 27	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38	30 Diary 0 3,462 1,806 3,207 3,668 759 13,807 2,4	4,616 31 Sugar 0 8,770 4,575 8,124 9,291 1,923 35,110 7,796 62	32 ProcSug ar 0 672 351 623 712 147 2.692 598	33 Beverag es 0 14.234 7.425 13.186 15.080 3.121 56.986 12.653 100	34 BeerWin e 0 11,402 5,947 10,562 12,079 2,500 45,645 10,135 80	35 OthBev Alc 0 4,486 2,340 4,156 4,753 984 17,960 3,988 32	98,873 36 Malt 0 2,295 1,197 2,126 2,431 503 9,188 2,040 16	37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,704	38 FoodOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358	39 ProcFru Veg 0 1,274 665 1,350 279 5,101 1,135 279	40 Chocolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 28	OthI
12,878  22  ProcMea  ( 1,700  887  1,575  1,801  301  111  111	2 2 Proclish ( ) 4,211 2,200 4,461 9,281 16,883 3,744 ( 76)	1,403  24 Floor  0 1,237 646 1,311 271 4,954 1,100 9 223	3,666 25 OthMill 0 2,110 1,105 2,236 463 8,449 1,876 15 381	3,150 26 Bread 0 3,434 1,791 3,638 753 13,749 3,033 24 620	9,335 27 GrainPro d 0 9,231 4,815 8,551 9,780 2,024 36,957 8,206	2,497 28 OthGrai 0 3,868 2,018 3,583 4,098 848 15,485 3,438 277 698	1,542 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797	300 Diary 0 3.462 1.806 3.207 3.668 759 13.860 3.077	4,616 31 Sugar 0 8,770 4,575 8,124 1,923 35,110 7,796	32 ProcSug ar 0 672 351 623 712 147 2,692	33 Beverag es 0 14,234 7,425 13,186 15,080 15,080 12,653	34 BeerWin e 0 11,402 12,079 2,500 45,645 10,135 80 2,058	35 OchBev Alc 0 4,486 2,340 4,156 4,753 984 17,960 3,988 32 810	98.873  36  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 16 414	37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,733 346	38 FoedOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291	39 ProcFru Veg 0 1.274 665 1,350 279 5,101 1,133 9 230	40 Chocolat c 0 3,954 2,062 4,188 867 15,828 3,514 28 714	77 33 66 77 11 29
12.878 22 ProcMea 1,770 888 1.572 1.800 1.511 11 12 3001	2 Proclish ( ) 4,218 ( 2,200 ) 3,900 ( 4,468 ) 922 ( 16,88 ) 3,749 ( 7,76 ) ( 7,76 ) ( 7,76 )	1,403 24 Flour 0 1,237 646 1,146 1,311 271 4,954 1,100 9 223 0	25 OthMill 0 2,110 1,101 1,935 463 8,449 1,876 15 3811 0	3,150 26 Bread 0 3,434 1,791 3,183 753 13,749 3,053 24 620 0	9,335 27 GrainPro d 01 9,231. 4,815 8,551 9,780 2,024 36,957 8,206 65 1,666 0	2,497 28 OthGrai n 0 3,868 2,018 3,583 4,098 848 15,485 3,438 27 698 0	1,542 Milk 0 5,397 2,815 4,997 1,183 21,605 4,797 38 974 0	30 Diary 0 3.462 1.806 3.207 3.668 759 13.860 3.077 24 625	4,616 Sugar 0 8,770 4,575 8,124 9,291 1,923 35,110 7,796 62 1,583	32 ProcSug ar 0   672 351   623 712 147 2,692 598 5   121 0	333 Beverages 0 14.234 7.425 13,186 15,086 12,653 100 2,569 0	34 BeerWin e 0 11,402 5,947 10,562 12,079 2,500 45,645 10,135 80 2,058 0	355 OthBev Alc 0 4.486 2.340 4.153 4.753 17.960 3.988 32 810	98.873  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 16 414 0	21,931 37 Tobacco 0 1,917 1,000 1,704 2,031 420 7,674 1,704 13 346 0	38 FoodOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.2911	39 ProcFru Vcg 0 1.274 665 1.180 1.350 279 5.101 1.133 9 230 0	40 Chocolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 28 714	77 33 66 77 11 29
12,878  22  ProcMea  ( 1,700  887  1,575  1,801  301  111  111	2 2 Proclish	1,403 24 Flour 0 1,237 646 1,146 1,311 271 4,954 1,100 9 223 0 98	3,666 25 OthMill 0 2,110 1,105 2,236 463 8,449 1,876 15 381	3.150 26 Bread 0 3.434 1.791 3.181 3.638 753 13.749 3.053 24 620 0 271	9,335 27 GrainPro d 0 9,231. 4,815 8,551 9,780 2,024 36,957 8,206 65	2,497 28 OthGrai 0 3,868 2,018 3,583 4,998 848 15,485 3,438 27 698 0 305	29 Milk 0 5.397 2.815 4.999 5.717 1.183 21,605 4,797 38 974 0 0 426	30 Diary 0 3,462 1,806 3,207 3,668 759 13,860 3,077 24 625 0 0 273	4,616 31 Sugar 0 8,770 4,575 8,124 9,291 1,923 35,110 7,796 62 1,583 692	32 ProcSug ar 0 672 351 623 712 147 2.692 598 5 121 0	33 Beverages 0 14,234 7,425 13,186 15,080 3,121 56,986 12,653 100 2,569 0 1,123	0 0 34 BeerWin e 0 11.402 5.947 10.562 12.079 2.500 45.645 10.135 80 2.058 0	355 OchBev Alc 0 4.4886 2.340 4.156 4.753 984 17.960 3.988 32 810 0 354	98.873  36  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 16 414 414 81	37 Tobacco 0 1.917 1.000 1.776 2.031 420 7.674 1.704 1.3 346 0 151	38 FoedOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0	39 ProcFru Vcg 0 1,274 6655 1,180 1,350 279 5,101 1,133 9 230 0	40 Chocolat c 0 1 3,954 2,062 3,662 4,188 867 15,828 714 0 312	OthI
2: ProcMea t ( 1.700	22 ProcFish 4.211 2.200 3.900 4.451 9.221 16.88: 3.749 6 (	24 Floor 0 1,237 646 1,146 1,311 271 4,954 1,100 9 223 0 98 98 23 471	3,666 25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 15 381 10 166 40 804	3.150 26 Bread 0 3.434 1,791 3.181 3.638 753 13,749 3.053 24 620 0 271 65 1,308	9,335   27 GrainPro d 0   9,231. 4,815   8,551   9,780   2,024   36,957   8,206   65   1,666   0   0   728   175   3,517   3,517   3,517   3,517	2,497  28 OthGrai  0 3,868 2,018 3,583 4,098 848 15,485 3,438 0 305 733 1,474	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 0 426 102 2,056	30 Diary 0 3,462 1,806 3,207 3,668 759 13,860 3,077 24 6255 0 273 655 1,319	4,616 31 Sugar 0 8,770 4,575 8,124 9,291 1,923 35,110 7,796 62 1,583 0 692 166 3,341	32 ProcSug ar 0 672 351 147 2.692 598 5.5 121 0 533 133	333 Beverages 0 14.234 7.425 13.186 15.080 3.121 56.986 12.653 100 0 1,123 269 5,423	0 0 34 BeerWin e 0 11,402 5,947 10,562 12,079 2,504 10,135 80 2,058 0 899 216 4,344	35 OchBev Alc 0 4,486 2,340 4,156 4,753 984 17,960 3,988 312 810 0 3,544 5,1709	98.873  36  Malt  0  2.295 1.197 2.126 2.431 503 9.188 2.040 16 414 0 181 433 874	37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,704 13 346 0 151 36 730	38 FoedOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0 564 1.35 2.725	39 ProcFru Veg 0 1.274 665 1.180 1.350 279 5.101 1.133 9 230 0 100 24	40 Chocolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 28 714	OthI 3 3 6 6 7 7 1 299 6 1
22,878 21,879 21,700 21,700 21,700 21,800 23,730 23,730 24,511 23,000 24,700 24,700 25,700 26,800 26	22 ProcFish 4,211 7,2,200 3,900 4,461 4,461 1,683 7,76 1,600	24 Floor 0 1.237 646 1.311 271 4.954 1.100 9 223 0 98 23 471 7.804	3,666 25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,55 381 15 381 40 804 18,837	3.150 26 Bread 0 3.434 1.791 3.638 753 13,749 3.053 24 620 0 271 65 1.308 40,830	9,335 GrainPro d 0 9,231- 4,815 8,551 9,780 2,024 36,957 8,206 65 1,666 0 728 175 3,517 10,252	2,497 28 OthGrai 0 3,868 2,018 3,583 4,998 848 15,485 3,438 0 0 305 73 1,474 177	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,695 4,797 38 974 0 426 102 2,056 13,220	300 Diary 0 0 3.462 1.806 3.207 3.668 759 13.860 625 0 273 655 1.319 17,606	4,616 31 Sugar 0 8,770 4,575 8,124 9,291 1,796 62 1,583 0 692 166 3,341 83,740	32 ProcSug ar 0 672 351 623 712 147 2,692 598 5 121 0 0 53 13 256 9,287	33 Beverag es 0 14.234 7.425 13.186 15.080 3.121 56,986 12.653 100 2.569 0 1,123 269 5.423	34 BeerWin c 0 11,402 5,947 10,562 12,079 2,500 45,645 10,15 80 2,058 0 899 216 4,344 29,308	35 OthBev Alc 0 4.486 2.340 4.156 4.753 984 17.960 3.988 810 0 354 85 1.709	98,873  36  Malt  0 2,295 1,197 2,126 2,431 503 9,188 2,040 6 414 414 43 874 1,344 1,344	37 Tobacco 0 1,917 1,000 1,767 42,031 420 7,674 1,704 1,704 1,704 1,504	38 FoodOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0 564 1.35 2.725 2.725 2.725 4.696	39 ProcEru Veg 0 1.274 665 1.180 279 5.101 1.133 9 230 0 100 24 485 1.205	40 Chocolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 28 714 0 312 75 1,596	OthF 7 3 3 6 6 7 7 1 1 29 6 1
2: ProcMea t ( 1.700	22 Proclish 4,211 7 2,200 3,907 16,88; 16,87 76 6 1,607 1,607 1,607 1,607 1,607	24 Floor 0 1,237 646 1,146 1,311 2711 4,954 1,100 9 223 0 988 23 471 7,864 22,949	3,666 25 O0Mill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 0 1666 40 804 18,837 55,392	3.150 26 Bread 0 3.434 1.791 3.181 3.638 753 13,749 3.053 1201 65 1.308 40,830 120.063	9,335   27 GrainPro d 0 9,231, 4,815 1 9,780 2,024 4 36,957 8,206 0 0 1,666 0 0 728 8 175 3,517 10,252 30,145	2,497 28 OthGrai a 0 3,868 2,018 3,583 4,998 8,488 15,485 3,438 0 0 3055 73 1,474 1,474 519	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 4,797 38 4,00	300 Diary 3,462 1,806 3,207 3,668 759 13,860 3,071 24 625 1,319 17,606 51,771	4,616 Sugar 0 8,770 4,575 8,124 9,291 1,923 35,110 7,796 692 1,583 0 692 166 3,341 83,740 246,241	32 ProcSug ar 0 672 3511 623 712 147 2,692 598 121 0 0 533 13 13 256 9,287 27,309	33 Beverag es 0 14.234 7,425 13,186 15,080 3,121 56,986 12,653 100 2,569 0 1,123 269 5,423 31,356 92,204	0 0 34 BeerWin e 0 11,402 5,947 10,562 12,079 2,504 10,135 80 2,058 0 899 216 4,344	35 OchBev Alc 0 4,486 2,340 4,156 4,753 984 17,960 3,988 312 810 0 3,544 5,1709	98,873 36 Malt 0 2,295 1,197 2,126 2,431,503 9,188 2,040 16 414 0 1811 43 874 1,344 3,951	37 Tobacco 0 1,917 1,000 1,767 420 7,674 1,73 346 0 0 730 730 -2,150 -6,322	38 FoedOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0 564 1.35 2.725	39 ProcFru Veg 0 1,274 6655 1,180 1,350 279 5,101 1,133 9 230 0 100 24 485 1,205	0 3,954 2,062 3,662 4,188 3,514 288 3,514 0 312 75 1,506 19,490 57,310	OthI
22.878 ProcMea  1.700 1.700 1.801 377 6.800 1.511 300 (0 134 32 33.136,64 40.133	2: Proclish 4,211 2,200 4,461 92: 16,888 3,744 33 766 6 1,600 1,600 1,600 1,600 1,600 1,600	1,403 24 Flour 0 1,237 646 1,1146 1,211 271 4,954 1,09 223 0 98 23 471 7,864 22,949	3,666 25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 15 3811 0 166 40 804 18,837 55,392	3.150  26 Bread  0 3.434 1,791 3.181 3.638 753 13,749 3.053 24 6200 0 271 655 1,308 40,830 120,063	9,335 27 GrainPro 0 9,231- 4,815 8,551 9,780 2,024 36,957 8,206 106 0 728 175 3,517 10,252 30,145	2,497  28 OthGrai  0 3,868 2,018 3,583 4,098 848 15,485 3,438 27 698 0 305 7,177 177 519 0	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 0 426 102 2,056 13,220 38,873 0	30 Diary 0 3.462 1.806 3.207 3.668 759 13.800 13.800 24 625 0 273 655 1.319 17,606 51,771	4.616 Sugar 0 8.770 4.575 8.124 9.291 1.923 35.110 7.796 62 1.583 0 692 1.66 3.341 8.3740 246,241	32 ProcSug ar 0 672 3511 623 712 147 2,692 598 5 121 0 0 53 13 13 256 9,287 27,009	33 Beverages 0 14.234 7.425 13.186 15.080 3.121 56.986 12.653 100 2.569 0 1,123 269 9 5.423 31.356 92.204	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35 OchBev Alc 0 4.486 2.340 4.156 4.753 984 17.960 0 0 0 3.548 810 0 3.54 1.709 31.108 91.473	98,873  36  Malt  0 2,295 1,197 2,126 2,431 503 9,188 2,040 16 414 0 181 434 43,951	37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,704 1	38 FoodOil  0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0 5644 1.35 2.725 4.696 13.808	39 ProcFru Veg 0, 1,274 6655 1,180 1,350 279 5,101 1,133 9 230 0 100 24 485 1,205 3,544	40 Chocolat c 0 3,954 2,062 4,188 867 15,828 3,514 28 714 0 312 75 1,506 19,490 57,310	OthF 7 3 3 6 6 7 7 1 1 29 6 1
22.878 ProcMea  1 1.770 888 1.577 1.800 377 6.890 1.511 11 300 648 13.648 13.658 14.6181	2. Proclish (4.21) 4.450 (4.88) 8. 8. 8. 1.660 (4.66) -13.690 (6.66) -13.600 (6.66) -13.600 (6.66) -13.600 (6.66) -13.600 (6.66) -13.600 (6.6	1,403 24 Flour  0 1,237 646 1,146 1,311 271 4,954 1,100 9 223 0 471 7,804 22,949 0 0	3,666 25 O0Mill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 381 0 166 40 804 18,837 55,392 0 0	3.150 26 Bread 0 3.434 1.791 3.181 3.638 753 13,749 3.053 1201 65 1.308 40,830 120.063	9,335   27 GrainPro d 0 9,231, 4,815 1 9,780 2,024 4 36,957 8,206 0 0 1,666 0 0 728 8 175 3,517 10,252 30,145	2,497 28 OthGrai a 0 3,868 2,018 3,583 4,998 848 15,485 3,438 0 0 3055 73 1,474 1,474 519	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 4,797 38 4,00	898 30 Diary 0 3.462 1.806 3.207 3.668 759 13.860 3.077 244 625 0 273 65 1.319 17,606 51,771 0	4.616 Sugar 0 8.770 4.575 4.575 4.575 1.923 35,110 7.796 62 1.583 0 692 166 3.341 83,740 246,241 0 0	32 ProcSug ar 0 672 3511 623 712 147 2.692 598 5 121 0 0 5 5 331 13 256 9.287 27,309 0	33 Beverages 0 14,234 7,425 13,186 15,080 3,121 56,986 12,653 100 2,569 0 1,123 269 5,423 31,356 92,204	0 0 34 BeerWin e 0 11.402 5,947 10.562 12,079 2,500 45,645 10,135 0 2,058 0 2,058 0 4,344 29,308 86,182 0 0	0 35 OchBev Alc 0 4.486 2.340 4.156 4.753 984 17.960 3.988 810 0 0 3.544 8.5 1.709 3.1108 91,473 0 0	98,873 36 Malt 0 2,295 1,197 2,126 2,431 503 9,188 2,040 6 414 0 181 181 43 874 1,344 3,951 0 0	21,931 37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,704 1,704 1,704 1,704 1,704 1,704 1,704 1,704 1,704 1,705 1,000 0 0 0 0 0 0 0 0 0 0 0 0	38 FoodOil 0, 7.153 3.731 6.626 7.577 1.568 28.635 6.358 5.00 1.291 0 5.644 1.35 2.725 4.696 13.808 0 0	39 ProcFru Vcg 0 1,274 6655 1,180 1,350 279 5,101 1,133 9 230 0 100 244 485 1,205 3,544 0 0	0 Chocolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 0 312 7,75 1,506 19,490 57,310 0	OthI
22.878 ProcMea  1.700 1.700 1.801 377 6.800 1.511 300 (0 134 32 33.136,64 40.133	2 Proclish 4,211 4,210 3,900 4,460 3,740 6,600 766 1,600 1,6	1,403 Plour 0 1,237 646 1,146 1,311 271 4,954 1,100 9 923 0 98 98 233 471 7,804 22,949 0 0	3,666 25 OthMill 0 1,101 1,955 2,236 463 8,449 1,55 381 0 166 40 804 18,837 55,392 0 0	3.150 26 Bread 0 3.434 1.791 3.181 3.638 753 13,749 3.053 241 620 0 271 65 1.308 40.830 120.063 0 0	9,335   27   GrainPro d   0   9,231   4,815   8,551   9,780   2,024   36,957   8,206   0   1,666   0   728   1,75   3,517   10,252   30,145   0   0   0   0	2,497 28 OthGrai 0 3,868 2,918 3,583 4,098 848 15,485 3,438 0 3055 73 1,474 1,77 519 0	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 0 102 2,056 102 2,056 102 2,056 102 2,056 102 2,058 103 104 105 105 105 105 105 105 105 105	300 Diary 0 3,462 1,8066 3,207 3,668 7 3,077 24 625 625 655 1,319 17,606 51,771 0 0 0 0 0	4.616 Sugar 0 8.770 4.575 8.124 9.291 1.923 35.110 7.796 62 1.583 0 692 1.66 3.341 8.3740 246,241	32 ProcSug ar 0 672 3511 623 712 147 2,692 598 5 121 0 0 53 13 13 256 9,287 27,009	33 Beverages 0 14.234 7.425 13.186 15.080 3.121 56.986 12.653 100 2.569 0 1,123 269 9 5.423 31.356 92.204	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35 OchBev Alc 0 4.486 2.340 4.156 4.753 984 17.960 0 0 0 3.548 810 0 3.54 1.709 31.108 91.473	98,873  36  Malt  0 2,295 1,197 2,126 2,431 503 9,188 2,040 16 414 0 181 434 43,951	37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,704 1	38 FoodOil  0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0 5644 1.35 2.725 4.696 13.808	99 ProcFra Veg 0 1.274 665 1,180 1,350 1,180 1,180 1,180 1,100 1,1	40 Chocolat c 0 3,954 2,062 4,188 867 15,828 3,514 28 714 0 312 75 1,506 19,490 57,310	OthI
22.878 22.878 23.878 24.078 25.078 26.808 27.1.509 27.1.5	5,14: 2: Proclish 4,211 2,200 3,90 4,46: 1,60	1,403 Ploor  0 1,237 646 1,146 1,146 1,151 1,100 9 9 223 0 9 98 23 471 7,864 22,949 0 0 0 0	3,666 25 OthMill 0 1,101 1,101 1,955 2,236 463 8,449 1,876 15 381 0 1666 40 804 18,837 55,392 0 0 0 0	3.150  26  Bread  0 3.434 1.791 3.181 3.638 753 24 620 0 271 655 1.308 40.830 120.063 0 0 0 0	9,335 27 GrainPro d 0 9,231.1 4,815 8,551 9,780 2,024 36,957 8,206 65 1,666 0 728 1,758 1,758 0 0 1,025 2,031 1,025 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  28 OthGrai  0 3,868 2,018 3,583 4,098 848 15,485 27 698 305 73 1,474 177 519 0 0 0 0	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,695 4,797 38 974 0 426 102 2,056 13,200 0 0 0	898  30 Diary  0 3,462 1,806 3,207 3,668 7599 13,860 3,077 24 6255 0 13,119 17,606 51,771 0 0 0 0	4.616  31 Sugar  0 8.770 4.575 8.124 9.291 1.923 35,110 7.796 62 1.583 0 62 1.583 0 692 246,241 0 0 0 0	32 ProcSug ar 0 6722 351 623 712 147 2.692 598 5 121 10 0 53 1256 9.287 727,309 0 0	6,040  33  Beverage 0 14,234 7,425 13,186 15,080 3,121 56,985 100 2,569 0 1,123 269 5,423 31,356 92,204 0 0 0	34 BeerWin c 0 11,402 5,947 7 10,562 12,079 2,500 45,645 10,135 80 2,058 899 216 4,344 29,308 86,182 0 0 0 0 0 0 0 0	35 OchBev Alc 0 4,486 2,340 4,156 4,753 3,988 32 810 0 3,54 85 1,709 31,108 91,473 0 0	98,873  Malt  0 2,295 1,197 2,126 2,431 503 9,188 2,040 16 414 43 8,74 1,344 1,344 1,349 0 0 0 0 0	21,931 37 Tobacco 0 1,917 1,000 1,776 2,031 420 7,674 1,704 1	38 FoedOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 0 564 1.355 2.725 4.696 13.808 0 0	39 ProcFru Veg 0 1.274 665 1,180 1,350 279 5,101 1,133 9 230 0 100 24 485 1,205 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 Checolat c c 3,954 2,062 3,662 4,188 867 15,828 3,514 28 714 0 312 7,55 1,506 19,490 57,310 0 0	OthI
2: ProeMea  1 (	5,14: 2: Proclish 4,211 2,200 3,900 4,461 92: 16,88: 3,744 3,344 4,69 1,600 1,60	1,403 Ploor  1,237 646 1,146 1,146 1,140 1,140 1,100 223 0 23 471 7,804 22,949 0 0 0 0 0	3,666 25 OthMill 2,110 1,101 1,101 1,101 1,105 2,236 463 8,449 1,876 40 40 804 18,837 55,392 0 0 0 0 0	3.150 Bread  0 3.434 1.791 3.638 753 13,749 3.053 40,830 0 0 0 0 0 0 0 0	9,335 27 GrainPro d 0 9,231. 4,815, 8,551 9,780 2,024 36,957 8,206 0 1,666 0 728, 1,75 3,517 10,252 30,145 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497 28 OtbGrai 8 0 3,868 2,918 3,868 3,438 4,098 848 15,485 7,27 27 27 27 519 0 0 0 0 0	1,542  Milk  0 5,397 2,815 4,797 1,183 21,605 4,797 4,797 6 102 2,056 113,220 38,873 0 0 0 0 0 0	898  Diary  0 3.462 1.806 759 13.608 759 13.606 51.771 0 0 0 0 0 0	4.616  31 Sugar  0 4.575 8.124 9.291 1.923 35.110 7.296 62 1.583 0 692 166 3.341 83,740 246,241 0 0 0 0 0	32 ProcSug ar 0 672 351 672 351 147 2.692 598 121 0 0 13 13 256 9.287 27,309 0 0 0	33 Beverage es 0 14.234 7.425 13.186 15.080 3.121 56.986 0 0 2.569 0 0 1.123 31.356 92.204 0 0 0 0 0 0 0 0 0 0 0 0	34 BeerWin e 0 0 11.402 5.947 10.562 12.079 2.500 45.645 10.135 80 0 899 216 4.344 29.308 86.182 0 0 0 0 0 0 0 0 0 0 0 0 0	35 OthBev Alc 0 4,486 2,340 4,753 984 17,960 3,988 810 0 3544 85 1,709 31,108 91,473 0 0 0 0	98.873  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 166 414 0 181 43 874 1.344 3.951 0 0 0 0 0	21.931  37  Tobacco  0  1.917  1.000  1.776  2.031  420  7,674  1,704  1,704  1,704  1,705  0  0  0  0  0  0  0	38 FoodOil 0 7.153 3.731 6.626 7.577 1.568 28.635 6.358 50 1.291 4.696 13.808 0 0 0 0	63,499   ProcFru   Veg	0 40 Chocolat c 0 1 3,954 2,062 4,188 867 15,828 3,514 0 312 75 1,506 19,490 57,310 0 0 0 0 0	OthI
12.879 ProcMea  1 (1.700 1.700 1.881 8.881 1.575 1.801 377 6.890 1.511 11 300 (1.313 320	5,14:  2: Proclish 4,211 4,211 7,2,200 3,900 4,4,601 1,600 1	1,403 24 Floor 0 1,237 646 1,146 1,146 1,151 1,271 4,954 1,100 9 223 0 98 98 233 471 7,804 22,949 0 0 0 0 0 0	3,666 25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 15 3811 0 1666 40 804 18,837 555,392 0 0 0 0 0 0	3.150 Bread  0 3.434 1.791 3.181 3.638 753 2.4 620 0 0 1.308 40,830 120,063 0 0 0 0 0 0 0 0	9,335 277 GrainPro d 01 9,231- 4,815 8,551 9,780 2,024 36,957 8,206 0 0 728 1755 3,517 10,252 30,145 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497 28 OthGrai  9 0 3,868 2,018 3,583 4,098 848 15,485 5,73 1,474 1,474 1,474 0 0 0 0 0 0 0 0	1,542 29 Milk 0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 0 102 2,056 13,220 0 0 0 0 0 0 0 0	898  30 Diary  0 3,462 1,806 3,207 3,668 759 13,860 625 0 273 655 1,319 17,606 51,771 0 0 0 0 0 0 0 0 0	4.616  Sugar  0 8.770 4.575 8.124 9.291 1,923 35,110 7,796 62 1,583 0 692 166 3,341 0 0 0 0 0 0 0 0 0 0 0	32 ProcSug ar 0 672 351 672 351 672 351 712 2.692 598 5 121 0 0 5 3 7 22,692 27,309 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6,040  33 Beverages 0 14,234 7,425 13,186 15,080 3,121 56,986 12,653 100 2,569 0 1,123 269 5,423 31,356 92,204 0 0 0 0 0 0 0	34 BeerWin e 0 11,402 5,947 10,562 12,079 2,500 45,645 10,135 80 2,058 899 216 4,344 29,308 86,182 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	35 OchBev Alc 0 4.486 2.340 4.156 4.753 984 17.960 0 0 3.588 3.2 810 0 0 1.709 3.544 8.5 1.709 91,473 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	98.873  Malt  0  2.295 1.197 2.126 2.431 503 9.188 9.188 9.188 1.344 0 0 181 143 874 1.344 3.951 0 0 0 0 0 0	21,931  Tobacco  1,917 1,000 1,716 2,031 420 7,674 13 346 0 151 36 6,322 0 0 0 0 0 0 0 0	38 FoodOil  0 7.153 3.731 6.626 7.577 1.568 50 6.358 50 1.291 0.0 5644 1355 2.725 4.696 13.808 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	399 ProcFru Veg 0, 1,274 665 1,180 1,350 279 5,101 1,133 9 230 0,00 100 244 485 1,205 3,544 0,0 0 0 0 0 0 0	40 Chocolat e 0 3,954 2,062 4,188 867 115,828 3,514 28 714 0 312 19,490 57,310 0 0 0 0 0	OthI
2: ProcMean 1	5,14: 2: Proclish 4,211 2,200 4,46: 92: 16,88: 3,740 6: 16,80	1,403  24  Plour  0 1,237 646 1,146 1,146 1,140 9 223 0 0 471 7,804 22,949 0 0 0 0 0 0 0	3,666 25 OthMill 0 2,110 1,101 1,955 2,236 463 8,449 1,876 381 0 166 40 804 18,837 55,392 0 0 0 0 0 0 0 0 0 0 0 0 0	3.150 Bread  0 3.434 1,791 3.638 7 3.7 3.7 3.7 3.7 3.053 244 620 0 271 65 1.308 40,830 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9,335 27 GrainPro d 0 9,231. 4,815 8,551 9,780 2,024 36,957 8,206 655 1,666 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  28 OttbGrai  0  3,868 2,018 3,583 4,098 848 15,485 3,438 27 698 0 0 0 0 0 0 0 0 0 0 0	1,542  Milk  0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 102 2,056 113,220 38,873 0 0 0 0 0 0 0 0	898  Diary  0 3.462 1.806 759 13.668 759 13.806 273 65 1.319 17,606 51,71 0 0 0 0 0 0 0 0 0	4.616 31 Sugar 0 0 8.770 4.575 8.124 9.291 1.923 35.110 1.683 35.110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 ProcSug ar 0 672; 3511 623 712 147 2,692 598 5,5 121 10 0 0 13 256 9,287 27,309 0 0 0 0 0	6,040  33 Beverage ex  0 14,234 7,425 13,186 15,080 3,121 56,986 12,653 100 2,569 0 1,123 269 5,423 31,356 92,204 0 0 0 0 0 0 0 0 0	34 BeerWin e 0 11.402 5.947 10.562 12.079 2.500 45.645 10.135 80 2.058 0 899 216 4.3444 29.308 86.182 0 0 0 0 0 0 0	355 OthBev Alc 0 4,486 2,340 4,156 4,753 984 17,960 3,988 322 810 0 354 85 1,709 31,108 91,473 0 0 0 0 0 0 0 0	98.873  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 181 434 43 9.181 43 874 1.344 3.951 0 0 0 0 0 0 0	21,931 37 Tobacco 0 1,917 1,000 1,776 2,031 420 0,674 1,734 1,704 1,736 346 0 0 0 0 0 0 0 0 0 0 0 0	40,603 38 FoodOil 0 7.153 3.731 6.626 7.557 1.568 28.6358 6.358 6.358 1.291 0 564 1.35 2.725 4.696 0 0 0 0 0 0 0 0 0	399 ProcEru Veg 0 1.2744 6655 1.180 1.350 2799 5.101 1.133 0.0 0.0 1000 244 485 1.2055 3.5444 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 40 Chocolat c 0 3,954 2,062 4,188 867 15,828 714 28 714 75 1,506 19,490 57,310 0 0 0 0 0 0 0 0	OthI
12.879 ProcMes  1 (1.700 1.878 1.572 1.872 1.873 1.571 1.801 1.511 1.13 300 1.511 1.13 300 1.511 1.14 300 1.511 1.510 1.	5.14' Proclish 16.88' 3.74' 4.212.0000000000000000000000000000000000	1,403 24 Floor 0 1,237 646 1,146 1,146 1,511 271 4,954 1,109 9 223 0 9 98 23 471 7,804 22,949 0 0 0 0 0 0 0 0 0 0 0 0	3,666  25 O0hMill  0 2,110 1,101 1,955 2,236 463 8,449 1,876 166 40 804 18,837 55,392 0 0 0 0 0 0 0 0 0	3.150 Bread  0 3.434 1,791 3.638 13,749 3.053 13,749 5.050 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9,335 277 GrainPro d 9,231. 4,815 8,551 9,780 2,024 36,957 8,265 1,666 6,665 1755 3,517 10,252 30,145 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  28 OtbGrai  0 3,868 2,018 3,583 4,098 848 15,485 3,438 0 305 73 1,474 177 519 0 0 0 0 0 0 0 0 0 0	1,542  Milk  0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 0 426 102 2,056 13,220 0 0 0 0 0 0 0 0 0 0 0	898  0 3.462 1.806 3.207 3.668 7599 13.860 3.077 24 625 0 1.319 17,606 51,771 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.616  Sugar  0  8.770  4.575  4.575  4.575  6.22  6.23  0  1.923  0  3.3414  0  0  0  0  0  0  0  0  0  0  0  0  0	32 ProcSug ar 0 672 351 623 712 2,692 598 5 121 0 0 53 256 9,287 0 0 0 0 0 0	6.040  33 Beverag es  0 14.234 7.425 13.186 15.080 3.121 56.986 12.653 100 2.569 0.1,123 269 5.423 31.356 92.204 0 0 0 0 0 0 0 0 0 0	34 BecrWin e 0 11.402 5.947 10.562 12.079 2.500 45.645 10.135 80 0 899 216 4.344 29.308 86.182 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	355 OchBev Ale 0 4.486 2.540 4.156 4.753 984 17.960 3.988 3.2 810 0 3.54 81.709 3.51,108 91,473 0 0 0 0 0 0	98.873  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 16 414 0 181 43 8.74 1,344 1,344 1,344 0 0 0 0 0 0 0 0 0 0 0 0	21,931  37 Tobacco  0 1,917 1,000 1,776 2,031 420 7,674 1,734 1,734 346 730 -2,150 0 0 0 0 0 0 0 0 0	38 Foodbil 10	399 ProcFru Veg 0, 1,274 665 1,180 1,350 279 5,101 1,135,0 279 5,101 1,133 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	40 Checolat c 2,062 3,564 4,188 867 15,828 714 0 312 75 1,596 19,490 0 0 0 0 0	Othl
2: ProcMean 1	5,14' 5,14' 7,14'	1,403  24  Plour  0 1,237 646 646 1,146 1,140 1,100 9 223 0 0 471 7,804 22,949 0 0 0 0 0 0 0 0 0 0 0 0	3,666  25 O0hMill  0 2,110 1,101 1,955 2,236 463 8,449 1,876 166 40 804 18,837 55,392 0 0 0 0 0 0 0 0 0	3.150 Bread  0 3.434 1,791 3.638 7 3.7 3.7 3.7 3.7 3.053 244 620 0 271 65 1.308 40,830 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9,335 27 GrainPro d 0 9,231. 4,815 8,551 9,780 2,024 36,957 8,206 655 1,666 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  28 OttbGrai  0  3,868 2,018 3,583 4,098 848 15,485 3,438 27 698 0 0 0 0 0 0 0 0 0 0 0	1,542  Milk  0 5,397 2,815 4,999 5,717 1,183 21,605 4,797 38 974 102 2,056 113,220 38,873 0 0 0 0 0 0 0 0	898  0 3.462 1.806 3.207 3.668 7599 13.860 3.077 24 625 0 1.319 17,606 51,771 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.616 3 J 3 J 3 J 3 Sugar  0 0 8.770 4.57578 4.57578 5.700 6.7200	32 ProcSug ar 0 672; 3511 623 712 147 2,692 598 5,5 121 10 0 0 13 256 9,287 27,309 0 0 0 0 0	6,040  33 Beverage ex  0 14,234 7,425 13,186 15,080 3,121 56,986 12,653 100 2,569 0 1,123 269 5,423 31,356 92,204 0 0 0 0 0 0 0 0 0	34 BerWin c 0 111.402 S.947 10.502 S.947 10.135 S.947 10.	355 OthBev Alc 0 4,486 2,340 4,156 4,753 984 17,960 3,988 322 810 0 354 85 1,709 31,108 91,473 0 0 0 0 0 0 0 0	98.873  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 0 16 414 43 874 1.344 3.951 0 0 0 0 0 0 0 0 0	21,931 377 Tobacco 0 1,917 1,000 1,917 1,000 1,716 1,716 1,716 1,710 1,716 1,710 1,716 1,710 1,7	40,603 388 FoodOil 0 7,153 3,731 3,731 1,568 6,388 6,388 6,388 1,291 1,291 1,564 4,696 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	399 ProcEru Veg 0 1.274 665.5 1.180 1.350 279 5.101 1.133 9 230 0 0 244 485 1.205 3.544 0 0 0 0 0 0 0 0 0 0 0 0	40 Checolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 0 0 312 2,75 1,596 19,490 0 0 0 0 0 0	OthI
22: ProcMea  1	5,14' 5,14' 5,14' 7,14'	1,403 Plour  0 1,237 646 1,146 1,146 1,151 1,151 1,150 9 223 0 0 23 471 7,804 22,949 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,666 255 O0bMill 0 2,110 1,101 1,101 1,105 1,10	3.150 Bread  0 3.434 1.791 3.181 3.638 753 3.753 2.4 620 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9,335 27 GrainPro d 9,231- 4,815 5 8,551 9,780 2,024 36,957 8,206 65 1,566 0 0 728 175, 3,517 10,252 30,145 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  28 OthGrai  0 3,868 2,018 3,583 4,098 8,15,485 3,438 27 698 0 0 0 0 0 0 0 0 0 0 0	1,542 29 Milk 0 0,5,397,10 2,815,10 4,999 5,717,1 38,873 0 0 0 0 0 0 0 0 0 0 0 0 0	898 30 30 31 31 32 3462 3462 3462 3462 3462 3568 3688 3686 3687 3688 3687 3688 3687 3688 3687 3688 3687 3688 3687 3688 3687 3687	4.616  Sugar  0  8.770  4.575  4.575  4.575  6.22  6.23  0  1.923  0  3.3414  0  0  0  0  0  0  0  0  0  0  0  0  0	32 PrecSug ar 0 672 351 147 2,692 598 5 5 121 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.040 333 Beverag 0 14.234 7.425 15.080 1.123 1.201 1.253 2.269 0 0 1.123 2.000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	34 BecrWin e 0 11.402 5.947 10.562 12.079 2.500 45.645 10.135 80 0 899 216 4.344 29.308 86.182 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000Bev Akc 0 4,4886 2,340 4 4,753 1 2,540 1 2,	98.873  Malt  0 2.295 1.197 2.126 2.431 503 9.188 2.040 16 414 0 181 43 8.74 1,344 1,344 1,344 0 0 0 0 0 0 0 0 0 0 0 0	21,931  37 Tobacco  0 1,917 1,000 1,776 2,031 420 7,674 1,734 1,734 346 730 -2,150 0 0 0 0 0 0 0 0 0	38 Foodbil 10	399 ProcFru Veg 0, 1,274 665 1,180 1,350 279 5,101 1,135,0 279 5,101 1,133 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0	0 0 0 0 3,954 2,062 4,188 3,514 1,528 3,514 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OthI
22: ProcMea  1	5,14' 5,14' 5,14' 7,14'	1,403 24 Floor 0 0 1,237 646 646 646 647 1,146 1,151 1,100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,666  255  O0hMill  0 2,110 1,101 1,101 1,105 1,151 1,515 1,515 1,511 1,515 1,511 1,515 1,511 1,515 1,511 1,515 1,511 1	3,150 26 Bread 0 3,434 1,791 3,181 3	9,335 27 GrainPro 0 9,231. 4,815. 8,551 9,780. 20,94 36,957. 8,206. 66. 66. 175. 30,145. 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  288  OthGrai  0  3,808  3,503	1,542 299 299 291 Milk 0 0 5,397 1 1 1,548 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	898 30 30 34.62 3.462 3.207 3.207 3.207 3.207 3.207 3.21 3.870 3.277 3.24 3.777 3.27 3.27 3.27 3.27 3.27 3.27 3.2	4.616  Sugar  0 8.7707 8.7708 8.724 4.5755 3.51101 7.7966 622 622 63341 01 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32 32 37 37 37 37 37 37 37 37 37 37 37 37 37	6.040 333 Beverage es 0 14.234 7.425 15.080 10.0 10.0 10.0 1.123 2.509 0 0 1.123 3.1356 92.204 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	34 34 11.402 5.947 10.562 10.00 10.0	000 O00 O00 O00 O00 O00 O00 O00 O00 O00	98.873 36 2.295 1.197 2.126 2.126 2.2940 1.197 2.126 2.2940 1.197 3.9188 1.344 3.951 1.344 3.951 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	21,931 377 Tobacco 0 1,917 1,000 1,1917 1,000 1,716 420 1,714 420 1,714 1,704 1,704 1,704 1,000 1,000 0,000	40,603 388 FoodOil 0 7,153 3,711 3,711 6,622 6 28,635 1,201 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	39 ProcFru Veg 0 1.274 665.5 1.180 1.350 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40 Checolat c 0 3,954 2,062 3,662 4,188 867 15,828 3,514 0 0 312 2,75 1,596 19,490 0 0 0 0 0 0	Othl
2: Pro:Mea (	5,14' 2.2' ProcFish (6, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	244 Picor Picor 1,237 Picor 1,	3,666  255  O0bMill  0 2,1101 1,995 1,1995 2,2346 463 8,449 1,955 1,55 1,55 1,55 1,55 1,55 1,55 1,	3,150  26  0  3,434  1,799  3,181  3,6188  3,6188  24  40,810  0  0  0  0  0  0  0  0  0  0  0  0	9,335 27 GrainPro d d 9,231 9,231 9,231 1,31 1,31 1,31 1,31 1,31 1,31 1,31	2,497  288  OthGrai  0  3,868  0  3,868  4,998  848  848  15,485  30  305  73  14,744  1777  519  0  0  0  0  0  0  0  0  0  0  0  0  0	1,542 29 0 0 5,397 1,383 21,605 4,999 3,712 1,383 21,605 4,999 3,712 1,383 1,18	898 30 30 34626 3.4626 3.207 3.6688 3.6688 3.678 3.077 24 24 21 3.1349 62 52 63 53 65 65 65 65 65 60 60 60 60 60 60 60 60 60 60 60	4.616  Sugar  0 0 8.7707 8.124 8.124 4.5755 8.124 4.5755 6.22 6.23 5.110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	46,276 32 37 37 38 38 39 46,276 39 47 47 47 47 47 47 47 47 47 47 47 47 47	6.040 33 33 31 31 31 42 31 14.214 13.186 15.080 3.121 56.986 10 00 00 00 00 00 00 00 00 00 00 00 00	34 34 34 34 34 34 34 34 34 34 34 34 34 3	00 Onblev Akc 0 44886 4484 179.960 179	98.873 36 0 2.295 1.197 2.126 2.411 1.97 2.126 2.431 1.197 1	21,931 37 Tobacco 0 1,917 1,000 1,917 1,000 1,716 420 1,317 420 1,514 1,000 1,	40,603 38 38 38 38 38 50 60 60 60 60 60 60 60 60 60 60 60 60 60	39 ProcFu Veg 0 0 1,274 1,189	40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OthI
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2: Pro:Mea (	2.2 ProcFish 4.2121 4.2220 1.6 4.2121 3.000 3.00	244 Floor  1.237 F	3,666  255  OthMill  0 2,110 1,101 1,101 1,105 1	3,159  266 Bread  0 3,434 1,791 3,181 3,181 3,1618 733 3,618 733 3,618 733 1,749 1,791 1,7	9,335 27 GrainPro d d 9,231 9,201 9,231 4,815 8,551 9,780 0,00 1,000 0,0	2,497  288 Oblital  0 3,808 3,503 3,503 3,503 3,503 3,503 3,11,474 1,714 1,717 1,77 1,77 1,77 1,77	1,542 299 Milk 0 0 5.397 1,183 4,999 1,183 4,797 1,183 6 10 11 11 11 11 12 12 13 13 13 13 13 13 13 13 13 13	898 30 Diary  0 3.4626 1.806 3.207 3.668 759 3.668 759 3.677 24 24 23 23 23 23 23 23 23 23 23 23 23 23 20 0 0 0	4.616  Sugar  0  8.7707  4.5755  8.1242  8.1242  8.1242  8.1242  6.225  6.23  6.3341  6.340  0.00	46,276 32 PrecSug at  60 672 3551 46,273 471 2,692 588 581 121 121 121 121 121 121 121 121 121 1	6.040 33 33 Beverag es es 1 0 14.234 13.186 12.653 100 2.5699 0 1.123 2.599 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 11.402 12.500 12.500 10.155 80	35 S OhBev Ake 0 4486 Ake 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	98,873 36 2,295 37 2,129 2,126 2,126 2,140 3,197 3,188 3,191	21,931 37 Tobacco 0 1,917 1,917 1,000 1,716 1,000 1,716 1,000 1,716 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40,603 388 7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7	39 63,499 ProcFru Veg Veg Veg 1,274 6655 1,350 1	0 40 A 40 A 40 A 40 A 40 A 40 A 40 A 40	OúilF 77 33 66 77 11 299 66 11 34
22: ProcNeadon 1	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	244 Floor  1.237 F	3,666 255 200Mill 0 2,110 1,101 1,101 1,105 1,10	3,150 266 Bread 0 3,434 1,791 3,181	9,335 27 GrainPro d d 9,231 4,815 4,815 4,815 4,815 4,815 6,978 8,206 6 0 728 8,106 0 0 738 1,75 1,75 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497 288 0 OthGrai 0 3,868 0 3,583 3,583 3,583 3,583 3,583 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,542 299 299 291 Milk 0 0 0 5,397 1 1,188 1 1	898 30 30 34-62 3.462 3.202 3.202 3.202 3.202 3.202 3.202 3.202 3.203 3.	4.616 Sugar  0 8.770 4.5755 8.1242 4.5755 8.1242 6.223 5.1101 6.233 6.232 6.246 6.24	46,276 32 PrecSug at 02 672 33 13 673 351 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 121 1477 1477	6.040 33 33 31 38 61 42.24 13.186 13.186 13.187 100 3.121 5.996 0 3.121 2.599 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 11.402 S.947 1 1.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.	355 OthBev Ale 0 44886 41.56 44.156 44.156 33,988 810 0 3,988 810 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	98,873 36 10 12,205 1,197 1,19	21,931 37 Tobacco 0 1,917 1,000 1,917 1,000 1,917 1,000 1,00	388 7 FoodOil 40,603 7 FoodOil 40,603 7 FoodOil 40,603 7 FoodOil 40 7	39 ProcFru Veg Veg Veg 1,274 6655 6656 1,3590 1,359	40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OúilF 77 33 66 77 11 299 66 11 34
2: 2: 27 ProcMean 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:	2.2. 2.2. 2.2. 2.2. 2.2. 2.2. 2.2. 2.2	244 Floor Floor 1,403 Floor 1,403 Floor 1,403 Floor 1,000 Floor 1,	3,666  255  OthMill  0 2,110 1,101 1,101 1,155 463 31 1,176 166 66 60 00 00 00 00 00 00 00 00 00 00 0	3,159  26  Bread  0  3,434  1,791  3,181  3,533  3,638  733  3,638  733  24  4020  0  0  120,063  0  0  0  0  0  0  0  0  0  0  0  0  0	9,335 27 GrainPro d 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,497  288 Oblicial  0 3,868 3,438 3,533 3,533 1,474 4,978 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,542 29 Milk  0 5.397 1,183 4,999 1,183 4,797 1,183 4,797 1,183 974 0 0 102 2,165 4,797 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	898 30 Diary  0 34626 1.8806 3.207 3.6688 759 3.6688 759 3.677 24 24 27 27 27 27 27 27 27 27 27 27 27 27 27	4.616 Sugar  0 8.770 4.575 8.124 4.575 8.124 5.206 6.207 6.2	32 PrecSug at  32 PrecSug at  46.276 672 351 673 367 2.692 588 59 59 59 50 00 00 00 00 00 00 00 00 00 00 00 00	6.040 33 38 Beverag es es es 10 14.234 13.186 12.653 100 14.234 00 00 00 00 00 00 00 00 00 00 00 00 00	0 0 1 11.402 1 10.502	0 0 335 35 36 36 36 36 36 36 36 36 36 36 36 36 36	98,873 36 0 0 0 2,205 1,197 2,126 2,126 2,140 0 1,197	21,931 37 Tobacco 0 1,917 1,917 1,000 1,716 1,000 1,726 1,000 1,726 1,000 1,736 1,000 1,00	388 7.15 7.15 7.15 7.15 7.15 7.15 7.15 7.15	1,300   1,30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OthF 77 33 66 77 11 29 6 1 1 34
12.579 22: ProcMeacon  1.700 Meacon  1.700 Meacon  1.700 Meacon  1.577: 1.800 Meacon  1.577: 1.800 Meacon  1.570: 1.800 Meacon  1.570: 1.800 Meacon  1.570: 1.800 Meacon  1.570: 1.800 Meacon  1.570: 1.800 Meacon  1.570: 1.800 Meacon  1.570: 1.570: 1.800 Meacon  1.570:	2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.	1,403   1,403   1,403   1,403   1,403   1,403   1,403   1,404   1,100   1,405   1,404   1,100   1,405   1,40	3,666  25 5  OthMin  0  1,100	3,150  26 Bread  0	9,335 27 GrainPro d d 9,231 9,201 9,231 4,815 8,551 9,780 0,00 1,000 0,0	2,497  288 Oblital  0 3,808 3,503 3,503 3,503 3,503 3,503 3,11,474 1,714 1,717 1,77 1,77 1,77 1,77	1,542 29 Milk 0 0 2,815 2,815 2,815 2,815 2,815 2,817 1,138 3,717	898 30 Diary  0 3.4626 1.806 3.207 3.668 759 3.668 759 3.677 24 24 23 23 23 23 23 23 23 23 23 23 23 23 20 0 0 0	4.616  Sugar  0  8.7707  4.5755  8.1242  8.1242  8.1242  8.1242  6.225  6.23  6.3341  6.340  0.00	46,276 32 PrecSug at  60 672 3551 46,273 471 2,692 588 581 121 121 121 121 121 121 121 121 121 1	6.040 33 33 Beverag es es 1 0 14.234 13.186 12.653 100 2.5699 0 1.123 2.599 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 11.402 S.947 1 1.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.079 1 12.0502 1 12.	35 S OhBev Ake 0 4486 Ake 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	98,873  36  10  2.295  1,197  2.126  50  1,197  2.126  50  1,197	21,931 37 Tobacco 0 1,917 1,917 1,000 1,716 1,000 1,716 1,000 1,716 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	40,603 388 7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7	39 63,499 ProcFru Veg Veg Veg 1,274 6655 1,350 1	0 40 A 40 A 40 A 40 A 40 A 40 A 40 A 40	OthFi 7. 3. 6. 7. 1. 29. 6. 1. 34.
12.579 ProcMeac 1 (1.70) 1.700	2.2. Proclish 4.2111	244 Floor Floor 1,403 Floor 1,403 Floor 1,403 Floor 1,237 Floor 1,	3,666 255 00Mill 1,100 0 1,100	3,150  2.6 Bread  0.0  3,434  1,797  1,818  1,318  1,318  1,317  24  40  20  0  0  0  0  0  0  0  0  0  0  0	9,335  GrainFro d  4  4  9,231  9,231  4,815  8,501  9,780  9,000  1,000  0  0  0  0  0  0  0  0  0  0  0  0	2,497  28 A Oth Crai  0	1,542 0 0 29 28 15 30 4,299 4,299 4,299 4,299 4,299 4,299 4,299 4,299 4,299 4,299 6	898  30 Diary  0 1,866 1,866 1,867 1,866 1,867 1	4.616 Sugar  0 0 8.7701 4.5755 8.1242 1.923 3.5110 7.7966 622 1.5833 60 60 60 60 60 60 60 60 60 60 60 60 60	46,276 32 32 PrecSug at 62 63 63 63 63 63 63 63 63 63 63 63 63 63	33 Beverag es es es es es es es es es es es es es	0 0 11.402 11.0000 11.0000 11.000 11.000 11.000 11.000 11.000 11.000 11.000 11.	0 35 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	98,873 36 0 0 0 2,205 1,197 2,126 2,126 2,140 0 1,197	21,931 37 Tobacco 0 1,917 1,91	40,603 38 FoodOil 0 0 0 7,1551 3,731 H 506,6262 6,3751 1,588,6358 6,35888 6,3588 6,35888 6,35888 6,35888 6,35888 6,35888 6,35888 6,35888 6,358	39 63,499 ProcEru Veg Veg 1,2724 6655 1,1800	40 40 3.194 40 1.194 40 1.194 40 1.194 40 1.194 41 1.194	

## Table 7-21: (continues)

	ProcTex	Clothing	Leather		ProcWo od	Cork	49 Furnitur e	50 PapPulp	Paper 51	PaperPr	Printing	Chemica Is	FertPest	Sesins Sesins	57 PlasticPr	RubberP r	Paint 59	Pharmac	CleanPr	OthChe m	
kill [	0	0	. 0	0	0	0	0	- 0		0	0	0	.0	0	0	0	0	0	0	(	
Skill	51	467	33	98	- 0	- 0	0	329	3,215	3,293	7,884	129	183	203	475	190	73	613	300	182	
nskill	626	5,750	410	1,207	3,547	489	4,331	0	. 0	0	0	172	244	271	634	253	97	818	400	243	
fan	2,977	27,344	1,948	5.741	2.184	301	2,667	812	7.922	8,113	19,426	14,366	20,383	22,656	52,965	21,136	8,141	68,325	33,435	20,256	5
ıl [	691	6,348	452	1,333	1,051	145	1.284	794	7.748	7.935	19,000	3,147	4,465	4,963	11,602	4,630	1,783	14,967	7,324	4,437	1
V [	1.755	16.120	1.148	3,384	680	94	831	156	1.521	1.557	3.729	960	1,362	1.514	3,538	1,412	544	4,565	2,234	1,353	
kill	4,191	38,500	2.742	8.083	5,372	740	6,559	2.082	20.315	20.804	49,816	7,098	10,071	11,194	26,169	10,443	4,022	33,757	16,519	10,008	8
11	22,029	202,365	14,413	42,485	51,241	7,063	62,567	491	4,793	4,909	11.754	4.013	5,693	6.328	14,794	5,904	2,274	19,084	9,339	5,658	1
Man	0	0	0	0	0	0	0	0	0	0	0	- 8	12	13	31	12	5	40	19	12	
Sal	0	. 0	0	0	0	0	0	0.	0	0	0	- 0	0	- 0	0	0	- 0	- 0	0	- 0	1
IW [	0	0	0	0	0	- 0	0	31	300	308	737	- 0	. 0	- 0	0	- 0	- 0	- 0	- 0	- 0	
1Skill	7	61	4	13	. 0	0	0	13	125	128	307	. 0	0	0	0	0	- 0	- 0	- 0	0	
kill	0	. 0	0	.0		- 1	7	0	0	0	0.	21	30	34	79	31	12	102	50	36	1
	1,418	13.023	928	2.734	2,994	413	3,656	186	1.818	1.862	4,458	885	1.256	1.396	3.264	1.302	502	4.210	2.060	1,248	1
an I	2.377	4,036	-659	3,998	3.163	1.054	-2.000	850	2.055	902	1,779	8.541	1.676	5,122	4,138	8.005	660	9.087	10,075	794	
ap	23,419	39,772	-6.497	39,398	18.194	6.065	-11,508	29,010	70,119	30.771	60,689	143,924	28.246	86,315		134,888	11,120		169,780	13,387	
Farm 1	0	.0	0	0	0	0	0	0	0	0		0	0				1111111	0	0		-
Farm	0	0	0	0	- 0	0	0	0	0	0	0	0	0					0	0		
dep	0	0	0.	0	0	0	0	0		0			0					0	- 0		
lead	0	0	0.1	0	0	0	0	0	0	0	0	0	0				0	0	0	- 0	+
iSkill	0	0	0	0	0	0	- 0	0		- 0			0					0	0		
iUsk	0	0	0	0	0	0	0	0		0			0					0	0		
ietor	0	. 0	0	0	0	0	0	0		0			0			0		0			
Account	0	0	0	0	0	0	0	0		0			0					0	0	_	
oyer	0	0	0	0	0	0	0	0		0			0		0	0		0	0		
ssional	.0	0	- 0	0	0	0	0.	0		0			0					0			
er	0	0	0	0	0	0	0	0		0			0		0	0		0			
olovee	0	0	0	0	0	0	0	0		0			0		0	0		0	0		
cc	0	0	0	0	0	.0	0	0		0		0	0		0	0		0			
	0	0	.0	0	0	0	0	0		0	0	0	0		0	0		0	0		
nment	0	0	0	0	0	0	0	0	. 0	0		0	0		0	- 0	0	0	- 0		-
-	6,896	11,786	4.516	3,482	7,427	-78	8,744	3,942	11,314	-3,645	30,899	-37,137	1,708	-14,340	21,968	17.694	13,548	1,329	88,456	27.029	
. 1	86,671	115,784	19,503	21,495	19,587	3,261	15,260	42.253		142.383	10,309		171,602	286,520	86,116	95,758	31,578		103,658		
larg	0.071	113,704	0	0	0	0	0	0	134,469	142,363	10,309	191,3/1	0	200,520	00,110	92,738	31,2/8	212,976	103,038	249,277	
arg -	23,850	20.826	1,646	16,340	4,157	3,467	7.880	4,845	10,539	18,228	5,197	82,250	14,337	66,413	18,990	16,326	14,662	15,304	18,621	36,986	
FinAcc	0	0	0	0	0	0	0.000	4,04,1	10.339	10,220	0.197	0 0	14,337	00,415	10,990	10,320	14,002	13,304	13,021	20,760	-
n	66,652	228,685	25,127	82,943	25,815	5,501	110,130	16,819	78,446	37,974	171,051		243,212	97,611	180,723	119,131	30,091	248,705	198,762	319.253	1
a t	-1.207	-7,029	-1,370	-2.132	-5,535	-365	-3,752	810	7.903	10.154	9,794	-8,503	-26.851	-30,666	-35,815		-9.558		-25,287	-11,880	

	64	65		67	68	69	70	71	72		74	75		77	78				82	83	
	Porcelai n	Glass	OthNMe tPr	IronStPr	MetPr	OthMet	AgriEqp m	ManufE	SpecFqp m	OffMach	Electroni e	DomAp pl	OthEleE	OthEqp m	Auto	Aircrafts	OthTrpE qpm	CntrInst	OthMan	EleGasW at	Construc
3 RurSkill	0	- 0	0	- 0	- 0	0				0	0	0			0	0		0	- 0		
4 RurMSkill	218	269	755	- 0	0	0	. 0	0	0	. 0	. 0	0		- 0	27,450		1,673	454	1,078	41,634	2.06
5 RurUnskill	10.218	12,591	35,341	- 0	0	0	226	66	0	2,712	3,071	502	9,956	4,385	0		0	0	0	192,171	166.8
6 ProfMan	8,792	10,835	30,410	26,154	7,103	64.577	1,305	753	5.212	51	3,843	5,790	21,148	10,380	30,034	4,147	5,259	4.804	11,418	30,575	287.55
7 OthSal	4.336	5,344	14,999	8,508	2,311	21,006	369	213	1,475	14	1,088	1.639	5,986	2,938	2,035	281	356	326	774	3,478	
3 SkillW	3,166	3,901	10,950	0	0	0	121	70	481	5	355	535	1.953	959	3,480		609	557	1.323	3,890	
9 MedSkill	7,005	8,633	24,230	28,411	7,716	70,149	2,266	1,308	9,048	89	6,672	10,051	36,712	18,019	114,433	15.801	20,039	18,303	43,502	44,785	51.0
0 Unskill	23,190	28,577	80,209	32,121	8,724	79,310	3,134	1,808	12.513	122	9,227	13,901	50,771	24,920	25,090	3,464	4,394	4,013	9,538	13,620	767,4
GProfMan	1.053	1,297	3,642	0	- 0	0	. 0	0	0	0	0	0	0	0	0	- 0	0	0	0	44,735	2.5
2 GOthSal	0	0	0	- 0	0	0	- 0	0	0	0	0	0	- 0	0	- 0	0	0	0	0	41.887	4.3
3 GSkillW	0	0	0.	.0	0	0	0	0	0.	0	0.	0	- 0	0	0	0	0	0	0	4,075	5
GMedSkill	- 0	0	- 0	0	- 0	0	- 0	- 0	0	0	- 0	0	- 0	- 0	512	71	90	82	195	99,570	4.5
Gunskill	. 6	7	21	0	0	0	- 1	- 1	5	0	- 4	6	21	10	0	0	0	0	0	22,683	13,1
Indep	486	599	1.681	. 0	- 0	0	115	67	461	5	340	512	1,871	918	6,042	834	1,058	966	2,297	397	
RurCap	30,718	18,638	66,239	2,280	344	-959	-199	-95	- 0	0	-484	-2,256	-4,951	5,983	-21,970	-218	-6,087	-208	2,023	0	331.
UrbCap	105,113	63,777	226,666	73,799	11,136	-31,035	-3.132	-2.281	-12,012	-3,910	-6,165	-21,576	-42,469	44,853	-140,366	-2,471	-18,994	-4,976	48,418	1.242,273	2.321.5
SmallFarm	- 0	- 0	0.	- 0	. 0	0	0	0	0	0	0	. 0	0	0	0	0	0	0	0	0	
LargeFarm	0	- 0	0	0	0	0	0	- 0	0	0	0	0	0	0	0	- 0	- 0	0	0	0	
RurIndep	0	0	0	.0.	0	0	0	0	- 0	0	0	0	.0	0	0	0	- 0	0	0	. 0	
Agrillead	0	- 0	- 0	0	- 0	0	0	- 0	0	0	- 0	- 0	0	- 0	- 0	0	0	0	0	0	
NAgriSkill	0	0	0	0	- 0	- 0	0	0	0	0	0	0	0	0	- 0	- 0	0	0	0	0	
NAgriUsk	0	- 0	- 0	0	0	0	0	0	0	- 0	0	0	0	0	0	0	- 0	0	. 0	0	
Proprietor	0	0	- 0	0	- 0	0	0	.0	0.	0	0	0	0	0	0	0	- 0	0	0	0	
OwnAccount	0	- 0	0	0	- 0	0	0	. 0	- 0	0	0	- 0	0.	0	- 0	- 0	- 0	- 0	. 0	0	
Employer	0	0	0	- 0	- 0	0	0.	- 0	0	0	0	0	0	0	0	0	.0	0	0	0	
Professional	0	- 0	0	0	. 0	.0	0.	- 0	0	0	- 0	0	0	0	-0	0	- 0	- 0	0	0	
Laborer	. 0	0	- 0	- 0	- 0	- 0	- 0	- 0	0	0.	- 0	0	0	0	0	0	- 0	- 0	0	0	1.7
GEmployee	0	0	0	0	:0	- 0	0	- 0	- 0	0	0	0	0	0.	0	- 0	.0	- 0	- 0	0	
CapAcc	- 0	0	. 0	0	0	- 0	- 0	- 0	0	0	- 0	. 0	0	0	0	0	- 0	- 0	. 0	0	
Stocks	- 0	0	0	0	0	0	()	0	0	0	0	- 0	0	0.	0	.0	- 0	- 0	- 0	0	
Government	0	0	- 0	0	0	.0	0	- 0	- 0	0.	0	0	0.	0.	- 0	. 0	- 0	- 0	. 0	0.	
ITax	7.284	11,298	35,070	12,094	893	45,513	1,605	868	2.107	3,206	8,711	2.293	22.630	32,020	222,255	13,445	3,208	5,897	17,450	-23,072	201.2
ROW	9,819	58,942	78,117	456,369	185,761	261,464	84,882	110,107	629,543	436,389	632,111	104,125	311,873	479,142	1,510,170	431,209	114,933	224,841	128,157	61	-
ExpMarg	0	0	0	0	0	- 0	0	. 0	. 0	0	0	0	. 0	- 0	0	0	- 0	0	0	- 0	
Tariff	7,349	11,775	25,703	44,453	21,571	37,025	2,080	24,689	52,406	26,744	44,499	22,773	18,013	41,468	417,848	2,719	15,106	13,888	32,617	- 0	
ROW FinAcc	0	0	0	0	0	- 0	0	0	0	0	0	0	0.	0	0	0	0	0	0	0	
9 Margin	35,520	48,089	97,747	158,924	66,562	196,367	6,694	8,113	21,518	32,579	81,496	21,800	68,545	40,470	495,895	46,075	29,682	79.826	74,564	. 0	7 11 17 17
0 ByProd	-1,427	-2,459	-12.810	12.837	4,023	20,415	50	31	216	16		475	1,561	793	28.871	427	4,429	5,897	8,681	-311.731	-304.7

## Table 7-22: (end)

	Commerce		Commu n	rimins	RealEst			v v	Rurskill	RurMSkil I	H Rurt/mski	ProtMan	OthSal	SkillW	MedSkill	Unskill	GProfMa n	GOthSal	GSkillW	GMedSki II	Gunski
RurSkill	5,209	3,690	0		0		85,541	0	0	0	- 0	- 0	0	- 0	1 (	(		1 0	0	0	
RurMSkill	64,440	36,314	109,050	30,122	0		321,266	919	- 0	- 0	- 0	. 6	- 0	-0		0	- 0	- 0	0	0	1
RurUnskill	17,448	177,304	28,761	15,057	()	199,846	431,252	8,844	. 0	- 0	0	- 0	0	0		-	- 0				
ProfMan	45,159	42,467	95,500	341,963	0	693,133		2,443	- 0	. 0	0	0	0	0	0	- 0	- 0	0	0	0	
OthSal	78,006	152,234	18,040	272,518	0		10,512	1.080	- 0	- 0	0	. 0	- 0	0	0	0					
SkillW	27,646	18,700	3,434	16,866	0	73,716	38,262	4,325	.0	0	- 0	- 0	- 0	0	- (		0				-
MedSkill	468,464	79,937	67,152	1,043,985	0	474,196	77.687	39,282	- 0	0	0	- 0	0	0							
Unskill	62,787	1,106,963	10,198	105,481	0	78,292	38,204	54.541	.0	0	0	- 0	0	0	0		_				
GPro(Man	0	2,024	26,162	38,591	0	714,771	1,305,287	30	- 0	0	0	- 0	0	0	0						
GOthSal	1,318	11,229	40,154	96,378	0	26,578	684.254	0	- 0	0	0	0									
GSkillW	136	0	0	0	0	66,376	25.869	0	- 0	- 0	0	0									
GMedSkill	1,449	9,316	38,167	117,563	0		1.813.276	208	- 0		0	0									
Gunskill	401	5,033	8,390	7,281	0	51.876	338.201	331	- 0	0	0	0					-				
Indep	415,269	9,915	0	3,177	0	135,316	0	912	0		0	0					-				
RurCap	307,897	140.985	29,771	154,653	172,827	341,323	0	0	0		0				-						
UrbCap	2,591,348	2.178.558		1.749.461			0	0	0	0	0	0					-				
SmallFarm	0	0	0	0	0	0	0	0	0	-	7.817	- 0	0		0		_				
LargeFarm	0	0	0	0	- 0	0	0	0.	- 0	0	2,260	0			0		_				
Rorlader	0	- 0	0	- 0	0	- 0	0	0	- 0			0			0						
Agrillead	0	0	0	- 0	0	0	- 0	0	183.120			0			- 0		-				
NAgriSkill	0	0.	0	0	0	0	01	- 0		1.135.858	0	- 0	0		0		0			-	
NAgriUsk	0	0	0	0	0	0	01	0	6	26,871	914.378	0			- 0						
Proprietor	0	0	- 0	0	0	0	0	0.	0		714,376		206,343	0	0					0	
OwnAccount	0	0	0	0	0	0	0	0	- 0	0	0	0		144.767	1.102,254		.0			- 0	
Employer	0	0	0	- 0	0	0	0	0	- 0			0			111,488	94,549	- 0			0	
Professional	0	0	0	- 0	0	0	0	0	- 0	0		2,604,045		4,954	111,488	94,549	- 0				
Laborer	0	0	0	0	0	0	- 0	0	- 0	0		SWHWY		0	- 0	0	- 0				
GEmployee	0	0	0	0	0	- 0	0	0	- 0	0		0			2,501,550		.0				
CapAcc	0	- 0	0	- 0	- 0	0	- 0	0	- 0				210		- 0		2,105,315	222121		2,186,915	425.3
Stocks	0	0	- 6	0	0	- 0	- 0		- 0	0	0		- 0				. 0	- 0		0	
Government	0	0		. 0	0	- 0	0	- 0	- 0	- 0	0	- 0			0		.0	- 0	- 0	0	
ITax	1.252,889	375.015	142,117	0.004		0	0	- 0	- 0	- 0	0	- 0	0		- 0				. 0	- 0	
ROW	37,784	470,111	97,627	263,094	320,120	124,301	87,986	0	- 0	0	- 0	.0	0		. 0					- 0	
		470,111	91,627	269,566	- 0	13,869	0	0	- 0	- 0	- 0	- 0	- 0		- 0		. 0	- 0	- 0	0	
ExpMarg	0	0	0	- 0	. 0	- 0	- 0	.0	- 0	0	0	0	- 0	0	. 0		- 0	0	- 0	- 0	
Tariff	3,524	7,057	2,075	- 0	0	0	- 0	- 0	- 0	- 0	- 0	- 0	- 0	0	0		0	- 0	- 0	0	1
ROW FinAce	0	- 0	- 0	0.	- 0	- 0	0	0	6,163	5,553	15,945	12,869	5,408	1,856	18,361	17,307	10,404	4,775	472	10,807	2.1
Margin	-7,357,278	0	0	0	- 0	0.	0	- 0	0	0	0	0	0	- 0	0	0	0	- 0	- 0	0	
ByProd	-73,542	-461	0	-111.350	0	-5,994	161,108	0	0	- 0	0	- 0	0	0	0	0	- 0	- 0	- 0		

	106						112				116	117	118	119	120	121	122	123	12	1 125	126	127	128	12
	Indep	RurCap	UrbCap	SmallFa	LargeFa	RurInde	Agrille ad	NAgriS kill	NAgriU sk	Proprieto	OwnAc	Employ	Professio nal	Laborer	GEmple	CapAcc	Stock	Governm		RO		Tariff		Total
93 RurSkill	0	0	0	0	- 0	0	0	0	1 0	0			1 (	) (	1 0	1 0	ol o	I c		0 0				399.2
94 RurMSkill	- 0	. 0	. 0	. 0	- 0	0	- 0	- 0	0	- 0	0	- 0	(	0	0	1	-	1		0 0		0	A responsibility for	1,184,7
S RurUnskill	0	. 0	0	0	0	0	0	- 0	0	0	0	- 0	1	0		(	0	1		0 0	- 0		-36,636	3,967,4
6 ProfMan	0	- 0	. 0	. 0	- 0	0	- 0	- 0	0	- 0	0	- 0	-			- (		1		0 10	-	-	-45,983	2.616.9
7 OthSal	- 0	- 0	0	. 0	0	0	0	0	- 0	- 0	0	- 0		0			0	-		0				1,099,8
8 SkillW	0	- 0	- 0	- 0	- 0	0	0	- 0	0	- 0	0	0	1	0		- 0		-		0			57,486	377.4
9 MedSkill	- 0	- 0	- 0	- 0	- 0	0	0	0	0	0	0	- 0		0	0	(	0	1		0 0	-			3,733.6
0 Unskill	- 0	0	0	- 0	. 0	0	0	- 0	0	- 0	0	- 0	1	0		1		1		0 0	-	-		3,519,3
1 GProtMan	0	- 0	0	- 0	.0	0	- 0	0	0	. 0	0	- 0	1	0		- 0		1	-	0 0			-44,393	2.115.7
2 GOthSal	0	()	- 0	0	- 0	0	- 0	- 0	0	0	0	- 0	1	0		0		- 1		1 0	0		41.628	970.5
3 GSkillW	0	()	- 0	- 0	0	0	0	- 0	0	0	0	- 0	1	0		0		- 1		0				95.9
14 GMedSkill	- 0	- 0	0	- 0	. 0	0	0	0	- 0	- 0	0	- 0	1			0		1		0		-		2,197,7
5 Gunskill	0	- 0	0	- 0	0	0	0	0	- 0	- 0	0	- 0	1			0		-		0				427.4
6 Indep	0	- 0	0	- 0	- 0	0	0	- 0	- 0			0		0		0		-		0	_			844,4
7 RurCap	0	0	()	- 0	0	0	- 0	0	- 0	0		0		0		1 0	0	- 0		0	0	- "		
8 UrbCap	0	- 0	-1.585	- 0	0	0	0	0	0			- 0		0		- 0	0	-		3 0				6.367.7
9 SmallFarm	0	1,909,901	0	- 0	0		0	0	0	- 0		0		0				4,963	1	-	-	- 0		21,243,2
10 LargeFarm	0	1.782,592	0		0		0	0	0	0		0		0		- 0	-	1,435	1	0 0		- 0		1,922.6
1 RurInden		2.220.853	0		0		0	0	0	0		0		0			.0	44,767		-				1.786,2
2 Agriffead	0	325,552	0		0		0	0	0	0			-			-	0		1	0				2,377,4
3 NAgriSkill	0	112,499	0		0		- 0	0	0	0		0	- 1	0		- 0	- 0	274,315	1	0	-			3.714,7
4 NAgriUsk	0	43,256	0	- 0	- 0		0	0	0	0		0	- 0	0		0	- 0	143,408	1	0				1,601,6
5 Proprietor	840,220		6,796,034	0	0		- 0	0	0	0	- "	- 0	- 0	0		-	- 47	76,760		0 0	-	.0		1.061.2
6 OwnAccount	0		4,443,054	0	0		0	0	0	0		- 0	- 0	0		- 0		205,990		0	0			8,048.6
7 Employer	0	- 0	216.034	0	0		0	0	- 0	0		- 0	0	0		- 0	-	363,557	- 4	0	0	0		7,846,2
8 Professional	0	- 0	6.169.311	- 0	0		0	0	0	0		0	- 0	- 0		0		25,016	-	0	-			450,0
9 Laborer	46	- 0	3,360,457	- 0	0		0	0	0	0		- 0	0	0				415,547	(	-				10,076.7
0 GEmployee	0	0	337,829	0	0	0	0	- 0	0	0	0	- 0	0	0	0	- 0	- 0	518,772	1	0				8.223.5
1 CapAcc	0	0	0	227,958	151001	160,614	111 220	70,180	24 940	1 300 461	016.003	130 214	2022 624	1.060,283	0 0	.0	- 0	3.745.888	1	0	0			6,357,5
2 Stocks	0	0	0	0.07.730	0	100,014	111,270	70,180	34,049	1,208,031	910,083	130,234	23/23,674	1,000,283	917,549	1 41 4 700	- 0	3,745,888	-	0	0	0		10,761.3
3 Government	- 0	-26,938	-77.885	203.403	196:196	277,484	221 010	162 222	85,125	077 100	017.070	107.021	1 201 171	1,164,988	. 0	1,615,893	- 0	- 0		-10	- 0	- 0		1,615,8
4 ITax	0		-11,003	203,403	180,480	0	321,949	104.343	85.125			107,031	1,794,471	1,164,988	753,445	- 0	- 0	- 0	5,362,044			1,479,380		13,713.5
5 ROW	0		0	- 0	0		0	0	- 0	0		- 0	- 0	- 0	- 0	- 0	0	- 0	1.585		-			5.363,6
6 ExpMarg	0		0	- 0			- 0	- 0	- 0	0		- 0	- 0	- 0	- 0	-2.584,587	- 0	- 0		0	-			8,778,6
7 Tanff	0	- 0	0	- 0	0		- 0	. 0	0.			- 0	0	0	- 0	. 0	0	- 0		0	0		155,910	155,9
8 ROW FinAce	4,152	0	0	7,851			12.424	0	0	0		0	0	0	- 0	- 0	- 0	- 0		0	0		- 0	1,479.3
		- 0	- 0	7,851	7,198		12,426	6.265	3,286			1,880	41,558	34,493	14,303	+142,703	0	- 0		0	0	0	.0	178.34
29 Margin	- 0	- 0	- 0	- 0	- 0		- 0	- 0	- 0	- 0		- 0	- 0	- 0	- 0	0	- 0	. D		0	.0	0	0	
0 ByProd	0	0	0	- 0	0	0	0	0	0	0	- 0	.0	- 0	0	- 0	0	0	. 0		0 1	- 01	- 0	0.1	