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AN OUTLOOK MODEL OF CANADIAN AGRICULTURAL INPUTS AND OUTPUTS: AN INPUT-OUTPUT APPROACH

by

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ABSTRACT

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Major Advisor: Dr. M. H. Yeh

The need for economic forecasting may not be over-emphasized. Accurate forecasts could be used in a number of economic activities - productions, consumption, investment and employment. Almost all forecasts are structural forecasts i.e. forecasts based upon the assumptionsof the economic structure of the past. A significant change in the structure between the base and the future period will, therefore, distort a set of forecasts. For this reason, structural change is also of interest to economists.

With emphasis on agriculture and related sectors of the Canadian economy, the objectives of this study were to: (a) forecast gross output vectors for 35 industries; (b) examine changes in input structure of industries between 1961 and 1966, and 1966 and 1971; (c) examine structural change in the economy between 1961-1966 and 1966-1971 periods.

A rectangular input-output model was used for the analysis. The model is based upon a commodity-industry system where the number of commodities exceeds the number of industries. There were three compatible tables for the Canadian economy for the years 1961, 1966 and 1971.

The following were the main findings of the study:

1. Commodity multipliers showing the necessitated change in gross output due to a one dollar rise in final demand were calculated for the year 1971. The multipliers for the unprocessed agricultural commodities were, in general, lower than the various manufacturing sector commodities which, in turn, were lower than the processed agricultural commodities.

2. Gross output vectors were forecasted for the year 1980. The average yearly growth rates between 1961-1971 period were comparable to 1971-1980 period for similar groups of industries.

3. The change in input structure among industries between the two five-year periods: 1961-1966 and 1966-1971 were fairly similar indicating that 'new' inputs have not been introduced or the accounting practice for keeping record of inputs has not changed. As for changes within industries, pattern of input structure was different for the two same five-year periods.

4. Structural changes between 1961-1966 and 1966-1971 periods were examined by multiplying the 1961 and 1966 structural matrices with the final demand vectors of 1966 and 1971 respectively. These hypothetical gross outputs were indeed different from the actual values.

It was concluded that: (a) the processed agricultural commodities, in general, have higher multiplier effects than other commodities; (b) the average growth rate of gross outputs between 1971 and 1980, for similar groups of industries, will be comparable to those between 1961 and 1971; (c) change in input structure within

industries were different between 1961-1966 and 1966-1971 periods; (d) structural change between the two five-year periods: 1961-1966 and 1966-1971 had taken place.

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CHAPTER I

INTRODUCTION

Justification for the study

In recent years, economists have often been asked to predict with confidence the future needs of the economic system. The accuracy of such forecasts depends, to a large extent, upon the depth of understanding one has of the structure and organization of the economy as well as its complex interrelationships. While the future does not necessarily mirror the past, and the accuracy of any forecast is often constrained by those events which may or may not occur, the importance of selecting those regularities of the past which the economist feels will repeat in the future cannot be overstated. As such, the selection of these apparent regularities cannot but be enhanced by a thorough knowledge of the system with which one is dealing. Assumptions and/or conditions in forecasting are often the points of criticism. This certainly is not to imply that a forecaster must be bogged down in a morass of detail in identifying those regularities of the past which will repeat in the future, or setting aside conditions that are far from reality. Conditional forecasts arise from the fact that economists, through judgements, predict or expect certain future events and, in turn, forecast particular activities in the near or distant future. The fact that forecasts cannot be made unconditionally, is not any reflection on the progress of economic science. A set of forecasts with strong statistical confidence may well be distorted through exogenous forces.

The actual amount of information required for forecasting will depend on the type of forecasts to be made and the forecasting tool which

is to be employed. In this latter regard, there are various tools, each with its strengths and limitations. One of the simplest methods available is partial forecasting which involves extrapolation a time series mathematically or graphically. This may work satisfactorily if the time series has been observed and has been proven to follow past trends. A good example of where this technique might be employed is sales forecasting for a short run period because of consumption patterns. Since long-run forecasting requires more than rudimentary knowledge, this particular method may be ruled out for anything but a short time horizon.

Another forecasting technique that is widely used is the econometric model. Such a model usually consists of a set of equations that are believed to describe the interrelationships between a number of variables. The equations often describe the simultaneous relationships between variables and hence an econometric model is sometimes known as a simultaneous equation model. The simplest example of this type of a model would consist of one demand and one supply equation where quantity demanded and supplied are both endogenous in the system. Such models are usually stochastic in nature in that an error term is introduced to allow for any discrepancies between the forecasted and the realized value. It might be appropriate to mention that in addition to the task of forecasting, econometric models are sometimes put through static and dynamic multiplier analysis where the effects on endogenous variables, both in the short and long run, are captured due to changes in policy and other exogenous variables. However, like all other models, econometric models also suffer from their specific limitations. Three main

limitations are stability of parameters, stability of relationships among endogenous and exogenous variables, and an accurate method to forecast exogenous variables which in turn determine forecasts for endogenous variables. One further consideration is that an econometric model may be viewed as a problem solving model, i.e. a model that will answer only specific questions. For example, if a model were designed to forecast the demand for wheat, it would not be able to forecast the output of steel which would be necessary to meet the requirements of the agricultural implements industry to produce the tractors that would be used to produce wheat. Thus it can be seen that an econometric model will not provide a consistent and compatible set of forecasts for an entire economy at a particular point in time. This is not to denigrate the value of the econometric model, but merely serves to establish its limitations.

It can be seen, then, that if one is interested in obtaining forecasts for all industries in an economy, a tool other than the econometric model will have to be employed. One technique which will provide such overall forecasts is input-output analysis. An input-output table describes the inputs and outputs i.e. the interdependence of all the industries in an economy at a particular point in time. A conventional input-output table as designed by Professor Leontief, is a square matrix in dollar values with a one-to-one correspondence of industries. That is, if the third row in this table represents the Agriculture industry, then the third column will represent the Agriculture industry as well. The third column will depict the values of various inputs absorbed by Agriculture for production of output, whereas the

third row displays the value of Agricultural output purchased by the various industries in the economy. In all cases, the value of total industry inputs just equals the value of total industry outputs. In other words, the table is based upon a double-accounting framework. We will not be concerned here with the details of an input-output framework. There are numerous references [26,40] that may be cited in this regard. The criticism, as we departed from the discussion of econometric models, was that these models cannot provide a compatible set of forecasts for the entire economy. With reference to input-output analysis, the point that should be brought to light is that an input-output system can provide forecasts of the outputs which will be necessary to meet the demands that are expected to stem from every part of the economy. We turn now to Professor Leontief's comments on this.

> "The analytical methods that are used to transform raw economic data into the final product of specific market forecasts and other types of economic projections are well known to economist-technicians (whom I would like to distinguish from political economists or economist-politicians). The large-scale data processing operation, which only a few years ago would have made the realization of the entire project unwidely, if not impossible, can be performed today rapidly and cheaply.
>
> But an important caveat is needed here. By their very nature, consistent porjections of the demand for good and services produced and consumed in all the many different, but mutually interdependent, sectors of the national economy cannot be run off as so many cars on on assembly line. Despite the use of electronic computers, the entire operation should first be visualized and organized like a construction job; all the parts have to be fitted skillfully to each other although no two of them are alike." [22.9]

Thus far we discussed forecasting with particular emphasis on the needs for consistent and compatible set of forecasts for the economy

as a whole. In this discussion, one very important point has been implictly assumed - the structure of the economy. Whether we speak of a mathematical relationship between variables in case of partial forecasting, in an econometric model or in an input-output context, each situation assumes or depicts a particular set of economic structure. It is needless to mention, cognizance of an economic structure leads to an accurate set of forecasts. Examination of an economic structure provides one with a set of answers in terms of performance of a whole system. Information from a structural analysis could be of significant value if:

(a) governments intend to carry out better planning activities in the future

(b) certain industries wish to explore the various activities of related sectors

(c) research is necessary in a certain sector for its continous poor performance

(d) policy changes are to be implemented

(e) each sector needs to be analyzed relative to all other sectors in an economic system.

As we speak of past performance and wish to analyze it, the job will be easier if there was a point of reference for the purpose of comparison. In other words, if we had two economic structures, or two identical input-output matrices say, sufficiently removed in time from each other then we can analyze the interim period. Consider two input-output matrices, for the same economy for two different years, expressed in a common base year price level. Now if the identical input coefficients were considered, the coefficients, in all likelihood, will show some discrepancies. This leads to a violation of an assumption in a Leontief

system which suggest that the combination of inputs, will remain fixed whatever the level of output. It may be argued that due to improper deflation of the matrices such statistical problems may well appear. This is true to some extent because unavailability of proper indices often means that each cell of an input row is often deflated by the index number of the delivering industry whatever the type of input. But the problem does not get resolved with this. As new products emerge, relative prices rise and substitution takes place, shifts from one production process recipe to another occur. To a great extent these structural shifts are unknown and, the turning points of a certain well-followed economic relationship is discovered only after they have occurred. It is needless to say, much of this centers around technological change. For the purpose of this study, no distinction or inquiry will be made for the various kinds of technological change. We will treat this change as structural change in general, and focus upon the ultimate impact due to this structural change. As for the ultimate impact, our interest lies on the gross output vector. More specifically, since indirect demand is an input demand to produce gross output, with fixed final demand as indirect requirements change so do gross output levels. As we proceed, different concepts and expositions of structural change will be considered in Chapter II. Input-output analysis may be employed for examining structural changes as we shall see in Chapter II.

This study is based upon a rectangular input-output system. The rectangular system is one of the family of input-output models associated with Professor Leontief. This is a commodity-industry system where the number of commodities exceed the number of industries, as opposed to the more familiar square inter-industry system. The usefulness of a rectangular system will be dealt with in Chapter III. In this study, there

are, three compatible input-output tables of the Canadian economy for the years 1961, 1966 and 1971. These tables describe 35 industries and 134 commodities aggregated from 191 industries and 595 commodities respectively. The value of commodities may be viewed as inputs to industries or products of industries. There are 4 primary inputs respectively aggregated from 7 primary inputs. It should be pointed out that although the inputs and outputs of agricultural commodities and industries are represented at a relatively low level of aggregation, the picture of the non-agricultural sectors is rather a highly aggregated one. However, this does not cause any complications for it is the agricultural and related sectors that are emphasized in this study.

Objectives

The objective of this study is threefold. First is that of forecasting industry outputs for 1980 based upon the structural matrix of 1971. We cannot make use of a more recent structural matrix due to data unavailability. There are two forecasts, as we shall see - one is based upon projected final demand of 1980 based upon final demand of 1966 and 1971. The second is due to projected final demand of 1980 based upon final demand of 1961, 1966 and 1971.

The second objective is to explore the change in input structure both primary and intermediate over the years 1961 to 1966 and 1966 to 1971.

Third, we study the impact of the structural matrix of a different year upon industry outputs given an identical vector of final demand. More explicitly, we are concerned with the question that: would there be any changes in the industry output vector of 1966 if final demand

of 1966 was to be delivered with the 1961 structural matrix? Similarly, a second question is concerned with the behaviour of industry outputs if final deliveries of 1971 were to be met with the structural matrix of 1966. Essentially then we are comparing a vector of industry outputs produced under two different economic systems sufficiently removed in time from each other. As time goes on, and input requirements change over time, a change will be captured in the output vector produced for the same bill of goods. It may be pointed out that the second and the third objective are interrelated for the third is a function of the second. Insofar as this study is concerned, the interest lies in capturing the ultimate effect of structural change between 1961 through 1966 and between 1966 through 1971 upon all industries. The particular cause of structural change in any particular industry or industries will not be examined.

Organization of the study

Having stated the objectives of this thesis, it remains to be indicated how the steps are taken to achieve them. Chapter II will deal with a detailed review of literature pertinent to this thesis. Chapter III will focus on the usefulness of a rectangular input-output system and will include a general output determination model of this particular type of system. The methodology based upon this general model is dealt with in Chapter IV, Chapter V briefly examines the data structure. Chapter VI includes a discussion of the results which were obtained. Finally, there are three appendicies. Appendix A displays all results. Appendix B contains the complete disaggregation of all commodities and industries used in the analysis. Appendix C includes the data base used in the study.

CHAPTER II

REVIEW OF LITERATURE

There exist a number of studies that have used input-output analysis to forecast gross output or intermediate demand or final demand. Input-output analysis has also been used to examine structural changes. This chapter reviews studies that are relevant to this thesis. Before proceeding to particular studies, discussion of a few points is warranted. After an extensive search, no study that uses a rectangular input-output scheme to forecast or to examine structural changes has been found. The review of studies presented are, therefore, limited to classical inter-industry Leontief models. While similarities in mathematical models between the studies reviewed and this particular study may not be found, the objectives remain similar. This limitation, it is hoped, will not be detrimental to the objective of this chapter. For the sake of clarity on notation, we will write $(I-A)^{-1}$ as the standard inverse of the unit minus the intermediate input coefficient matrix and refer to this as the 'inverse matrix' or 'the Leontief inverse' throughout this study. As for mathematical exposition, equations are borrowed directly from the respective study wherever necessary.

Review of Studies On Forecasting

With the above points in mind, we first refer to a study by Tilanus [37]. He performed forecasting experiments for the Dutch economy. Tilanus placed a great deal of emphasis on the statistical properties of the errors between the predicted and realized values. Our discussion will be specific to the forecasting experiments and,

therefore, the reader is encouraged to refer to the study with regards to the statistical methods. The first aspect of the study was to predict intermediate demand after predicting final demand of the particular year. Two methods were introduced to calculate intermediate demand. Let us denote gross output vector, intermediate demand matrix and final demand vector by X, z and f respectively. Then,

$$z = \frac{z}{f} f, \text{ for year } t \qquad (2.1)$$

It was assumed that $\frac{z}{f}$ would remain constant between year t the base year and, year t+k the year to be predicted. Therefore, for year t+k, intermediate demand will be proportional to final demand in relation to the base year t. Mathematically,

$$z_{t+k} = \left(\frac{z}{f}\right)_t f_{t+k} \qquad (2.2)$$

In the second method, intermediate demand for year t+k was predicted with given final demand for year t+k. It is correct to write,

$$z_t = ((I-A_t)^{-1} - I) f_t \qquad (2.3)$$

where z_t, A_t and f_t represent the intermediate demand vector, matrix for intermediate input coefficients and final demand vector respectively for year t. It was proposed that,

$$z_{t+k} = ((I-A_t)^{-1} - I) f_{t+k} \qquad (2.4)$$

The basic difference between the two methods is that, in the first method it was assumed that the intermediate demand will be proportional to final demand for the year t+k as in year t.

In the second method, the base year inverse was assumed to remain stable between years t and t+k. It was concluded that the second method works out better as long as the inverse was not more than two

years old. Input-output tables for the Netherlands were available for the years 1948 through 1957. The inverse matrix for each of these years was introduced in (2.4) to calculate intermediate demand for 1958 with estimated final demand of 1958. The first method is similar to the concept of GNP blow-up and is referred to as final demand blow-up. We will discuss the method of GNP blow-up later in this chapter. Tilanus' experiments were based upon input-output tables of dimension 35 x 35, however, only 27 sectors were projected because intermediate demand of the remaining 8 sectors were considered unimportant. A comparison between the errors computed from the final demand blow-up and input-output estimates suggests that the latter is a better choice.

The second problem dealt with the value prediction of primary demand: Imports, Wages (aggregated from Wages and Salaries, and Employer's social insurance fees) and Gross profits (aggregated from Depreciation allowances, Intermediate taxes, Subsidies, Net profits and Interest). Denote the flow from primary sector i into industry j by p_{ij} and this matrix by P, and the corresponding primary input coefficient by b_{ij} and this matrix by B then,

$$B = PX \tag{2.5}$$

We know that,

$$z + f = X \tag{2.6}$$

and,

$$X = (I-A)^{-1} f \tag{2.7}$$

Substitution of (2.7) in (2.5) suggests that for the year t+k,

$$B_{t+k} = P_t (I-A_t)^{-1} f_{t+k} \tag{2.8}$$

where matrices P_t and A_t suggest that primary and secondary input co-

efficients are for the base year t and, the final demand vector f_{t+k} is given for the year t+k. There is no specific mention of the predicted year by Tilanus. It should be noted that the final demand vector f_{t+k} will serve both for predicting primary and intermediate demand for the same year. In addition to the input-output scheme, a procedure of the blow-up type was employed as an alternative approach to predict primary demand for the same year. It was again assumed that the proportion of primary demand to final demand will remain constant for the year t+k as in year t, suggesting that:

$$P_{t+k} = \frac{P_t}{f_t} f_{t+k} \qquad (2.9)$$

a comparison between the input-output and the blow-up procedure again suggests the input-output method yields better estimates.

Thirdly, the primary demand vector was predicted given final expenditure. Thus far we have considered a single vector f for final demand. This vector sums across the columns of the each sub-sector of final demand. We can also speak of a final expenditure columns which is the sum over the rows for a particular column in the matrix of final demand. More clearly, if household consumption is a column in a final demand matrix then, the total final expenditure on household consumption is the sum over this column for all industries. Let the flow of the ith industry to the jth sector of destination in a final demand matrix be f_{ij}, the total final expenditure on the jth sector be g_j, c_{ij} the appropriate coefficient and C the corresponding matrix. Then,

$$C = c_{ij} = \frac{f_{ij}}{g_j} \qquad (2.10)$$

Substitution for the vector f from (2.10) in (2.8) gives,

$$B_{t+k} = P_t \, (I-A_t)^{-1} \, C_t \, g_{t+k} \qquad (2.11)$$

It should be clear that g_{t+k} denotes total estimated final expenditure for the year t+k. However, there is no specific mention of the methodology for predicting final expenditure and, this places a constraint on the discussion for predicting the vector g. Equation (2.11) projects the vector of primary demand with given final expenditure. A ratio was calculated by dividing the vector of primary demand obtained from the final expenditure prediction by the vector of primary demand obtained from the final demand prediction. This ratio was quite close to unity indicating that neither method is particularly superior. In each of these predictive experiments, Tilanus fails to mention the particular methodology employed in forecasting the primary or the final demand.

The last section dealt with forecasting volume prediction of intermediate demand given final demand. If we denote the secondary coefficient by a_{ij} then,

$$a_{ij} = \frac{z_{ij}}{X_j}$$

$$= \frac{q_{ij}p_i}{q_j p_j} \qquad (2.12)$$

where q_{ij} is the volume of flow from sector i to j, p_i is the unit price of input i, q_j is the total production in quantity terms of sector j and p_j is the unit price of sector j repectively. It should be perfectly clear that, the p's here are prices and not primary inputs discussed earlier. It was assumed that volume coefficients were constant for the base year t to the year t+k. In other words,

$$a_{ij}\ (t+k) = \frac{q_{ij}(t+k)\ p_i(t+k)}{q_i(t+k)\ p_j(t+k)} \qquad (2.13)$$

or,

$$a_{ij}\ (t+k) = \frac{q_{ij}\ p_i(t)}{q_j\ p_j(t)}\ \frac{p_i(t+k)}{p_j(t+k)}\ \frac{p_j(t)}{p_i(t)} \qquad (2.14)$$

where aij(t+k) is an intermediate input coefficient for year t+k. The ratio of prices were treated as diagonal matrices and denoted by a circumflex sign. By postmultiplying we write,

$$A_{t+k} = \hat{p}_t\ A_t\ \hat{p}_t^{-1} \qquad (2.15)$$

where A_{t+k} is a matrix of input coefficients for year t+k, a_t for year t and $\hat{p}_t$ is a diagonal matrix of price ratios p_i/p_j for year t. Again, it was assumed that $A_{t+k} = A_t$

Substitution of (2.15) in (2.4) gives

$$\begin{aligned} z_{t+k} &= ((I - \hat{p}_t\ A_t\ \hat{p}_t^{-1})^{-1} - I)\ f_{t+k} \\ &= ((\hat{p}_t\ \hat{p}_t^{-1} - \hat{p}_t\ A_t\ \hat{p}_t^{-1})^{-1} - \hat{p}_t\ \hat{p}_t^{-1})\ f_{t+k} \\ &= (\hat{p}_t\ (I - A_t)^{-1}\ \hat{p}_t^{-1} - \hat{p}_t\ \hat{p}_t^{-1})\ f_{t+k} \\ &= \hat{p}_t\ ((I - A_t)^{-1} - I)\ \hat{p}_t^{-1}\ f_{t+k} \qquad (2.16) \end{aligned}$$

where f_{t+k} is again the predicted final demand vector. Using equation (2.16), volume prediction for the year 1958 was made. Now the errors between the predicted and the realized value of intermediate demand were compared to the errors between the predicted and the realized volume of intermediate demand. Mean errors for volume predictions were larger than the value prediction. Tilanus suggests two reasons for this. First is that the value coefficients in constant prices are believed to be more stable than the volume coefficients. The second

is that lack of data necessitated use of appropriate price indices for the diagonal matrices and this might have introduced some bias. Consider the input from Chemicals to Agriculture, this flow consists of fertilizer, pesticides and other typical chemicals used by the Agriculture sector. Unfortunately, the various components of such an input is almost never found in an input-output matrix. As for data availability, there exists a price index for the Chemicals industry, but not individual index for fertilizer or a particular chemical. Ideally for each volume flow q_{ij}, there should exist its own price index p_{ij}. In reality however, index number of the Chemical industry was needed to represent the prices of the products of this industry used as inputs by all other industries. On the other hand, insofar as the output is concerned, there is no particular difficulty in applying this treatment if homogeneity of output is assumed.

Before proceeding to the next study, we recall that one of the objectives in this thesis is to forecast gross output for 1980 after forecasting final demand for 1980. One common ground between Tilanus' study and this thesis could have been the similarity or difference in the methodology in forecasting final demand. As stated earlier, Tilanus does not describe the particular methodology employed in projecting final demand. We could, therefore, only summarize the described framwork.

Cornfield, Evans and Hoffenberg [8] attempted to estimate the impact of full employment upon the United States economy in 1950 based upon a 28 x 28 input-output matrix of 1939. The authors maintain:

"The present estimates are consequently neither fore-

> casts, a statement of present government intentions, nor a model of an ideal structure of government revenue and expenditure. They are best interpreted as an approximate picture of what might happen under full employment conditions in 1950 if there were no basic change in the scope of government activities from the prewar period, except those alterations which are an aftermath of the war itself." [8:173-74]

For the sake of similarity, the objective of forecasting in this thesis may also be viewed as an approximate picture of the Canadian industries in 1980 if the final demand between 1971 to 1980 grows at the same rate as it did between 1961 to 1971 or between 1966 to 1971. The ultimate objective of the study of Cornfield et al. was to obtain a statistical picture of output and employment in different industries under full employment conditions. The authors suggest that the main components that determine employment are: income - consumer, corporate and government; and demand - consumer, export, government, capital goods and gross output. Looking at it from another angle, demand determines employment. Therefore it is quite conceivable that while forecasting a statistical picture for the future, the main thrust may be placed on the demand analysis. The authors put forward two different estimates of final demand, namely, consumer demand and investment demand. The consumption model fixes the investment demand and the government demand and, augments the estimated consumer demand by the amount necessary to achieve full employment. The investment model, on the other hand, fixes the consumer demand and augments the investment demand by the amount necessary to achieve full employment. The assumption made on the consumption model was that an increase in the level of expenditure between 1939 (the base year) and 1950 will be relative to income, i.e. a point at which income and expend-

iture are equal. There were four assumptions made on the investment model side. First, between 1939 and 1950, construction activity would rise by two-thirds. Second, final demand for durable goods would rise by over fifty percent. Third, exports would rise by twenty percent. Finally, the inventory change was held constant. An important point is, with regards to these assumptions, made by the authors. The fact that consumer demand would rise relative to income reflects more of a structural change than those assumed in the investment demand model. The case in point is that, as consumer income rises so does expenditure, but perhaps up to a point lower than income. In addition, expenditure on certain goods rises more rapidly than others. A suggestion with regards to similar studies is that it may be helpful to study the spending habits of families of different income distribution. An example cited here by the authors is that between 1935 to 1936, families with income below $1,250, incurred deficits, but as income rose above that amount, saving rose quite rapidly. Savings were 10, 20 and in excess of 40 percent at incomes of $2,500; $5,000 and $20,000 respectively. On the investment model side, the key components are - durable goods, construction, inventories and exports. The thrust of this model is not on forecasting the output of durable goods, but rather on the prediction of level of employment which would be generated from maintenance of these goods.

The framework of the analysis follows certain guidelines. As mentioned before, since all findings stem from the nature of final demand in 1950, mostly judgement was used in recognizing the characteristics and the behaviour of the American people in 1950. Past performance i.e. buying habits, preferences etc. were used throughout

the study to arrive at the estimated final demand. The estimates of final demand were in terms of final product and not in terms of raw materials. Through the estimates of final demand, an estimate of gross output for 1950 (in 1939 dollars) was obtained. Unfortunately, the authors do not explicitly state the method of obtaining this gross output vector and, therefore, we assume that this is done by multiplying the estimated final demand vector with the inverse of 1939 (the base year). Let us quickly point out the key points. Although 1950 employment estimation is the main objective of the study, we will primarily concern ourselves with looking at the aspect of final demand and gross output.

First, on the consumption model, it was found that to facilitate full employment in 1950, consumer demand in 1950 would have had to rise by 20 percent in excess of 1939 final demand. Again, comparisons were carried out in 1939 dollars. The authors believe that the following three reasons constitute this 20 percent increase:

(a) an upward shift in consumption expenditure with respect to income.

(b) a shift toward more equality in income.

(c) increase in transfer payments without raising the taxes by the same amount.

Since the third case calls for a change in public policy, it was ruled out as a basis for estimate. An estimate of final demand based on the first two hypothesis were carried out under the assumption that an overall 20 percent increase in demand is possible if the expenditure was spent on goods of the different industries.

On the investment demand side, in order to facilitate full employment, the demand for capital goods had to rise by two and one half

times the 1939 level. In summary, although the overall change in final demand of 1950 estimated through either model was comparable, the individual industry demand varied significantly. Tracing up to the gross output level, it was found that the output levels for 1939 and 1950, both in 1939 dollars, are different for different industries depending upon which of the two final demand model was chosen. Agriculture and Fishing, Food processing, Testile products, Leather products would have had to produce a significant percent (35+) in excess of 1939 output if the consumption model was chosen; where as the industries producing the metal goods had to produce a significant percent (56+) in excess of 1939 output if the investment model was chosen. Since a high level of gross output dictates a high level of employment, it is quite conceivable that the employment pattern for 1950 ultimately depended upon which of the two final demand estimates was chosen. The reader is encouraged to refer to the study directly for a detailed discussion on employment patterns.

We will now very briefly mention a study by Barnett [4] which is a direct derivative of Cornfield, Evans and Hoffenberg's project. It was found in the study of Cornfield et at. that total final demand for 1950 would be 86 percent greater than that of 1939 if final demand for 1950 represented a consumption model and, 79 percent greater if final demand represented an investment model. Barnett followed three techniques for projecting 1950 industry output.

First, multiple regression method was used to calculate gross output with the following approach

Specific industry out = a + b GNP + c Time. In this relationship, there would be two sets of GNP depending upon which

final demand model is chosen.

Second, a methodology known as GNP blow-up was followed. This methodology assumed industry output in 1950 to be proportional to GNP in 1950. In other words,

$$\frac{\text{Projected industry output in 1950}}{\text{Actual industry output in 1939}} = \frac{\text{Projected GNP in 1950}}{\text{Actual GNP in 1939}}$$

Again, there were two sets of GNP arising from two different final demand patterns - consumption and investment.

Third, a method noted as final demand blow-up was used. We recall again that 1950 final demand estimates (in 1939 dollars) varied significantly from 1939 final demand, depending upon the type of final demand pattern. Generally it was mentioned that, output of metal working sectors were higher insofar as the investment model was concerned. This is quite conceivable because higher construction levels indeed require higher output from metal working sectors. In this final demand blow-up procedure, percentage change in final demand between 1939 and 1950 was calculated for both consumption and investment oriented economy. It was now proposed that if Agriculture in 1950 (1939 = 100) were to produce 52 percent over 1939 output for a consumption model and 39 percent over 1939 output for an investment model then, the change in output of this industry in 1950 will be proportional to the respective rise in final demand. This assumption is inherent in a Leontief system maintaining proportional rise on the supply side.

The fourth vector of output was not calculated but directly borrowed from Cornfield et al. This vector, we recall, was necessary to achieve full employment in 1950. This output vector may be called a full employment pattern vector. As for comparison, there were

eight output vectors, rising from two different final demand patterns. If each output was weighted by the relative share in the total 28 sectors then, the mean percent error between 1939 and 1950 suggested that multiple regression was more accurate, compared to full-employment pattern, final demand blow-up and GNP blow-up. For unweighted comparison, full employment pattern and final demand blow-up methods were better than those of multiple regression and GNP blow-ups.

Adams and Stewart [1] performed an ex post forecasting of real outputs for the years 1924, 1930, 1933, 1934 and 1935 based upon an inter-industry table of 1935 developed by Barna [3]. This table for 1935 was of size 36 x 36, however, Adams and Stewart depict forecasts only for 34 sectors. The years chosen were primarily due to the availability of gross output estimates from Census of Production. This facilitated comparison of estimated values to Census estimates. The method for obtaining the gross output vector was essentially multiplying the inverse matrix for 1935 by the estimated final demand vectors. For each of the years, there were, five categories of final demand. Four of these were: consumers' expenditure, government expenditure, export and capital formation. The fifth category was somewhat awkward to the extent that it was sum of two elements: first, it had inventory change of capital formation and, second, it contained the unallocated part of each industry's gross output. A reasonable amount of work was necessary to estimate the first four categories of final demands. As for the fifth category, an assumption was made. It was assumed that for 1924, 1930, 1933 and 1934, the proportion of change in inventory to total output was the same as

in 1935 - the base year. This implied that actual changes were ignored. Furthermore, since no split between inventory changes and unallocated input could be obtained, it was also assumed that the share for unallocated remained the same for the base year. The final demands for all the years were brought to 1935 price level. These final demands were then multiplied by the inverse of 1935 to arrive at the total output vector at constant prices (1935). The difference between total output and final demand, i.e. intermediate demand was also obtained. These gross outputs were then compared with those obtained from the census data. The comparison was not absolutely complete because the census figures were not available for each sector for each year.

Percentages depicting errors between the census (A) and input-output estimates (B) were calculated as $((B-A)/A) \times 100$. The errors were relatively higher for the years 1924, 1930 and 1933 than for the year 1934. This, the authors believe, is due to changes in technical coefficients. No error index was calculated for 1935 - the base year.

The second focus of this exercise was placed on projecting employment and imports. For employment projections, only two years were selected, 1924 and 1930. First, employment coefficients from the 1935 table were multiplied by the gross output vector to yield total employment. Secondly, it was assumed that employment moves proportional to gross output of 1924 and 1930. Comparison of both estimates to actual employment figures suggests that neither method yields satisfactory results.

Finally, competitive imports were estimated for the years 1924,

1930 and 1935. This particular section is somewhat unclear. The reason is that the authors speak of volume prediction and fail to report the particular methodology used. In addition, the authors speak of total volume imports for all sectors. It is indeed possible to calculate individual volume estimates by industry. But it would be rather difficult to consolidate individual volume estimates for each industry. However, since the comparison of estimated imports were made to an index number (1935 = 100), one can assume that first, value of import by each industry was calculated and, a volume index was then constructed. In the framework adopted here, imports were treated as negative exports. The ratio of value of import absorbed by each industry (found in the import row of [3]) to the value of total output shows direct import coefficient. Multiplication of the import coefficient row by $(I-A)^{-1}$ yields the total import content of each sector.

> "The import content of total output were calculated for 1930 and 1924 by applying these import-content coefficients for 1935 to the final demand for those years, covering all thirty-six sectors in the 1935 input-output table." [1: 453]

Comparison was next made between the index number of import requirements and an actual index (1935 = 100). Again, the exact methodology for arriving at this index number remains unclear. The comparison showed that estimates were relatively more accurate between 1924 and 1930 than between 1930 and 1935. The reason for this, the authors suggest, is because relative prices and trade policies determine import levels. During the Great Depression i.e. between 1930 and 1935, relative prices of competitive imports rose higher than between 1924 and 1930. In addition to large changes in price structure, British

trade policies were different between 1924 and 1930 than between 1930 and 1935. A concluding comment suggested by the authors is that the input-output method for estimating imports is of little use when there are extreme changes in price structure.

Sevaldson [30] tested a Norwegian input-output model based upon an input-output table of dimension 30 x 30 for 1948. Two compatible tables, for the years 1947 (in 1948 prices) and 1948 were compared. The comparison, in the main, showed little discrepancy between coefficients indicating stability of coefficients. Final demands of 1947 inflated to 1948 prices, were multiplied by the 1948 inverse to obtain the 1947 gross output vector. Among the 30 sectors compared, outputs of 23 sectors were between 95 and 105 percent of the actual figure. These results were then compared to the results obtained through two other methods. The first method necessitated estimation of gross output in each sector as the same percentage change in final demand between 1947 and 1948. In the second method, gross output in each sector was estimated as the same percentage change in intermediate demand as between 1947 and 1948. The estimate of gross output through the input-output method was better than those by the two alternative methods described above.

Finally, we will touch upon Almon's [2] document which, through regression and input-output analysis, predicted the economic activities for the American economy for 1975. It may be pointed out at the outset that, along with the commendations that Almon's work deserves, certain criticisms can be made. Firstly, certain results are not published. Second, and most important, the objectives though clearly stated are, never linked with the actual model, and therefore, only the best

understood framework related to the input-output model will be our concern here.

Almon's analysis consisted of a ninety sector input-output table of the American economy where the base year was 1963. Again, part of the results on constant dollar sales by industries are not published. The ultimate end product is an input-output table of 1975 which shows two rows for each sector. The first one depicts the fraction of sales (i,e, percent) of each industry which would have gone to the various industries in 1975 and, the second row depicts the growth rate of that particular industry.

Having discussed the ultimate findings of this study, we take a few steps back. In this study, the emphasis was first placed on what Almon calls structural forecasts. Almon maintains that structural foecasts are of a per-dollar sort, these forecasts describe the functioning of the economy given certain conditions. The conditions are:

(a) changes in consumer expenditure for per dollar of additional income.

(b) changes in capital spending required per dollar of sales expansion.

(c) changes in material requirement per dollar of sales.

(d) changes in labor requirement for a change in per dollar of sales. [2:;3-15]

In summary, the following steps were taken in the analysis to develop the sales forecasts. First, judgemental forecasts are carried out for government expenditure.

Second, a trial projection of after-tax income was picked, and consumer expenditure per person on the product of each industry for the year of the forecast was calculated. Multiplication of the pop-

ulation estimate by per person expenditure gives the final personal consumption.

Third, a trial projection of industry sales for the year of the forecast period was picked and investment, construction spending and inventory accumulation calculated.

Fourth, it should be clear that the last three steps pivot around the final demand. Here the rows of the final matrix were added to get one final demand column vector for the year of the forecast. The next step was to multiply the final demand column vector by the base year (1963) input-output matrix to arrive at an industry output vector.

Fifth, now a comparison was made between the output vector obtained from step four and that assumed necessary for the investment forecast in step three. If the discrepancy was significant then the output from step four was used to recalculate investment and again arrive at industry sales. This process was repeated until the comparison was satisfactory. Almon points out that one iteration has been sufficient to yield satisfactory results for many sectors.

Sixth, a mathematical model (other than input-output) was built to calculate total employment. This figure was compared with the employment calculated from the input-output model. If the comparison was not satisfactory then the after-tax income in step two was altered to yield a different level of consumer demand which yields different total final demand, which again yields different total output which finally gives rise to a different vector of employment. Again, Almon does not mention the kind of mathematical model used to calculate total employment.

Review of Studies On Structural Change

It was stated earlier that one of the objectives of this study was also to explore the structural changes in the Canadian economy between the two year periods: 1961 to 1966 and 1966 to 1971. Before proceeding to particular empirical studies on this premise, it is appropriate to discuss this concept. This discussion, it is believed, will help the reader understand the gists of the literature reviewed and the work of this project.

Sakai [29] discusses and distinguished between structural change and other economic changes. According to Sakai there are four forms of economic changes [29:86]:

(a) Seasonal variation

(b) Cyclical fluctuation

(c) Trend

(d) Long wave

Seasonal variation is short in duration and is believed to repeat itself. An example of this is the rise in retail sales during December. It is a phenomenon which is unlike or different than retail sales during other months of the year. The rise is not due to structural change because structural change is believed to be a fundamental change which brings significant changes in the economic system.

Cyclical fluctuation is similar to seasonal fluctuation except that the former occurs in a rhythm which is farther apart than that of the latter. This change repeats itself from time to time and some inference could be made regarding the next occurence or the length of a cycle. On the other hand, structural change does not repeat itself in a similar fashion such that it could be predicted.

If cyclical fluctuations along with the seasonal variations are observed, there appears the phenomenon of trend. Trend is a statistical curve, a slow moving function of time that disregards the seasonal and cyclical variation. It is often a curve of a polynomial of a low degree which suggests some growth over time. The question is: does this growth represent structural change? The answer is no. This phenomenon indeed has structural elements which suggest some relationship between variables and time in a national economy. This relationship is an ongoing process and, not a fundamental movement which is the case with structural change. It may not be argued that the nature of the statistical curve represented in trend is a function of structural change. However, it may be that as structural changes occur, trend is accompanied by these changes.

A long wave, as the term suggests, is the long term behaviour of business cycles representing ten, twenty or thirty years. Use of a long wave may be made to represent general economic conditions. It must not be denied that the effects of structural change are indeed captured in a long wave.

In the preceeding discussion we have established that structural change is something (a) that causes fundamental changes in an economy, (b) that does not repeat itself with some particular pattern, (c) that cannot be predicted, (d) that will leave an economy with significant changes in its structural elements.

With these points, we turn to somewhat more particular discussion. Leontief[20] was one of the first to employ input-output techniques in capturing structural change in the American economy between 1919 and 1939. Leontief's central idea is still the basic framework for many

economists exploring structural changes. The framework on structural change used in this thesis springs from Leontief's work. On structural change Leontief maintains:

> "Comparing the structure of an economic system in two stages of its historical development sufficiently removed from each other, one might easily find them to be as unlike as a butterfly and a caterpillar. Not only the relations between the separate sectors of the economy, between the various commodities and services, will have changed, but more than that, the commodities and services found in two stages might turn out to be entirely dissimilar. A quantitative comparison, a measurement of the difference between the two stages, would in such a case be out of the question. This does not mean, however, that the relation between such entirely dissimilar stages in the historical development of a particular economic system cannot be analyzed and explained. Such analysis and explanation is possible because of the fundamental continuity of the process of change itself. However different the goods and services observed at the opposite ends of a long chain of economic transformation, its successive links are necessarily intermeshed. 'New' commodities would not have been introduced at all if they could not be, and actually had not been, produced from the 'old' commodities and services, on the one hand, and if they were not put to some 'old' uses, replacing as inputs some of the previously produced goods, on the other. How many potential new products are confined to the disembodied existence of the blueprint stage because no practical way has yet been found to produce them by known methods from actually available inputs or because they cannot be directly or indirectly used in turning out some already produced and consumed commodities as services?" [20:20-21]

Carter's [5,6] work on structural change owes much to Leontief's as we shall see in our discussion. Carter maintains that if structural changes were to be studied in light of input-output analysis then structural change will have impact on input-output tables causing the coefficients to change due to substitution. [6:11]

Staglin and Wessels [31] point out that as structural change occurs, the input-output coefficients begin to change. Furthermore, the repercussion of structural change does not stop with the changes in direct

input coefficients alone, the repercussion is captured in the inverse coefficients as well. Technological change certainly triggers structural change. If change or shifts in individual direct coefficients for one sector was to be studied, it is possible to focus with a narrow interest and study the impact of technological change. However, measuring structural change may necessitate studying changes in inverse coefficients for all sectors.

Having arrived at a suitable definition of structural change, we now proceed to present summaries of a number of studies that have empirically attempted to measure structural changes. Before proceeding any further, we should recall that in this study, the objectives dealing with the structural changes in the Canadian economy investigate two aspects. Firstly, we examine the changes in input requirements of all industries between the two five-year periods: 1961 to 1966 and 1966 to 1971. Secondly, we examine the changes in gross production given an identical vector of final demand. That is to say, the 1961 inverse matrix is multiplied by the final demand of 1966 to derive a 1966 gross output vector. When this derived gross output vector is compared with actual 1966 gross output vector then, this comparison is due to changing coefficients between 1961 to 1966. A similar operation is carried out between a derived and an actual gross output vector of 1971 to compare the changes in all industries due to changing coefficients between 1966 and 1971. A final remark that should be made here is that for both aspects on structural change, all input-output tables and final demand matrices were deflated to 1961 prices to facilitate compatible comparisons.

In his classic input-output study on the structure of the American economy between 1919 and 1939, Leontief [20] measured

structural change in the economy in terms of the changes which took place in the input-output coefficients over successive time periods. All tables (1919, 1929 and 1939) were brought to 1939 prices. The easiest way to measure the change in an input coefficient between two points in time is simply to find the difference between its magnitude in the original and final period. Leontief points out that this kind of measure would be of little use in comparing the changes in two or more different coefficients because the absolute magnitude of any one of them depends upon the physical units in which the output and the input quantities are described [20:18]. To overcone this difficulty, Leontief suggests that the differences be expressed in percentage terms, with the differences divided by the mean of the two coefficient values to eliminate the possibility of dividing by zero, should the value of a coefficient be zero. In other words, the index of relative change in technical coefficients between the two years, say 1919 and 1929, can be expressed as:

$$\frac{a_{ik} - a^{*}_{ik}}{(a_{ik} + a^{*}_{ik})/2}$$

where a_{ik} is the input of the ith industry for the production of the unit output of the kth industry in 1929, and a^{*}_{ik} is a similar coefficient of 1919. Without placing much emphasis on this measure of percentage change among input coefficients, Leontief introduced another unique measure of structural change. Suppose Agriculture was an industry in his analysis. The column of direct input coefficients for the Agriculture industry would be replaced by the identical column of 1919 in the entire 1929 input coefficient matrix. This matrix was used to obtain $(I-A)^{-1}$ and the inverse was then multiplied by 1929 final demand. What does this yield? A derived gross output vector

of 1929 that would have been produced in 1929 to satisfy the final demand of 1929 if Agriculture alone was operating with 1919 structural pattern. In the next step, the columns of Ferrous metal industries were replaced with 1919 coefficients and a similar operation was carried out. This process was iterated until the whole 1919 inverse matrix (14 x 14) was multiplied by the 1929 final demand vector. A similar process took place between 1929 and 1939.

Finally, Leontief examined the derived output vector of 1919 and compared it to the actual output vector of 1919. When Agriculture, Heavy metal industries, Nonferrous metals and Nonmetallic minerals, Fuel and Power, Light industries (Textile and Lumber) and Transportation industries' 1919 input coefficients were introduced one at a time in 1929 matrix then, Agriculture would have had to respectively produce 14.6, 16.6, 14.6, 20.8 and 14.6 percent in excess of 1929 gross output to satisfy 1919 final demand vector.

As the 1919 inverse as a whole was multiplied by the 1929 final demand vector, Agriculture would have had to produce 22.1 percent in excess of 1929 gross output to satisfy 1919 final demand. It was found that the necessitated change in gross outputs in 1929 to satisfy 1939 final demand was smaller than the respective change in gross outputs if 1929 final demand was to be met in 1919.

Carter's [6] work owes much to Leontief. With Leontief's study being the central idea, Carter proceeded to explore structural changes of the American economy between 1939 and 1947, 1947 and 1958, and 1958 through 1961. The data structure for 1958 and 1961 were perfectly compatible. The 1947 table was a very detailed one, encompassing 450 sectors. For all years, there were three orders of data structure

representing 38, 76 and 98 sectors. The sturcture of data was hierarchial to the extent that the 98 order could be aggregated to the 76 order and, the 76 order to the 38 order in turn As for comparison between two particular years, orders of different size could have been considered. To facilitate homogeneous comparison between all years the 38-order classification was chosen. All tables were also brought to the 1947 price level. The use of the inverse was made to explain structural change between years. In this regard, Carter points out two very fundamental points bringing out the merit and demerit in explaining structural changes through the Leontief inverse [6:26]. First, the measure of structural change captured through the inverse matrix has advantages over direct coefficient comparison. As statistical procedure for keeping the record of flows change, the flow for the identical cell in two different years may not be compatible. In addition, industries do change their buying habits insofar as the source of the input is concerned. A comparison of inverse matrices between two years depicts direct-plus-indirect requirement changes between the two years. As for demerit, comparison through inverse coefficients indeed distorts the picture to the extent that the primary focus of change cannot be followed. Increase in direct-plus-indirect requirements of a particular good is somewhat difficult to explain because, it is almost never known which sector(s) in particular dictates this increased use.

Firstly, an attempt was made to capture the changes in intermediate demand for the years 1939, 1947 and 1958 to satisfy 1961 final demand. If we denote the matrix of intermediate inputs, gross output and final demand vectors by z, X, and y respectively then, for year t,

$$X_t = (I-A)_t^{-1} y_t \qquad (2.17)$$

$$X_t = z_t + y_t \qquad (2.18)$$

$$z_t = (I-A)_t^{-1} y_t - y_t \qquad (2.19)$$

Carter puts forward the following question: what would have been the value (in 1947 prices) of z_t for the years 1939, 1947 and 1958 if y_t was held constant for the year 1961. In other words,

$$z_t = (I-A)_t^{-1} y_{1961} - y_{1961} \qquad (2.20)$$

$$t = 1939, 1947, 1958$$

The respective values of z (in 1947 millions of dollars) for the years 1939, 1947, 1958 and 1961 were 328,288; 336,296; 336,941; and 334,160, [6:36] indicating that as time goes on, more intermediate inputs were required. The shift, as we shall see, was towards using less labour inputs.

The second question is with regard to necessary labour requirements in 1939, 1947, 1958 and 1961 to satisfy 1961 final demand. In matrix notation, if E denotes total (direct-plus-indirect) employment in an economy, e a vector of labour input per unit output. Then,

$$E = e\,(I-A)^{-1} y \qquad (2.21)$$

The total labour requirements (E) that would have been necessary in 1939, 1947 and 1958 to satisfy 1961 final demand could be expressed as follows:

$$E_t = e_t\,(I-A)_t^{-1} y_{1961} \qquad (2.22)$$

$$t = 1939, 1947, 1958$$

The comparison was made in millions of man-years. The actual figure on employment 1961 was 58 million man-year whereas, in 1939, 1947 and 1958 - 101, 86 and 63 million man-years would have been respectively

required to satisfy 1961 final demand.

The third exploration dealt with examining total capital requirements. If total capital requirement vector is k, capital coefficient vector per unit output is b then,

$$k = bX$$

$$= b\,(I-A)^{-1}\,y \qquad (2.23)$$

Continuing on the same notation form we write:

$$K_t = b_t\,(I-A)_t^{-1}\,y_{1961} \qquad (2.24)$$

$$t = 1939,\ 1947,\ 1958$$

A comparison suggests that capital requirements fell more sharply between 1947 and 1958 than between 1939 and 1947 to satisfy final demand of 1961.

The fourth inquiry was made with regard to necessary intermediate inputs in 1939, 1947 and 1958 to satisfy particular categories of final demand of 1961. There were eight categories of final demand: Household consumption, Gross private capital formation, Net inventory change, Exports, Competitive imports, State and Local government, Federal government and Ordinance.

Modification of (2.20) gives,

$$z_t^g = (I-A)_t^{-1}\,y_{1961}^g - y_{1961}^g \qquad (2.25)$$

$$t = 1939,\ 1947,\ 1958$$

$$g = 1,\ 2,\ \ldots,\ 8$$

To calculate equation (2.25), all that was required was to force all columns but the gth of the final demand matrix to be equal to zero. This would yield intermediate inputs that would have been necessary in 1939, 1947 and 1958 to satisfy particular categories of final demand in 1961. Having calculated individual intermediate input

requirements an index was constructed to reveal the relative changes. The index (I) is of the following form:

$$I = \frac{2\,|z_t^g - z_{t-1}^g|}{z_t^g + z_{t-1}^g}\ 1. \qquad (2.26)$$

$$t = 1939, 1947, 1958$$

$$g = 1, 2, \ldots, 8$$

If intermediate inputs between years remained identical then the index will be zero. In general, it was found that the change in intermediate input requirements between 1939 - 1947 and 1947 - 1958 for each category of final demand were greater for chemicals and machinery than for food and textiles group.

In addition to the inquiries listed above, Carter treated the changes in primary factor input requirements for the aforementioned years in a detailed fashion. However, the particular objective associated with this task is quite different from that of this thesis and, therefore, not addressed here.

As for particular similarities between Carter's and this project, it is perhaps the attempt to capture structural change through the use of the inverse matrices for different years. In this study, the use of 1961 and 1966 inverse matrices (or, impact matrices as referred to in this study) are made to examine the gross output levels in order to satisfy 1966 and 1971 final demand requirements respectively.

Staglin and Wessels [31] examined structural changes in the German economy between 1954 and 1958 and 1958 and 1962. Three compatible tables (56 x 56) for the Federal Republic of Germany were

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1. This formula is mentioned in [5:215] and, is somewhat different than that mentioned in [6:47].

available for the years 1954, 1958 and 1962. All input-output tables were adjusted to the 1962 price level. The central idea here is focused around two comparisons - changes in intermediate input requirements due to changes in inverse coefficients and, changes in gross output due to changes in final demand and inverse coefficients between 1954 and 1958 and 1958 and 1962. Let us denote intermediate input, gross output and final demand as z, X and y respectively. Then, it is correct to write,

$$z = (I-A)^{-1} y - y \qquad (2.27)$$

To represent structural change reflected in intermediate input requirements, Staglin and Wessels put forward the following idea:

$$z^*_{1954} = (I-A)^{-1}_{1954} y_{1962} - y_{1962} \qquad (2.28)$$

$$z^*_{1958} = (I-A)^{-1}_{1958} y_{1962} - y_{1962} \qquad (2.29)$$

and,

$$z_{1962} = (I-A)^{-1}_{1962} y_{1962} - y_{1962} \qquad (2.30)$$

Equation (2.30) is an identity and must hold. What are the implications of equations (2.28) and (2.29)? Equations (2.28) and (2.29) respectively represent those intermediate demand vectors which would have been necessary to satisfy 1962 final demand if 1954 and 1958 economic structure had prevailed in 1962. Differences between equations (2.28) and (2.30) yield the difference in intermediate demand between 1954 and 1962 due to change in inverse coefficients alone. Similarly the difference between equations (2.29) and (2.30) is the difference in intermediate demand due to change in inverse coefficients between 1958 and 1962. Equations (2.28), (2.29) and (2.30) were compared. To facilitate compatible comparison, percentage changes between the two four-year periods were calculated as:

$$\frac{z^*_{1958} - z^*_{1954}}{z^*_{1954}} \times 100 \text{ and } \frac{z^*_{1962} - z^*_{1958}}{z^*_{1958}} \times 100$$

It will be impossible to discuss the performances of all 56 sectors here. In general, it was found that for almost all sectors, intermediate inputs declined between 1954 through 1962. Agriculture, for example, showed a decline of 11.2 percent in intermediate input between 1954 to 1958 and 7.1 percent between 1958 and 1962.

The second aspect on structural changes is based upon separate differences in gross output due to final demand change and coefficient change. In other words,

$$(I-A)^{-1}_{1958}\, y_{1958} - (I-A)^{-1}_{1958}\, y_{1954}$$

represents changes in gross output due only to change in final demand. A very similar expression could be written for change in gross output due to change in final demand between 1958 and 1962. The change in gross output due to changing coefficients between 1954 and 1958 could be expressed as:

$$(I-A)^{-1}_{1958}\, y_{1954} - (I-A)^{-1}_{1954}\, y_{1954}$$

Again, a similar expression representing the change in gross output to changing coefficients exists between 1958 and 1962. Total final demand between 1954 to 1958 (in 1962 prices) had risen 37 percent. The increase in final demand caused the mean of total gross output for all sectors to rise by 36.4 percent between 1954 and 1958. It is needless to mention, that individual changes in each sector showed a great deal of variation. As for effects due to changing coefficients between 1954 and 1958 alone, the results for a majority of sectors showed a negative value, indicating that the particular sector in 1954 operating with 1958 structure could have satisfied 1954 final demand

with less than actual production in 1954. As for Agriculture, forestry, and fishing, the results show that this sector in 1958 could have satisfied 1954 final demand by producing 613 percent less than actual 1954 gross output. This particular industry in 1962 could have met 1958 final demand with 4.8 percent less than actual 1958 gross output.

Finally, we will very briefly mention a study by Vaccara [38] which investigated structural changes in the United States between 1947, 1958 and 1961. It should be made clear at the outset that, this particular study is not significantly different from that of Carter and Staglin and Wessels, already mentioned. Therefore, a detailed discussion concerning the entire methodology would be repetitious and will be omitted. This study is based upon input-output tables of order 81 x 81. All tables [1947, 1958, 1961] were brought to the 1958 price level. Vaccara examined the intermediate input requirements in 1958 to deliver 1958 final demand with 1947, 1958 and 1961 structural matrices. This could easily be performed following the basic methodology presented in (2.20) or (2.23) through (2.30). Comparison of results on intermediate input requirements between Vaccara and Carter is not possible because of different price levels (1958 and 1947). General comparison indicated that insofar as total intermediate inputs were concerned, intermediate input requirements were highest with the 1947 inverse and lowest with the 1961 inverse for delivering 1958 final demand. But what is more important is that, the directions of change in the intermediate input requirements for the two time periods, followed a consistent pattern.

Of the 36 industries that revealed positive increases between 1947 and 1958, 26 revealed positive increases between 1958 and 1961. Of the 35 industries that showed decline in requirements between 1947 and 1958, 22 again showed decline between 1958 and 1961.

Vaccara introduced another method. Intermediate inputs necessary to produce 1958 gross output based upon 1947, 1958 and 1961 direct coefficients were calculated.

In other words,

$$z_t = A_t X_{1958} \qquad (2.31)$$

$$t = 1947, 1958, 1961$$

where z, A and X are intermediate input vector, matrix of input-output coefficients and gross output respectively. The multiplication on the right-hand-side of (2.31) yields intermediate inputs required for each industry to produce the 1958 output level with 1947, 1958 and 1961 structural matrices. On average, industries showed similar pattern in changes respecting inverse and direct coefficients. However, within industries, differences were significant supporting the points stated earlier with regard to the different types of structural change that are captured through inverse coefficients as opposed to direct input coefficients.

CHAPTER III

THE RECTANGULAR INPUT-OUTPUT MODEL

Since this thesis is based upon a commodity-industy system rather than a more familiar inter-industry system, a thorough discussion of the particular rectangular model used in this study will facilitate understanding of the mathematical scheme discussed later.

Firstly, the discussion will be specific to the particular merits of a rectangular system. Secondly, the accountng framework of the system used here will be discussed. Thirdly, we will consider the general rectangular model as developed by Statistics Canada [35].

The Inter-Industry Versus Commodity-Industry System

While considering the input-output analysis the first thing that comes to mind is an inter-industry analysis. This innovation of Professor Leontief has had a tenacious period of success. Along with the recognition that input-output analysis has attained, weaknesses have been pointed out at the same time. Since the name, input-output analysis, readily triggers a thought which immediately suggests a square system, it may be emphasized that rectangular input-output systems have now been developed and are in operation. The following observations of Rosenbluth [28] bring out certain merits of a rectangular model in comparison to an inter-industry system.

Firstly, apart from the assumptions of constant return to scale and no joint products, the assumption of fixed coefficients appears to be the chief weakness of an input-output model. Although the input coefficients of an inter-industry model are supposed to represent the absorption of input per unit output, these coefficients, do not always

clearly represent this information. For example, the agriculture implement industry as its input, may absorb a certain amount of processed material from the steel industry for production of tractors. This particular input is properly accounted for by the implement industry. But, what about the parts purchased for the maintenance of the machineries required in the production process of the tractors? In most cases, we will find that this purchase may be considered as an expense but not likely as an input for the production of tractors. It will now be justified to remark that in an inter-industry analysis, the technical coefficient may not truly represent the inputs required in a production process. A commodity-industry system however, explicitly allows for this type of inputs.

Secondly, the inherent assumption of fixed coefficients holds true in a very robust manner in a commodity-industry analysis as opposed to inter-industry analysis. The reason for this is that it is commodities that are really used by industries for production of other commodities.

Thirdly, while in a square system there is explicit mention of input coefficients, emphasis has not been given on output coefficients which is a function of input coefficients.

Fourthly, a square system is usually a crude aggregated version of a rectangular system. The point here is that if the industries are aggregated according to homogeneity of the product, there will be, due to statistical difficulties, some commodities which are produced in more than one industry, irrespective of the degree of precision observed in the statistical procedure. Conversely, if industries are to be aggregated on the basis that each individual commodity is produced in only one aggregated industry then this can be achieved at a

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greater heterogeneity of industry output.

The Accounting Framework

We proceed now to the discussion of accounting framework of the input-output system of this study. Before proceeding to the specific discussion, few points must be considered. First, the accounting framework of the model used here is identical to that followed by Statistics Canada [35]. Second, the discussion on the accounting framework is directly from Statistics Canada [35] and, therefore, may be considered inappropriate. However, this discussion could only be avoided if it is assumed that the reader is perfectly familiar with the framework used by Statistics Canada. Since rectangular systems are still not common, it was felt that a very brief description of the accounting framework and the model of Statistics Canada [35] was necessary. An absolute minimum treatment of the accounting system is considered here and, a complete discussion is left to the reader.

The basic accounting system, is based upon two sets of accounts - the commodity accounts and the industry accounts. The system is rectangular because the number of commodities exceeds the number of industries. A schematic diagram of the accounting framework is given in Table 3.1. Among all the matrices associated with the commodity accounts, U, I and YI represent inputs to industries. Matrices U and I depict the values of intermediate inputs of commodities to industries for production of commodities. Primary inputs are shown in YI. Matrices U and I exclude sales and or excise taxes. On the industry accounts side, matrix V depicts the values of production of each commodity produced by each industry, valued at producers' prices. For example,

Table 3.1

	Commodities	Industries	Final Demand Categories								Total
			Personal Expenditure	Fixed Capital Formation	Inventory Withdrawals	Inventory Additions	Gross Government Current Expenditure	Export	Less Import	Less Government Revenue	
Commodities		U	F								q
Industries	V										g
Unallocated Imports & Exports Non-competing Imports		I	I*								
Indirect Taxes Labor Income Net Income Unincorporated Bus. Other Operating Surplus		YI	YF								n
Total	q*(=q)	g*(=g)	e*								

NOTE: q is a vector of the values of total commodity outputs;
g is a vector of the values of total industry outputs;
U is a matrix of the values of intermediate inputs;
V is a matrix of the values of industry outputs;
F is a matrix of the values of commodity inputs of final demand categories;
YF is a matrix of the values of primary inputs of final demand categories;
I is a matrix of the values of inputs of industries;
YI is a matrix of the values of primary inputs of industries;
e* is a vector of the values of total inputs of final demand categories;
n is a vector of the values of total primary inputs (industries plus final demand);
I* is a matrix of the values of inputs to the final demand.

Source: [35:13]

if we read across the row: Agriculture industry of the matrix V then, this row will depict the values of various commodities like Cattle and Calves, Hogs, Poultry etc. produced by this industry. Similarly, a particular column in the matrix V depicts the values of this commodity produced by each industry. All margins such as transportation, retail or wholesale are treated as separate inputs to industries. In addition to the matrices mentioned already, F, I* and YF are matrices associated with commodity accounts. Values of intermediate inputs to final demand are depicted in matrices F and I*, whereas, YF depicts the values of primary inputs to final demand. It must be clear that the value (q) of a commodity used as an intermediate input by industries plus final demand sectors must equal the value (q*) produced by the industries. Conversely, the values (g*)of commodities absorbed as inputs by an industry must equal the values of commodities (g) produced by this industry. Total supply of commodities are met through domestic production and also imports, government production and inventory withdrawals - the latter three belonging to final demand.

At this point, it might be appropriate to point out that as for final demand matrix, mostly aggregated sectors are shown in Table 3.1. In this project, there were 14 sectors of final demand:

1. Consumer expenditure, durable. 2. Consumer expenditure, semi-durable. 3. Consumer expenditure, non-durable. 4. Consumer expenditure, services. 5. Construction, business. 6. Construction, Government. 7. Machinery and equipment, business. 8. Machinery and equipment, government. 9. Net change in inventories. 10. Domestic exports. 11. Re-exports. 12. Imports. 13. Gross government current expenditure. 14. Government revenue from the sale of goods and services. Appendix

B depicts a complete disaggregation of final demand categories that constitute these 14 sub-categories.

The value of production, as opposed to shipments is considered as the output of an industry because shipments are sometimes tied to inventory withdrawals. All actual used inputs are treated as inputs only. Inputs that are not explicitly accounted for and, outputs of industries that do not have primary products are, treated in a catch-all scheme as dummy commodities and dummy industries respectively. Appendix B accounts for all dummy commodities and dummy industries.

The Output Determination Model

The discussion here is specific to the model developed by Statistics Canada [35]. Since the framework of this study is based upon this model, it is imperative that this model first be understood. It should be perfectly clear that equations (3.1) through (3.10) are cited in [35:31-32].

Assumptions of the Model

There are two basic assumptions. The first assumption is known as the domestic market share assumption which suggests that each industry produces commodities in fixed proportions. This proportion may be derived easily if each cell in the column of output matrix V is divided by the corresponding total commodity output. This first assumption can be expressed as follows:

$$g = Dq \qquad (3.1)$$

where g is a vector of the values of total industry outputs, D is a matrix of coefficients obtained by dividing each element in a column

of matrix V by the corresponding total commodity output and q is a vector of the values of total commodity outputs produced domestically. Matrix D is referred to as the Domestic Market Share Matrix.

The second assumption is known as the industry technology assumption. This assumption suggests that the inputs of a production process are fixed for each industry. These inputs are obtained by dividing each column of input matrix U by the corresponding total industry output. Mathematically,

$$Ui = Bg \qquad (3.2)$$

where i is a column vector whose elements equal unity, B is a matrix of coefficients which is obtained by dividing each element in a column of U by the corresponding total industry output and g is the vector of the values of industry outputs. Matrix B is referred to as the Industry Technology Matrix.

The equation that balances the supply and disposition of each commodity is as follows:

$$q + m + a + v = Ui + e + x \qquad (3.3)$$

where m is a vector of the values of commodity imports, a is a vector of the values of goverment production, v is a vector of the values of withdrawals from inventory and e is a vector of the values consisting of the following final demand categories:
Consumer expenditure - durable, semi-durable, non-durable, services + Construction - business, government + Machinery and equipment - government, business + Additions to inventory + Gross government current expenditure. Since Ui = Bg, (3.3) could be wirtten as:

$$q = Bg + e + x - m - a - v \qquad (3.4)$$

Substitution of (3.4) in (3.1) yields,

$$g = D\,(Bg + e + x - m - a - v)$$

$$= DBg + D\,(e + x - m - a - v)$$

$$= (I - DB)^{-1}\, D(e + x - m - a - v) \qquad (3.5)$$

equation(3.5) yields industry output without allowing for leakage - imports, inventory withdrawals and government production of goods and services. Since supply and disposition must always be equal and since domestic supply ay also be met through imports, inventory withdrawals and government production, these leakages ought to be taken in to consideration in (3.5). Equations (3.6) through (3.8) describe leakage coefficients

$$m = \mu(Bg + e) \qquad (3.6)$$

where m, as before, is the import vector, is a diagonal coefficient matrix calculated as a ratio of imports to use, use defined as Bg + e.

$$v = \beta(Bg + e + x) \qquad (3.7)$$

v is a vector of withdrawals from inventories, is a diagonal matrix of coefficients calculated as the ratio of withdrawals to use, use defined as Bg + e + x.

$$a = \alpha(Bg + e + x) \qquad (3.8)$$

where a is a vector of government production of goods and services, is a diagonal matrix of coefficients calculated as the ratio of government production to use, use defined as Bg + e + x.

Substitution of (3.6), (3.7) and (3.8) in (3.4) gives,

$$q = (Bg + e + x) - \mu(bg + e) - \alpha(Bg + e + x) - \beta(Bg + e + x)$$

$$= (I - \mu - \alpha - \beta)\, Bg + (I - \mu - \alpha - \beta)\, e + (I - \alpha - \beta)\, x \qquad (3.9)$$

where I is an identity matrix complying with the dimensions of the coefficient matrices. Substitution of (3.9) in (3.1) gives,

$$g = D(I - \mu - \alpha - \beta)\, Bg + D((I - \mu - \alpha - \beta)\, e + (I - \alpha - \beta)x)$$

$$= (I - D(I - \mu - \alpha - \beta)B)^{-1} D((I - \mu - \alpha - \beta)\, e + (I - \alpha - \beta)x) \qquad (3.10)$$

where $(I - D(I - \mu - \alpha - \beta)B)^{-1}D$ defines an Impact matrix and the remaining part in (3.9) defines final demand adjusted for leakages. The impact matrix is rectangular with industries down the rows and commodities across the columns. The impact matrix displays the impact of each dollar increase in final demand of a commodity upon industry output. If two commodities, for example, are produced by one industry alone, then the impact coefficients of these two comcomdities remain the same on all industries. This point arises from the treatment of the D matrix.

For completness, we point out that $(I - D(I - \mu - \alpha - \beta)B)^{-1}$ represents a Leontief inverse. This matrix will indeed depict the interdependence between industries, and it should be recognized that this particular matrix is a common feature between the classical and the rectangular model. Multiplication of this matrix by the D matrix (Market Share) brings out the interdependence between industries and commodities. Every column of a Leontief inverse depicts the necessitated change in output of every industry due to a rise in final demand in a particular industry by one dollar. On the other hand, each column of an impact matrix of the rectangular model depicts the necessitated change in output of every industrydue to a rise in final demand of a commodity by one dollar. The sum of a column of the impact matrix, therefore, is the final demand multiplier associated with the particular commodity.

Distinction Between the Keynesian and the Input-Output Multiplier

Finally, it should be pointed out that the final demand multiplier and the Keynesian investment multiplier are complementary [16:22]. Consider a simple Keynesian model:

$$Y = C + I \tag{3.11}$$

$$C = aY \tag{3.12}$$

Where C is aggregated consumption expenditure, Y is aggregate income, I is aggregated domestic private investment and a is the marginal propensity to consume. Substitution of (3.12) in (3.11) gives,

$$Y = aY + I \tag{3.13}$$

The investment multiplier is the change in income divided by the change in investment. In other words, the multiplier is [37:12]:

$$\frac{\partial Y}{\partial I} = \frac{1}{(1-a)} \tag{3.14}$$

The multiplier represents the effect on income due to increased expenditure. The larger the marginal propensity to consume, the larger will be the multiplier. Furthermore, the multiplier is nothing but the sum of the following power series:

$$1 + a + a^2 + a^3 + \ldots$$

As income rises, there will be a corresponding rise (measured by the marginal propensity to consume) in consumption. This consumption spending will stimulate production which will cause a further rise in income and so on. This process stops until a new equilibrium is reached where planned saving equals planned investment.

In the input-output model, the multiplier represents the once for all increase in gross output due to a one dollar rise in final demand. Furthermore, in an open input-output model, as is the

case here, both labour income and final demand expenditure sectors are exogenous and hence the effect of a change in final demand expenditure upon the labour income sector is not given by the multiplier [16:22].

CHAPTER IV

THE METHODOLOGY

In Chapter III we discussed the general output determination model which acts as the basis for the particular framework of this thesis. It was also mentioned that the impact matrix will play an important role in this thesis. With the general rectangular model in mind, we proceed to discuss the framework and the methodology. It was mentioned in Chapter I that, the objective of this thesis is threefold. The first objective is that of forecasting industry outputs for 1980 based upon the structural or impact matrix of 1971. Secondly, the change in input requirements, both intermediate and primary, between 1961 to 1966 and 1966 to 1971 are explored. Thirdly, the effects upon industry output vector g due to changing coefficients in impact matrices between 1961 to 1966 and 1966 to 1971 are captured. The general output determination model is used throughout to arrive at the particular framework of this thesis. The methodology used in this study is described below.

(a) Forecasting Industry Outputs for 1980

Assumptions

There are three assumptions necessary here to forecast industry outputs. First, it is assumed that the impact matrix of 1971 will remain stable in 1980. Second, since it was necessary to forecast final demand first in order to forecast gross output vector, the forecasted vector of final demand for 1980 is assumed to be realized. Third, all leakage coefficients for 1971 are assumed to remain stable through 1980.

Mathematically the industry output vector can be expressed as:

$$g^*_{1980} = I_{1971}\ FD^*_{1980} \qquad (4.1)$$

where g^*_{1980} is the forecasted vector of industry output in 1980 based upon the impact matrix of 1971, I_{1971} is the impact matrix of 1971 and FD^*_{1980} is the forecasted vector of 1980 final demand adjusted for leakages with 1971 coefficients. The symbols I and FD have merely been used to avoid long expressions as in (3.10). There are two projected output vectors for 1980. The first is due to an estimated 1980 final demand based upon final demand of 1961, 1966 and 1971. The second is due to an estimated final demand of 1980 based upon final demand of 1966 and 1971. In order to arrive at the final demand for 1980 the following steps are taken.

First, the final demand vector for 1980 is projected based upon extrapolation, where final demand between 1971 and 1980 is assumed to grow at a rate which equals the average of percentage changes between 1961 to 1966 and 1966 to 1971. The following method is adopted to forecast the final demand for 1980.

$$FD^*_{1980} = FD_{1971}\left[1 + 9\left[\frac{\frac{FD_{1966} - FD_{1961}}{FD_{1961}} \div 5 + \frac{FD_{1971} - FD_{1966}}{FD_{1966}} \div 5}{2}\right]\right] \qquad (4.2)$$

where FD^*_{1980} is an estimate of final demand vector of 1980 with 1971 leakage coefficients. The reason for using 1971 leakage coefficients will be discussed below. The vectors FD_{1961}, FD_{1966} and FD_{1971}, as before, denote final demand for the years 1961, 1966 and 1971. Equation (4.2) considers the simplest index of change in final demand calculated as the difference between two points. The final demand

for 1980 is assumed to grow at a constant rate. This assumption of linearity enables us to multiply the average growth rate by the number of years and arrive at the projected value. More expicitly, it is assumed that the average annual growth between 1961 to 1966 and 1966 to 1971 will indeed remain constant until 1980.

Second, the final demand for 1980 is projected on the basis of final demand of 1966 and 1971. Mathematically this procedure takes the following form:

$$FD^*_{1980} = FD_{1971}\left[1 + 9\left[\frac{FD_{1971} - FD_{1966}}{FD_{1966}} \div 5\right]\right] \qquad (4.3)$$

where FD^*_{1980} is the projected vector of final demand for 1980 with 1971 leakage coefficients. This projection is based upon the annual percentage change in final demand which existed between 1966 and 1971. The only difference that separates the two procedures is that, in (4.2) the average annual growth in final demand between two five year periods is considered, where as, (4.3) is specific to the average annual growth in final demand in a single five year period. Linearity assumptions are maintained in both situations.

Third, each estimate of final demand is substituted in (4.1), to obtain two different gross output vectors (g^*_{1980}) for 1980. These forecasts are based upon the 1971 impact matrix. The impact matrix of 1971 represents the economic structure of that year and, therefore, for the forecasts to be realized it is important that the economic structure of the Canadian economy in 1980 does not differ significantly from 1971.

As for projecting final demand, the method adopted here under-

estimates the projection because of the linearity assumption. An alternate method to estimate FD^*_{1980} as in (4.2) and (4.3) would respectively be,

$$FD^*_{1980} = FD_{1971}\left[1 + \left[\frac{\frac{FD_{1966} - FD_{1961}}{FD_{1961}} \div 5 + \frac{FD_{1971} - FD_{1966}}{FD_{1966}} \div 5}{2}\right]\right]^9 \tag{4.4}$$

and,

$$FD^*_{1980} = FD_{1971}\left[1 + \left(\frac{FD_{1971} - FD_{1966}}{FD_{1966}} \div 5\right)\right]^9 \tag{4.5}$$

Equation (4.4) still calls for an average annual growth rate between 1961 to 1966 and 1966 to 1971, and equation (4.5) is based upon an average annual growth between 1966 and 1971. The main point in (4.4) and (4.5) is that we are speaking of an increase which is no longer taking place at a constant rate but, at a compounded rate. In addition, equations (4.2) and (4.3) will give rise to estimates of final demand vectors lower than those obtained from (4.4) and (4.5). However, projections based upon (4.4) and (4.5) were not calculated.

As for calculating FD^*_{1980}, identical elements in the columns of final demand matrices for respective years were treated to find percentage change between years. It was mentioned that each projected vector of final demand was adjusted by 1971 leakage coefficients for imports, inventory withdrawals and government production. We recall that to calculate leakage coefficients from (3.6), (3.7) and (3.8) as a share of total use, use is defined as $Bg + e$ and $Bg + e + x$. Now suppose we wish to project leakage coefficients due to imports, there remain two unknowns - the coefficient matrix B and the output

vector g. As for the vector g, it is this particular vector that we wish to forecast. Insofar as projecting matrix B is concerned, we need the vector g to calculate this matrix. One solution might be to calculate import leakage coefficients based upon B and g both for 1971. But would this calculation be theoretically correct? The answer is no, because we would calculate import leakage coefficients for 1980 based upon the use of commodities of 1971. It is true that projected final demand for 1980 with 1971 leakage coefficients introduces some bias. However, it is assumed that all leakage coefficients will remain stable.

A final remark is that all matrices, as depicted in Table 3.1, for the years 1966 and 1971 were deflated to 1961 price level. A common base year price level allows us to compare each industry's output in 1961, 1966, 1971 and 1980. In Chapter V, a complete discussion on the deflation of the matrices is considered.

(b) The change in input structure.

It was explained that B is a matrix of coefficients which is calculated from the matrix U, which is a matrix of intermediate commodity inputs required by industries for production of other commodities. Now consider the matrices U, I and YI (from Table 3.1) which include both intermediate and primary inputs. Let us consider a matrix U* which is a matrix that considers all inputs depicted in U, I and YI. In other words, U* is no longer augmented. The first set of rows in U* depict all intermediate commodity inputs, the second set depicts the inputs of Unallocated Imports and Exports and Non-Competitive Imports and, the third set of rows depict all primary inputs. All inputs here are absorbed by industries which extend

across the columns. Now can be measure the changes in input structure between 1961 to 1966 and 1966 to 1971? The answer is yes, if such changes are calculated for a common base year price level. To calculate the changes in input structure, the following steps were taken.

First, a matrix of coefficients B* was calculated from matrix U* based upon the same procedure as B. In other words, each element in a column of U* was divided by the corresponding industry input which also equals output. It is needless to say, this was carried out for all three years - 1961, 1966 and 1971.

Second, an index of relative change was calculated based upon the following formulae:

$$\frac{B_{ij}^{*1966} - B_{ij}^{*1961}}{B_{ij}^{*1961}} \times 100 \text{ and } \frac{B_{ij}^{*1971} - B_{ij}^{*1966}}{B_{ij}^{*1966}} \times 100.$$

The first expression denotes the change in inputs between 1961 and 1966 and, the second expression denotes the change in inputs between 1966 and 1971. The above formulae give rise to two matrices depicting percentage change in inputs between two five year periods: 1961-1966 and 1966-1971. These matrices have commodities and primary inputs down the rows and industries across the columns.

(c) Impact of structural change

Thus far we have discussed the first two aspects of the thesis. We shall consider the third aspect here. The main thrust here lies in examining the effect of changing impact matrix coefficients upon gross output. Two identical questions are raised with regards to structural changes between 1961 to 1966 and 1966 to 1971. Firstly,

we ask the following question: what would have been the individual industry output in 1966 if final demand of 1966 had to be satisfied with 1961 impact matrix? Secondly, we examine the industry output vector in 1971 if final demand of 1971 had to be satisfied with 1966 impact matrix. If impact coefficients had changed between 1961 and 1966 then, the actual output vector in 1966 will be different from the output vector produced with the 1961 impact matrix to satisfy 1966 final demand if all computations are carried out in a common price level. As mentioned, this particular change in output, due to change in the impact matrix, is a measure of structural change between 1961 and 1966. If 1971 final demand is held constant, structural change between 1966 and 1971 can be measured in a similar manner. To capture the impact of structural change between 1961 and 1966, the following procedure was employed.

First, all matrices for 1966 were deflated to 1961 price level. The output vector for 1966 was calculated as follows:

$$g_{1966} = I_{1966} FD_{1966} \qquad (4.6)$$

where g_{1966}, I_{1966} and FD_{1966} is the industry output vector, impact matrix and final demand matrix respectively in 1961 dollars.

Second, the impact matrix of 1961 was multiplied by the final demand vector of 1966 to yield a gross output vector for 1966.

$$g^*_{1966} = I_{1961} FD_{1966} \qquad (4.7)$$

where g^*_{1966} is the output vector which would have been produced in 1961 with the 1961 impact matrix I_{1961}. The output vector g is denoted by a star (*) to distinguish from the actual output vector in 1966.

Third, an index to measure structural change between 1961 and 1966 is calculated as follows:

$$\frac{g^*_{1966} - g_{1966}}{g_{1966}} \times 100$$

It should be clear that the numerator of this expression stems from the following equation:

$$g^*_{1966} - g_{1966} = (I_{1961} - I_{1966})\, FD_{1966} \qquad (4.8)$$

where the left hand side will equal zero if the inpact coefficients for each year are equal.

In addition to deflating all 1971 matrices to 1961 prices, structural changes between 1966 and 1971 are measured through the following steps.

First, the output vector for 1971 in 1961 prices is calculated as follows:

$$g_{1971} = I_{1971}\, FD_{1971} \qquad (4.9)$$

Second, an output vector which would have been produced in 1971 with 1966 economic structure to satisfy 1971 final demand was calculated through equation (4.10).

$$g^*_{1971} = I_{1966}\, FD_{1971} \qquad (4.10)$$

Third, an index was calculated to measure structural change between 1966 and 1971 using the following expression:

$$\frac{g^*_{1971} - g_{1971}}{g_{1971}} \times 100$$

It is needless to mention, if the impact coefficients between 1966 and 1977 are equal, then the numerator of the above expression is zero.

CHAPTER V

THE DATA STRUCTURE

The thesis, as has been mentioned, consists of three aggregated input-output tables which (though aggregated) represent the entire Canadian economy for the years - 1961, 1966 and 1971 with the main focus being agricultural industries and commodities. The discussion will first be concerned with the U and V matrices. The final demand matrix will be discussed later. Statistics Canada, at the most detailed level, prepares input-output tables with 191 industries, 595 commodities and 7 primary inputs. The U matrix, at the most detailed level, has 191 industries and 593 commodities excluding unallocated imports and exports, and noncompeting imports. Similarly, the V matrix, at the most detailed level, has 191 industries and 593 commodities. This level of aggregation is referred to as Large or L [35:33-47]. Due to data confidentiality under the provisions of Statistics Act, matrices at this level are not published. Publications are made available by Statistics Canada at different levels of aggregation known as M or Medium and S or Small [35]. The U and V matrices at the Medium level (M) have 43 industries and 92 commodities. At the Small level (S), these matrices (U and V) represent 49 commodities and 16 industries. The 7 primary inputs at the Large level are aggregated (4) for Medium and Small levels. The levels of aggregation are hierarchial. The Medium aggregation can be derived from the Large level and the Small from the Medium level. Due to this hierarchial level of aggregation, full information is depicted in an input-output table at any level of aggregation.

The data contained herein includes 35 industries, 134 commodities and 4 primary inputs aggregated from 191 industries, 595 commodities and 7 primary inputs respectively. This particular level of aggregation is not published. This aggregation level differs from the published levels in that here the aggregation is carried with an emphasis on the Agricultural sectors - for both industries and commodities.

The author claims no credit in the aggregation procedure for the data were made available by Agriculture Canada. It should be pointed out however, that firstly it was the author's responsibility to trace through each commodity and industry in the analysis and distinguish among aggregated and non-aggregated commodities and industries. Secondly, care was taken to ensure that the total of all disaggregated commodities (including primary inputs) and industries are 602 and 191 respectively. Thirdly, it was verified that no double aggregation occurred either for a commodity or an industry. These steps were carried out by recognizing the fact that most aggregated commodities and industries correspond to the Small level of aggregation (S) of Statistics Canada [35].

The final demand matrix shows inputs of 134 commodities and 4 aggregated primary inputs for 14 aggregated categories of final demand. The 14 categories, discussed in Chapter III, are aggregated from 136 categories. A complete list of commodities and industries used in this study is cited in Appendix B.

Reorganization of the data base

An extensive amount of work was necessary to reorganize the data base before it could be put to use in the analysis. The original data

base had commodities in an ad hoc manner. In other words, the ordering of commodities following one another was not homogeneous. For example, Forestry Products, Fishing and Trapping products were followed by Metallic Ores and Concentrates. Although such an ordering of com-comdities does not hide any necessary information represented in a matrix, a homogeneous ordering is more convenient when dealing with numerous commodities of different groupings which is the case here. The same argument holds true for industries. It was necessary to renumber each sector and reorganize the matrices according to a homogeneous arrangements of both commodities and industries.

Deflation Procedure

It was mentioned earlier that all tables for 1966 and 1971 were deflated to the 1961 price level. This facilitates compatible comparison of empirical results. In order to deflate 1966 and 1971 tables to 1961 price level, 138 appropriate commodity price indices were collected. These indices are cited Appendix C. Due to unavailability of a particular price index, the same price index has been used for one or more commodities. For example, the index for Animals was used to deflate Cattle and Claves, Other live animals, Sheep and Lambs, and Hogs.

For commodities, there is one to one correspondence between the columns of the V matrix, rows of the U matrix and the rows of the final demand matrix. In other words, if Hogs is the third column in the V matrix, then it is also the third row of the final demand matrix and the third row in the U matrix. Similarly for primary inputs, there is a correspondence in the rows of the inputs to industries and the

and the rows of the inputs of final demand matrix. Therefore, it is correct to deflate the ith column of the V matrix, the ith row of the U matrix and the ith row of the final demand matrix by the ith price index. To deflate the primary inputs, a similar operation is necessary for the identical rows of YI and YF matrices of Table 3.1. To deflate a typical element U_{ij}^{1966} in the U matrix of 1966 to the 1961 price level, U_{ij}^{1966} ought to be multiplied by Pi^{1961}/Pi^{1966}; where Pi^{1961} and Pi^{1966} respectively represent the price index (1961 = 100) of commodity input i of 1961 and 1966. Similarly, to express the identical element for 1971 could be deflated as:

$$U_{ij}^{1971} \frac{Pi^{1961}}{Pi^{1971}}$$

where Pi^{1971} is the price index (1961 = 100) of commodity input i of 1971. The same argument holds true for deflating the V and the final demand matrices. Again, as for deflating the V matrix, each column represents a commodity and could be deflated column by column. It may be noted that if each row, of the matrix V, is deflated by an industry price index, this procedure introduces significant bias since this implies deflating the values of commodities across a row by a composite index - i.e. the index number of that industry which produces these commodities. For example, deflating the Agriculture industry row would imply using one index number for deflating both livestock and field crops. On the commodity side, however, distinction between index numbers are kept as livestock and field crops are deflated by different sets of index number.

Calculation procedure of leakage coefficients

For accounting purpose, imports, government production and inventory withdrawals are treated with negative signs. However, to calculate these leakage coefficients each value of leakages is treated with a positive sign. The reason for this is obvious, each coefficient ought to represent the ration of each leakage to its total use.

Dimension of Matrices

U, B	: 132 x 35
V, D	: 35 x 132
U*, B*	: 138 x 35
μ, α, β	: 132 x 132
Impact	: 35 x 132

CHAPTER VI

RESULTS AND DISCUSSION

Validation of the Model

A number of validity checks were made with the general output determination model presented in equation (3.10) to ensure that the data used and the computer algorithm are correct. Such tests were necessary prior to forecasting industry output, calculating industry outputs for examining structural change and computing changes in the input structure matrix.

First, each element in the row of the industry output matrix V was added to obtain the value of total industry output (g). It was now necessary to see that the value of each industry output always equals the value of the corresponding industry input (g*). Each element in the column of the industry input matrices U, I and YI were added to obtain total industry input. In each case, total industry output always equals total industry input for 1961, 1966 and 1971, ensuring that the calculated coefficient matrix B is correct. This particular test was performed in current dollar matrices. The results are shown in Table A of Appendix A.

Second, balances on the values of commodity inputs and outputs (in current dollars) were also checked. Each element in the column of matrix V was added to obtain total commodity output. On the input side, each element in the row of the industry input matrices U, I and Yi plus the final demand matrix F was added to obtain total commodity input. This check, at first, did not balance. Commodity input was less than the corresponding commodity output. After a

number of checks, one particular column of the final demand matrix - Consumer expenditure, non-durable; was found to be wrong. This particular column accounts mainly for commodities of food and feed origin. Data for this particular column were made available by the Input-Output Division of Statistics Canada. After correcting for this error, commodity inputs in some cases were not identically equal to commodity outputs. The discrepancies were very small and were accepted.

Third, all matrices were deflated to the 1961 price level. Each industry output was calculated by summing each row of the output matrix V. These values are cited in Table B of Appendix A. Each impact matrix was now multiplied by the adjusted final demand vector to obtain gross output. The values were then compared to the values obtained from the output matrix V. These values, although they should be equal, were not, as we shall see later. It is believed that the discrepancy is due to the error in the final demand matrix. For all sectors, the discrepancies were very small, it was therefore assumed that the empirical results obtained for the analysis would not contain any significant bias.

Impact Matrix

Impact matrices for the years 1961, 1966 and 1971 were calculated in 1961 dollars. These matrices are cited in Tables 31 through 87 in Appendix A. The impact matrix discussion will be specific to 1971 only. If Tables 69 through 81 are read across the rows then the necessitated change in output for each industry due to increase in final demand for all commodities by one dollar can be found. On the

other hand, if Tables 69 through 81 are read down the columns then the necessitated change in output for all industries due to a one dollar increase in final demand for a particular commodity can be found. It can be seen from Table 69 that for each dollar increase in final demand for Cattle and Calves, Sheep and Lambs, and Hogs, the Agriculture industry would have had to increase its output by $1.075 (1961 dollars). The reason that the impact coefficients for each of the commodities is numerically the same is due to the fact only the Agriculture industry produces each of these commodities. This particular result was expected and was mentioned as we discussed the mathematical framework of the impact matrix. An interesting point to note is that the impact coefficient for Poultry is $1.0749. The reason for this is, besides the Agriculture industry, Poultry processors also produce a small amount of Poultry in the system. This can be seen by studying the impact coefficient of Cattle and Calves, Sheep and Lambs, and Hogs for the fourth industry: Poultry processors. For each dollar increase in final demand of these aforementioned commodities, Poultry processors would have had to increase production by $0.0003 respectively. But the impact coefficient found in the intersection of Poultry processors and Poultry if $0.0005. The impact coefficients capture both - direct and indirect requirements necessary to meet the final demand. For example, the impact coefficient 0.0003 for Poultry processors due to Cattle and Calves, Sheep and Lambs, and Hogs is indeed an indirect coefficient because Poultry processors do not produce these commodities. However, the fact remains that for each million dollar increase in final

demand of each of these commodities, there had to be an increase in the production of Poultry processors by $300.

Similarly, it is found that in 1971, for one dollar increase in final demand of Poultry - Fresh, frozen, chilled; and Poultry - canned, there had to be respective increases of $0.8413 and $1.0351 in gross output of Poultry processors. A similar argument holds true for all other coefficients in the impact matrix for any year.

A rather strong point for a commodity - industry system should now be brought to light. In this system, impact of a single commodity upon all industries can be quickly traced. If one was to concentrate on impact of commodities in an economy, a commodity - industry system, will indeed, be a better choice as opposed to a square system.

Multiplier Effect

It was mentioned that each coefficient in a column in an impact matrix depicts the necessitated change in gross output due to increase in final demand of a particular commodity by one dollar. It was further mentioned that if all impact coefficients of a particular column are added, the sum would indicate the total amount which would be necessary for the economy to produce for a rise in final demand of the particular commodity by one dollar. Multipliers for 1971 for all 132 commodities are depicted in Table C of Appendix A. It can be seen that the multiplier for Cattle and Calves, Sheep and Lambs, Other live animals and Hogs is 1.7755. In other words, for every dollar increase in final demand in each of these commodities, the gross output of the entire economy must rise by $1.77. Among agricultural commodities, the difference in multipliers among

processed and unprocessed commodities can be seen from this table. For example, the multiplier for processed fluid milk is 2.5854, whereas, the multiplier for unprocessed milk is 1.7755. The difference is due to the indirect requirements of all processed commodities. Furthermore, most processed agricultural commodities yield a higher multiplier compared to manufactured goods belonging to chemical or manufacturing sector.

One last point should be made clear before proceeding to the next discussion. The multiplier for Rice, unmilled; appears to be zero. This is true because apart from wild rice no other rice is produced in Canada. As for wild rice, this variable is treated as a miscellaneous input to processors. As for Rice, unmilled; this commodity should ideally be treated as a non-competing import. However, it is claimed by the Input-Output Division of Statistics Canada that the amount of rice used as an input is so small that treating it as a competing commodity does not introduce any serious bias in the impact matrix.

Forecasting

There are two gross output vectors for 1980 - both in 1961 dollars. The forecast values in 1961 dollars are depicted in Table D of Appendix A. To compare the forecast values in relation to the past performance an index of annual percentage change in output is presented in Table E of Appendix A. This was done to see how each industry will be performing between 1971 and 1980 relative to the performance between 1961 and 1971. The percentage change between 1961 and 1971 and between 1971 and 1980 has been calculated on the

same principle which has been followed so far. That is, the difference between the final value and the initial value is divided by the initial value. Bearing in mind that the percentage change per year between 1961 to 1971 is over a 10 year period as opposed to 9 years between 1971 to 1980, let us examine Table E. Let us refer to the forecasts based upon 1966 and 1971 final demand as first set of forecast or forecast 1, and that based upon 1961, 1966 and 1971 final demand as the second set of forecasts or forecast 2. Agriculture, on the basis of forecast 1, has a higher value than forecast 2. This indicates that the average growth rate of final demand between 1961 to 1966 raises the overall average growth rate of final demand over the two five-year periods,causing the projected final demand to rise correspondingly. This, in turn, raises the value of the industry output. It will be difficult, at this point, to claim which of the two forecasts is more realistic i.e. will come closer to the actual value. However, if we focus our attention upon column 1 and column 2 of Table E of Appendix A, remarkable similarities in performance over the former and the later decade for certain industries can be seen. Some of these industries are: Slaughtering and meat processors, Poultry processors, Fish products industry, Fruit and Vegetable processors and Biscuit manufacturers. However, it might be wrong to assume that statistically the projected values for these industries will lie within a narrower confidence interval as opposed to those which show lesser resemblance in performance between 1961 to 1971 and 1971 to 1980. The point to note is the similarities in performance r certain industries between the two decades. A particular industry forecast should now be discussed. Sugar refineries show a

percentage change in output of 49.9 and 28 percent between 1971 to 1980, but between 1961 to 1971 it depicts a change of merely 2.38 percent. It was suspected this could be due to data errors and effort was made to trace through this particular industry. However, the forecast values were found to be correct. It is believed that the high forecast values could be due to the fact that Sugar refineries have a higher indirect requirement coefficient generated by various commodities. Now if the Sugar refineries row in the impact matrix of 1971 is examined closely then it can be seen that indirect coefficients for Sugar refineries are much higher for certain commodities, compared to another industry which is also not aggregated. An error in the calculation procedure for projecting final demand would effect all industries and hence this ground was rejected.

It will be difficult to comment on the projected values of Fishing, hunting and trapping, Mines, quarries and oil wells, Manufacturing except food, Electric power, gas and other utiltities and all other aggregated industries. It may be that if the output of one or more industries within the cluster turns out to be wrong then it will affect the aggregated industry output.

Change in input structure

All computations were carried out in 1961 dollars. Tables 1 through 15 in Appendix A depict the change in input structure between 1961 and 1966. Tables 16 through 30 depict the change in input structure between 1966 and 1971. To get an average change per year in a particular input the value in the table has to be divided by 5.

From Table 1 it is found that Agriculture, as its input, used

1.81 percent more of Cattle and Calves. At the same time, Agriculture decreased its input of Poultry, Wheat unmilled, Barley, oats, rye, corn and other grain, Oil seeds, nuts and kernels by 38.39, 25.01, 23.87 and 30.13 percent respectively. Input of Feed of animal origin (Table 2) increased by 141.32 percent. Input of Petroleum and coal products decreased by 18.79 percent, whereas that of Chemical and chemical products increased by 28.75 percent.

These changes depict the changes in input structure of various industries due to structural shifts. It is somewhat difficult to point out the particular reasons for each of these changes. Insofar as the objective of this study is concerned, it is the change itself that is of interest and not the cause of the change. To use Table 1 through 30 in an intelligent manner, a particular industry may be studied between the two five-year periods for changes in input structure. Labour income, for example, declined by 37.75 percent (Table 3) between 1961 and 1966, whereas the same input declined by 19.27 percent (Table 18) between 1966 and 1971. Indirect taxes fell by 113.68 percent (Table 3) between 1961 and 1966 and 197.64 percent (Table 18) between 1966 and 1971 for the Agriculture industry.

Comparison of input structure could be more useful if changes in another five year period, say 1971 - 1976 were available. This would enable us to follow the pattern of change over time.

It is beyond the scope of this chapter to accommodate discussion of every non-zero element of Table 1 through 30.

Structural change

Table F in Appendix A depicts industry output of 1966 and an

output vector that would have been produced in 1966 with 1961 impact matrix to meet final demand of 1966. Similarly Table G depicts the actual industry output and an output vector which would have been produced in 1971 with 1966 impact matrix to meet final demand of 1971. All values are in 1961 prices. Before proceeding any further, a point should be clarified here. It was mentioned earlier that the values (1961 dollars) of industry output obtained by summing each row of the V matrix was compared to those obtained from the multiplication of the impact matrix and the final demand vector. It was also mentioned that these values were not identically equal. The industry output (obtained from the V matrix) for Agriculture depicted in Table B (Appendix A) is $4,065,613,000. However, the output (obtained from multiplication of the impact matrix and the final demand vector) for Agriculture in Table F is $4,064,800,000. As mentioned, the discrepancy is small and is believed to be due to the final demand matrix. However, for comparison of the actual 1966 output to the 1966 output with 1961 structure, the actual output obtained from the multiplication of the 1966 impact matrix by the 1966 demand vector is used. It can be seen from Table F that Agriculture would have had to produce 2.02 percent in excess of 1966 output if final deliveries of 1966 were to be met with 1961 impact matrix. But between 1966 and 1971, Agriculture in 1971 with 1966 impact matrix could have satisfied 1971 final demand by producing 4.05 percent less actual 1971 production. Two points should be clear. Firstly, changes in output here are due to changes in impact coefficients alone. Secondly, both direct and indirect coefficients are confounded in the

analysis. If all industries are examined closely through results in Tables F and G then identical similarities are not found between the two five-year periods. Agriculture is an example of this. Forestry, on the other hand, would have to produce 20.46 and 18.33 percent in excess of 1966 and 1971 output respectively to meet 1966 and 1971 final demand with 1961 and 1966 impact matrix. Slaughtering and meat processing would have had to produce 8.01 percent in excess of 1966 output to meet final demand of 1966 with 1961 impact matrix. The same industry could have met the bill of goods of 1971 with 4.3 percent less production if 1966 structure had prevailed in 1971.

Poultry processors and Dairy factories show the same sign over both periods. As impact coefficients have changed over time the changes have affected each industry differently. Furthermore, changes in impact coefficients are due to direct and indirect requirements. Suppose Poultry processors slowly raise their share of Poultry production. As the amount of poultry required by the Miscellaneous food industries change, necessitated changes in output will be mostly captured by Agriculture and Poultry processors. But because of the increased share in Poultry processors of poultry production, the impact upon this industry would now be different. Among all 35 industries compared, Bakeries, Confectionery manufacturers, Sugar refineries, Vegetable oil mills and Miscellaneous food industries show consistent patterns of change. The first three industries would have had to produce 2.97, 2.97 and 1.05 percent in excess of 1966 output to meet 1966 final demand with 1961 impact matrix, and 0.55, 2.60 and 6.72 percent in excess of 1971 output to meet 1971 final demand with 1966

impact matrix. The last two industries on the other hand, could have met 1966 final demand with 1.48 and 4.22 percent less 1966 production if 1961 structure had prevailed in 1966. Both these industries could have satisfied 1971 final demand with 15.34 and 0.06 percent less 1971 production if impact matrix of 1966 was adopted in 1971. As for all other industries, the unpatterned behaviour between the two periods is indeed disconcerting. However, this particular pattern perhaps supports the point stated earlier with regard to measurement of structural change through inverse coefficients. It is never known whether it is direct or indirect coefficients that cause a particular change in pattern from one sector to another.

LIMITATIONS

One limitation is due to leakage coefficients of 1971 used in forecasting gross output of 1980.

Secondly, a discrepancy was found in the final demand matrix and this has introduced some bias. It is only hoped that the errors in the analysis due to this data problem, are of small magnitude. It may be pointed out that detecting errors from a matrix of dimension 138 x 14 is indeed a difficult task.

Third, and by far the strongest is that on the industry side, Agriculture is one completely aggregated sector. This aggregation distorts the impact matrix as well. Impact of various grains for example, remains the same. This particular limitation places a severe constraint on meaningful interpretation of the direct impact coefficients due to primary products of the Agriculture industry.

CONCLUSIONS

Firstly, impact matrices were discussed and calculated in 1961 prices. As mentioned, each column in these matrices depicts direct and indirect requirement of an industry due to a one dollar rise in final demand of a commodity. In Chapter III the correspondence between a Leontief inverse and an impact matrix was briefly mentioned. As the name suggests, this matrix displays the impact of a particular commodity upon an industry or industries.

From the commodity multipliers obtained from the column sum of the impact matrix, we saw the necessitated change in the entire economy due to each dollar increase in final demand for particular commodity. For commodity analysts, these multipliers could be regarded as an important source of information as repercussions of a particular commodity upon the economy is studied. At the same time, it may be pointed out that for commodities produced by only one industry, the empirical results for the multipliers are somewhat disconcerting. As mentioned, this particular characteristic stems from the market share assumption of the model. A clear distinction between processed and unprocessed commodities can be seen from the values of the multipliers. The reason that the values for the processed commodities are higher than that of unprocessed commodities is due to the indirect requirements necessary for the former group of commodities.

Industry outputs were projected for 1980 based upon two sets of forecasts of final demand for 1980. As in any other *ex ante* forecasting experiments, particular comments with regard to the forecast values

are difficult to make. This is true to the extent that it is never known whether or not the particular forecast values will be realized. Therefore, percentage changes in real output were calculated between 1961 to 1971 and 1971 to 1980. The comparison suggests that similarities in performance between the two periods indeed exist for certain industries. As mentioned earlier, the similarities are easier to compare for a nonaggregated industry as opposed to a highly aggregated one. The reason for this is obvious. As one of the industries within the aggregated industry starts to behave differently then the entire forecast is distorted. It is certainly true that the higher the relative share of the industry within the aggregated industry, the higher the vulnerability of the forecast value.

Changes in input structure were examined between 1961 to 1966 and 1966 to 1971. Two important observations stem from these results. Firstly, the number of non-zero elements remains fairly constant between industries for the two periods. This indicates that 'new' inputs have not been tried. This suggests two things - either the accounting practice for keeping record of flows has not changed, or industries have, in general, maintained a consistent pattern of inputs between the two periods. Secondly, within the industry, sign of non-zero elements have either changed or the value itself has increased or decreased. Proliferation of new products dictates the method of use of other products. As time goes on, it is conceivable that input of a variable which declined from 1961 to 1966, increased in the 1966 - 1971 period because 'new' products required the use of this particular input. This would cause the signs of the input index

to change. Furthermore, as structural shifts occur, the proportion of inputs no longer remains constant.

Finally, structural changes were explored through the gross output vector produced with each different year's structural matrix. If no change in structure had taken place then the value of the output vector produced with each different structural matrix would be the same if the final demand matrix was held constant. However, it was found that when the 1966 final demand vector remained fixed, the output (in 1961 prices) produced with the 1966 impact matrix is significantly different from the output that would have been produced with 1961 impact matrix. In other words, each industry, in 1966, would have to produce a level of output different from actual 1966 output to satisfy 1966 final demand if 1961 structure had prevailed in 1966. Similar results were found as the 1966 impact matrix was used for production of 1971 gross output to meet 1971 final demand. However, as for individual industries, many behaved differently between the two periods. An industry, which would have had to produce in excess of 1966 output if 1966 final deliveries were to be met with 1961 structure, could have met 1971 final demand with less than actual production if output was to be produced with 1966 pattern. Among all 35 industries compared, a group of 5 industries showed consistent pattern between 1961 - 1966 and 1966 - 1971 period. These were: Bakeries, Confectionery manufacturers, Sugar refineries, Vegetable oil mills and Miscellaneous food industries. It is difficult to point out the particular reason for similar pattern among these industries. It is believed that these industries are somewhat homogeneous and the pattern

is interrelated. In addition, if indirect requirements were known then a more definite observation could be made. If indirect requirements show the same pattern between two periods for an industry, then it is indeed true that input requirements are consistent for a given vector of final demand. This, in turn, implies that more or less (depending on the pattern of indirect requirements) inputs are required, over time, to satisfy an identical vector of final demand.

The particular methodology employed here should serve as one of the first attempts with regard to forecasting and examining structural changes in the Canadian economy through a relatively 'new' rectangular input-output model. As mentioned, the study does have certain limitations. These limitations, it is hoped, can be overcome and other models developed based upon the framework presented here.

RECOMMENDATIONS FOR FUTURE RESEARCH

A few suggestions could be made with regard to future research. Firstly, if time series data were available for the final demand sector then a single equation econometric model may be built wherein each sector of final demand would be endogenous. For example, consumer expenditure sectors could be explained through past spending pattern and income. An *ex post* prediction could be made to see the stability of the model. If the model performs well then gross output could be forecasted for a future period.

Secondly, a methodology may be developed whereby the leakage coefficients for the base year could be projected for the year of the forecast.

Thirdly, structural change may be examined in light of indirect

inputs as opposed to gross output. A number of studies have been discussed in this regard.

Fourthly, structural change may be examined through indirect inputs for a particular sector of final demand. In other words, actual indirect requirements due to a particular sector of final demand may be compared to a hypothetical vector of indirect requirements for a given year.

REFERENCES

1. Adams, A.A., and Stewart, I.G. "Input-Output Analysis: An Application." Economic Journal. September, 1956. pp. 442-454.

2. Almon, Clopper Jr. The American Economy to 1975, An Interindustry Forecast. Harper & Row, Publishers. New York. 1966

3. Barna, Tibor. "The Interdependence of the British Economy." Journal of the Royal Statistical Society. Vol. CXV (Series A). Pt. I, 1952. pp. 29 - 81.

4. Barnett, Harold J. "Specific Industry Output Projections." in Conference on Research in Income and Wealth (ed.), Long-Range Economic Projection. Princeton University Press. 1954.

5. Carter, A.P. "Changes in the Structure of The American Economy, 1947 to 1958 and 1962." The Review of Economics and Statistics. May, 1967. pp. 209 - 224.

6. Carter, A.P. Structural Change in the American Economy. Harvard University Press. Massachusetts. 1970.

7. Christ, Carl F. A review of Input-Output Analysis. in Conference on Research in Income and Wealth (ed.). Input-Output Analysis: An Appraisal. Princeton University Press. Princeton. 1955.

8. Cornfield,Jerome; Evans, W.Duane; and Hoffenberg, Marvin. "Full Employment Patterns, 1950: Part 1 and Part 2." Monthly Labor Review. February and March 1947, pp. 163 - 190; 420 - 432.

9. Dorfman, Robert; Samuelson, Paul A.; and Solow, Robert M. "The Statistical Leontief System." Chapters 9 and 10, in Linear Programming and Economic Analysis. McGraw Hill Book Company, Inc. New York. 1958.

10. Elliott-Jones, M.F. Input-Output Analysis: A Nontechnical Description. The Conference Board, Inc. New York.

11. Evans, W. Duane and Hoffenberg, Marvin. "The Interindustry Relations Study for 1947." The Review of Economics and Statistics. May, 1952. pp. 97 - 142.

12. Gigantes, T. "The representation of technology in input-output system." in A.P. Carter and A. Brody (eds.), Contributions to Input-Output Analysis. North Holland Publishing Co. Amsterdam. 1970.

13. Hatanaka, Michio. The Workability - of Input-Output Analysis. Ludwigshafen am Rhein: Fachverlag Fur Wirtschaftstheorie und Okonometrie. 1960.

14. Hawkins, D. and Simon, H.A. "Note: Some Conditions of Macro-economics Stability." Econometrica. July, 1948. pp. 245 - 248

15. Heady, Earl O. and Candler, Wilfred. Linear Programming Methods. The Iowa State College Press. Ames, Iowa. 1958.

16. Josling, J.T. and Trant, G.I. "An Empirical Study of Interdependence among Agricultural and Other Sectors of the Canadian Economy: An Input-Output Model." Agricultural Economics Research Council of Canada. June, 1966.

17. Josling, T. "Interdependence in the Canadian Economy: The Case of Wheat Exports." Canadian Journal of Agricultural Economics. Vol. XV, No. 1. 1967. pp 44 - 52.

18. Leontief, Wassily W. The Structure of American Economy, 1919 - 1939. Oxford University Press. New York. 1951.

19. Leontief, Wassily W. "Some Basic Problems of Structural Analysis." The Review of Economics and Statistics. February, 1952. pp. 1 - 9.

20. Leontief, Wassily W. "Structural Change." in Wassily W. Leontief et al., Studies in the Structure of the American Economy. Oxford University Press. New York. 1953.

21. Leontief, Wassily W. "Some Basic Problems of Empirical Input-Output Analysis." in Conference on Research in Income and Wealth (ed.) Input-Output Analysis: An Appraisal. Princeton University Press. Princeton. 1955.

22. Leontief, Wassily W. Input-Output Economics. Oxford University Press. New York. 1966.

23. Leontief, Wassily W. "An Alternative to Aggregation in Input-Output Analysis and National Accounts." The Review of Economics and Statistics. August 1967. pp. 412 - 419.

24. Leontief, Wassily W. "The Dynamic Inverse." in A.P. Carter and A. Brody (ed.), Contributions to Input-Output Analysis. Vol. 2. North Holland Publishing Co. Amsterdam. 1970.

25. Matuszewski, T. "Partly disaggregated rectangular input-output models and their use for the purposes of a large corporation." in A.P. Carter and A. Brody (eds.), Input-Output Techniques. North Holland Publishing Company. Amsterdam. 1972.

26. Miernyk, William H. The Elements of Input-Output Analysis. Random House. New York. 1965.

27. Nicolaou, C.A. "Notes on Input-Output Analysis." Unpublished Manuscript. University of Manitoba. Winnipeg.

28. Rosenbluth, G. "Input-Output Analysis: A Critique." Statistiche Hefte. (9), 1968. pp. 255 - 268.

29. Sakai, Shozaburo. The Theory of Structural Change of National Economy. The Science Council of Japan, Division of Economics & Commerce. Economic Series No. 12. Tokyo. March, 1956.

30. Sevaldson, Per. "National Experience: Norway." in Tibor Barna (ed.). The Structural Interdependence of the Economy. Proceeding of an International Conference on Input-Output Analysis, 27 June - 10 July, 1954. John Wiley and Sons, Inc., New York. 1954.

31. Staglin, Reiner and Wessels, Hans. "Intertemporal analysis of structural change in the German economy." in A.P. Carter and A. Brody (eds.), Input-Output Techniques. North Holland Publishing Co. Amsterdam. 1972.

32. Statistics Canada. "The Input-Output Structure of the Canadian Economy, 1961." Vol. I, Catalogue 15 - 501. The Queen's Printer. Ottawa. August, 1969.

33. Statistics Canada. "The Input-Output Structure of the Canadian Economy, 1961." Vol. II, Catalogue 15 - 502. The Queen's Printer. Ottawa. October, 1969.

34. Statistics Canada. "National Income and Expenditure Accounts." Vol. III, Catalogue 13 - 549E. The Queen's Printer. Ottawa. September, 1975.

35. Statistics Canada. "The Input-Output Structure of the Canadian Economy 1961 - 71." Catalogue. 13 - 506E. The Queen's Printer. Ottawa, March, 1977.

36. Stone, Richard. Input-Output and National Accounts. The Organization of European Economic Co-operation. Paris. 1961.

37. Tilanus, C.B. Input-Output Experiments: The Netherlands, 1948 - 1961. Rotterdam University Press. Rotterdam. 1966.

38. Vaccara, Beatrice N. "Changes over time in input-output coefficients for the United States." in A.P. Carter and A. Brody (eds.), Contributions to Input-Output Analysis. Vol. 2. North Holland Publishing Co. Amsterdam. 1970.

39. Waugh, F.V. "Inversion of the Leontief Matrix by Power Series." Econometrica. April, 1950. pp. 152 - 154.

40. Yan, Chiou-Shuang. Introduction to Input-Output Economics. Holdt, Rinehardt and Winston. New York. 1967.

41. Yeh, M.H. and Lin, Leon. "Technological Change -n the Livestock Industry: An Input-Output Approach. Canadian Journal of Agricultural Economics. July, 1969. pp. 63 - 84.

APPENDIX A

The following tables are included in this appendix:

Current dollar industry outputs are depicted in Table A.

Constant dollar industry outputs are depicted in Table B.

Commodity multipliers are depicted in Table C.

Forecasts of industry output for 1980 are depicted in Table D.

Percentage change in output between 1961 and 1971, and 1971 and 1980 is depicted in Table E.

Actual and hypothetical output vectors of 1966 and 1971 are respectively depicted in Table F and Table G.

In addition to the tables mentioned above, Tables 1 through 15 depict changes in input structure between 1961 and 1966.

Tables 16 through 30 depict changes in input structure between 1966 and 1971.

Tables 31 through 49, 50 through 68 and 69 through 87 depict impact matrices for the years 1961, 1966 and 1971 respectively in 1961 prices.

Table A

Total Industry Output in Current Dollars ($'000)

Industry	1961	1966	1971
1. Agriculture	2,843,825	4,736,694	4,923,733
2. Forestry	808,369	1,089,626	1,255,392
3. Slaughtering & Meat Processors	1,140,479	1,646,036	2,150,686
4. Poultry Processors	141,144	233,899	300,484
5. Dairy Factories	916,654	1,193,555	1,519,900
6. Fish Products Industry	187,558	310,593	400,905
7. Fruit & Veg. Processors	335,419	487,595	597,122
8. Feed Manufacturers	302,498	489.077	630,607
9. Flour & Breakfact Cereal Ind.	263,033	317,237	309,483
10. Biscuit Manufacturers	88,693	107,563	140,919
11. Bakeries	372,888	468,380	525,143
12. Confectionery Manufacturers	142,631	201,360	250,501
13. Sugar Refineries	131,961	143,724	224,652
14. Vegetable Oil Mills	63,884	102,214	137,844
15. Misc. Food Ind.	441,284	625,534	880,736
16. Soft Drinks Manufacturers	175,387	260,236	411,341
17. Distillers	176,760	275,672	401,688
18. Breweries	258,200	324,600	446,798
19. Wineries	18,545	27,941	58,695
20. Leaf Tobacco Processing	103,709	130,827	163,434
21. Tobacco Prod. Manufacturers	231,283	291,897	406,503
22. Fish'g, Hunt'g & Trapp'g	123,588	192,890	219,830
23. Mines, Quarries & Oil Wells	2,238,367	3,428,166	5,115,317
24. Manufacturing Except Food	19,188,208	31,803,648	43,316,096
25. Communications	1,099,196	1,709,509	2,776,822
26. Transp. & Storage	3,506,551	5,050,769	7,846,319
27. Elec. Power, Gas, Other Utilities	1,032,755	1,479,476	2,456,458
28. Wholesale Trade	2,529,464	4,134,676	5,941,969
29. Retail Trade	4,318,067	6,051,486	8,309,825
30. Fin., Ins., Real Estate	6,785,173	9,800,846	15,893,876
31. Community Bus., Personal Serv.	4,256,169	6,478,385	11,148,373
32. Transp. Margins	1,688,437	2,265,128	3,518,892
33. Construction	7,084,173	11,247,995	15,993,612
34. Oper. Office, Lab. & Food	2,598,963	4,529,755	6,557,807
35. Travel & Adver'g Promotion	1,409,287	2,264,929	3,389,875

Table B

Industry Output in 1961 Prices

Industry	1961	1966	1971	Growth 1961-1966	Growth per Annum	Growth 1966-1971	Growth per Annum
Agriculture	2,843,825	4,065,613	4,189,718	43.0	8.60	3.1	0.61
Forestry	808,369	980,025	1,009,225	21.2	4.25	3.0	0.99
Slaughtering and Meat Processors	1,140,479	1,444,369	1,576,207	26.6	5.33	9.1	1.82
Poultry Processors	141,144	174,297	226,371	23.5	4.70	29.9	9.95
Dairy Factories	916.654	1.059,591	1,162,102	15.5	3.12	9.7	3.22
Fish Products Industry	187,558	279,290	322,738	48.9	9.78	15.6	5.18
Fruit and Vegetable Processors	335,419	443,741	485,383	32.3	6.45	9.4	1.87
Feed Manufacturers	302,498	439,870	545,014	45.4	9.08	23.9	4.78
Flour and Breakfast Cereal Industry	263,033	285,307	252,236	8.4	1.70	-11.6	-2.31
Biscuit Manufacturers	88,693	96,574	110,126	8.9	1.77	14.0	2.80
Bakeries	372,888	421,139	422,790	12.9	2.58	0.4	.08
Confectionery Manufacturers	142,631	181,759	202,933	27.4	5.50	11.7	2.32
Sugar Refineries	131,961	154,570	163,388	17.1	3.43	5.7	1.14
Vegetable Oil Mills	63,884	94,182	115,966	47.4	9.48	23.1	4.62
Miscellaneous Food Industry	441,284	564,687	716,229	28.0	5.60	26.8	5.36
Soft Drinks Manufacturers	175,387	229,794	293,869	31.0	6.20	27.9	5.57
Distillers	176,760	248,001	323,432	40.3	8.06	30.4	6.08
Breweries	258,200	314,329	398,108	21.7	4.34	26.7	5.33
Wineries	18,545	28,629	54,653	54.4	10.87	90.9	18.18
Leaf Tobacco Processing	103,709	111,852	140,509	7.9	1.57	25.6	5.12
Tobacco Product Manufacturers	231,283	272,326	308,629	17.7	3.55	13.3	2.66
Fishing, Hunting and Trapping	123,588	173,470	176,979	40.4	8.07	2.0	0.40
Mines, Quarries and Oil Wells	2,238,367	3,064,858	4,093,022	36.9	7.38	33.5	6.70
Manufacturing Except Food	19,188,208	29,533,552	35,759,296	53.9	10.78	21.1	4.21
Communications	1,099,196	1,744,890	2,997,907	58.7	11.74	71.8	14.36

(Continued)

Table B (Continued)

Industry	1961	1966	1971	Growth 1961-1966	Growth per Annum	Growth 1966-1971	Growth per Annum
Transportation and Storage	3,506,551	4,706,415	6.045,215	34.2	6.84	28.4	5.68
Electric Power, Gas, and Other Utiltities	1,032,755	1,420,627	2,051,032	37.6	7.51	44.4	8.87
Wholesale Trade	2,529,464	3,699,422	4,778,575	46.3	9.25	29.2	5.83
Retail Trade	4,318,067	5,409,535	6,646,155	25.3	5.05	22.9	4.57
Finance, Insurance, Real Estate	6,785,173	8,908,525	12,030,619	31.3	6.25	35.0	7.01
Community Business, Personal Services	4,256,169	5,921,084	8,885,658	39.1	7.82	50.1	10.01
Construction	7,084,173	9,509,671	12,176,286	25.5	5.10	28.0	5.60
Operations Office, Lab and Food	2,598,963	4,044,423	5,280,037	55.6	11.12	30.6	6.11
Travel and Advertising Promotion	1,409,287	2,134,711	2,333,017	51.5	10.30	9.3	1.85
AVERAGE				31.85	6.37	23.8	4.76

Table C

Multipliers for 1971

(in 1961 dollars)

Cattle and Calves	1.7755
Sheep and Lambs	1.7755
Hogs	1.7755
Poultry	1.7755
Poultry, fresh, frozen, chilled	2.5039
Poultry,canned	2.6453
Other live animals	1.7755
Beef, Veal, Mutton, Pork-fresh & frozen	2.5331
Horse meat fresh, chilled, frozen	2.0432
Meat, cured	2.7237
Meat, prepared, cooked not canned	2.7235
Meat, prepared, canned	2.6092
Animal Oils and Fats and Lard	2.7179
Margarine, Shortening & like products	2.2228
Sausage casings, natural and synthethic	2.3841
Primary tankage	2.6453
Milk, whole, fluid, processed	2.5854
Milk, whole, fluid, unprocessed	1.7755
Fresh Cream	2.5853
Butter	2.5798
Cheese, Cheddar & Processed	2.5865
Milk Evaporated	2.5854
Ice Cream	2.5270
Other Dairy products	2.5808
Rice unmilled	0.0
Wheat,unmilled	1.7756
Barley, Oats, Rye, Corn, Grain Not elsewhere specified (NES)	1.7761
Wheat flour	2.3542
Fruits, fresh, except tropical	1.7764
Vegetables, fresh	1.7772
Vegetable, fresh, frozen, dried & Preserved	2.1063
Vegetables & Preparations, canned	2.1022
Fruits, Berries, dried, crystalized	2.1111
Fruits & Preparations, canned	2.1258
Eggs in the shell	1.7770

Table C (Continued)

Nuts, edible, not shelled	1.7797
Seeds except Oil & Seed grades	1.7755
Oil seeds, Nuts & Kernels	1.7758
Nuts, Kernels & Seed prepared	1.9136
Meal & Flour of other cereals & Vegetables	2.1055
Breakfast cereal products	2.2870
Biscuits	2.0535
Bread & Rolls	2.0679
Other baking products	2.0569
Cocoa & Chocolate	1.9003
Chocolate confectionery	1.8956
Other confectionery	1.9387
Sugar	1.3716
Molasses, Sugar, Refinery products	1.6754
Oilseed, Meal & Cake	1.9839
Maple sugar & Syrup	1.9141
Prepared cake & similar mixes	2.0656
Beet pulp	1.3716
Soups, dried & Soup mixes & bases	1.9949
Coffee, roasted, ground, prepared	1.9551
Tea	1.9756
Potato chips & similar products	1.9756
Miscellaneous food NES	2.0432
Soft-drink concentrates & syrup	2.1390
Carbonated beverage, Soft-drinks	2.1496
Soups, canned	2.1054
Pickles, Relishes, other sauces	2.1061
Vinegar	2.1062
Other food preparations	2.1801
Fish products	1.9548
Mustard, Mayonnaise	2.3460
Honeys & Beeswax	1.8628
Malt, Malt flour & Wheat starch	1.9776
Alcoholic beverages, distilled	1.7846
Alcohol, natural ethyl	1.7837
Brewers' & Distillers' grains	1.7913
Ale, Beer, Stout & Porter	1.7193
Wines	1.7455
Tobacco processed, unmanufactured	2.6169
Cigarettes	2.3286

Table C (Continued)

Tobacco, manufactured except cigarettes	2.3229
Tobacco raw	1.7755
Vegetable oils & fats, crude	1.9839
Feeds of animal origin NES	2.7017
Primary or concentrated feeds	2.3802
Feeds for commercial livestock	2.3826
Feed, grain origin NES	2.2912
Feed of vegetable origin NES	2.3806
Pet feeds	2.3914
Infant & junior foods, canned	2.0624
Hops including lupulin	1.7755
Hay forage & straw	1.9040
Hides & skins, raw NES	2.4673
Mink skins, ranch & undressed	1.7755
Wool in grease	1.7755
Services incidental to Agriculture & Forestry	1.7715
Forestry products	1.8404
Fishing & trapping products	1.4313
Textile products	1.8722
Knitted products & clothing	1.8743
Lumber, sawmill, other wood products	1.8742
Furniture & fixtures	1.8727
Paper & paper products	1.8743
Printing & Publishing	1.8740
Metallic ores & concentrates	1.6325
Minerals, Fuels	1.6143
Non-metallic minerals	1.6242
Services incidental to Mining	1.6140
Primary metal products	1.8745
Metal fabricated products	1.8738
Non-metallic minerals & products	1.8732
Petroleum & Coal products	1.8682
Chemicals, chemical products	1.8718
Nitrogen function compounds NES	1.8809
Autos, Trucks, other transportation equipment	1.8733
Transportation & storage	1.6216
Electrical & Communications products	1.8540
Communication services	1.2614
Other utilities	1.2902
Miscellaneous manufactured products	1.8656

Table C (Continued)

Non-residential construction	1.8083
Repair, construction	1.8083
Rubber, Leather, Plastic products	1.8732
Wholesale margin	1.5848
Retail margin	1.4943
Other finance, Insurance & Real Estate	1.4073
Business services	1.5650
Personal & other miscellaneous services	1.5599
Transportation margin	2.4225
Operating supplies - Office, Lab & Food	2.2513
Travel, Advertisement & Promotion	2.5272
Imputed rent, owner occupied dwellings	1.3959
Machinery & Equipment	1.8731
Residential construction	1.8083
Nursery stock & related Material	1.7755
Animal material for Drugs & perfume	2.6938
Custom work, meat & food	2.3155

Table D

1980 Output in 1961 Dollars ($'000)

Industry	Based Upon 1966, 1971 Final Demand	Based Upon 1961, 1966, 1971 Final Demand
Agriculture	6,510,106	6,983,790
Forestry	2,060,153	2,680,738
Slaughtering and Meat Processors	2,093,332	2,746,484
Poulty Processors	348,136	343,905
Dairy Factories	1,697,226	1,698,947
Fish Products Industry	539,051	556,364
Fruit and Vegetable Processors	665,481	814,183
Feed Manufacturers	835,042	907,711
Flour and Breakfast Cereal Industry	223,082	266,713
Biscuit Manufacturers	141,258	157,154
Bakeries	500,228	549,206
Confectionery Manufacturers	550,010	495,533
Sugar Refineries	897,244	575,006
Vegetable Oil Mills	180,646	215,446
Misc. Food Industry	1,180,328	1,144,991
Soft Drinks Manufacturers	449,034	473,397
Distillers	504,263	539,033
Breweries	611,895	594,327
Wineries	134,350	134,170
Leaf Tobacco Processing	198,650	247,583
Tobacco Product Manufacturers	394,015	578,682
Fish'g, Hunt'g and Trapp'g	248,933	284,141
Mines, Quarries, and Oil Wells	8,641,966	9,616,304
Manufacturing Except Food	76,011,072	100,292,911
Communications	6,750,219	6,694,200
Transportation and Storage	10,909,673	11,820,914
Electrical Power, Gas, Other Utilities	3,942,140	4,091,661
Wholesale Trade	9,492,407	10,187,711
Retail Trade	11,223,159	10,824,016
Finance, Insurance, Real Estate	21,548,504	21,131,613
Community Business, Personal Service	21,771,308	19,771,749
Transportation Margins	5,403,114	5,663,282
Construction	19,675,073	20,495,953
Operating Office, Lab and Food	10,338,917	11,529,888
Travel and Advertising Promotion	4,452,659	5,047,823

Table E

Percentage Change in Output (Per Annum)

Industry	Percentage Change Between 1961 to 1971	Percentage Change Between 1971 to 1980[a]	Percentage Change Between 1971 to 1980[b]
Agriculture	4.73	6.15	7.41
Forestry	2.48	11.57	18.40
Slaughtering & Meat Processors	3.82	3.64	8.25
Poultry Processors	6.03	5.97	5.77
Dairy Factories	2.67	5.12	5.13
Fish Products Industry	7.20	7.44	8.04
Fruit & Vegetable Processors	4.47	4.12	7.52
Feed Manufacturers	8.01	5.91	7.39
Flour and Breakfact Cereal Industry	-0.41	-1.28	0.60
Biscuit Manufacturers	3.65	3.14	4.75
Bakeries	1.33	2.03	3.33
Confectionery Mfgrs.	4.23	19.0	16.02
Sugar Refineries	2.38	49.9	28.0
Vegetable Oil Mills	8.15	6.19	9.53
Misc. Food Ind.	6.23	7.2	6.65
Soft Drink Mfgrs.	6.75	5.87	6.78
Distillers	8.29	6.21	7.41
Breweries	5.42	5.97	5.47
Wineries	19.47	16.2	16.16
Leaf Tobacco Processing	3.55	4.59	8.46
Tobacco Prod. Mfgrs.	3.34	3.07	9.72
Fish'g, Hunt'g & Trapp'g	4.32	4.51	6.73
Mines, Quarries & Oil Wells	8.28	12.34	15.0
Manufacturing Except Food	8.63	12.50	20.05
Communications	17.27	13.91	13.69

(Continued)

Table E (Continued)

Industry	Percentage Change Between 1961 to 1971	Percentage Change Between 1971 to 1980[a]	Percentage Change Between 1971 to 1980[b]
Transp. & Storage	7.24	8.94	10.62
Elec. Power, Gas, Other Utilities	9.86	10.24	11.05
Wholesale Trade	8.89	10.96	12.57
Retail Trade	5.39	7.65	6.98
Fin, Ins, Real Estate	7.73	8.79	8.41
Community Bus, Personal Service	10.87	16.11	13.61
Transp. Margins	6.78	10.07	12.27
Construction	7.18	6.84	7.59
Oper. Office, Lab & Food	10.31	10.64	13.15
Travel & Adver'g Promotion	6.55	10.09	12.92

[a]The output for 1980 is based upon 1966 and 1971 final demand.

[b]The output for 1980 is based upon 1961, 1966 and 1971 final demand.

Table F

1966 Output: Actual and with 1966 Impact Matrix

Industry	1966 Output* (actual) (1)	1966 Output* with 1961 Impact Matrix (2)	Percentage Change $[\frac{2-1}{1} \times 100]$ (3)
	.....($'000).....		
1. Agriculture	4,064,800	4,147,146	+2.02
2. Forestry	979,927	1,180,422	+20.46
3. Slaughtering & Meat Processors	1,444,221	1,559,984	+8.01
4. Poultry Processors	174,289	170,003	-2.46
5. Dairy Factories	1,059,209	1,020,935	-3.61
6. Fish Products Industry	279,280	275,917	-1.20
7. Fruit & Veg. Processors	443,595	451,736	+1.83
8. Feed Manufacturers	439,751	447,837	+1.83
9. Flour & Breakfast Cereal Ind.	285,214	318,373	+11.62
10. Bisc. Manufacturers	96,572	110,772	+14.70
11. Bakeries	421,133	433,652	+2.97
12. Confectionery Manufacturers	181,674	187,082	+2.97
13. Sugar Refineries	154,479	156,099	+1.05
14. Vegetable Oil Mills	94,143	92,749	-1.48
15. Misc. Food Ind.	560,938	537,238	-4.22
16. Soft Drinks Manufacturers	229,589	230,680	+0.47
17. Distillers	247,947	245,110	-1.14
18. Breweries	314,319	314,199	-0.04
19. Wineries	28,566	28,351	-0.75
20. Leaf Tobacco Processing	111,852	118,542	+6.0
21. Tobacco Prod. Manufacturers	272,326	272,218	-0.04
22. Fish'g, Hunt'g & Trapp'g	165,033	179,515	+0.77
23. Mines, Quarries, & Oil Wells	3,064,662	3,191,527	+4.14
24. Manufacturing Except Food	29,530,372	29,043,227	-1.65
25. Communications	1,744,740	1,625,212	-6.85
26. Transp. & Storage	4,705,830	4,833,739	+2.72
27. Elec. Power, Gas, Other Utilities	1,420,541	1,421,121	+0.04
28. Wholesale Trade	3,698,995	3,686,558	-0.33
29. Retail Trade	5,409,372	5,436,086	+0.50
30. Fin., Ins., Real Estate	8,908,192	8,982,380	+0.83

(Continued)

Table F (Continued)

Industry	1966 Output* (actual) (1)	1966 Output* with 1961 Impact Matrix (2)	Percentage Change $[\frac{2-1}{1} \times 100]$ (3)
	.....($'000).....		
31. Community Bus., Personal Serv.	5,920,723	5,807,131	-1.92
32. Transp. Margins	2,022,179	2,276,787	+12.60
33. Construction	9,509,553	9,774,762	+2.78
34. Oper. Office, Lab, & Food	4,043,970	3,761,067	-7.0
35. Travel & Adver'g Promotion	2,134,153	2,004,790	-6.06

*In 1961 dollars.

Table G

1971 Output: Actual and with 1966 Impact Matrix

Industry	1971 Output* (actual) (1)	1971 Output* with 1966 Impact Matrix (2)	Percentage Change $[\frac{2-1}{1} \times 100]$ (3)
	.....($'000).....		
1. Agriculture	4,138,584	3,970,603	-4.05
2. Forestry	1,008,115	1,192,980	+18.33
3. Slaughtering & Meat Processors	1,561,792	1,494,657	-4.3
4. Poultry Processors	226,214	197,882	-12.52
5. Dairy Factories	1,160,495	1,145,003	-1.33
6. Fish Products Industry	322,195	326,142	+1.20
7. Fruit & Veg. Processors	484,837	488,200	+0.69
8. Feed Manufacturers	489,911	424,322	-13.38
9. Flour & Breakfast Cereal Ind.	181,304	198,983	+9.75
10. Bisc. Manufacturers	110,104	105,473	-4.20
11. Bakeries	422,670	424,985	+0.55
12. Confectionery Manufacturers	202,845	208,131	+2.60
13. Sugar Refineries	162,231	173,136	+6.72
14. Vegetable Oil Mills	112,086	94,882	-15.34
15. Misc. Food Ind.	683,304	682,850	-0.06
16. Soft Drinks Manufacturers	293,764	287,338	-2.18
17. Distillers	323,056	319,069	-1.23
18. Breweries	397,938	397,991	+0.01
19. Wineries	54,640	54,087	-1.01
20. Leaf Tobacco Processing	140,492	132,771	-5.49
21. Tobacco Prod. Manufacturers	308,624	310,649	+0.65
22. Fish'g, Hunt'g & Trapp'g	166,289	173,240	+4.18
23. Mines, Quarries & Oil Wells	4,090,234	4,136,322	+1,12
24. Manufacturing Except Food	35,724,052	38,066,853	+6.55
25. Communications	2,994,163	2,683,747	-10.36
26. Transp. & Storage	6,025,575	6,172,293	+2.43
27. Elec. Power, Gas, Other Utilities	2,048,817	1,979,209	-3.39
28. Wholesale Trade	4,769,005	4,943,574	+3.66
29. Retail Trade	6,643,448	6,879,992	+3.56
30. Fin., Ins., Real Estate	12,024,940	12,045,309	+0.17

(Continued)

Table G (Continued)

Industry	1971 Output* (actual) (1)	1971 Output* with 1966 Impact Matrix (2)	Percentage Change $[\frac{2-1}{1} \times 100]$ (3)
	.....($'000).....		
31. Community Bus., Personal Serv.	8,878,601	8,286,444	-6.67
32. Transp. Margins	2,821,779	2,736,079	-3.03
33. Construction	12,173,677	12,219,529	+0.37
34. Oper. Office, Lab & Food	5,268,179	5,366,986	+1.87
35. Travel & Adver'g Promotion	2,323,794	2,754,690	+18.54

*In 1961 dollars.

Table 1

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY							
	AGRICULTURE	FORESTRY	SLAUGHTERING & MEAT PROCESSORS	POULTRY PROCESSORS	DAIRY FACTORIES	FISH PRODUCTS INDUSTRY	FRUIT & VEG. PROCESSORS	
CATTLE AND CALVES	1.8194	0.0	3.0200	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	-55.0.64	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	-7.6537	0.0	0.0	0.0	0.0	3
POULTRY	-38.9297	0.0	44.5489	40.3284	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	0.0	-63.5435	0.0	0.0	-25.1715	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	-33.6924	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	0.0	0.0	-0.8924	144.2657	0.0	0.0	6.2738	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	-11.4760	0.0	0.0	0.0	-35.4615	11
MEAT PREPARED CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	0.0	0.0	5.4604	0.0	0.0	0.0	145.1099	13
MARGARINE,SHORTENING & LIKE PROD	0.0	0.0	0.0	0.0	0.0	0.0	171.7973	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	43.1752	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	177.5670	0.0	51.6959	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	-14.4718	0.0	-6.5583	0.0	-34.1555	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	-15.5410	0.0	0.0	18
FRESH CREAM	0.0	0.0	0.0	70.3697	-10.3209	0.0	152.4881	19
BUTTER	0.0	0.0	0.0	0.0	237.4993	0.0	175.3263	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	80.9630	-16.3840	35.7666	0.0	55.4596	21
MILK EVAPORATED	0.0	0.0	0.0	0.0	-13.0484	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	0.0	48.4491	0.0	0.0	23
OTHER DAIRY PROD	0.0	0.0	-7.7238	87.2614	28.9866	0.0	51.8124	24
RICE UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	-38.3979	0.0	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	-25.0185	0.0	0.0	0.0	0.0	0.0	14.3025	27
WHEAT FLOUR	0.0	0.0	30.9743	82.0567	0.0	0.0	171.9020	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	-10.7342	82.0567	37.7079	89.9167	-19.2005	29
VEGETABLES,FRESH	0.0	0.0	-15.0843	38.4254	0.0	79.6116	-2.9929	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.0	0.0	-8.4800	45.6454	0.0	0.0	6.7693	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	-10.3683	0.0	0.0	90.4651	-2.3817	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	0.0	0.0	0.0	32.7184	0.0	31.5855	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	0.0	0.0	-22.2032	0.0	-52.6231	34
EGGS IN THE SHELL	0.0	0.0	0.0	0.0	-100.0000	0.0	153.9779	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	0.0	0.0	26.8425	0.0	154.9081	36
SEEDS EX.OIL AND SEED GRADES	-23.8725	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	-30.1328	0.0	0.0	0.0	0.0	0.0	160.6431	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	0.0	0.0	25.9627	0.0	46.4087	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	0.0	0.0	-7.6910	0.0	163.5277	0.0	20.6697	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
BISCUITS	0.0	0.0	-17.3073	0.0	35.8999	0.0	164.6285	42
BREAD & ROLLS	0.0	0.0	0.0	0.0	0.0	89.6205	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	34.3762	0.0	162.1912	44
COCOA AND CHOCOLATE	0.0	0.0	0.0	0.0	41.7308	0.0	162.2893	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	36.9755	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	0.0	0.0	29.6613	0.0	171.9020	47
SUGAR	0.0	0.0	-33.2816	0.0	33.3397	0.0	-10.1076	48
MOLASSES,SUGAR REFINERY PRODUCTS	0.0	0.0	-10.2731	0.0	36.2682	0.0	165.9392	49
OILSEED,MEAL & CAKE	51.2232	0.0	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	0.0	0.0	0.0	0.0	122.1823	0.0	-100.0000	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
BEET PULP	-42.5588	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 2

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY AGRICULTURE	FORESTRY	SLAUGHTERING & MEAT PROCESSORS	POULTRY PROCESSORS	DAIRY FACTORIES	FISH PRODUCTS INDUSTRY	FRUIT & VEG. PROCESSORS	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	-2.9979	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	0.0	0.0	9.7307	43.3283	25.6183	448.8631	-100.0000	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	0.0	0.0	23.6387	0.0	-100.0000	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	-12.0227	77.2318	59.6157	0.0	175.7546	62
VINEGAR	0.0	0.0	0.0	0.0	-4.9327	-35.2153	-23.7105	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	30.8400	0.0	0.0	64
FISH PRODUCTS	0.0	0.0	-69.1577	0.0	0.0	-26.5401	178.4802	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	0.0	0.0	87.0618	0.0	66
HONEY AND BEESWAX	0.0	0.0	0.0	0.0	151.3966	0.0	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	0.0	0.0	-9.8759	0.0	0.0	0.0	165.8447	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	70
BREWERS& DISTILLERS' GRAINS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
WINES	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	-26.7208	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	141.3291	0.0	-9.8868	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	1.9813	0.0	-10.8285	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	-5.1011	-55.2124	-11.4104	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	10.0343	0.0	0.0	0.0	0.0	0.0	162.4263	82
FEEDS OF VEG.ORIGIN NES	-18.5700	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	-3.5281	0.0	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNICR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	-48.8498	-71.5661	-8.9218	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	-28.9079	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	-12.1343	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	-37.3116	-15.2614	-13.7773	82.0567	34.6804	87.3681	171.9020	92
FISHING & TRAPPING PROD.	0.0	0.0	0.0	0.0	0.0	-0.5173	0.0	93
TEXTILE PRODUCTS	-23.9218	1.9920	-11.5255	80.4707	71.2309	85.7564	176.9263	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-43.8641	-13.5552	-17.1131	27.0584	8.5577	10.7682	163.0174	96
FURNITURE & FIXTURES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	-13.9870	0.0	-10.0229	-23.8338	33.7440	94.1645	-4.9960	98
PRINTING & PUBLISHING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99
METALLIC ORES & CONCENTRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
MINERALS FUELS	106.3237	23.5879	-46.0924	5.1673	-34.4234	-72.0187	-63.0670	101
NON-METALLIC MINERALS	-29.4351	0.0	-36.1004	-62.9218	2.0561	-36.7286	-6.7546	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	0.0	0.0	0.0	0.0	25.0506	-23.0459	0.0	104
METAL FABRICATED PRODUCTS	-4.4274	-2.3136	-16.9477	-16.7874	-28.5002	-27.6455	-25.6220	105
NON-METALLIC MINERALS PRODUCTS	-11.9245	-0.6115	-9.6158	80.0942	20.4006	91.9215	-18.7012	106

Table 3

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY							
	AGRICULTURE	FORESTRY	SLAUGHTERING & MEAT PROCESSORS	POULTRY PROCESSORS	DAIRY FACTORIES	FISH PRODUCTS INDUSTRY	FRUIT & VEG. PROCESSORS	
PET & COAL PRODUCTS.	-18.7997	7.6295	24.1159	29.4706	14.6032	7.5256	80.2591	107
CHEMICALS,CHEMICAL PRODUCTS	27.8520	16.7890	-15.1020	361.3988	92.7295	84.7862	103.6032	108
NITROGEN FUNCTION COMPOUNDS NES	0.0	0.0	0.0791	0.0	52.1395	0.0	0.0	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	-31.1847	7.9287	0.0	0.0	0.0	0.0	0.0	110
TRANSPORTATION & STORAGE	-23.8886	-4.0180	4.7511	11.1791	-11.9998	-10.6530	-4.9720	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
COMUNICATION SERVICES	-21.1771	11.0761	16.6630	37.8687	17.4956	7.2655	7.3315	113
OTHER UTILITIES	9.0138	-1.0414	1.4511	36.6492	7.7616	24.8594	61.5361	114
MISC. MANUF.PRODUCTS	0.0	0.0	523.0207	80.3408	28.7351	94.0279	0.0	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	21.4162	-30.8811	-18.4830	-34.9715	-28.5748	-23.4385	-12.3967	117
RUBBER,LEATHER.PLASTIC PRODUCTS	-13.9401	0.0	332.7080	248.6058	229.8855	0.0	928.0852	118
WHOLESALE MARGIN	-16.9149	-7.4672	5.5914	40.5910	21.3337	328.6579	11.5439	119
RETAIL MARGIN	-7.1623	-6.1788	28.5190	44.6051	23.1778	32.9399	32.0516	120
OTHER FINANCE,INS & REAL ESTATE	19.4925	12.8501	0.2917	-43.8242	-19.3081	-8.7689	-1.9713	121
BUSINESS SERVICES	-6.8546	-0.5623	17.3337	42.8167	44.2051	11.3631	8.7729	122
PERSONAL & OTHER MISC.SERVICES	-18.2225	28.0006	4.2853	23.2058	3.2677	-3.8733	-3.8269	123
TRANSPORTATION MARGIN	-21.3920	-17.3767	-13.2201	14.4055	50.0591	47.0234	-15.6431	124
OPERATING OFFICE & LAB & FOOD	5.5624	7.6671	15.6717	20.2008	27.3350	-2.3204	86.9857	125
TRAVEL ,ADVERTISEMENT & PROMOTION	74.7318	2.3586	11.2021	38.0822	20.6313	7.8735	8.5550	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	-32.5776	-2.7179	0.0	0.0	0.0	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	-17.0768	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	-100.0000	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	0.0	0.0	38.1678	-78.2074	-20.2833	-46.5117	0.4393	132
NON-COMPETING IMPORTS	0.0	0.0	-12.0930	0.0	0.0	0.0	88.0380	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	-113.6824	26.7894	10.2073	18.0941	-61.4874	-4.8928	7.5916	135
LABOR INCOME	-37.7497	-6.9474	-20.5908	8.1441	-13.0098	-7.4711	-11.0205	136
NET INCOME UNINCORPORATED BUSINESS	38.6534	-51.2503	-16.1696	-61.9165	-51.9835	-39.7150	-43.9028	137
OTHER OPERATING SURPLUS	4.4344	-9.3409	39.4809	47.1535	14.2550	-47.3435	-11.0361	138

Table 4

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY							
	FEED MANUFACTURERS	FLOUR & BREAKFAST CEREAL IND.	BISC. MFGRS.	BAKERIES	CONFECTIONERY MFGRS.	SUGAR REFINERIES	VEGETABLE OIL MILLS	
CATTLE AND CALVES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	0.0	14.2275	0.0	0.0	0.0	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	-32.7706	0.0	0.0	-49.8589	0.0	0.0	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	-26.3950	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
MEAT PREPARED CANNED	0.0	0.0	0.0	20.8623	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	-35.9633	113.7667	1.0243	-27.0802	-62.7885	0.0	0.0	13
MARGARINE,SHORTENING & LIKE PROD	-100.0000	63.9775	5.2922	-6.7811	-0.3531	0.0	0.0	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	-23.0829	0.0	0.0	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	0.0	-28.7238	0.0	0.0	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
FRESH CREAM	0.0	0.0	0.0	-48.6241	65.9824	0.0	0.0	19
BUTTER	0.0	0.0	-8.4063	22.0933	126.2136	0.0	0.0	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	23.7964	27.4174	0.0	0.0	0.0	21
MILK EVAPORATED	0.0	0.0	-78.9560	-61.8799	-59.5679	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	50.5644	0.0	0.0	0.0	23
OTHER DAIRY PROD	81.1583	137.5180	62.8115	28.0121	35.7354	0.0	0.0	24
RICE UNMILLED	193.8882	-12.3091	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	-7.3061	2.2071	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	0.9809	-13.3055	56.9899	0.0	-34.1716	0.0	0.0	27
WHEAT FLOUR	-29.3043	-1.4212	-1.5279	3.5666	-52.4567	0.0	0.0	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	4.5005	48.5025	-62.6401	0.0	0.0	29
VEGETABLES,FRESH	-72.0106	3.4216	-100.0000	32.9762	-61.6740	-35.2644	0.0	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	-28.8718	0.0	0.0	41.3339	0.0	0.0	0.0	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	0.0	38.0931	0.0	0.0	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	-8.3656	5.2800	-0.6018	-35.9191	0.0	0.0	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	26.3368	-0.8351	50.2978	0.0	0.0	34
EGGS IN THE SHELL	0.0	0.0	-47.6700	-56.9653	-16.1620	0.0	0.0	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	-95.5756	31.5539	-68.0712	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	19.5019	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	143.3207	-0.5112	57.7223	35.6569	-13.4350	0.0	-6.3947	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	-33.7472	-2.4155	0.1348	0.0	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	295.4492	-24.5107	32.0283	-8.6047	51.8463	3.1803	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	-100.0000	0.0	0.0	-58.6915	0.0	0.0	41
BISCUITS	-25.9212	0.0	-2.8376	37.8765	-58.3361	0.0	0.0	42
BREAD & ROLLS	0.0	0.0	-100.0000	39.9464	0.0	0.0	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
COCOA AND CHOCOLATE	0.0	-9.0694	-38.3951	46.8474	-12.8084	0.0	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	-57.5856	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	65.1782	41.0357	-57.5070	0.0	0.0	47
SUGAR	-16.5300	12.9631	-9.8913	4.6450	38.7570	0.0	0.0	48
MOLASSES,SUGAR REFINERY PRODUCTS	-4.8007	-65.0917	-38.3663	26.4452	-58.4890	0.0	0.0	49
OILSEED,MEAL & CAKE	-5.8588	-27.9167	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	0.0	-33.9332	6.2620	143.1871	7.4359	0.0	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	18.0996	0.0	0.0	0.0	52
BEET PULP	35.0478	-17.0927	0.0	0.0	0.0	0.0	0.0	53

Table 5

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY FEED MANUFACTURERS	FLOUR & BREAKFAST CEREAL IND.	BISC. MFGRS.	BAKERIES	CONFECTIONERY MFGRS.	SUGAR REFINERIES	VEGETABLE OIL MILLS	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	54.4869	0.0202	-28.5061	9.9665	2.0635	0.0	-15.8639	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	0.0	43.5023	0.0	0.0	0.0	62
VINEGAR	0.0	0.0	0.0	25.3090	0.0	0.0	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
FISH PRODUCTS	-25.7555	51.9967	0.0	44.3861	0.0	0.0	0.0	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	40.9354	0.0	0.0	0.0	66
HONEY AND BEESWAX	0.0	7.4510	25.2182	-59.3790	-59.7577	0.0	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	-88.6766	-29.0370	16.3756	11.1925	-59.6750	-71.2098	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70
BREWERS& DISTILLERS' GRAINS	27.0717	-13.6141	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
WINES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	0.0	0.0	-58.6410	0.0	2238.2820	78
FEEDS OF ANIMAL ORIGIN NES	21.6600	10.2748	0.0	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	11.7895	-7.1997	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	34.1472	-71.3013	0.0	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	-13.9422	-6.2683	0.0	0.0	0.0	0.0	0.0	82
FEEDS OF VEG.ORIGIN NES	-39.8982	-89.4984	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	-41.4368	0.0	0.0	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	-38.1566	0.0	0.0	37.5336	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	8.3089	0.0	0.0	0.0	0.0	0.0	0.0	93
TEXTILE PRODUCTS	-32.0516	-20.6658	61.1124	25.3063	-57.1286	-52.4988	-16.1559	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-45.4640	-0.9464	-12.6035	215.9731	-66.0562	0.0	0.0	96
FURNITURE & FIXTURES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	-28.3871	-12.9911	-11.1804	-5.0062	-6.6349	-25.1931	-11.5408	98
PRINTING & PUBLISHING	0.0	0.0	58.9780	0.0	-59.7128	0.0	0.0	99
METALLIC ORES & CONCENTRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
MINERALS FUELS	29.1356	-19.2639	13.1601	-10.5029	-61.1173	-36.0846	-60.9304	101
NON-METALLIC MINERALS	-14.6836	23.8244	4.4022	-30.6069	-60.0771	-18.4313	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	-40.9941	0.0	0.0	0.0	-54.6271	0.0	-21.5606	104
METAL FABRICATED PRODUCTS	-35.6270	-13.3267	50.0178	27.9888	-61.2372	-78.4528	-19.7778	105
NON-METALLIC MINERALS PRODUCTS	-37.0240	0.0	68.2035	62.1661	-57.4156	-30.3177	0.0	106

Table 6

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY							
	FEED MANUFACTURERS	FLOUR & BREAKFAST CEREAL IND.	BISC. MFGRS.	BAKERIES	CONFECTIONERY MFGRS.	SUGAR REFINERIES	VEGETABLE OIL MILLS	
PET & COAL PRODUCTS.	35.1115	4.6218	26.7090	15.3278	1.5578	29.8134	-23.4654	107
CHEMICALS,CHEMICAL PRODUCTS	5.5798	15.0833	10.5852	2.4421	12.6355	49.6285	78.2182	108
NITROGEN FUNCTION COMPOUNDS NES	-22.4002	0.0	117.7757	50.3653	-52.4308	0.0	-4.2867	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110
TRANSPORTATION & STORAGE	-5.2850	-12.7230	-21.6276	-7.8195	7.1294	-42.4205	88.9449	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
COMUNICATION SERVICES	19.3278	13.5630	14.3191	13.2788	13.0751	-4.2250	10.9702	113
OTHER UTILITIES	-12.0252	-7.2572	0.0364	18.8048	-7.5316	-19.8842	31.9048	114
MISC. MANUF.PRODUCTS	0.0	10.9211	-100.0000	0.0	-58.7243	0.0	0.0	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-30.3540	-53.4183	18.7575	-8.1148	-31.7454	-37.5283	-23.8136	117
RUBBER,LEATHER.PLASTIC PRODUCTS	0.0	7.6684	217.2335	174.5652	68.9319	-79.6082	0.0	118
WHOLESALE MARGIN	28.3040	20.0601	-3.0113	10.2539	2.1252	22.9520	123.4892	119
RETAIL MARGIN	-8.2119	5.0498	20.4988	47.6486	-42.2394	6.7158	-35.3995	120
OTHER FINANCE,INS & REAL ESTATE	-38.3241	26.7664	3.7152	8.0296	6.1324	81.9215	-19.9105	121
BUSINESS SERVICES	19.7394	15.4694	14.3292	17.9287	15.4494	-2.9538	14.0842	122
PERSONAL & OTHER MISC.SERVICES	6.6535	2.1472	2.1303	1.2519	1.2379	-14.4593	-1.6515	123
TRANSPORTATION MARGIN	-0.9829	-19.3143	-11.9514	-11.7941	-21.9969	-25.7061	4.0537	124
OPERATING OFFICE & LAB & FOOD	-17.2443	-1.0913	19.5754	24.9643	-8.7389	105.0676	15.0208	125
TRAVEL ,ADVERTISEMENT & PROMOTION	13.9526	11.8271	13.7345	13.7087	7.7573	-5.9361	11.4720	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-35.7946	2722.2324	-87.8520	-73.1412	264.3362	0.0	123.7642	132
NON-COMPETING IMPORTS	0.0	0.0	0.0	0.0	-26.5157	-23.1301	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	-38.2604	26.9561	27.5467	22.9618	9.5311	19.4772	-5.4755	135
LABOR INCOME	-25.9934	-9.3930	-10.0801	-7.5384	-14.9544	-18.4262	-31.9543	136
NET INCOME UNINCORPORATED BUSINESS	-54.2913	-34.9445	-15.4181	-33.4030	-44.4942	0.0	0.0	137
OTHER OPERATING SURPLUS	16.6154	-10.0994	18.4157	-35.1364	35.8377	-12.9175	-6.9839	138

Table 7

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY MISC.FOOD IN D.	SOFT DRINKS MFGRS.	DISTILLERS	BREWERIES	WINERIES	LEAF TOBACCO PROCESSING	TOBACCO PROD .MFGRS.	
CATTLE AND CALVES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	-16.6424	0.0	0.0	0.0	0.0	0.0	0.0	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	-79.7423	0.0	0.0	0.0	0.0	0.0	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	-84.3832	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	739.6092	0.0	0.0	0.0	0.0	0.0	0.0	11
MEAT PREPARED CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	-11.7700	0.0	0.0	0.0	0.0	0.0	0.0	13
MARGARINE,SHORTENING & LIKE PROD	1.6750	0.0	0.0	0.0	0.0	0.0	0.0	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	-17.3567	0.0	0.0	0.0	0.0	0.0	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
FRESH CREAM	-62.3537	0.0	0.0	0.0	0.0	0.0	0.0	19
BUTTER	-5.5859	0.0	0.0	0.0	0.0	0.0	0.0	20
CHEESE,CHEDAR & PROCESSED	-6.3370	0.0	0.0	0.0	0.0	0.0	0.0	21
MILK EVAPORATED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
OTHER DAIRY PROD	4.6116	0.0	0.0	0.0	0.0	0.0	0.0	24
RICE UNMILLED	-3.8402	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	-81.9481	0.0	631.0130	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	-1.9043	0.0	8.4365	-11.2076	0.0	0.0	0.0	27
WHEAT FLOUR	-1.1057	0.0	0.0	0.0	0.0	0.0	0.0	28
FRUITS,FRESH,EX.TROPICAL	-46.0848	0.0	0.0	0.0	15.8013	0.0	0.0	29
VEGETABLES,FRESH	0.0594	0.0	0.0	0.0	0.0	0.0	0.0	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	14.3385	0.0	0.0	0.0	0.0	0.0	0.0	31
VEGETABLES & PREPARATIONS CANNED	106.0786	0.0	0.0	0.0	0.0	0.0	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	-9.4675	132.3076	13.2640	0.0	-51.0490	0.0	0.0	33
FRUITS & PREPARATIONS CANNED	269.6854	0.0	0.0	0.0	0.0	0.0	0.0	34
EGGS IN THE SHELL	-17.0292	0.0	0.0	0.0	0.0	0.0	0.0	35
NUTS,EDIBLE,NOT SHELLED	-3.7569	0.0	0.0	0.0	0.0	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	-1.3450	0.0	0.0	0.0	0.0	0.0	0.0	38
NUTS,KERNELS AND SEEDS PREPARED	318.4756	0.0	0.0	0.0	0.0	0.0	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	45.1605	0.0	0.0	-16.7319	0.0	0.0	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
BISCUITS	2.9854	0.0	0.0	0.0	0.0	0.0	0.0	42
BREAD & ROLLS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
COCOA AND CHOCOLATE	0.5051	0.0	0.0	0.0	0.0	0.0	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
OTHER CONFECTIONERY	-82.4311	0.0	0.0	0.0	0.0	0.0	0.0	47
SUGAR	1.4569	-12.3250	25.0930	-24.6232	73.7735	0.0	-28.1983	48
MOLASSES,SUGAR REFINERY PRODUCTS	-38.5268	0.0	-8.4228	0.0	0.0	0.0	14.3081	49
OILSEED,MEAL & CAKE	-82.4311	0.0	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	6.9298	0.0	0.0	11.8030	0.0	0.0	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
BEET PULP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 8

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY MISC.FOOD IN D.	SOFT DRINKS MFGRS.	DISTILLERS	BREWERIES	WINERIES	LEAF TOBACCO PROCESSING	TOBACCO PROD .MFGRS.	
SOUPS,DRIED & SOUP MIXES & BASES	-79.3528	0.0	0.0	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	-7.3110	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	-24.2671	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	11.5452	135.5025	-11.8155	0.0	-59.2238	0.0	0.0	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	-9.0058	0.0	-12.9992	0.0	0.0	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	14.6110	0.0	0.0	0.0	0.0	0.0	0.0	62
VINEGAR	-6.2075	0.0	0.0	0.0	0.0	0.0	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
FISH PRODUCTS	6.2610	0.0	0.0	0.0	0.0	0.0	0.0	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66
HONEY AND BEESWAX	3154.1893	0.0	0.0	0.0	-44.6360	0.0	-24.4008	67
MALT,MALT FLOUR & WHEAT STARCH	25.6349	0.0	-3.6569	8.3496	0.0	0.0	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	-1.9481	-16.7130	0.0	-71.9529	0.0	0.0	69
ALCOHOL,NATURAL ETHYL	-80.9670	0.0	36.4282	0.0	0.0	0.0	0.0	70
BREWERS& DISTILLERS' GRAINS	-82.3351	0.0	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	-92.9310	0.0	0.0	0.0	72
WINES	0.0	0.0	34.1116	0.0	-19.9594	0.0	0.0	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	-5.2848	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	387.9088	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	5.0792	-38.8434	77
VEG,OILS & FATS,CRUDE	4.1625	0.0	0.0	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	-80.7086	0.0	0.0	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82
FEEDS OF VEG.ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	-81.3800	0.0	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	-80.9515	0.0	0.0	-22.4738	0.0	0.0	0.0	86
HAY FORAGE & STRAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	93
TEXTILE PRODUCTS	-81.1422	0.0	0.0	0.0	0.0	461.6756	0.0	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-21.4788	126.9735	4.1101	-15.9532	-42.0935	-2.1784	-32.6497	96
FURNITURE & FIXTURES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	-2.4173	144.7246	20.5248	-9.9939	-33.6268	262.4892	3.8512	98
PRINTING & PUBLISHING	0.0	131.8746	14.7448	-7.4136	-36.2717	0.0	-23.0875	99
METALLIC ORES & CONCENTRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
MINERALS FUELS	-35.1440	-21.8689	-21.9058	-60.5817	-57.9378	-51.8339	48.4768	101
NON-METALLIC MINERALS	-22.9516	0.0	0.0	-24.7772	0.0	0.0	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	-81.9082	98.5870	0.0	0.0	0.0	0.0	0.0	104
METAL FABRICATED PRODUCTS	-22.4883	50.3713	-3.1467	2.9997	0.0	0.0	-21.0324	105
NON-METALLIC MINERALS PRODUCTS	-4.0690	1172.9339	-3.2966	-32.7370	-26.8009	0.0	0.0	106

Table 9

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY MISC.FOOD IN D.	SOFT DRINKS MFGRS.	DISTILLERS	BREWERIES	WINERIES	LEAF TOBACCO PROCESSING	TOBACCO PROD .MFGRS.	
PET & COAL PRODUCTS.	-8.3089	-1.1118	78.0961	11.2195	-21.3173	79.1224	31.9170	107
CHEMICALS,CHEMICAL PRODUCTS	3.6364	16.5918	-36.3127	13.5834	-24.9854	512.4775	0.0	108
NITROGEN FUNCTION COMPOUNDS NES	597.2831	0.0	0.0	0.0	0.0	0.0	0.0	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110
TRANSPORTATION & STORAGE	-5.6851	25.3517	475.0363	-78.4637	5.6456	9.9095	9.4694	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
COMUNICATION SERVICES	13.1085	15.5475	19.2763	5.5604	-3.1979	18.0230	12.9233	113
OTHER UTILITIES	3.6709	21.7399	25.9858	14.4138	17.2414	79.8442	0.0362	114
MISC. MANUF.PRODUCTS	-80.5283	0.0	0.0	0.0	-33.2666	0.0	0.0	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-15.7120	-17.9223	-12.6885	-34.2665	-25.1858	-32.4526	-22.4030	117
RUBBER,LEATHER.PLASTIC PRODUCTS	184.0121	0.0	0.0	-100.0000	0.0	0.0	-26.9404	118
WHOLESALE MARGIN	16.1205	61.2744	25.1774	7.2581	-1.3441	-1.1749	218.3486	119
RETAIL MARGIN	-17.8126	23.0664	26.1581	-1.8509	-21.5088	129.9595	-6.3286	120
OTHER FINANCE,INS & REAL ESTATE	8.6723	-6.8437	-10.9943	-28.8969	80.5389	44.1849	-10.1401	121
BUSINESS SERVICES	15.9130	19.3621	24.2681	9.9331	-2.4775	15.5721	15.2045	122
PERSONAL & OTHER MISC.SERVICES	1.1438	3.2343	6.8128	-5.5099	-13.8762	6.7259	0.7390	123
TRANSPORTATION MARGIN	-11.2040	5.0563	-39.6664	33.8127	-23.7784	47.0664	15.2233	124
OPERATING OFFICE & LAB & FOOD	-14.5745	90.6462	11.0909	23.3047	-38.2116	110.3120	12.7594	125
TRAVEL ,ADVERTISEMENT & PROMOTION	8.5931	12.4963	17.4127	3.8506	-9.7534	21.1875	8.1804	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	0.0	131.6967	0.0	0.0	0.0	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	-81.3476	0.0	0.0	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-25.3832	312.7892	-11.9886	0.0	24.5690	-98.4380	-69.1523	132
NCN-COMPETING IMPORTS	-6.1643	0.0	0.0	0.0	-24.0662	0.0	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	7.6658	4.3900	-8.0411	9.2272	-29.8291	24.1224	35.2058	135
LABOR INCOME	-11.5056	-13.2666	-19.8292	-18.2185	-23.4298	-21.1992	-16.1491	136
NET INCOME UNINCORPORATED BUSINESS	-44.6424	-59.2673	0.0	0.0	-40.7874	0.0	-70.6468	137
OTHER OPERATING SURPLUS	15.7627	-27.7798	-3.2994	-14.8695	-13.7876	-36.1095	-11.7275	138

Table 10

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY FISH'G,HUNT'G & TRAPP'G	MINES,QUARRIES&OIL WELLS	MANUFACTURING EXCEPT FOOD	COMMUNICATIONS	TRANSP & STORAGE	ELEC.POWER,GAS,OTHER UTILITIES	WHOLESALE TRADE	
CATTLE AND CALVES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	0.4114	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
MEAT PREPARED CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	0.0	0.0	0.9961	0.0	0.0	0.0	0.0	13
MARGARINE,SHORTENING & LIKE PROD	0.0	0.0	0.0	0.0	0.0	0.0	-21.5474	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	-38.8790	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	15.2439	18
FRESH CREAM	0.0	0.0	0.0	0.0	0.0	0.0	17.6337	19
BUTTER	0.0	0.0	0.0	0.0	0.0	0.0	28.1907	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	-35.7569	21
MILK EVAPORATED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
OTHER DAIRY PROD	0.0	0.0	-14.0332	0.0	0.0	0.0	27.5339	24
RICE UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	0.0	0.0	0.0	0.0	0.0	0.0	132.9382	27
WHEAT FLOUR	0.0	0.0	-17.0651	0.0	0.0	0.0	57.1740	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	0.0	0.0	0.0	0.0	17.4140	29
VEGETABLES,FRESH	0.0	0.0	0.0	0.0	0.0	0.0	17.7144	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	0.0	8.5071	0.0	0.0	0.0	0.0	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34
EGGS IN THE SHELL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	0.0	0.0	-16.1049	0.0	0.0	0.0	0.0	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	0.0	-100.0000	-29.9761	0.0	0.0	0.0	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
BISCUITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42
BREAD & ROLLS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
COCOA AND CHOCOLATE	0.0	0.0	3.5750	0.0	0.0	0.0	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47
SUGAR	0.0	0.0	-15.3762	0.0	0.0	0.0	25.7157	48
MOLASSES,SUGAR REFINERY PRODUCTS	0.0	0.0	-17.4720	0.0	0.0	0.0	0.0	49
OILSEED,MEAL & CAKE	0.0	0.0	-79.3787	0.0	0.0	0.0	-62.4369	50
MAPLE SUGAR & SYRUP	0.0	0.0	-11.7714	0.0	0.0	0.0	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
BEET PULP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 11

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY FISH'G,HUNT'G & TRAPP'G	MINES,QUARRIES&OIL WELLS	MANUFACTURING EXCEPT FOOD	COMMUNICATIONS	TRANSP & STORAGE	ELEC.POWER,GAS,OTHER UTILITIES	WHOLESALE TRADE	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	0.0	0.0	-9.0205	0.0	0.0	0.0	90.9160	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62
VINEGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
FISH PRODUCTS	0.0	0.0	-19.6358	0.0	0.0	0.0	2.8000	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66
HONEY AND BEESWAX	0.0	0.0	-24.3047	0.0	0.0	0.0	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	0.0	0.0	3.7732	0.0	0.0	0.0	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	-17.4917	0.0	0.0	0.0	0.0	70
BREWERS& DISTILLERS' GRAINS	0.0	0.0	-2.0105	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
WINES	0.0	0.0	24.6487	0.0	0.0	0.0	0.0	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	-40.6608	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	0.0	0.0	-39.4091	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	0.0	0.0	0.0	0.0	-38.8611	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	0.0	0.0	-60.3492	0.0	0.0	0.0	-42.8722	82
FEEDS OF VEG.ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	0.0	0.0	20.7490	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	0.0	0.0	-71.4057	0.0	-11.8129	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	-53.0898	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	-27.4483	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	-39.1522	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	0.0	-100.0000	-19.1021	0.0	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	-38.2614	0.0	-37.0346	0.0	0.0	0.0	0.0	93
TEXTILE PRODUCTS	-1.8494	-2.0148	-6.7764	-50.9880	-17.1393	0.0	-35.1909	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	-2.3893	0.0	0.0	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-7.9226	-42.5921	-20.4050	0.0	-100.0000	0.0	-13.4577	96
FURNITURE & FIXTURES	0.0	0.0	14.9883	0.0	-100.0000	0.0	0.0	97
PAPER & PAPER PRODUCTS	0.0	-1.4218	-8.9316	0.0	-10.0697	0.0	-7.9031	98
PRINTING & PUBLISHING	0.0	126.9243	-15.3562	-13.0617	-0.3036	-8.1400	0.9158	99
METALLIC ORES & CONCENTRATES	0.0	-100.0000	-20.6795	0.0	0.0	0.0	-100.0000	100
MINERALS FUELS	4.6247	-7.1246	-23.3889	40.9679	36.3558	246.3382	38.2393	101
NON-METALLIC MINERALS	24.3172	7.3412	-2.3301	0.0	5.4989	0.0	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	17.0034	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	0.0	8.3874	9.3529	0.0	-25.6537	0.0	-19.4596	104
METAL FABRICATED PRODUCTS	34.3200	38.5197	5.6621	0.0	-30.2999	0.0	-9.4618	105
NON-METALLIC MINERALS PRODUCTS	26.6715	-40.3098	10.1829	0.0	-7.2836	0.0	7.9528	106

Table 12

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY FISH'G,HUNT'G & TRAPP'G	MINES,QUARRIES&OIL WELLS	MANUFACTURING EXCEPT FOOD	COMMUNICATIONS	TRANSP & STORAGE	ELEC.POWER,GAS,OTHER UTILITIES	WHOLESALE TRADE	
PET & COAL PRODUCTS.	24.2490	12.9203	-0.2659	-17.2153	-2.1951	107.2685	-9.2937	107
CHEMICALS,CHEMICAL PRODUCTS	-9.3207	-9.5858	6.4573	115.9585	8.8512	0.0	21.6804	108
NITROGEN FUNCTION COMPOUNDS NES	0.0	0.0	-3.1826	0.0	0.0	0.0	0.0	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	14.4346	47.8804	71.6673	0.0	22.4846	0.0	0.0	110
TRANSPORTATION & STORAGE	-15.1030	19.9940	-9.1842	-32.9349	11.1669	60.2247	8.1834	111
ELEC & COMMUNICATIONS PRODUCTS	54.6022	1.0763	43.7536	-6.8564	-0.1906	0.0	71.4833	112
COMUNICATION SERVICES	18.3765	17.0836	14.5548	-3.1174	11.8799	-10.9937	9.9377	113
OTHER UTILITIES	124.1958	7.1620	-10.5427	-17.1640	1.5316	23.0613	-0.5874	114
MISC. MANUF.PRODUCTS	38.0413	0.0	0.3939	1.6499	-28.8934	0.0	-16.5402	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-40.6296	33.6600	-32.0893	-17.5804	-33.9560	-27.1900	-14.9921	117
RUBBER,LEATHER.PLASTIC PRODUCTS	0.0	0.0	-3.5944	0.0	-8.6347	0.0	89.5042	118
WHOLESALE MARGIN	11.6832	4.1735	17.2289	-19.4428	-17.0316	53.6101	-7.6478	119
RETAIL MARGIN	12.4853	-3.0428	-3.7976	165.6684	-12.2934	27.6342	-4.9447	120
OTHER FINANCE,INS & REAL ESTATE	-15.0296	9.1728	-5.2774	3.3227	-10.3703	-39.0467	-9.9266	121
BUSINESS SERVICES	31.2962	25.0251	34.5701	-2.2291	8.8922	-20.3379	12.7643	122
PERSONAL & OTHER MISC.SERVICES	10.7089	7.7792	1.1592	-8.4755	16.4672	-5.6493	0.7897	123
TRANSPORTATION MARGIN	-2.4943	-19.2062	-14.8313	-22.1609	-13.0790	105.9237	-15.2600	124
OPERATING OFFICE & LAB & FOOD	186.5365	36.1189	9.4699	-38.5826	36.0295	-23.9618	23.6684	125
TRAVEL ,ADVERTISEMENT & PROMOTION	0.0	3.2759	9.0568	11.4019	12.4124	-21.9786	1.2627	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	18.2044	-12.0771	22.8184	-21.2562	-16.0938	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	-3.4905	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132
NON-COMPETING IMPORTS	0.0	0.0	-34.4100	0.0	0.0	0.0	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	24.7035	24.9754	-8.6792	-10.6270	-12.3179	5.4824	-3067.0374	135
LABOR INCOME	-10.1606	-18.4165	-19.9243	-26.1468	-20.3590	-16.9583	-15.0169	136
NET INCOME UNINCORPORATED BUSINESS	5.5681	-24.3172	-42.4954	0.0	-8.5260	0.0	-14.1041	137
OTHER OPERATING SURPLUS	-21.2556	-5.3246	-2.7032	-4.1809	3.8303	-9.7794	4.5573	138

Table 13

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY RETAIL TRADE	FIN,INS,REAL ESTATE	COMMUNITY BUS,PERSONAL SERV.	TRANSP. INS	MARG	CONSTRUCTION	OPER.OFFICE, LAB & FOOD	TRAVEL & ADV ER'G PROMOTION	
CATTLE AND CALVES	29.2522	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	-39.1590	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	-6.0261	0.0	0.0	0.0	0.0	0.0	.0	0.0	3
POULTRY	-39.9001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	-39.6815	0.0	0.0	0.0	-28.1934	0.0	5
POULTRY CANNED	0.0	0.0	-34.4497	0.0	0.0	0.0	-31.2775	0.0	6
OTHER LIVE ANIMALS	-100.0000	0.0	0.0	0.0	0.0	0.0	10.0849	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	0.0	0.0	-28.1941	0.0	0.0	0.0	-15.3255	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	-25.8660	0.0	0.0	0.0	-19.8134	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	-25.6770	0.0	0.0	0.0	-19.4441	0.0	11
MEAT PREPARED CANNED	0.0	0.0	-32.7838	0.0	0.0	0.0	-29.3550	0.0	12
ANIMAL OILS AND FATS AND LARD	0.0	0.0	-29.7539	0.0	0.0	0.0	-25.9540	0.0	13
MARGARINE,SHORTENING & LIKE PROD	0.0	0.0	-22.0055	0.0	0.0	0.0	-17.6692	0.0	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	-48.7699	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	-28.2177	0.0	0.0	0.0	-6.2016	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
FRESH CREAM	0.0	0.0	-28.9003	0.0	0.0	0.0	-23.9288	0.0	19
BUTTER	0.0	0.0	-23.0440	0.0	0.0	0.0	-11.7372	0.0	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	-30.9621	0.0	0.0	0.0	-25.6023	0.0	21
MILK EVAPORATED	0.0	0.0	-23.8994	0.0	0.0	0.0	-18.3173	0.0	22
ICE CREAM	0.0	0.0	-18.1178	0.0	0.0	0.0	-12.3551	0.0	23
OTHER DAIRY PROD	0.0	0.0	-22.1896	0.0	0.0	0.0	-16.9634	0.0	24
RICE UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27
WHEAT FLOUR	0.0	0.0	-24.3280	0.0	0.0	0.0	-18.6721	0.0	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	-23.3237	0.0	0.0	0.0	-19.6589	0.0	29
VEGETABLES,FRESH	0.0	0.0	-27.2979	0.0	0.0	0.0	-23.8222	0.0	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.0	0.0	-20.8863	0.0	0.0	0.0	-16.4523	0.0	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	-23.2555	0.0	0.0	0.0	-19.5780	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	0.0	-29.3674	0.0	0.0	0.0	-26.5334	0.0	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	-24.9543	0.0	0.0	0.0	-21.4310	0.0	34
EGGS IN THE SHELL	0.0	0.0	-28.6009	0.0	0.0	0.0	-23.4901	0.0	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	0.0	0.0	22.8990	0.0	0.0	13.1923	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	-25.7150	0.0	0.0	0.0	-20.1611	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	0.0	0.0	-25.5358	0.0	0.0	0.0	-19.8304	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	-23.7141	0.0	0.0	0.0	-18.2474	0.0	41
BISCUITS	0.0	0.0	-24.7422	0.0	0.0	0.0	-19.3772	0.0	42
BREAD & ROLLS	0.0	0.0	-26.1785	0.0	0.0	0.0	-2.9812	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	-24.0249	0.0	0.0	0.0	-19.9160	0.0	44
COCOA AND CHOCOLATE	0.0	0.0	-26.1031	0.0	0.0	0.0	-20.5933	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47
SUGAR	0.0	0.0	-10.9445	0.0	0.0	0.0	-4.2718	0.0	48
MOLASSES,SUGAR REFINERY PRODUCTS	0.0	0.0	-24.3847	0.0	0.0	0.0	-20.0716	0.0	49
OILSEED,MEAL & CAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	0.0	0.0	-22.2280	0.0	0.0	0.0	-16.8201	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	-24.8352	0.0	0.0	0.0	-19.1296	0.0	52
BEET PULP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 14

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY RETAIL TRADE	FIN,INS,REAL ESTATE	COMMUNITY BUS,PERSONAL SERV.	TRANSP. INS	MARG	CONSTRUCTION	OPER.OFFICE, LAB & FOOD	TRAVEL & ADV ER'G PROMOTION	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	-19.1289	0.0	0.0	0.0	-13.6949	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	-33.1740	0.0	0.0	0.0	-28.1731	0.0	55
TEA	0.0	0.0	-30.9352	0.0	0.0	0.0	-34.7729	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	0.0	0.0	-21.5198	0.0	0.0	0.0	-19.8146	0.0	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	-40.7142	0.0	0.0	0.0	-15.5641	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	-17.8638	0.0	0.0	0.0	-13.4768	0.0	60
SOUPS CANNED	0.0	0.0	-18.5250	0.0	0.0	0.0	-12.4319	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	-22.3323	0.0	0.0	0.0	-16.5494	0.0	62
VINEGAR	0.0	0.0	-30.5623	0.0	0.0	0.0	-25.8482	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	-26.4346	0.0	0.0	0.0	-21.0619	0.0	64
FISH PRODUCTS	0.0	0.0	14.9205	0.0	0.0	0.0	-14.9689	0.0	65
MUSTARD MAYONNAISE	0.0	0.0	-24.1663	0.0	0.0	0.0	-19.1576	0.0	66
HONEY AND BEESWAX	0.0	0.0	-27.6072	0.0	0.0	0.0	-22.5358	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	0.0	0.0	-9.1733	0.0	0.0	0.0	0.0	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9879	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	0.0	0.0	0.0	8.9141	9.3847	0.0	70
BREWERS& DISTILLERS' GRAINS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9980	72
WINES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.3679	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	0.0	0.0	15.5298	0.0	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82
FEEDS OF VEG.ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	0.0	0.0	13.4821	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	0.0	0.0	14.9842	0.0	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	0.0	0.0	0.0	0.0	-36.5487	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	0.0	0.0	-25.4657	0.0	0.0	-22.2915	0.0	0.0	93
TEXTILE PRODUCTS	-3.5893	0.0	-0.3922	0.0	68.0892	23.5448	0.0	0.0	94
KNITTED PRODUCTS & CLOTHING	-48.4047	0.0	-10.3817	0.0	0.0	-5.3524	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-10.0621	0.0	-34.1637	0.0	-10.0815	30.7360	0.0	0.0	96
FURNITURE & FIXTURES	0.0	0.0	-5.0780	0.0	-8.4967	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	9.2704	0.0	-7.1336	0.0	-24.6567	5.1578	27.4160	0.0	98
PRINTING & PUBLISHING	3.7227	-7.7093	1.3435	0.0	0.0	-30.4114	-14.3529	0.0	99
METALLIC ORES & CONCENTRATES	0.0	0.0	-21.0847	0.0	0.0	0.0	0.0	0.0	100
MINERALS FUELS	43.2674	61.3629	182.8159	0.0	-100.0000	0.0	0.0	0.0	101
NON-METALLIC MINERALS	0.0	0.0	-24.5200	0.0	-17.8841	-20.3001	0.0	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	10.4690	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	0.0	0.0	-1.7976	0.0	-23.1888	-20.0059	0.0	0.0	104
METAL FABRICATED PRODUCTS	5.0369	0.0	5.9135	0.0	-4.3079	-9.8884	0.0	0.0	105
NON-METALLIC MINERALS PRODUCTS	6.9707	0.0	-6.4226	0.0	6.8091	21.5998	-1.5675	0.0	106

Table 15

Percentage Change in Input: 1961-66

COMMODITY	INDUSTRY RETAIL TRADE	FIN,INS,REAL ESTATE	COMMUNITY BUS,PERSONAL SERV.	TRANSP. MARG INS	CONSTRUCTION	OPER.OFFICE, LAB & FOOD	TRAVEL & ADVER'G PROMOTION	
PET & COAL PRODUCTS.	5.2202	0.9871	12.6883	0.0	9.6264	-31.7629	-30.5725	107
CHEMICALS,CHEMICAL PRODUCTS	-28.7347	0.0	10.4779	0.0	-17.7086	-1.5664	18.4711	108
NITROGEN FUNCTION COMPOUNDS NES	0.0	0.0	0.0	0.0	0.0	-49.9375	0.0	109
AUTOS,TRUCKS,CTHER TRANSP. EQUIPMENT	0.0	0.0	0.0	0.0	37.7323	36.6350	47.8246	110
TRANSPORTATION & STORAGE	10.8964	0.2204	4.0356	4.3802	14.0632	0.0	8.4005	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	15.9520	0.0	35.5269	9.2726	32.2492	112
COMUNICATION SERVICES	4.3004	23.6512	-2.5831	0.0	13.5362	0.0	30.6332	113
OTHER UTILITIES	23.0516	20.3206	17.2217	0.0	6.6438	0.0	0.0	114
MISC. MANUF.PRODUCTS	5.8896	0.0	-11.2057	0.0	-25.1422	-5.9190	-15.9203	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-28.3638	-13.5280	-18.5262	0.0	-4.1040	0.0	0.0	117
RUBBER,LEATHER.PLASTIC PRODUCTS	20.3414	0.0	-4.3399	0.0	17.1915	3.1542	28.4227	118
WHOLESALE MARGIN	3.7444	0.3805	-8.3410	0.0	-17.2613	-10.8298	-1.8929	119
RETAIL MARGIN	1.5983	1.8873	-22.5065	0.0	-15.1487	-18.5593	-7.5526	120
OTHER FINANCE,INS & REAL ESTATE	4.3086	-5.3187	-4.1767	0.0	-10.6534	0.0	0.0	121
BUSINESS SERVICES	16.4945	37.4064	13.6739	0.0	43.7037	0.0	-8.7382	122
PERSONAL & OTHER MISC.SERVICES	7.7650	36.6786	-0.7517	0.0	1.9529	15.1612	-3.6971	123
TRANSPORTATION MARGIN	-20.8072	-1.2664	-17.1761	0.0	-26.0313	-28.4699	-14.0392	124
OPERATING OFFICE & LAB & FOOD	19.4479	40.3345	5.4676	0.0	-11.5696	0.0	0.0	125
TRAVEL ,ADVERTISEMENT & PROMOTION	9.4370	4.3731	3.7219	0.0	-7.9793	0.0	0.0	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	0.0	0.0	-8.5436	0.0	11.2281	4.4144	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	-9.5960	0.0	-58.8839	-35.5205	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-25.1531	0.0	8.2196	0.0	0.0	0.0	0.0	132
NCN-COMPETING IMPORTS	-66.0680	0.0	-24.6308	0.0	0.0	-21.0408	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	187.5925	-17.3677	134
INDIRECT TAXES	0.4991	-1.9795	-5.223"	0.0	137.3373	27.3435	22.3918	135
LABOR INCOME	-9.6958	-4.2548	-7.4466	0.0	-4.1082	0.0	0.0	136
NET INCOME UNINCORPORATED BUSINESS	-14.0992	-29.4813	-6.3517	0.0	1.6646	0.0	0.0	137
OTHER OPERATING SURPLUS	-6.1534	6.8238	11.3954	0.0	32.6915	0.0	0.0	138

Table 16

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY AGRICULTURE	FORESTRY	SLAUGHTERING & MEAT PROCESSORS	POULTRY PROCESSORS	DAIRY FACTORIES	FISH PRODUCTS INDUSTRY	FRUIT & VEG. PROCESSORS	
CATTLE AND CALVES	7.1587	0.0	29.3661	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	-10.8262	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	-0.7816	0.0	0.0	0.0	0.0	3
POULTRY	17.7820	0.0	-10.9811	-1.6789	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	0.0	-33.5327	0.0	0.0	10.5472	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	-1.2634	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	0.0	0.0	-12.1359	-86.3689	0.0	0.0	-21.2011	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	6.3967	0.0	0.0	0.0	5.5840	11
MEAT PREPARED CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	0.0	0.0	37.8067	0.0	0.0	0.0	28.1901	13
MARGARINE,SHORTENING & LIKE PROD	0.0	0.0	0.0	0.0	-100.0000	0.0	140.8400	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	-0.2439	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	61.5395	0.0	17.9246	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	-5.3223	0.0	86.0954	0.0	-35.6673	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	12.6295	0.0	0.0	18
FRESH CREAM	0.0	0.0	0.0	-5.5148	-58.1970	0.0	18.0765	19
BUTTER	0.0	0.0	0.0	0.0	-1.4804	0.0	17.4139	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	-9.4041	-28.3862	8.0017	0.0	8.8078	21
MILK EVAPORATED	0.0	0.0	0.0	0.0	-35.3638	0.0	-100.0000	22
ICE CREAM	0.0	0.0	0.0	0.0	7.0487	0.0	0.0	23
OTHER DAIRY PROD	0.0	0.0	6.2961	-95.6527	18.9741	0.0	33.0443	24
RICE UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	-32.7678	0.0	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	1.8461	0.0	0.0	0.0	0.0	0.0	-29.8565	27
WHEAT FLOUR	0.0	0.0	-34.0914	-86.2126	0.0	0.0	2.3147	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	4.4200	-17.2756	-41.1318	-7.9789	-13.8490	29
VEGETABLES,FRESH	-100.0000	0.0	15.5279	-22.4737	0.0	-45.4468	18.2597	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.0	0.0	7.5063	-31.0630	0.0	0.0	0.1823	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	6.5511	0.0	0.0	-6.1422	-83.4468	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	0.0	0.0	0.0	24.0423	0.0	6.2914	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	0.0	0.0	-18.3651	0.0	28.8276	34
EGGS IN THE SHELL	0.0	0.0	0.0	0.0	0.0	0.0	-56.4468	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	0.0	0.0	2.3157	0.0	3.6789	36
SEEDS EX.OIL AND SEED GRADES	18.0981	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	24.6715	0.0	0.0	0.0	0.0	0.0	2.9893	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	0.0	0.0	206.2738	0.0	2852.5108	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	0.0	0.0	2.5554	0.0	39.3872	0.0	393.4340	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
BISCUITS	0.0	0.0	2.3781	0.0	0.3237	0.0	1.8468	42
BREAD & ROLLS	0.0	0.0	0.0	0.0	0.0	71.8709	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	-5.4754	0.0	6.1042	44
COCOA AND CHOCOLATE	0.0	0.0	0.0	0.0	103.0742	0.0	-4.4348	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	-0.1360	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	0.0	0.0	6202.2118	0.0	5.7252	47
SUGAR	0.0	0.0	-17.2309	0.0	5.6931	0.0	-13.5472	48
MOLASSES,SUGAR REFINERY PRODUCTS	0.0	0.0	8.0152	0.0	4.4926	0.0	-73.2055	49
OILSEED,MEAL & CAKE	55.1113	0.0	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	0.0	0.0	0.0	0.0	48.6748	0.0	-100.0000	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
BEET PULP	-22.8041	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 17

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY AGRICULTURE	FORESTRY	SLAUGHTERING & MEAT PROCESSORS	POULTRY PROCESSORS	DAIRY FACTORIES	FISH PRODUCTS INDUSTRY	FRUIT & VEG. PROCESSORS	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	14.0177	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	0.0	0.0	6.9796	-95.5422	-32.6045	-92.1128	-100.0000	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	0.0	0.0	-6.2526	0.0	-100.0000	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	3.2071	-21.1647	72.5027	0.0	-0.4466	62
VINEGAR	0.0	0.0	0.0	0.0	4.5812	-44.6842	-34.0545	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	667.8090	0.0	0.0	64
FISH PRODUCTS	0.0	0.0	-29.0479	0.0	0.0	16.6441	3.7649	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	0.0	0.0	-10.6567	0.0	66
HONEY AND BEESWAX	0.0	0.0	0.0	0.0	67.4114	0.0	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	0.0	0.0	6.0775	0.0	0.0	0.0	-100.0000	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	70
BREWERS& DISTILLERS' GRAINS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
WINES	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	13.2077	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	-20.8752	0.0	-100.0000	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	-0.1202	0.0	13.7156	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	26.3756	-56.9153	16.8481	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	-18.0649	0.0	0.0	0.0	0.0	0.0	14.5071	82
FEEDS OF VEG.ORIGIN NES	-76.4863	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	180.4914	0.0	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	47.0540	-61.8362	55.8284	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	19.8621	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	-6.1485	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	4.9812	-15.9766	-90.3477	-12.6798	-30.5343	-9.7135	-38.6112	92
FISHING & TRAPPING PROD.	0.0	0.0	0.0	0.0	0.0	-7.2623	0.0	93
TEXTILE PRODUCTS	-20.0375	11.1866	-62.4107	-5.1926	28.6310	-33.0038	-38.3722	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-16.1433	63.2473	-3.3630	-75.9449	-16.6716	-48.0515	37.2815	96
FURNITURE & FIXTURES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	-22.4359	0.0	-18.3232	44.0736	9.1103	-48.6204	4.0969	98
PRINTING & PUBLISHING	0.0	0.0	-100.0000	-100.0000	-100.0000	-100.0000	0.0	99
METALLIC ORES & CONCENTRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
MINERALS FUELS	9.1912	-93.4772	-14.8253	-37.4460	-48.1540	-78.2932	-57.3074	101
NON-METALLIC MINERALS	1.3699	0.0	-28.2009	164.4020	80.4992	-17.6077	-1.6949	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	0.0	0.0	0.0	0.0	3.3012	-81.2591	0.0	104
METAL FABRICATED PRODUCTS	136.6318	4.1324	12.7628	-13.2436	-29.5783	-20.0079	-6.4643	105
NON-METALLIC MINERALS PRODUCTS	9.4279	4.1682	8.7836	-100.0000	10.2496	-35.2487	34.4111	106

Table 18

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY AGRICULTURE	FORESTRY	SLAUGHTERING & MEAT PROCESSORS	POULTRY PROCESSORS	DAIRY FACTORIES	FISH PRODUCTS INDUSTRY	FRUIT & VEG. PROCESSORS	
PET & COAL PRODUCTS.	-4.2341	-25.0697	-23.2681	-45.3088	-55.5104	-25.9742	-38.3497	107
CHEMICALS,CHEMICAL PRODUCTS	-1.6757	13.1529	14.0256	-97.6664	-30.1380	-5.2455	-18.9755	108
NITROGEN FUNCTION COMPOUNDS NES	0.0	0.0	14.0125	0.0	9.8452	0.0	0.0	109
AUTOS,TRUCKS,CTHER TRANSP. EQUIPMENT	4.1620	6.4157	0.0	0.0	0.0	0.0	0.0	110
TRANSPORTATION & STORAGE	-1.0115	118.5967	2.0184	-16.2555	-12.9319	-15.7389	-8.3213	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
COMUNICATION SERVICES	13.4901	-0.1402	24.1211	-4.4178	17.3552	30.7851	34.9470	113
OTHER UTILITIES	0.7592	-58.7307	-1.2914	-6.4550	-6.8147	3.1640	-5.4962	114
MISC. MANUF.PRODUCTS	0.0	0.0	-84.5604	-13.2888	4.1481	-5.9758	0.0	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-18.1258	-21.4659	29.4999	1.8480	-15.8714	-4.5271	-2.4800	117
RUBBER,LEATHER.PLASTIC PRODUCTS	-10.0612	0.0	125.3090	138.4020	147.9165	-100.0000	-4.9401	118
WHOLESALE MARGIN	11.7474	8.2210	29.1056	-4.3157	20.4394	-7.6411	-3.4085	119
RETAIL MARGIN	26.7636	-16.4064	32.5497	-45.0574	-27.0123	-41.0697	-17.9076	120
OTHER FINANCE,INS & REAL ESTATE	-32.2432	-23.0737	14.6557	124.0784	13.0907	45.0646	19.1572	121
BUSINESS SERVICES	50.4261	-10.4894	12.3298	38.0305	29.8346	1.1773	3.3441	122
PERSONAL & OTHER MISC.SERVICES	-3.6874	30.4419	118.4243	26.7774	-22.3232	5.6440	23.6933	123
TRANSPORTATION MARGIN	27.3442	-18.9798	22.5243	-19.4464	3.2046	-13.6926	18.8279	124
OPERATING OFFICE & LAB & FOOD	10.8721	6.3346	7.7252	-12.9377	6.7153	-4.8820	-5.7089	125
TRAVEL ,ADVERTISEMENT & PROMOTION	15.6340	-49.1694	-18.6249	2.9516	-7.6045	-17.6155	-19.9932	126
IMPUTED RENT.CWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	16.4370	2.5922	0.0	0.0	0.0	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	75.0383	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	-100.0000	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-100.0000	0.0	7.7767	8.3673	-19.6163	-4.4855	-0.6563	132
NCN-COMPETING IMPORTS	0.0	0.0	-100.0000	0.0	0.0	0.0	304.5733	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	-197.6398	9.3640	26.9049	53.0359	70.6136	-2.7654	-4.1811	135
LABOR INCOME	-19.2679	-28.8096	-16.1213	-20.6742	-27.8891	-29.4169	-28.3388	136
NET INCOME UNINCORPORATED BUSINESS	-34.5412	-4.0922	-40.9976	-80.6561	-76.5273	20.7370	-54.1390	137
OTHER OPERATING SURPLUS	10.7917	-49.0015	9.8751	-20.0542	11.8851	115.2212	-11.6364	138

Table 19

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY FEED MANUFACTURERS	FLOUR & BREAKFAST CEREAL IND.	BISC. MFGRS.	BAKERIES	CONFECTIONERY MFGRS.	SUGAR REFINERIES	VEGETABLE OIL MILLS	
CATTLE AND CALVES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	0.0	25.1889	0.0	0.0	0.0	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	-14.9998	0.0	0.0	83.3716	0.0	0.0	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	-2.3582	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
MEAT PREPARED CANNED	0.0	0.0	0.0	30.5219	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	99.7836	-19.2123	18.4321	-12.6963	36.2252	0.0	0.0	13
MARGARINE,SHORTENING & LIKE PROD	-100.0000	43.9319	0.8505	-5.2000	-2.9636	0.0	0.0	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	11.7530	0.0	0.0	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	0.0	241.8121	-100.0000	0.0	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
FRESH CREAM	0.0	0.0	0.0	-100.0000	-63.0066	0.0	0.0	19
BUTTER	0.0	0.0	-39.7444	35.8374	-2.7310	0.0	0.0	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	-38.9145	-5.7838	0.0	0.0	0.0	21
MILK EVAPORATED	0.0	-100.0000	109.2907	-100.0000	15.4776	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	14.5697	0.0	0.0	0.0	23
OTHER DAIRY PROD	13.2647	8.2583	-38.1901	16.7359	-55.2429	0.0	0.0	24
RICE UNMILLED	-100.0000	19.6951	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	5.1040	-6.5048	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	-14.2813	13.8899	25.6544	0.0	-15.7727	0.0	0.0	27
WHEAT FLOUR	-64.8124	53.2061	-6.4825	-7.9336	63.6190	0.0	0.0	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	-41.7469	87.1679	24.7420	0.0	0.0	29
VEGETABLES,FRESH	4710.8064	30.1599	0.0	-100.0000	35.2742	13.1467	0.0	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.5580	0.0	0.0	11.2909	0.0	0.0	0.0	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	0.0	10.2993	0.0	0.0	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	-100.0000	18.9542	1.0079	-6.1838	1.2718	0.0	0.0	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	-21.7391	46.3685	2.4566	0.0	0.0	34
EGGS IN THE SHELL	0.0	0.0	-11.7023	2.1474	-54.9086	0.0	0.0	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	-100.0000	8.9648	-4.3153	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	25.4011	-100.0000	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	-97.9494	51.9077	-96.2884	5.3399	19.1025	0.0	-9.5986	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	232.3444	2.6055	12.0120	0.0	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	-15.4841	-41.4614	112.6023	873.5861	-15.8934	-67.8858	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	23.6283	0.0	0.0	41
BISCUITS	-6.4912	0.0	15.4577	7.9407	17.9470	0.0	0.0	42
BREAD & ROLLS	0.0	0.0	0.0	9.1729	0.0	0.0	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
COCOA AND CHOCOLATE	0.0	-15.1104	54.8627	-2.0292	-4.4528	0.0	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	17.5217	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	17.7725	6.2048	16.9456	0.0	0.0	47
SUGAR	8.5869	-44.8266	14.2068	-21.8777	-37.8311	-100.0000	0.0	48
MOLASSES,SUGAR REFINERY PRODUCTS	-15.4078	102.5436	5.2101	-52.8842	22.9600	-100.0000	0.0	49
OILSEED,MEAL & CAKE	-4.6429	12.9197	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	-100.0000	540.0644	52.4115	108.4192	-10.0120	0.0	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	-19.1771	0.0	0.0	0.0	52
BEET PULP	-47.3245	-100.0000	0.0	0.0	0.0	0.0	0.0	53

Table 20

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY FEED MANUFACTURERS	FLOUR & BREAKFAST CEREAL IND.	BISC. MFGRS.	BAKERIES	CONFECTIONERY MFGRS.	SUGAR REFINERIES	VEGETABLE OIL MILLS	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	8.7588	-33.8128	-46.9273	-25.8513	-10.0278	-100.0000	-7.2895	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	0.0	4.2018	0.0	0.0	0.0	62
VINEGAR	0.0	0.0	0.0	6.1924	0.0	0.0	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
FISH PRODUCTS	6.3236	-51.9945	0.0	8.8563	0.0	0.0	0.0	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	9.6380	0.0	0.0	0.0	66
HONEY AND BEESWAX	0.0	36.6679	19.9267	69.6778	20.2438	0.0	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	1737.0786	-69.4179	-100.0000	-100.0000	20.2869	55.2857	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70
BREWERS& DISTILLERS' GRAINS	-18.9045	-89.1252	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
WINES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	-100.0000	0.0	0.0	0.0	20.7881	0.0	-81.4932	78
FEEDS OF ANIMAL ORIGIN NES	-21.7119	83.2189	0.0	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	19.9197	13.4153	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	-81.1984	347.5418	0.0	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	-15.3962	32.6702	0.0	0.0	0.0	0.0	0.0	82
FEEDS OF VEG.ORIGIN NES	-56.6395	47.4660	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	224.2437	0.0	0.0	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	-100.0000	0.0	0.0	-24.8981	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	-100.0000	0.0	0.0	0.0	0.0	0.0	0.0	93
TEXTILE PRODUCTS	-30.2875	-30.7994	13.1969	-8.9818	132.8089	-56.0762	-59.5990	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-10.0868	-90.5491	-100.0000	-22.3205	-6.8704	-100.0000	0.0	96
FURNITURE & FIXTURES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	15.0976	-2.2084	-3.2360	-25.9390	-9.0269	-14.3923	1160.3780	98
PRINTING & PUBLISHING	0.0	-100.0000	-100.0000	0.0	3209.7410	-100.0000	0.0	99
METALLIC ORES & CONCENTRATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100
MINERALS FUELS	-62.2960	-56.4056	-39.5088	-9.4918	-38.7279	-58.0990	-5.5052	101
NON-METALLIC MINERALS	299.8534	248.6947	21.2915	16.1640	23.0268	-19.5069	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	-2.5931	0.0	0.0	0.0	17.0859	0.0	-46.9157	104
METAL FABRICATED PRODUCTS	24.8572	-90.4547	1.3549	-13.1898	0.2420	126.3552	34.6947	105
NON-METALLIC MINERALS PRODUCTS	-100.0000	0.0	7.5975	-12.7017	16.1090	31.4440	-100.0000	106

Table 21

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY							
	FEED MANUFACTURERS	FLOUR & BREAKFAST CEREAL IND.	BISC. MFGRS.	BAKERIES	CONFECTIONERY MFGRS.	SUGAR REFINERIES	VEGETABLE OIL MILLS	
PET & COAL PRODUCTS.	-58.1866	-40.2160	-19.8519	-48.7748	-23.8325	-24.6139	39.8798	107
CHEMICALS,CHEMICAL PRODUCTS	22.7747	16.9339	-49.0944	-71.9035	-20.6873	-22.3189	22.4689	108
NITROGEN FUNCTION COMPOUNDS NES	-88.4615	-100.0000	-100.0000	-100.0000	28.8496	0.0	-1.1238	109
AUTOS,TRUCKS,CTHER TRANSP. EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110
TRANSPORTATION & STORAGE	-45.6985	30.5753	9.9262	-7.4245	17.7817	51.7894	776.8443	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
COMUNICATION SERVICES	41.4244	42.9936	39.8350	32.6154	46.0218	36.4896	92.6488	113
OTHER UTILITIES	-12.0217	24.0031	4.9951	-28.4112	11.1399	42.6446	-8.7397	114
MISC. MANUF.PRODUCTS	0.0	23.4742	-100.0000	0.0	22.8491	0.0	0.0	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	44.0877	165.1922	-31.6897	-12.0800	-56.1335	-20.7252	-46.0393	117
RUBBER,LEATHER,PLASTIC PRODUCTS	-100.0000	27.6005	205.2129	118.9417	175.8902	2301.6890	-100.0000	118
WHOLESALE MARGIN	-5.1752	71.8749	33.8148	17.6916	-11.9578	12.8354	-7.1109	119
RETAIL MARGIN	-22.7334	-33.0147	-15.0137	2.9603	48.1547	-58.5634	-40.4948	120
OTHER FINANCE,INS & REAL ESTATE	4.1357	67.4283	-3.0967	5.4756	4.9721	-18.2706	7.5504	121
BUSINESS SERVICES	15.3841	18.4780	-0.6685	2.4971	0.8408	51.8773	20.9113	122
PERSONAL & OTHER MISC.SERVICES	94.5885	63.4933	61.9934	10.4936	127.1462	44.0704	160.3059	123
TRANSPORTATION MARGIN	24.5422	49.4912	14.0980	2.6741	3.5063	15.9798	-16.8157	124
OPERATING OFFICE & LAB & FOOD	13.6794	48.5924	-25.7447	14.6407	23.0695	-3.2443	100.6637	125
TRAVEL ,ADVERTISEMENT & PROMOTION	-18.7597	0.8618	-20.8532	-20.1108	-16.7141	-8.0312	-6.7459	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-56.7769	50.8756	3834.2236	71.1761	0.9603	0.0	0.7794	132
NON-COMPETING IMPORTS	0.0	0.0	0.0	0.0	7.0505	64.5798	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	32.5153	-3.8122	-13.0391	20.0449	6.8496	23.9399	-16.4982	135
LABOR INCOME	-32.9590	-16.6788	-27.6841	-24.1706	-29.8294	-17.6417	-16.4512	136
NET INCOME UNINCORPORATED BUSINESS	-56.2299	-78.6632	-83.0974	-18.8707	-21.6592	0.0	0.0	137
OTHER OPERATING SURPLUS	2.1357	-50.3533	-6.1541	-14.9512	-6.7649	-9.0014	74.9434	138

Table 22

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY MISC.FOOD IN D.	SOFT DRINKS MFGRS.	DISTILLERS	BREWERIES	WINERIES	LEAF TOBACCO PROCESSING	TOBACCO PROD .MFGRS.	
CATTLE AND CALVES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	102.3330	0.0	0.0	0.0	0.0	0.0	0.0	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	-15.8223	0.0	0.0	0.0	0.0	0.0	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	5.8840	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	106.4815	0.0	0.0	0.0	0.0	0.0	0.0	11
MEAT PREPARED CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	-50.7365	0.0	0.0	0.0	0.0	0.0	0.0	13
MARGARINE,SHORTENING & LIKE PROD	-16.8424	0.0	0.0	0.0	0.0	0.0	0.0	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	-79.0478	0.0	0.0	0.0	0.0	0.0	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
FRESH CREAM	332.7733	0.0	0.0	0.0	0.0	0.0	0.0	19
BUTTER	262.8762	0.0	0.0	0.0	0.0	0.0	0.0	20
CHEESE,CHEDAR & PROCESSED	-20.0861	0.0	0.0	0.0	0.0	0.0	0.0	21
MILK EVAPORATED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
OTHER DAIRY PROD	4.9931	0.0	0.0	0.0	0.0	0.0	0.0	24
RICE UNMILLED	-42.6432	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	3.1998	0.0	215.2575	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	-16.5250	0.0	1.3290	-6.9429	0.0	0.0	0.0	27
WHEAT FLOUR	-0.8977	0.0	0.0	0.0	0.0	0.0	0.0	28
FRUITS,FRESH,EX.TROPICAL	119.2325	0.0	-100.0000	0.0	-4.3579	0.0	0.0	29
VEGETABLES,FRESH	34.9284	0.0	0.0	0.0	0.0	0.0	0.0	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	-10.2340	0.0	0.0	0.0	0.0	0.0	0.0	31
VEGETABLES & PREPARATIONS CANNED	-6.3147	0.0	0.0	0.0	0.0	0.0	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	22.3467	37.6359	-20.1719	0.0	30.8541	0.0	0.0	33
FRUITS & PREPARATIONS CANNED	-7.9858	0.0	0.0	0.0	0.0	0.0	0.0	34
EGGS IN THE SHELL	-0.4590	0.0	0.0	0.0	0.0	0.0	0.0	35
NUTS,EDIBLE,NOT SHELLED	23.5979	0.0	0.0	0.0	0.0	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	-8.0369	0.0	0.0	0.0	0.0	0.0	0.0	38
NUTS,KERNELS AND SEEDS PREPARED	-97.0811	0.0	0.0	0.0	0.0	0.0	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	12.3175	0.0	0.0	-15.5083	0.0	0.0	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
BISCUITS	-9.6465	0.0	0.0	0.0	0.0	0.0	0.0	42
BREAD & ROLLS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
COCOA AND CHCCOLATE	-34.9922	0.0	0.0	0.0	0.0	0.0	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
OTHER CONFECTIONERY	5.8840	0.0	0.0	0.0	0.0	0.0	0.0	47
SUGAR	9.6430	7.4371	25.8827	-100.0000	38.5198	0.0	-79.3886	48
MOLASSES,SUGAR REFINERY PRODUCTS	-5.0524	0.0	-41.4813	0.0	0.0	0.0	-4.6129	49
OILSEED,MEAL & CAKE	-100.0000	0.0	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	-40.4216	0.0	0.0	-46.9815	0.0	0.0	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
BEET PULP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 23

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY MISC.FOOD IN D.	SOFT DRINKS MFGRS.	DISTILLERS	BREWERIES	WINERIES	LEAF TOBACCO PROCESSING	TOBACCO PROD .MFGRS.	
SOUPS,DRIED & SOUP MIXES & BASES	-3.6225	0.0	0.0	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	-11.6094	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	-33.1908	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	-1.8256	-45.2322	-20.2965	-100.0000	-6.1978	0.0	0.0	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	-16.4510	0.0	-100.0000	0.0	0.0	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	-62.6285	0.0	0.0	0.0	0.0	0.0	0.0	62
VINEGAR	-18.2470	0.0	0.0	0.0	0.0	0.0	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
FISH PRODUCTS	-7.7575	0.0	0.0	0.0	0.0	0.0	0.0	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66
HONEY AND BEESWAX	6.4959	0.0	0.0	0.0	5.4896	0.0	3.7834	67
MALT,MALT FLOUR & WHEAT STARCH	-36.8382	0.0	-35.7560	-21.3007	0.0	0.0	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	-100.0000	48.5796	21.9910	0.0	329.3255	0.0	0.0	69
ALCOHOL,NATURAL ETHYL	-6.7859	0.0	-13.7551	0.0	0.0	0.0	0.0	70
BREWERS& DISTILLERS' GRAINS	-0.2542	0.0	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	3.0573	0.0	0.0	0.0	72
WINES	0.0	0.0	-14.1490	0.0	-84.6411	0.0	0.0	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	13.0824	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	2.0607	-100.0000	77
VEG,OILS & FATS,CRUDE	45.7605	0.0	0.0	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	3.9156	0.0	0.0	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82
FEEDS OF VEG.ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	-6.6400	0.0	0.0	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	11.7264	0.0	0.0	10.0718	0.0	0.0	0.0	86
HAY FORAGE & STRAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	241.2472	0.0	0.0	0.0	0.0	0.0	0.0	93
TEXTILE PRODUCTS	0.0	0.0	0.0	0.0	0.0	-47.0597	0.0	94
KNITTED PRODUCTS & CLOTHING	-23.9034	-100.0000	-31.1491	-20.6130	0.1514	0.0	0.0	95
LUMBER,SAWMILL,CTHER WOOD PRODUCTS	0.0	0.0	0.0	0.0	0.0	-56.2249	107.1975	96
FURNITURE & FIXTURES	-4.7560	23.3817	-22.0711	9.4451	144.0026	0.0	0.0	97
PAPER & PAPER PRODUCTS	0.0	-61.8899	15.4975	-14.6446	0.1392	-53.3493	7.0119	98
PRINTING & PUBLISHING	0.0	0.0	0.0	0.0	0.0	0.0	-18.7921	99
METALLIC ORES & CONCENTRATES	-5.0635	-38.8148	20.9264	2.4720	-34.9578	-72.5443	16.8629	100
MINERALS FUELS	17.8460	0.0	0.0	-5.6938	0.0	0.0	0.0	101
NON-METALLIC MINERALS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	102
SERVICES INCIDENTAL TO MINING	-7.7019	13.5804	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	-17.7136	97.8395	-1.2033	-24.4624	-100.0000	0.0	34.9937	104
METAL FABRICATED PRODUCTS	58.8471	127.2872	25.7314	38.6918	21.8554	0.0	0.0	105
NON-METALLIC MINERALS PRODUCTS								106

Table 24

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY MISC.FOOD IN D.	SOFT DRINKS MFGRS.	DISTILLERS	BREWERIES	WINERIES	LEAF TOBACCO PROCESSING	TOBACCO PROD .MFGRS.	
PET & COAL PRODUCTS.	-24.0355	-40.3622	-24.3017	-31.2799	-54.3038	-9.9769	-36.2006	107
CHEMICALS,CHEMICAL PRODUCTS	5.2999	24.9468	-32.2822	-2.6516	140.9458	-0.1625	0.0	108
NITROGEN FUNCTION COMPOUNDS NES	-80.0199	0.0	0.0	0.0	0.0	0.0	0.0	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	110
TRANSPORTATION & STORAGE	-55.1030	-15.4916	-43.9314	4.1973	-36.6398	-24.9482	-19.7898	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112
COMUNICATION SERVICES	48.3641	34.1951	169.9386	30.2927	146.7299	36.2489	47.5480	113
OTHER UTILITIES	8.9805	12.0142	6.1296	5.5584	-16.7263	-3.2670	31.4135	114
MISC. MANUF.PRODUCTS	0.7209	0.0	0.0	0.0	-2.3737	0.0	0.0	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-19.6691	-17.4953	-33.9533	-7.0388	-45.3693	54.8849	71.4279	117
RUBBER,LEATHER,PLASTIC PRODUCTS	180.3039	0.0	0.0	26.2249	0.0	0.0	36.1467	118
WHOLESALE MARGIN	5.9071	50.1326	-11.9323	-11.3522	3.8777	1024.8905	-75.9495	119
RETAIL MARGIN	-25.3233	-4.6956	-9.4370	-31.5386	-12.9817	-28.2145	12.4083	120
OTHER FINANCE,INS & REAL ESTATE	-4.2102	-8.9320	59.7626	2.9254	-39.1309	18.0806	-11.6143	121
BUSINESS SERVICES	2.4384	23.2854	-2.2555	-0.7591	14.2509	-23.6071	8.2316	122
PERSONAL & OTHER MISC.SERVICES	54.8764	249.6609	164.3805	147.2830	-26.4510	77.7054	75.5836	123
TRANSPORTATION MARGIN	24.7661	44.5361	30.2315	-8.5750	35.0778	-34.4988	4.9314	124
OPERATING OFFICE & LAB & FOOD	8.9265	9.5357	-9.3312	-19.5885	39.4888	-17.6120	-16.5087	125
TRAVEL ,ADVERTISEMENT & PROMOTION	-29.6195	-29.7541	-8.2029	-26.3397	-27.0112	-28.4346	-11.9898	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	0.0	24.4382	0.0	0.0	0.0	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	-5.2038	0.0	0.0	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-58.3898	94.0555	-6.9388	-100.0000	-37.5777	5092.4863	-21.2981	132
NON-COMPETING IMPORTS	-17.3731	0.0	0.0	0.0	-44.2928	0.0	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	-13.2259	3.3497	0.2151	-31.5283	-30.6340	-23.1882	-24.9100	135
LABOR INCOME	-23.0452	-30.3397	-30.1849	-29.9655	-46.5025	-26.6816	-22.2946	136
NET INCOME UNINCORPORATED BUSINESS	-22.4844	-81.1577	0.0	0.0	-100.0000	0.0	-100.0000	137
OTHER OPERATING SURPLUS	26.1519	-10.8349	-4.8625	1.3330	-1.1358	-66.8238	64.6930	138

Table 25

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY FISH'G,HUNT'G & TRAPP'G	MINES,QUARRIES&OIL WELLS	MANUFACTURING EXCEPT FOOD	COMMUNICATIONS	TRANSP & STORAGE	ELEC.POWER,GAS,OTHER UTILITIES	WHOLESALE TRADE	
CATTLE AND CALVES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
POULTRY CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
OTHER LIVE ANIMALS	0.0	0.0	125.3262	0.0	0.0	0.0	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
MEAT PREPARED CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
ANIMAL OILS AND FATS AND LARD	0.0	0.0	-21.5516	0.0	0.0	0.0	0.0	13
MARGARINE,SHORTENING & LIKE PROD	0.0	0.0	0.0	0.0	0.0	0.0	-9.5768	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	-100.0000	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	-99.8936	18
FRESH CREAM	0.0	0.0	0.0	0.0	0.0	0.0	-99.9074	19
BUTTER	0.0	0.0	0.0	0.0	0.0	0.0	-99.5560	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	-97.5875	21
MILK EVAPORATED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
ICE CREAM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
OTHER DAIRY PROD	0.0	0.0	-3.2669	0.0	0.0	0.0	-99.1387	24
RICE UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	0.0	0.0	0.0	0.0	0.0	0.0	151.2084	27
WHEAT FLOUR	0.0	0.0	-47.2069	0.0	0.0	0.0	-54.0448	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	0.0	0.0	0.0	0.0	-49.6564	29
VEGETABLES,FRESH	0.0	0.0	0.0	0.0	0.0	0.0	8.3558	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	0.0	-100.0000	0.0	0.0	0.0	0.0	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34
EGGS IN THE SHELL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	0.0	0.0	-10.2093	0.0	0.0	0.0	0.0	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	0.0	0.0	67.7182	0.0	0.0	0.0	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41
BISCUITS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	42
BREAD & ROLLS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44
COCOA AND CHOCOLATE	0.0	0.0	166.3927	0.0	0.0	0.0	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47
SUGAR	0.0	0.0	460.4604	0.0	0.0	0.0	-61.2309	48
MOLASSES,SUGAR REFINERY PRODUCTS	0.0	0.0	-51.8374	0.0	0.0	0.0	0.0	49
OILSEED,MEAL & CAKE	0.0	0.0	10.9179	0.0	0.0	0.0	-100.0000	50
MAPLE SUGAR & SYRUP	0.0	0.0	66.6234	0.0	0.0	0.0	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52
BEET PULP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 26

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY FISH'G,HUNT'G & TRAPP'G	MINES,QUARRIES&OIL WELLS	MANUFACTURING EXCEPT FOOD	COMMUNICATIONS	TRANSP & STORAGE	ELEC.POWER,GAS,OTHER UTILITIES	WHOLESALE TRADE	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	55
TEA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	0.0	0.0	-7.0300	0.0	0.0	0.0	-87.5980	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60
SOUPS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62
VINEGAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	64
FISH PRODUCTS	0.0	0.0	-51.1861	0.0	0.0	0.0	-69.8777	65
MUSTARD MAYONNAISE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66
HONEY AND BEESWAX	0.0	0.0	16.2175	0.0	0.0	0.0	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	0.0	0.0	172.7898	0.0	0.0	0.0	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	20.3410	0.0	0.0	0.0	0.0	70
BREWERS& DISTILLERS' GRAINS	0.0	0.0	71.7482	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	72
WINES	0.0	0.0	210.9438	0.0	0.0	0.0	0.0	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	-100.0000	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	-35.6357	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	0.0	0.0	226.5679	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	0.0	0.0	0.0	0.0	14.3929	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	0.0	0.0	-100.0000	0.0	0.0	0.0	-100.0000	82
FEEDS OF VEG.ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	0.0	0.0	-100.0000	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	0.0	0.0	37.7449	0.0	94.1344	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	-33.1328	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	-8.4396	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	-90.5584	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	0.0	-100.0000	-1.1489	0.0	0.0	0.0	0.0	92
FISHING & TRAPPING PROD.	-34.8374	0.0	-39.2997	0.0	0.0	0.0	0.0	93
TEXTILE PRODUCTS	-8.1266	42.5986	-0.5161	-10.7024	-9.3095	0.0	46.7741	94
KNITTED PRODUCTS & CLOTHING	0.0	0.0	27.3040	0.0	0.0	0.0	-100.0000	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-26.8141	-36.6876	-5.5148	0.0	0.0	0.0	5.4908	96
FURNITURE & FIXTURES	0.0	0.0	10.7831	0.0	0.0	0.0	0.0	97
PAPER & PAPER PRODUCTS	0.0	-51.2906	-7.8527	0.0	-12.5920	0.0	-1.2270	98
PRINTING & PUBLISHING	0.0	27.2880	11.7328	-8.3158	-10.6261	53.8736	3.3173	99
METALLIC ORES & CONCENTRATES	0.0	-57.4658	-5.3360	0.0	0.0	-100.0000	-80.9768	100
MINERALS FUELS	-5.5573	-10.4724	11.4303	-9.6651	-14.0746	55.5069	-30.8508	101
NON-METALLIC MINERALS	-37.6037	21.6948	-17.7551	0.0	-5.4767	0.0	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	66.2315	0.0	0.0	0.0	0.0	0.0	103
PRIMARY METAL PRODUCTS	0.0	54.7225	-8.3664	0.0	-20.0546	0.0	-9.0267	104
METAL FABRICATED PRODUCTS	-15.8382	20.2964	-5.8268	0.0	-17.0851	0.0	-7.5049	105
NON-METALLIC MINERALS PRODUCTS	-16.3954	97.6508	-1.8700	0.0	-15.8699	0.0	-37.7354	106

Table 27

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY FISH'G,HUNT'G & TRAPP'G	MINES,QUARRIES&OIL WELLS	MANUFACTURING EXCEPT FOOD	COMMUNICATIONS	TRANSP & STORAGE	ELEC.POWER,GAS,OTHER UTILITIES	WHOLESALE TRADE	
PET & COAL PRODUCTS.	18.4873	-19.3798	-9.2814	-25.6395	-4.8858	12.6726	-1.3060	107
CHEMICALS,CHEMICAL PRODUCTS	-14.4967	-2.7489	3.6963	48.2677	0.1218	-100.0000	62.9928	108
NITROGEN FUNCTION COMPOUNDS NES	0.0	0.0	11.2208	0.0	0.0	0.0	0.0	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	-15.6692	82.9571	22.1066	0.0	17.1295	0.0	0.0	110
TRANSPORTATION & STORAGE	-14.0113	-21.7681	-4.9332	-35.0104	13.7298	9.5243	-23.5110	111
ELEC & COMMUNICATIONS PRODUCTS	-9.3393	-33.3692	-1.8560	-4.6260	36.0123	0.0	-50.8976	112
COMUNICATION SERVICES	22.7382	-1.4091	22.3897	-6.0428	43.5784	48.3032	21.0654	113
OTHER UTILITIES	-1.7457	5.7342	9.8187	50.1944	13.3974	-18.3630	-13.5166	114
MISC. MANUF.PRODUCTS	21.4415	0.0	7.0078	88.6073	66.8810	0.0	43.7967	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-23.9852	75.6489	-9.5338	-41.6867	-16.0852	5.6549	-42.6641	117
RUBBER,LEATHER.PLASTIC PRODUCTS	0.0	0.0	7.9041	0.0	65.5450	0.0	11.3593	118
WHOLESALE MARGIN	19.0041	6.9977	-2.2791	-6.7220	23.9081	57.1070	-7.8848	119
RETAIL MARGIN	5.7594	-31.7701	-0.5126	-38.4725	28.7372	-0.3304	0.0135	120
OTHER FINANCE,INS & REAL ESTATE	28.7901	-2.5549	-3.5751	-33.9215	35.5812	-7.9209	-3.5804	121
BUSINESS SERVICES	-8.3319	24.6764	31.0804	30.5528	53.8511	55.5689	7.8576	122
PERSONAL & OTHER MISC.SERVICES	-8.5029	-26.7219	48.5182	-12.6866	55.5013	28.9851	-14.9715	123
TRANSPORTATION MARGIN	6.8994	-0.0654	4.0364	-15.1101	48.8024	41.0515	-11.4893	124
OPERATING OFFICE & LAB & FOOD	28.6949	-1.3669	9.7402	-17.7602	-4.3505	71.0061	-29.4076	125
TRAVEL ,ADVERTISEMENT & PROMOTION	0.0	-17.9107	-19.4325	-25.9041	-6.9417	-4.5686	-24.3179	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	-18.1225	-20.4515	13.3695	-17.5214	6.0963	0.0	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	66.8612	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132
NON-COMPETING IMPORTS	0.0	0.0	-41.3252	0.0	0.0	0.0	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	134
INDIRECT TAXES	-0.1288	111.5168	12.5029	-20.5813	240.1998	-22.3960	-29.4831	135
LABOR INCOME	-26.8396	-28.2647	-28.5343	-41.0952	-29.0675	-27.6707	-23.3234	136
NET INCOME UNINCORPORATED BUSINESS	-19.3551	-8.0770	-36.9048	0.0	-5.6258	-100.0000	-23.5825	137
OTHER OPERATING SURPLUS	32.1522	-14.8843	-12.2350	-12.7146	-10.3657	-1.8293	-5.7092	138

Table 28

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY RETAIL TRADE	FIN,INS, REAL ESTATE	COMMUNITY BU S,PERSONAL S ERV.	TRANSP. INS	MARG	CONSTRUCTION	OPER.OFFICE, LAB & FOOD	TRAVEL & ADV ER'G PROMOTION	
CATTLE AND CALVES	-48.0065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
SHEEP AND LAMBS	-23.1230	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
HOGS	-34.2721	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
POULTRY	-43.4741	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
POULTRY,FRESH,FROZEN,CHILLED	0.0	0.0	7.4040	0.0	0.0	0.0	11.8279	0.0	5
POULTRY CANNED	0.0	0.0	8.7052	0.0	0.0	0.0	19.7734	0.0	6
OTHER LIVE ANIMALS	19.5449	0.0	0.0	0.0	0.0	0.0	37.0754	0.0	7
BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	0.0	0.0	-20.9721	0.0	0.0	0.0	-7.7472	0.0	8
HORSE MEAT FRESH,CHILLED,FROZEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
MEAT CURED	0.0	0.0	-8.6213	0.0	0.0	0.0	-8.2923	0.0	10
MEAT,PREPARED,COOKED NOT CANNED	0.0	0.0	-8.5480	0.0	0.0	0.0	-5.6384	0.0	11
MEAT PREPARED CANNED	0.0	0.0	4.3573	0.0	0.0	0.0	14.7173	0.0	12
ANIMAL OILS AND FATS AND LARD	0.0	0.0	8.6526	0.0	0.0	0.0	22.2482	0.0	13
MARGARINE,SHORTENING & LIKE PROD	0.0	0.0	-16.9782	0.0	0.0	0.0	-3.8845	0.0	14
SAUSAGE CASINGS,NATURAL AND SYNTH.	251.4971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
PRIMARY TANKAGE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
MILK,WHOLE,FLUID,PROCESSED	0.0	0.0	-21.4316	0.0	0.0	0.0	-6.3954	0.0	17
MILK,WHOLE,FLUID,UNPROCESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
FRESH CREAM	0.0	0.0	-0.0221	0.0	0.0	0.0	10.4132	0.0	19
BUTTER	0.0	0.0	-0.8495	0.0	0.0	0.0	9.4783	0.0	20
CHEESE,CHEDAR & PROCESSED	0.0	0.0	-24.2030	0.0	0.0	0.0	-16.1401	0.0	21
MILK EVAPORATED	0.0	0.0	-15.1384	0.0	0.0	0.0	-6.2972	0.0	22
ICE CREAM	0.0	0.0	-7.7906	0.0	0.0	0.0	1.9679	0.0	23
OTHER DAIRY PROD	0.0	0.0	-11.8184	0.0	0.0	0.0	-2.2279	0.0	24
RICE UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
WHEAT UNMILLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
BARLEY,OATS,RYE,CORN,GRAIN NES.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27
WHEAT FLOUR	0.0	0.0	-16.4607	0.0	0.0	0.0	-7.7485	0.0	28
FRUITS,FRESH,EX.TROPICAL	0.0	0.0	-12.0140	0.0	0.0	0.0	-2.8524	0.0	29
VEGETABLES,FRESH	0.0	0.0	-0.2493	0.0	0.0	0.0	8.2543	0.0	30
VEG.FRESH,FROZEN,DRIED & PRESERVED	0.0	0.0	-12.8557	0.0	0.0	0.0	-4.5669	0.0	31
VEGETABLES & PREPARATIONS CANNED	0.0	0.0	-10.9341	0.0	0.0	0.0	-1.8705	0.0	32
FRUITS,BERRIES,DRIED,CRYSTALIZED	0.0	0.0	-11.9653	0.0	0.0	0.0	-2.8087	0.0	33
FRUITS & PREPARATIONS CANNED	0.0	0.0	-14.0432	0.0	0.0	0.0	-14.5080	0.0	34
EGGS IN THE SHELL	0.0	0.0	0.4232	0.0	0.0	0.0	10.9119	0.0	35
NUTS,EDIBLE,NOT SHELLED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36
SEEDS EX.OIL AND SEED GRADES	0.0	0.0	-6.4398	0.0	-6.0745	0.0	0.0	0.0	37
OIL SEEDS,NUTS AND KERNELS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38
NUTS,KERNELS AND SEEDS PREPARED	0.0	0.0	-10.5502	0.0	0.0	0.0	-1.1565	0.0	39
MEAL & FLOUR OF OTHER CEREALS & VEG.	0.0	0.0	-13.4307	0.0	0.0	0.0	-4.8970	0.0	40
BREAKFAST CEREAL PRODUCTS	0.0	0.0	-13.2736	0.0	0.0	0.0	-3.7695	0.0	41
BISCUITS	0.0	0.0	-15.0320	0.0	0.0	0.0	-5.3970	0.0	42
BREAD & ROLLS	0.0	0.0	-9.9084	0.0	0.0	0.0	-1.9933	0.0	43
OTHER BAKING PRODUCTS	0.0	0.0	-15.4051	0.0	0.0	0.0	-6.5425	0.0	44
COCOA AND CHOCOLATE	0.0	0.0	-28.4294	0.0	0.0	0.0	-21.3654	0.0	45
CHOCOLATE CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46
OTHER CONFECTIONERY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47
SUGAR	0.0	0.0	-34.1966	0.0	0.0	0.0	-27.2708	0.0	48
MOLASSES,SUGAR REFINERY PRODUCTS	0.0	0.0	-7.8695	0.0	0.0	0.0	-0.4837	0.0	49
OILSEED,MEAL & CAKE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50
MAPLE SUGAR & SYRUP	0.0	0.0	-9.3454	0.0	0.0	0.0	0.3446	0.0	51
PREPARED CAKE & SIMILAR MIXES	0.0	0.0	-10.7588	0.0	0.0	0.0	-1.5680	0.0	52
BEET PULP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53

Table 29

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY RETAIL TRADE	FIN,INS,REAL ESTATE	COMMUNITY BU S,PERSONAL S ERV.	TRANSP. MARG INS	CONSTRUCTION	OPER.OFFICE, LAB & FOOD	TRAVEL & ADV ER'G PROMOTI ON	
SOUPS,DRIED & SOUP MIXES & BASES	0.0	0.0	-9.6098	0.0	0.0	1.5144	0.0	54
COFFEE,ROASTED,GROUND,PREPARED	0.0	0.0	-16.0179	0.0	0.0	15.6194	0.0	55
TEA	0.0	0.0	0.4066	0.0	0.0	13.4159	0.0	56
POTATO CHIPS & SIMILAR PRODUCTS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57
MISC. FOOD NES	0.0	0.0	-15.3072	0.0	0.0	-1.1335	0.0	58
SOFTDRINK CONCENTRATES & SYRUP	0.0	0.0	-20.4340	0.0	0.0	-31.7282	0.0	59
CARBONATED BEV. SOFT DRINKS	0.0	0.0	-22.1198	0.0	0.0	-20.7052	0.0	60
SOUPS CANNED	0.0	0.0	-13.9526	0.0	0.0	-5.3784	0.0	61
PICKLES,RELISHES,OTHER SAUCES	0.0	0.0	-16.1429	0.0	0.0	-7.5007	0.0	62
VINEGAR	0.0	0.0	-12.9739	0.0	0.0	-4.2983	0.0	63
OTHER FOOD PREPARATIONS	0.0	0.0	-10.7776	0.0	0.0	-1.3020	0.0	64
FISH PRODUCTS	0.0	0.0	-9.4049	0.0	0.0	-3.3468	0.0	65
MUSTARD MAYONNAISE	0.0	0.0	-12.5573	0.0	0.0	-1.7860	0.0	66
HONEY AND BEESWAX	0.0	0.0	2.5342	0.0	0.0	13.4760	0.0	67
MALT,MALT FLOUR & WHEAT STARCH	0.0	0.0	-61.4407	0.0	0.0	0.0	0.0	68
ALCOHOLIC BEVERAGES DISTILLED	0.0	0.0	0.0	0.0	0.0	0.0	21.7989	69
ALCOHOL,NATURAL ETHYL	0.0	0.0	0.0	0.0	-26.4376	-18.4794	0.0	70
BREWERS& DISTILLERS' GRAINS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	71
ALE,BEER,STOUT & PORTER	0.0	0.0	0.0	0.0	0.0	0.0	5.6650	72
WINES	0.0	0.0	0.0	0.0	0.0	0.0	118.6941	73
TOBACCO PROCESSED,UNMANUFACTURED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74
CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75
TOBACCO MFG EX.CIGARETTES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	76
TOBACCO RAW	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77
VEG,OILS & FATS,CRUDE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	78
FEEDS OF ANIMAL ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	79
PRIMARY OR CONCENTRATED FEEDS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80
FEEDS FOR COMMERCIAL LIVESTOCK	0.0	0.0	-9.0896	0.0	0.0	0.0	0.0	81
FEEDS,GRAIN ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	82
FEEDS OF VEG.ORIGIN NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83
PET FEEDS	0.0	0.0	12.5263	0.0	0.0	0.0	0.0	84
INFANT & JUNIOR FOODS CANNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85
HOPS INCLUDING LUPULIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86
HAY FORAGE & STRAW	0.0	0.0	20.0615	0.0	0.0	0.0	0.0	87
HIDES & SKINS,RAW NES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88
MINK SKINS,RANCH & UNDRESSED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	89
WOOL IN GREASE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90
SERV.INCIDENTAL TO AG.& FORESTRY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91
FORESTRY PROD	0.0	0.0	0.0	0.0	-19.3273	0.0	0.0	92
FISHING & TRAPPING PROD.	0.0	0.0	-9.9938	0.0	0.0	-0.5830	0.0	93
TEXTILE PRODUCTS	-94.0841	0.0	-7.4113	0.0	9.2297	1.5172	0.0	94
KNITTED PRODUCTS & CLOTHING	-45.9558	0.0	11.1505	0.0	0.0	-11.8184	0.0	95
LUMBER,SAWMILL,OTHER WOOD PRODUCTS	-67.1935	0.0	-26.9501	0.0	-18.4434	-14.5199	0.0	96
FURNITURE & FIXTURES	0.0	0.0	9.1012	0.0	-36.9475	0.0	0.0	97
PAPER & PAPER PRODUCTS	-2.2907	0.0	9.2767	0.0	-2.8935	-3.8413	20.9983	98
PRINTING & PUBLISHING	1.6484	19.7880	-1.2847	0.0	0.0	-9.6690	10.8416	99
METALLIC ORES & CONCENTRATES	0.0	0.0	-9.5208	0.0	0.0	0.0	0.0	100
MINERALS FUELS	-4.5769	13.3271	-28.8184	0.0	-11.0743	0.0	0.0	101
NON-METALLIC MINERALS	0.0	0.0	-18.3473	0.0	-38.8278	-4.7791	0.0	102
SERVICES INCIDENTAL TO MINING	0.0	0.0	0.0	0.0	-43.5103	0.0	0.0	103
PRIMARY METAL PRODUCTS	0.0	0.0	-32.2471	0.0	-11.2612	20.9756	0.0	104
METAL FABRICATED PRODUCTS	-39.4426	0.0	-20.1561	0.0	-7.6555	-13.9319	0.0	105
NON-METALLIC MINERALS PRODUCTS	-1.5240	0.0	7.5508	0.0	-16.6263	-16.0809	15.1637	106

Table 30

Percentage Change in Input: 1966-71

COMMODITY	INDUSTRY RETAIL TRADE	FIN,INS,REAL ESTATE	COMMUNITY BUS,PERSONAL SERV.	TRANSP. MARG INS	CONSTRUCTION	OPER.OFFICE, LAB & FOOD	TRAVEL & ADVER'G PROMOTION	
PET & COAL PRODUCTS.	5.0084	21.5280	-8.4023	0.0	-38.6828	-29.9537	39.0236	107
CHEMICALS,CHEMICAL PRODUCTS	111.9703	0.0	-20.6396	0.0	-1.6138	2.1796	7.5306	108
NITROGEN FUNCTION COMPOUNDS NES	0.0	0.0	0.0	0.0	0.0	1.4115	0.0	109
AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	0.0	0.0	0.0	0.0	-23.3154	-8.6336	15.3893	110
TRANSPORTATION & STORAGE	-7.0593	33.2044	-9.4709	-8.4003	31.8201	0.0	21.3382	111
ELEC & COMMUNICATIONS PRODUCTS	0.0	0.0	-13.3950	0.0	0.5251	10.3099	34.3517	112
COMUNICATION SERVICES	9.0429	45.7705	30.5733	0.0	106.1617	0.0	57.7419	113
OTHER UTILITIES	-14.9588	43.7941	14.8043	0.0	-9.6964	0.0	0.0	114
MISC. MANUF.PRODUCTS	-40.6942	0.0	8.2863	0.0	-11.2856	7.3110	33.3485	115
NON-RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	116
REPAIR CONSTRUCTION	-4.4317	-3.1046	-42.5832	0.0	-22.0006	0.0	0.0	117
RUBBER,LEATHER.PLASTIC PRODUCTS	102.2005	0.0	-5.0365	0.0	17.9653	12.2171	31.5849	118
WHOLESALE MARGIN	-29.4625	36.2992	-3.1250	0.0	0.3782	15.2093	9.1787	119
RETAIL MARGIN	-8.0447	22.6659	6.2758	0.0	3.3433	-0.3829	19.8417	120
OTHER FINANCE,INS & REAL ESTATE	-10.8330	12.5256	-5.6412	0.0	52.3051	0.0	0.0	121
BUSINESS SERVICES	10.9178	13.5820	36.4778	0.0	27.4627	0.0	35.3801	122
PERSONAL & OTHER MISC.SERVICES	-10.6611	36.0783	-0.4104	0.0	12.4168	6.4676	13.6409	123
TRANSPORTATION MARGIN	-19.5237	5.0019	-7.8224	0.0	4.7608	21.7999	18.8054	124
OPERATING OFFICE & LAB & FOOD	-15.3327	-15.2680	19.3163	0.0	-17.8785	0.0	0.0	125
TRAVEL ,ADVERTISEMENT & PROMOTION	-8.7902	-1.5889	-7.9429	0.0	14.0127	0.0	0.0	126
IMPUTED RENT.OWNER OCCUPIED DWELL'GS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127
MACHINERY & EQUIPMENT	0.0	0.0	21.2359	0.0	-17.4810	12.5358	0.0	128
RESIDENTIAL CONSTRUCTION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	129
NURSERY STOCK & RELATED MAT.	0.0	0.0	-20.9874	0.0	20.7648	-7.9010	0.0	130
ANIMAL MAT.FOR DRUGS&PERFUME	0.0	0.0	0.0	0.0	0.0	0.0	0.0	131
CUSTOM WORK MEAT&FOOD	-86.9511	0.0	-43.9290	0.0	0.0	0.0	0.0	132
NON-COMPETING IMPORTS	32.1315	0.0	-10.5152	0.0	0.0	-1.1388	0.0	133
UNALLOCATED IMPORTS & EXPORTS	0.0	0.0	0.0	0.0	0.0	-85.5248	33.1195	134
INDIRECT TAXES	10.2129	7.8369	-6.1728	0.0	3.4962	17.4458	31.7331	135
LABOR INCOME	-21.1259	-23.6649	-27.6491	0.0	-28.9297	0.0	0.0	136
NET INCOME UNINCORPORATED BUSINESS	-18.0942	0.8152	-1.6728	0.0	-14.9212	0.0	0.0	137
OTHER OPERATING SURPLUS	1.6076	7.1982	9.6610	0.0	13.8603	0.0	0.0	138

Table 31

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	CATTLE AND CALVES	SHEEP AND LAMBS	HOGS	POULTRY	POULTRY,FRESH,FROZEN,CHILLED	POULTRY CANNED	OTHER LIVE ANIMALS	
AGRICULTURE	1.0554	1.0554	1.0554	1.0554	0.4738	0.6287	1.0554	1
FORESTRY	0.0114	0.0114	0.0114	0.0114	0.0098	0.0108	0.0114	2
SLAUGHTERING & MEAT PROCESSORS	0.0070	0.0070	0.0070	0.0070	0.1207	0.0492	0.0070	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0004	0.6440	1.0769	0.0003	4
DAIRY FACTORIES	0.0021	0.0021	0.0021	0.0021	0.0027	0.0034	0.0021	5
FISH PRODUCTS INDUSTRY	0.0012	0.0012	0.0012	0.0012	0.0012	0.0013	0.0012	6
FRUIT & VEG. PROCESSORS	0.0007	0.0007	0.0007	0.0007	0.0086	0.0258	0.0007	7
FEED MANUFACTURERS	0.0916	0.0916	0.0916	0.0916	0.0418	0.0554	0.0916	8
FLOUR & BREAKFAST CEREAL IND.	0.0124	0.0124	0.0124	0.0124	0.0059	0.0077	0.0124	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0006	0.0006	0.0006	0.0009	0.0010	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	12
SUGAR REFINERIES	0.0014	0.0014	0.0014	0.0014	0.0011	0.0018	0.0014	13
VEGETABLE OIL MILLS	0.0062	0.0062	0.0062	0.0062	0.0037	0.0042	0.0062	14
MISC.FOOD IND.	0.0029	0.0029	0.0029	0.0029	0.0030	0.0040	0.0029	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0003	16
DISTILLERS	0.0004	0.0004	0.0004	0.0004	0.0003	0.0004	0.0004	17
BREWERIES	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0002	0.0003	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G.HUNT'G & TRAPP'G	0.0007	0.0007	0.0007	0.0007	0.0007	0.0008	0.0007	22
MINES.QUARRIES&OIL WELLS	0.0139	0.0139	0.0139	0.0139	0.0128	0.0150	0.0139	23
MANUFACTURING EXCEPT FOOD	0.1995	0.1995	0.1995	0.1995	0.1894	0.2269	0.1995	24
COMMUNICATIONS	0.0097	0.0097	0.0097	0.0097	0.0193	0.0144	0.0097	25
TRANSP & STORAGE	0.0444	0.0444	0.0444	0.0444	0.0554	0.0632	0.0444	26
ELEC.POWER.GAS.OTHER UTILITIES	0.0126	0.0126	0.0126	0.0126	0.0155	0.0148	0.0126	27
WHOLESALE TRADE	0.0457	0.0457	0.0457	0.0457	0.0434	0.0553	0.0457	28
RETAIL TRADE	0.0165	0.0165	0.0165	0.0165	0.3575	0.0792	0.0165	29
FIN.INS.REAL ESTATE	0.0478	0.0478	0.0478	0.0478	0.0551	0.0439	0.0478	30
COMMUNITY BUS.PERSONAL SERV.	0.0188	0.0188	0.0188	0.0188	0.0264	0.0250	0.0188	31
TRANSP. MARGINS	0.0277	0.0277	0.0277	0.0277	0.0326	0.0390	0.0277	32
CONSTRUCTION	0.0265	0.0265	0.0265	0.0265	0.0228	0.0241	0.0265	33
OPER.OFFICE.LAB & FOOD	0.0708	0.0708	0.0708	0.0708	0.0722	0.0784	0.0708	34
TRAVEL & ADVER'G PROMOTION	0.0127	0.0127	0.0127	0.0127	0.0277	0.0236	0.0127	35

Table 32

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	HORSE MEAT FRESH,CHILLED ,FROZEN	MEAT CURED	MEAT,PREPARED,COOKED NOT CANNED	MEAT PREPARED CANNED	ANIMAL OILS AND FATS AND LARD	MARGARINE,SHORTENING & LIKE PROD	
AGRICULTURE	0.5598	0.6764	0.6762	0.6760	0.5818	0.6627	0.3265	1
FORESTRY	0.0089	0.0100	0.0100	0.0100	0.0106	0.0105	0.0147	2
SLAUGHTERING & MEAT PROCESSORS	0.8595	1.1377	1.1374	1.1371	0.9391	1.1133	0.5197	3
POULTRY PROCESSORS	0.0009	0.0005	0.0005	0.0005	0.0074	0.0006	0.0009	4
DAIRY FACTORIES	0.0029	0.0033	0.0033	0.0033	0.0041	0.0033	0.0061	5
FISH PRODUCTS INDUSTRY	0.0027	0.0034	0.0034	0.0034	0.0029	0.0034	0.0022	6
FRUIT & VEG. PROCESSORS	0.0008	0.0009	0.0009	0.0010	0.1684	0.0009	0.0022	7
FEED MANUFACTURERS	0.0495	0.0598	0.0598	0.0598	0.0520	0.0675	0.0296	8
FLOUR & BREAKFAST CEREAL IND.	0.0073	0.0087	0.0087	0.0087	0.0079	0.0088	0.0132	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0002	0.0002	0.0003	0.0003	0.0012	12
SUGAR REFINERIES	0.0013	0.0016	0.0016	0.0016	0.0066	0.0016	0.0077	13
VEGETABLE OIL MILLS	0.0091	0.0116	0.0116	0.0116	0.0099	0.0118	0.0093	14
MISC.FOOD IND.	0.0042	0.0051	0.0054	0.0057	0.0174	0.0052	0.4056	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0004	0.0003	0.0003	16
DISTILLERS	0.0003	0.0004	0.0004	0.0004	0.0004	0.0004	0.0008	17
BREWERIES	0.0003	0.0003	0.0003	0.0003	0.0004	0.0003	0.0005	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0012	0.0015	0.0015	0.0015	0.0014	0.0015	0.0012	22
MINES,QUARRIES&OIL WELLS	0.0131	0.0143	0.0143	0.0144	0.0159	0.0152	0.0268	23
MANUFACTURING EXCEPT FOOD	0.1823	0.2000	0.2000	0.2000	0.2280	0.2163	0.4360	24
COMMUNICATIONS	0.0171	0.0135	0.0135	0.0135	0.0139	0.0135	0.0148	25
TRANSP & STORAGE	0.0512	0.0542	0.0542	0.0542	0.0562	0.0548	0.0631	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0144	0.0136	0.0136	0.0136	0.0132	0.0137	0.0131	27
WHOLESALE TRADE	0.0437	0.0507	0.0507	0.0507	0.0500	0.0505	0.0437	28
RETAIL TRADE	0.2489	0.0485	0.0485	0.0485	0.0443	0.0478	0.0292	29
FIN.INS.REAL ESTATE	0.0494	0.0408	0.0407	0.0407	0.0398	0.0406	0.0361	30
COMMUNITY BUS,PERSONAL SERV.	0.0259	0.0249	0.0249	0.0249	0.0277	0.0250	0.0337	31
TRANSP. MARGINS	0.0316	0.0351	0.0351	0.0351	0.0356	0.0353	0.0359	32
CONSTRUCTION	0.0224	0.0229	0.0229	0.0229	0.0217	0.0228	0.0184	33
OPER.OFFICE,LAB & FOOD	0.0692	0.0718	0.0718	0.0718	0.0687	0.0716	0.0599	34
TRAVEL & ADVER'G PROMOTION	0.0272	0.0246	0.0246	0.0247	0.0330	0.0248	0.0577	35

Table 33

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	SAUSAGE CASINGS, NATURAL AND SYNTH.	PRIMARY AGE	TANK MILK, WHOLE, FLUID, PROCESSED	MILK, WHOLE, FLUID, UNPROCESSED	FRESH CREAM	BUTTER	CHEESE, CHEDAR & PROCESSED	
AGRICULTURE	0.6764	0.5890	0.6125	1.0554	0.5985	0.6152	0.6082	1
FORESTRY	0.0100	0.0108	0.0108	0.0114	0.0107	0.0109	0.0108	2
SLAUGHTERING & MEAT PROCESSORS	1.1377	0.9718	0.0063	0.0070	0.0063	0.0063	0.0337	3
POULTRY PROCESSORS	0.0005	0.0005	0.0005	0.0003	0.0007	0.0007	0.0005	4
DAIRY FACTORIES	0.0033	0.0038	1.0659	0.0021	1.0413	1.0686	1.0299	5
FISH PRODUCTS INDUSTRY	0.0034	0.0043	0.0010	0.0012	0.0009	0.0010	0.0010	6
FRUIT & VEG. PROCESSORS	0.0009	0.0011	0.0018	0.0007	0.0018	0.0018	0.0018	7
FEED MANUFACTURERS	0.0598	0.1867	0.0535	0.0916	0.0523	0.0538	0.0532	8
FLOUR & BREAKFAST CEREAL IND.	0.0087	0.0112	0.0076	0.0124	0.0074	0.0076	0.0076	9
BISC. MFGRS.	0.0001	0.0001	0.0004	0.0001	0.0004	0.0004	0.0004	10
BAKERIES	0.0008	0.0008	0.0009	0.0006	0.0009	0.0009	0.0009	11
CONFECTIONERY MFGRS.	0.0002	0.0003	0.0010	0.0002	0.0010	0.0010	0.0010	12
SUGAR REFINERIES	0.0016	0.0027	0.0053	0.0014	0.0052	0.0053	0.0052	13
VEGETABLE OIL MILLS	0.0116	0.0159	0.0038	0.0062	0.0037	0.0038	0.0040	14
MISC.FOOD IND.	0.0051	0.0074	0.0075	0.0029	0.0074	0.0078	0.0093	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0006	0.0003	0.0006	0.0006	0.0006	16
DISTILLERS	0.0004	0.0007	0.0004	0.0004	0.0004	0.0004	0.0004	17
BREWERIES	0.0003	0.0005	0.0004	0.0003	0.0004	0.0004	0.0004	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0015	0.0021	0.0006	0.0007	0.0006	0.0006	0.0007	22
MINES, QUARRIES&OIL WELLS	0.0143	0.0162	0.0158	0.0139	0.0156	0.0158	0.0157	23
MANUFACTURING EXCEPT FOOD	0.2000	0.2322	0.2296	0.1995	0.2272	0.2300	0.2291	24
COMMUNICATIONS	0.0135	0.0133	0.0127	0.0097	0.0131	0.0126	0.0128	25
TRANSP & STORAGE	0.0542	0.0632	0.0540	0.0444	0.0544	0.0539	0.0542	26
ELEC.POWER, GAS, OTHER UTILITIES	0.0136	0.0137	0.0147	0.0126	0.0146	0.0148	0.0147	27
WHOLESALE TRADE	0.0507	0.0508	0.0516	0.0457	0.0740	0.0478	0.0593	28
RETAIL TRADE	0.0485	0.0432	0.0162	0.0165	0.0162	0.0163	0.0170	29
FIN, INS, REAL ESTATE	0.0408	0.0391	0.0443	0.0478	0.0448	0.0442	0.0444	30
COMMUNITY BUS, PERSONAL SERV.	0.0249	0.0250	0.0318	0.0188	0.0322	0.0317	0.0318	31
TRANSP. MARGINS	0.0351	0.0387	0.0338	0.0277	0.0335	0.0338	0.0337	32
CONSTRUCTION	0.0229	0.0219	0.0230	0.0265	0.0228	0.0230	0.0229	33
OPER.OFFICE, LAB & FOOD	0.0718	0.0696	0.0743	0.0708	0.0738	0.0744	0.0740	34
TRAVEL & ADVER'G PROMOTION	0.0246	0.0258	0.0332	0.0127	0.0341	0.0330	0.0334	35

Table 34

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	MILK EVAPORATED	ICE CREAM	OTHER DAIRY PROD	RICE UNMILLED	WHEAT UNMILLED	BARLEY,OATS,RYE,CORN,GRAIN NES.	WHEAT FLOUR	
AGRICULTURE	0.6175	0.5741	0.5979	0.0	1.0553	1.0446	0.2635	1
FORESTRY	0.0109	0.0108	0.0109	0.0	0.0114	0.0113	0.0088	2
SLAUGHTERING & MEAT PROCESSORS	0.0064	0.0064	0.0068	0.0	0.0070	0.0071	0.0060	3
POULTRY PROCESSORS	0.0005	0.0006	0.0041	0.0	0.0003	0.0003	0.0004	4
DAIRY FACTORIES	1.0747	0.9949	1.0343	0.0	0.0021	0.0021	0.0021	5
FISH PRODUCTS INDUSTRY	0.0010	0.0009	0.0010	0.0	0.0012	0.0012	0.0009	6
FRUIT & VEG. PROCESSORS	0.0018	0.0019	0.0026	0.0	0.0007	0.0007	0.0007	7
FEED MANUFACTURERS	0.0540	0.0502	0.0523	0.0	0.0917	0.0917	0.0342	8
FLOUR & BREAKFAST CEREAL IND.	0.0077	0.0079	0.0082	0.0	0.0124	0.0142	1.0023	9
BISC. MFGRS.	0.0004	0.0005	0.0004	0.0	0.0001	0.0001	0.0001	10
BAKERIES	0.0009	0.0014	0.0009	0.0	0.0006	0.0007	0.0007	11
CONFECTIONERY MFGRS.	0.0010	0.0652	0.0011	0.0	0.0002	0.0002	0.0003	12
SUGAR REFINERIES	0.0053	0.0093	0.0058	0.0	0.0014	0.0016	0.0062	13
VEGETABLE OIL MILLS	0.0038	0.0038	0.0040	0.0	0.0062	0.0063	0.0039	14
MISC.FOOD IND.	0.0076	0.0247	0.0443	0.0	0.0029	0.0122	0.0060	15
SOFT DRINKS MFGRS.	0.0006	0.0005	0.0006	0.0	0.0003	0.0003	0.0003	16
DISTILLERS	0.0004	0.0004	0.0004	0.0	0.0004	0.0004	0.0009	17
BREWERIES	0.0004	0.0004	0.0004	0.0	0.0003	0.0003	0.0008	18
WINERIES	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0006	0.0007	0.0	0.0007	0.0007	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0159	0.0159	0.0159	0.0	0.0139	0.0139	0.0134	23
MANUFACTURING EXCEPT FOOD	0.2305	0.2327	0.2317	0.0	0.1995	0.2000	0.2067	24
COMMUNICATIONS	0.0125	0.0128	0.0127	0.0	0.0097	0.0097	0.0145	25
TRANSP & STORAGE	0.0538	0.0544	0.0546	0.0	0.0444	0.0449	0.1358	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0148	0.0145	0.0146	0.0	0.0126	0.0126	0.0118	27
WHOLESALE TRADE	0.0436	0.0432	0.0434	0.0	0.0457	0.0457	0.0399	28
RETAIL TRADE	0.0163	0.0160	0.0164	0.0	0.0165	0.0165	0.0137	29
FIN,INS,REAL ESTATE	0.0442	0.0434	0.0436	0.0	0.0478	0.0476	0.0291	30
COMMUNITY BUS,PERSONAL SERV.	0.0317	0.0327	0.0321	0.0	0.0188	0.0190	0.0331	31
TRANSP. MARGINS	0.0339	0.0339	0.0340	0.0	0.0277	0.0279	0.0732	32
CONSTRUCTION	0.0230	0.0223	0.0227	0.0	0.0265	0.0263	0.0193	33
OPER.OFFICE,LAB & FOOD	0.0745	0.0726	0.0735	0.0	0.0708	0.0705	0.0586	34
TRAVEL & ADVER'G PROMOTION	0.0328	0.0375	0.0354	0.0	0.0127	0.0136	0.0660	35

Table 35

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	FRUITS,FRESH ,EX.TROPICAL	VEGETABLES,F RESH	VEG,FRESH,FR OZEN,DRIED & PRESERVED	VEGETABLES & PREPARATION S CANNED	FRUITS,BERRI ES,DRIED,CRY STALIZED	FRUITS & PRE PARATIONS CA NNED	EGGS IN THE SHELL	
AGRICULTURE	1.0515	1.0548	0.1355	0.1381	0.1233	0.1471	1.0554	1
FORESTRY	0.0113	0.0114	0.0134	0.0136	0.0130	0.0132	0.0114	2
SLAUGHTERING & MEAT PROCESSORS	0.0070	0.0070	0.0246	0.0261	0.0224	0.0226	0.0070	3
POULTRY PROCESSORS	0.0006	0.0003	0.0113	0.0118	0.0101	0.0105	0.0003	4
DAIRY FACTORIES	0.0021	0.0021	0.0075	0.0073	0.0080	0.0459	0.0021	5
FISH PRODUCTS INDUSTRY	0.0050	0.0012	0.0012	0.0011	0.0011	0.0010	0.0012	6
FRUIT & VEG. PROCESSORS	0.0007	0.0007	0.9745	1.0173	0.8453	0.8976	0.0007	7
FEED MANUFACTURERS	0.0913	0.0915	0.0389	0.0134	0.0121	0.0141	0.0916	8
FLOUR & BREAKFAST CEREAL IND.	0.0123	0.0124	0.0053	0.0030	0.0064	0.0048	0.0124	9
BISC. MFGRS.	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0001	10
BAKERIES	0.0007	0.0006	0.0010	0.0017	0.0009	0.0010	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0007	0.0006	0.0037	0.0024	0.0002	12
SUGAR REFINERIES	0.0014	0.0014	0.0304	0.0309	0.0290	0.0291	0.0014	13
VEGETABLE OIL MILLS	0.0062	0.0062	0.0029	0.0015	0.0025	0.0021	0.0062	14
MISC.FOOD IND.	0.0029	0.0036	0.0413	0.0137	0.1873	0.1009	0.0029	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0005	0.0005	0.0005	0.0005	0.0003	16
DISTILLERS	0.0004	0.0004	0.0006	0.0005	0.0007	0.0006	0.0004	17
BREWERIES	0.0003	0.0003	0.0006	0.0005	0.0006	0.0006	0.0003	18
WINERIES	0.0000	0.0000	0.0001	0.0001	0.0109	0.0001	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0002	0.0002	0.0002	0.0002	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0021	0.0007	0.0008	0.0007	0.0007	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0139	0.0139	0.0235	0.0239	0.0227	0.0230	0.0139	23
MANUFACTURING EXCEPT FOOD	0.1996	0.1995	0.3595	0.3651	0.3481	0.3517	0.1995	24
COMMUNICATIONS	0.0097	0.0097	0.0154	0.0156	0.0156	0.0156	0.0097	25
TRANSP & STORAGE	0.0445	0.0444	0.0663	0.0644	0.0662	0.0651	0.0444	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0126	0.0126	0.0116	0.0116	0.0113	0.0115	0.0126	27
WHOLESALE TRADE	0.0457	0.0457	0.0474	0.0529	0.0468	0.0526	0.0457	28
RETAIL TRADE	0.0165	0.0165	0.0235	0.0239	0.0221	0.0229	0.0165	29
FIN,INS,REAL ESTATE	0.0478	0.0478	0.0353	0.0358	0.0346	0.0356	0.0478	30
COMMUNITY BUS,PERSONAL SERV.	0.0188	0.0188	0.0403	0.0406	0.0412	0.0407	0.0188	31
TRANSP. MARGINS	0.0277	0.0277	0.0388	0.0380	0.0380	0.0379	0.0277	32
CONSTRUCTION	0.0264	0.0265	0.0161	0.0161	0.0156	0.0161	0.0265	33
OPER.OFFICE,LAB & FOOD	0.0707	0.0708	0.0540	0.0542	0.0525	0.0541	0.0708	34
TRAVEL & ADVER'G PROMOTION	0.0127	0.0127	0.0707	0.0706	0.0768	0.0723	0.0127	35

Table 36

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	NUTS,EDIBLE, NOT SHELLED	SEEDS EX.OIL SEED GRADES	OIL SEEDS AND KERNELS	NUTS,KERNELS AND SEEDS PREPARED	MEAL & FLOUR OF OTHER CEREALS & VEG.	BREAKFAST CEREAL PRODUCTS	BISCUITS	
AGRICULTURE	1.0418	1.0554	1.0529	0.0491	0.2340	0.2549	0.0635	1
FORESTRY	0.0113	0.0114	0.0114	0.0097	0.0089	0.0089	0.0116	2
SLAUGHTERING & MEAT PROCESSORS	0.0071	0.0070	0.0070	0.0077	0.0095	0.0062	0.0381	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0008	0.0006	0.0004	0.0006	4
DAIRY FACTORIES	0.0022	0.0021	0.0021	0.0277	0.0034	0.0025	0.0136	5
FISH PRODUCTS INDUSTRY	0.0012	0.0012	0.0012	0.0006	0.0012	0.0009	0.0006	6
FRUIT & VEG. PROCESSORS	0.0007	0.0007	0.0007	0.0062	0.0071	0.0009	0.0044	7
FEED MANUFACTURERS	0.0904	0.0916	0.0915	0.0050	0.0513	0.0283	0.0073	8
FLOUR & BREAKFAST CEREAL IND.	0.0125	0.0124	0.0124	0.0113	0.8551	0.9635	0.0774	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0459	0.0001	0.0001	0.9559	10
BAKERIES	0.0007	0.0006	0.0006	0.0009	0.0007	0.0007	0.0184	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0002	0.8634	0.0006	0.0004	0.0169	12
SUGAR REFINERIES	0.0017	0.0014	0.0015	0.0599	0.0080	0.0067	0.0500	13
VEGETABLE OIL MILLS	0.0062	0.0062	0.0062	0.0025	0.0074	0.0038	0.0017	14
MISC.FOOD IND.	0.0176	0.0029	0.0055	0.1711	0.1390	0.0533	0.0688	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0035	16
DISTILLERS	0.0004	0.0004	0.0004	0.0006	0.0010	0.0009	0.0005	17
BREWERIES	0.0003	0.0003	0.0003	0.0007	0.0008	0.0008	0.0006	18
WINERIES	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0001	0.0001	0.0000	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0007	0.0007	0.0005	0.0007	0.0006	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0139	0.0139	0.0139	0.0166	0.0139	0.0136	0.0198	23
MANUFACTURING EXCEPT FOOD	0.2004	0.1995	0.1997	0.2615	0.2136	0.2093	0.3159	24
COMMUNICATIONS	0.0098	0.0097	0.0097	0.0161	0.0147	0.0146	0.0143	25
TRANSP & STORAGE	0.0448	0.0444	0.0445	0.0605	0.1277	0.1332	0.0640	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0126	0.0126	0.0126	0.0107	0.0116	0.0117	0.0121	27
WHOLESALE TRADE	0.0456	0.0457	0.0457	0.0391	0.0400	0.0398	0.0418	28
RETAIL TRADE	0.0165	0.0165	0.0165	0.0130	0.0138	0.0137	0.0140	29
FIN,INS,REAL ESTATE	0.0476	0.0478	0.0478	0.0349	0.0291	0.0291	0.0375	30
COMMUNITY BUS,PERSONAL SERV.	0.0191	0.0188	0.0188	0.0445	0.0344	0.0337	0.0364	31
TRANSP. MARGINS	0.0278	0.0277	0.0277	0.0337	0.0684	0.0717	0.0381	32
CONSTRUCTION	0.0263	0.0265	0.0264	0.0140	0.0176	0.0181	0.0142	33
OPER.OFFICE,LAB & FOOD	0.0704	0.0708	0.0707	0.0498	0.0568	0.0580	0.0559	34
TRAVEL & ADVER'G PROMOTION	0.0140	0.0127	0.0129	0.0927	0.0703	0.0679	0.0737	35

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IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	BREAD & ROLLS	OTHER BAKING PRODUCTS	COCOA AND CHOCOLATE	CHOCOLATE CONFECTIONERY	OTHER CONFECTIONERY	SUGAR	MOLASSES, SUGAR REFINERY PRODUCTS	
AGRICULTURE	0.0786	0.0785	0.0475	0.0473	0.0697	0.0760	0.0751	1
FORESTRY	0.0085	0.0086	0.0095	0.0095	0.0096	0.0040	0.0050	2
SLAUGHTERING & MEAT PROCESSORS	0.0293	0.0297	0.0051	0.0047	0.0057	0.0013	0.0038	3
POULTRY PROCESSORS	0.0017	0.0017	0.0006	0.0006	0.0006	0.0001	0.0007	4
DAIRY FACTORIES	0.0164	0.0165	0.0307	0.0312	0.0701	0.0007	0.0023	5
FISH PRODUCTS INDUSTRY	0.0009	0.0009	0.0005	0.0004	0.0005	0.0002	0.0004	6
FRUIT & VEG. PROCESSORS	0.0114	0.0121	0.0031	0.0031	0.0039	0.0002	0.0329	7
FEED MANUFACTURERS	0.0093	0.0093	0.0047	0.0047	0.0057	0.0068	0.0069	8
FLOUR & BREAKFAST CEREAL IND.	0.1545	0.1524	0.0063	0.0058	0.0076	0.0018	0.0046	9
BISC. MFGRS.	0.0005	0.0305	0.0054	0.0019	0.0177	0.0000	0.0001	10
BAKERIES	0.9893	0.9603	0.0008	0.0020	0.0014	0.0003	0.0004	11
CONFECTIONERY MFGRS.	0.0070	0.0123	1.0231	1.0524	0.9557	0.0000	0.0004	12
SUGAR REFINERIES	0.0275	0.0286	0.0660	0.0672	0.0628	1.0002	0.8483	13
VEGETABLE OIL MILLS	0.0016	0.0016	0.0019	0.0017	0.0020	0.0006	0.0015	14
MISC.FOOD IND.	0.0458	0.0458	0.0558	0.0290	0.0678	0.0008	0.1351	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0003	0.0001	0.0002	16
DISTILLERS	0.0004	0.0004	0.0005	0.0005	0.0005	0.0001	0.0003	17
BREWERIES	0.0005	0.0005	0.0007	0.0007	0.0007	0.0001	0.0002	18
WINERIES	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0006	0.0004	0.0004	0.0004	0.0002	0.0003	22
MINES,QUARRIES&OIL WELLS	0.0149	0.0151	0.0164	0.0164	0.0165	0.0097	0.0111	23
MANUFACTURING EXCEPT FOOD	0.2228	0.2266	0.2582	0.2578	0.2583	0.1000	0.1284	24
COMMUNICATIONS	0.0139	0.0139	0.0161	0.0161	0.0159	0.0051	0.0068	25
TRANSP & STORAGE	0.0678	0.0676	0.0581	0.0576	0.0583	0.0267	0.0341	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0127	0.0127	0.0108	0.0108	0.0109	0.0067	0.0073	27
WHOLESALE TRADE	0.0503	0.0439	0.0390	0.0390	0.0392	0.0271	0.0292	28
RETAIL TRADE	0.0153	0.0153	0.0128	0.0127	0.0129	0.0048	0.0065	29
FIN.INS,REAL ESTATE	0.0383	0.0381	0.0355	0.0356	0.0357	0.0193	0.0211	30
COMMUNITY BUS,PERSONAL SERV.	0.0427	0.0425	0.0449	0.0449	0.0443	0.0099	0.0152	31
TRANSP. MARGINS	0.0421	0.0420	0.0329	0.0327	0.0331	0.0178	0.0209	32
CONSTRUCTION	0.0148	0.0148	0.0141	0.0141	0.0144	0.0090	0.0098	33
OPER.OFFICE,LAB & FOOD	0.0567	0.0567	0.0501	0.0502	0.0510	0.0238	0.0273	34
TRAVEL & ADVER'G PROMOTION	0.0571	0.0576	0.0919	0.0915	0.0895	0.0099	0.0238	35

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INDUSTRY	OILSEED,MEAL & CAKE	MAPLE SUGAR & SYRUP	PREPARED CAKE & SIMILAR MIXES	BEET PULP	SOUPS,DRIED & SOUP MIXES & BASES	COFFEE,ROASTED,GROUND,PREPARED	TEA	
AGRICULTURE	0.1287	0.5270	0.1461	0.0760	0.0620	0.0534	0.0532	1
FORESTRY	0.0029	0.0105	0.0096	0.0040	0.0102	0.0095	0.0098	2
SLAUGHTERING & MEAT PROCESSORS	0.0020	0.0116	0.0526	0.0013	0.0166	0.0150	0.0157	3
POULTRY PROCESSORS	0.0002	0.0011	0.0014	0.0001	0.0028	0.0017	0.0017	4
DAIRY FACTORIES	0.0007	0.0070	0.0081	0.0007	0.0111	0.0109	0.0115	5
FISH PRODUCTS INDUSTRY	0.0004	0.0015	0.0015	0.0002	0.0016	0.0016	0.0017	6
FRUIT & VEG. PROCESSORS	0.0003	0.0028	0.0235	0.0002	0.1098	0.0044	0.0047	7
FEED MANUFACTURERS	0.0116	0.0466	0.0156	0.0068	0.0070	0.0062	0.0063	8
FLOUR & BREAKFAST CEREAL IND.	0.0016	0.0188	0.3449	0.0018	0.0223	0.0231	0.0245	9
BISC. MFGRS.	0.0000	0.0002	0.0002	0.0000	0.0002	0.0002	0.0003	10
BAKERIES	0.0004	0.0008	0.0008	0.0003	0.0009	0.0009	0.0009	11
CONFECTIONERY MFGRS.	0.0001	0.0016	0.0041	0.0000	0.0027	0.0027	0.0028	12
SUGAR REFINERIES	0.0003	0.0105	0.0143	1.0002	0.0199	0.0175	0.0186	13
VEGETABLE OIL MILLS	1.0014	0.0070	0.0063	0.0006	0.0070	0.0072	0.0076	14
MISC.FOOD IND.	0.0013	0.5716	0.6679	0.0008	0.9713	1.0203	1.0814	15
SOFT DRINKS MFGRS.	0.0001	0.0003	0.0003	0.0001	0.0003	0.0003	0.0003	16
DISTILLERS	0.0001	0.0009	0.0012	0.0001	0.0014	0.0014	0.0015	17
BREWERIES	0.0001	0.0006	0.0008	0.0001	0.0009	0.0009	0.0009	18
WINERIES	0.0000	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0002	0.0001	0.0002	0.0000	0.0002	0.0002	0.0002	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0002	0.0008	0.0008	0.0002	0.0009	0.0008	0.0009	22
MINES,QUARRIES&OIL WELLS	0.0052	0.0155	0.0158	0.0097	0.0177	0.0164	0.0169	23
MANUFACTURING EXCEPT FOOD	0.0650	0.2327	0.2441	0.1000	0.2732	0.2542	0.2625	24
COMMUNICATIONS	0.0044	0.0132	0.0157	0.0051	0.0163	0.0173	0.0164	25
TRANSP & STORAGE	0.0325	0.0616	0.0951	0.0267	0.0757	0.0750	0.0770	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0074	0.0112	0.0107	0.0067	0.0101	0.0104	0.0100	27
WHOLESALE TRADE	0.0160	0.0419	0.0395	0.0271	0.0393	0.0372	0.0384	28
RETAIL TRADE	0.0050	0.0150	0.0152	0.0048	0.0148	0.0701	0.0137	29
FIN.INS.REAL ESTATE	0.0124	0.0382	0.0299	0.0193	0.0301	0.0324	0.0295	30
COMMUNITY BUS.PERSONAL SERV.	0.0091	0.0325	0.0402	0.0099	0.0444	0.0440	0.0448	31
TRANSP. MARGINS	0.0255	0.0333	0.0496	0.0178	0.0383	0.0373	0.0383	32
CONSTRUCTION	0.0070	0.0195	0.0153	0.0090	0.0135	0.0135	0.0132	33
OPER.OFFICE,LAB & FOOD	0.0256	0.0570	0.0504	0.0239	0.0457	0.0456	0.0447	34
TRAVEL & ADVER'G PROMOTION	0.0127	0.0623	0.0899	0.0099	0.1031	0.1030	0.1069	35

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INDUSTRY	POTATO CHIPS & SIMILAR PRODUCTS	MISC. FOOD N ES	SOFTDRINK CO NCENTRATES & SYRUP	CARBONATED B EV. SOFT DRI NKS	SOUPS CANNED	PICKLES,RELI SHES,OTHER S AUCES	VINEGAR	
AGRICULTURE	0.0533	0.0799	0.0168	0.0125	0.1380	0.1430	0.1381	1
FORESTRY	0.0098	0.0111	0.0076	0.0074	0.0137	0.0134	0.0137	2
SLAUGHTERING & MEAT PROCESSORS	0.0158	0.0329	0.0048	0.0035	0.0241	0.0285	0.0241	3
POULTRY PROCESSORS	0.0017	0.0019	0.0007	0.0005	0.0119	0.0191	0.0119	4
DAIRY FACTORIES	0.0115	0.0408	0.0027	0.0017	0.0074	0.0150	0.0074	5
FISH PRODUCTS INDUSTRY	0.0017	0.0017	0.0006	0.0005	0.0010	0.0010	0.0010	6
FRUIT & VEG. PROCESSORS	0.0050	0.0310	0.0023	0.0009	1.0278	0.9488	1.0283	7
FEED MANUFACTURERS	0.0063	0.0175	0.0022	0.0017	0.0134	0.0138	0.0134	8
FLOUR & BREAKFAST CEREAL IND.	0.0247	0.0229	0.0033	0.0009	0.0028	0.0042	0.0028	9
BISC. MFGRS.	0.0056	0.0010	0.0001	0.0001	0.0002	0.0002	0.0002	10
BAKERIES	0.0009	0.0009	0.0008	0.0008	0.0010	0.0010	0.0010	11
CONFECTIONERY MFGRS.	0.0043	0.0350	0.0005	0.0003	0.0006	0.0007	0.0006	12
SUGAR REFINERIES	0.0188	0.0191	0.0795	0.0864	0.0312	0.0299	0.0312	13
VEGETABLE OIL MILLS	0.0076	0.0074	0.0013	0.0005	0.0015	0.0019	0.0015	14
MISC.FOOD IND.	1.0740	0.9293	0.1277	0.0167	0.0117	0.0731	0.0111	15
SOFT DRINKS MFGRS.	0.0003	0.0005	0.9730	1.0834	0.0005	0.0005	0.0005	16
DISTILLERS	0.0014	0.0013	0.0009	0.0009	0.0005	0.0005	0.0005	17
BREWERIES	0.0009	0.0025	0.0008	0.0049	0.0005	0.0006	0.0005	18
WINERIES	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0002	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0009	0.0009	0.0004	0.0004	0.0007	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0170	0.0189	0.0131	0.0127	0.0240	0.0234	0.0240	23
MANUFACTURING EXCEPT FOOD	0.2628	0.2975	0.2070	0.2006	0.3670	0.3592	0.3671	24
COMMUNICATIONS	0.0164	0.0162	0.0175	0.0177	0.0155	0.0155	0.0155	25
TRANSP & STORAGE	0.0769	0.0748	0.0510	0.0480	0.0644	0.0649	0.0643	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0100	0.0105	0.0090	0.0089	0.0116	0.0115	0.0116	27
WHOLESALE TRADE	0.0384	0.0390	0.0295	0.0285	0.0475	0.0470	0.0475	28
RETAIL TRADE	0.0137	0.0145	0.0130	0.0129	0.0240	0.0239	0.0240	29
FIN.INS.REAL ESTATE	0.0295	0.0307	0.0363	0.0371	0.0357	0.0355	0.0357	30
COMMUNITY BUS.PERSONAL SERV.	0.0447	0.0435	0.0464	0.0466	0.0406	0.0406	0.0406	31
TRANSP. MARGINS	0.0383	0.0390	0.0242	0.0225	0.0391	0.0381	0.0381	32
CONSTRUCTION	0.0132	0.0139	0.0132	0.0132	0.0161	0.0161	0.0161	33
OPER.OFFICE,LAB & FOOD	0.0448	0.0470	0.0398	0.0392	0.0542	0.0540	0.0542	34
TRAVEL & ADVER'G PROMOTION	0.1066	0.0994	0.1236	0.1257	0.0706	0.0718	0.0706	35

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INDUSTRY	OTHER FOOD PREPARATIONS	FISH PRODUCTS	MUSTARD MAYONNAISE	HONEY AND BEESWAX	MALT, MALT FLOUR & WHEAT STARCH	ALCOHOLIC BEVERAGES	ALCOHOL, NATURAL ETHYL DISTILLED	
AGRICULTURE	0.1795	0.0131	0.3709	1.0287	0.0536	0.0128	0.0138	1
FORESTRY	0.0133	0.0086	0.0108	0.0115	0.0098	0.0078	0.0078	2
SLAUGHTERING & MEAT PROCESSORS	0.0382	0.0084	0.0113	0.0071	0.0158	0.0044	0.0044	3
POULTRY PROCESSORS	0.0101	0.0022	0.0021	0.0003	0.0017	0.0007	0.0007	4
DAIRY FACTORIES	0.0964	0.0020	0.5925	0.0109	0.0115	0.0018	0.0018	5
FISH PRODUCTS INDUSTRY	0.0010	1.0266	0.0012	0.0012	0.0017	0.0008	0.0008	6
FRUIT & VEG. PROCESSORS	0.8503	0.0013	0.1051	0.0008	0.0047	0.0011	0.0011	7
FEED MANUFACTURERS	0.0169	0.0045	0.0330	0.0893	0.0074	0.0021	0.0022	8
FLOUR & BREAKFAST CEREAL IND.	0.0046	0.0009	0.0129	0.0125	0.0258	0.0009	0.0009	9
BISC. MFGRS.	0.0057	0.0001	0.0004	0.0001	0.0003	0.0001	0.0001	10
BAKERIES	0.0010	0.0027	0.0009	0.0007	0.0009	0.0011	0.0011	11
CONFECTIONERY MFGRS.	0.0008	0.0002	0.0153	0.0002	0.0028	0.0002	0.0002	12
SUGAR REFINERIES	0.0288	0.0004	0.0132	0.0017	0.0185	0.0034	0.0035	13
VEGETABLE OIL MILLS	0.0020	0.0007	0.0049	0.0062	0.0077	0.0005	0.0005	14
MISC.FOOD IND.	0.0534	0.0022	0.3739	0.0215	1.0789	0.0150	0.0148	15
SOFT DRINKS MFGRS.	0.0162	0.0005	0.0005	0.0003	0.0003	0.0004	0.0004	16
DISTILLERS	0.0005	0.0005	0.0008	0.0004	0.0015	1.0273	1.0150	17
BREWERIES	0.0005	0.0002	0.0006	0.0003	0.0009	0.0006	0.0006	18
WINERIES	0.0001	0.0000	0.0001	0.0000	0.0001	0.0006	0.0129	19
LEAF TOBACCO PROCESSING	0.0002	0.0015	0.0002	0.0000	0.0002	0.0003	0.0003	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.3751	0.0007	0.0007	0.0009	0.0005	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0230	0.0161	0.0171	0.0143	0.0169	0.0143	0.0143	23
MANUFACTURING EXCEPT FOOD	0.3529	0.2308	0.2556	0.2077	0.2623	0.2131	0.2134	24
COMMUNICATIONS	0.0153	0.0116	0.0142	0.0098	0.0164	0.0131	0.0131	25
TRANSP & STORAGE	0.0635	0.0627	0.0628	0.0451	0.0771	0.0496	0.0496	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0118	0.0097	0.0128	0.0126	0.0100	0.0084	0.0084	27
WHOLESALE TRADE	0.0465	0.0295	0.0421	0.0456	0.0384	0.0293	0.0296	28
RETAIL TRADE	0.0230	0.0118	0.0161	0.0165	0.0137	0.0109	0.0109	29
FIN.INS.REAL ESTATE	0.0363	0.0295	0.0382	0.0474	0.0295	0.0223	0.0223	30
COMMUNITY BUS.PERSONAL SERV.	0.0398	0.0273	0.0372	0.0194	0.0448	0.0566	0.0563	31
TRANSP. MARGINS	0.0375	0.0277	0.0358	0.0279	0.0384	0.0290	0.0290	32
CONSTRUCTION	0.0166	0.0163	0.0189	0.0262	0.0132	0.0106	0.0106	33
OPER.OFFICE,LAB & FOOD	0.0556	0.0548	0.0620	0.0703	0.0447	0.0444	0.0444	34
TRAVEL & ADVER'G PROMOTION	0.0688	0.0230	0.0625	0.0146	0.1067	0.0912	0.0912	35

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INDUSTRY	BREWERS& DISTILLERS' GRAINS	ALE,BEER,STOUT & PORTER	WINES	TOBACCO PROCESSED,UNMANUFACTURED	CIGARETTES	TOBACCO MFG EX.CIGARETTES	TOBACCO RAW	
AGRICULTURE	0.0199	0.0134	0.0950	0.8163	0.3143	0.3143	1.0554	1
FORESTRY	0.0085	0.0096	0.0092	0.0098	0.0109	0.0109	0.0114	2
SLAUGHTERING & MEAT PROCESSORS	0.0070	0.0044	0.0034	0.0089	0.0061	0.0061	0.0070	3
POULTRY PROCESSORS	0.0008	0.0006	0.0005	0.0010	0.0008	0.0008	0.0003	4
DAIRY FACTORIES	0.0030	0.0023	0.0016	0.0022	0.0018	0.0018	0.0021	5
FISH PRODUCTS INDUSTRY	0.0011	0.0005	0.0009	0.0020	0.0013	0.0013	0.0012	6
FRUIT & VEG. PROCESSORS	0.0014	0.0010	0.0033	0.0008	0.0007	0.0007	0.0007	7
FEED MANUFACTURERS	0.0374	0.0018	0.0089	0.0728	0.0286	0.0286	0.0916	8
FLOUR & BREAKFAST CEREAL IND.	0.0061	0.0082	0.0014	0.0098	0.0040	0.0040	0.0124	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0010	0.0008	0.0008	0.0014	0.0012	0.0012	0.0006	11
CONFECTIONERY MFGRS.	0.0004	0.0003	0.0001	0.0002	0.0001	0.0001	0.0002	12
SUGAR REFINERIES	0.0044	0.0018	0.0100	0.0012	0.0021	0.0021	0.0014	13
VEGETABLE OIL MILLS	0.0030	0.0009	0.0008	0.0051	0.0022	0.0022	0.0062	14
MISC.FOOD IND.	0.1255	0.0780	0.0022	0.0029	0.0019	0.0019	0.0029	15
SOFT DRINKS MFGRS.	0.0004	0.0004	0.0003	0.0004	0.0004	0.0004	0.0003	16
DISTILLERS	0.5904	0.0007	0.0053	0.0005	0.0006	0.0006	0.0004	17
BREWERIES	0.3107	1.0030	0.0006	0.0002	0.0007	0.0007	0.0003	18
WINERIES	0.0002	0.0001	1.0198	0.0000	0.0001	0.0001	0.0000	19
LEAF TOBACCO PROCESSING	0.0002	0.0000	0.0002	1.0009	0.3090	0.3090	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	1.0011	1.0011	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0005	0.0005	0.0010	0.0007	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0151	0.0163	0.0154	0.0127	0.0166	0.0166	0.0139	23
MANUFACTURING EXCEPT FOOD	0.2317	0.2637	0.2431	0.1798	0.2709	0.2709	0.1995	24
COMMUNICATIONS	0.0149	0.0181	0.0132	0.0091	0.0148	0.0148	0.0097	25
TRANSP & STORAGE	0.0549	0.0513	0.0467	0.0538	0.0477	0.0477	0.0444	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0099	0.0122	0.0083	0.0113	0.0095	0.0095	0.0126	27
WHOLESALE TRADE	0.0295	0.0265	0.0495	0.0393	0.0280	0.0280	0.0457	28
RETAIL TRADE	0.0118	0.0126	0.0110	0.0146	0.0131	0.0131	0.0165	29
FIN.INS.REAL ESTATE	0.0247	0.0274	0.0246	0.0466	0.0431	0.0431	0.0478	30
COMMUNITY BUS.PERSONAL SERV.	0.0577	0.0667	0.0352	0.0185	0.0418	0.0418	0.0188	31
TRANSP. MARGINS	0.0276	0.0183	0.0251	0.0367	0.0243	0.0243	0.0277	32
CONSTRUCTION	0.0119	0.0136	0.0123	0.0242	0.0201	0.0201	0.0265	33
OPER.OFFICE,LAB & FOOD	0.0436	0.0405	0.0409	0.0667	0.0489	0.0489	0.0708	34
TRAVEL & ADVER'G PROMOTION	0.1026	0.1300	0.0893	0.0142	0.0893	0.0893	0.0127	35

Table 42

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	VEG.OILS & FATS.CRUDE	FEEDS OF ANIMAL ORIGIN NES	PRIMARY OR CONCENTRATED FEEDS	FEEDS FOR COMMERCIAL LIVESTOCK	FEEDS.GRAIN ORIGIN NES	FEEDS OF VEG.ORIGIN NES	PET FEEDS	
AGRICULTURE	0.1286	0.6382	0.1251	0.1283	0.1981	0.0886	0.1987	1
FORESTRY	0.0029	0.0099	0.0072	0.0072	0.0081	0.0065	0.0078	2
SLAUGHTERING & MEAT PROCESSORS	0.0020	1.0636	0.0541	0.0556	0.0278	0.0396	0.2058	3
POULTRY PROCESSORS	0.0002	0.0005	0.0005	0.0005	0.0004	0.0005	0.0006	4
DAIRY FACTORIES	0.0007	0.0036	0.0075	0.0075	0.0046	0.0062	0.0072	5
FISH PRODUCTS INDUSTRY	0.0004	0.0039	0.0115	0.0113	0.0057	0.0083	0.0094	6
FRUIT & VEG. PROCESSORS	0.0003	0.0010	0.0023	0.0023	0.0019	0.0018	0.0023	7
FEED MANUFACTURERS	0.0116	0.1273	1.0923	1.0742	0.5146	0.7832	0.8422	8
FLOUR & BREAKFAST CEREAL IND.	0.0016	0.0101	0.0462	0.0604	0.5577	0.0218	0.0446	9
BISC. MFGRS.	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0004	0.0008	0.0007	0.0007	0.0007	0.0007	0.0008	11
CONFECTIONERY MFGRS.	0.0001	0.0003	0.0009	0.0009	0.0006	0.0006	0.0010	12
SUGAR REFINERIES	0.0003	0.0022	0.0112	0.0111	0.0085	0.0081	0.0104	13
VEGETABLE OIL MILLS	1.0011	0.0145	0.0567	0.0558	0.0278	0.0407	0.0456	14
MISC.FOOD IND.	0.0016	0.0064	0.0241	0.0238	0.0154	0.0174	0.1145	15
SOFT DRINKS MFGRS.	0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0001	0.0006	0.0034	0.0033	0.0020	0.0025	0.0028	17
BREWERIES	0.0001	0.0004	0.0019	0.0019	0.0013	0.0015	0.0016	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0002	0.0018	0.0061	0.0060	0.0031	0.0044	0.0049	22
MINES,QUARRIES&OIL WELLS	0.0052	0.0145	0.0136	0.0136	0.0135	0.0120	0.0140	23
MANUFACTURING EXCEPT FOOD	0.0650	0.2029	0.1749	0.1755	0.1917	0.1595	0.1964	24
COMMUNICATIONS	0.0044	0.0134	0.0119	0.0119	0.0135	0.0175	0.0125	25
TRANSP & STORAGE	0.0325	0.0589	0.1272	0.1271	0.1312	0.1114	0.1123	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0074	0.0136	0.0130	0.0130	0.0123	0.0119	0.0128	27
WHOLESALE TRADE	0.0160	0.0509	0.0547	0.0545	0.0552	0.3402	0.0526	28
RETAIL TRADE	0.0050	0.0462	0.0138	0.0138	0.0137	0.0137	0.0197	29
FIN,INS,REAL ESTATE	0.0124	0.0399	0.0283	0.0283	0.0290	0.0398	0.0302	30
COMMUNITY BUS,PERSONAL SERV.	0.0291	0.0249	0.0239	0.0240	0.0291	0.0310	0.0259	31
TRANSP. MARGINS	0.0255	0.0370	0.0653	0.0654	0.0691	0.0523	0.0597	32
CONSTRUCTION	0.0070	0.0224	0.0162	0.0162	0.0173	0.0156	0.0169	33
OPER.OFFICE,LAB & FOOD	0.0256	0.0708	0.0564	0.0564	0.0575	0.0552	0.0576	34
TRAVEL & ADVER'G PROMOTION	0.0127	0.0251	0.0319	0.0324	0.0506	0.0437	0.0377	35

Table 43

INDUSTRY	IMPACT OF YEAR 1961 COMMODITY: INFANT & JUNIOR FOODS CANNED	HOPS INCLUDING LUPULIN	HAY FORAGE & STRAW	HIDES & SKINS.RAW NES	MINK SKINS.RANCHED & UNDRESSED	WOOL IN GREASE	SERV.INCIDENTAL TO AG.& FORESTRY	
AGRICULTURE	0.1588	1.0554	1.0041	0.5805	1.0554	1.0554	1.0114	1
FORESTRY	0.0135	0.0114	0.0111	0.0100	0.0114	0.0114	0.0272	2
SLAUGHTERING & MEAT PROCESSORS	0.0670	0.0070	0.0096	0.8600	0.0070	0.0070	0.0068	3
POULTRY PROCESSORS	0.0115	0.0003	0.0003	0.0005	0.0003	0.0003	0.0003	4
DAIRY FACTORIES	0.0072	0.0021	0.0024	0.0029	0.0021	0.0021	0.0026	5
FISH PRODUCTS INDUSTRY	0.0011	0.0012	0.0018	0.0027	0.0012	0.0012	0.0011	6
FRUIT & VEG. PROCESSORS	0.9888	0.0007	0.0008	0.0008	0.0007	0.0007	0.0007	7
FEED MANUFACTURERS	0.0152	0.0916	0.1477	0.0516	0.0916	0.0916	0.0379	8
FLOUR & BREAKFAST CEREAL IND.	0.0031	0.0124	0.0134	0.0075	0.0124	0.0124	0.0119	9
BISC. MFGRS.	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0010	0.0006	0.0007	0.0008	0.0006	0.0006	0.0007	11
CONFECTIONERY MFGRS.	0.0006	0.0002	0.0002	0.0002	0.0002	0.0002	0.0001	12
SUGAR REFINERIES	0.0301	0.0014	0.0020	0.0013	0.0014	0.0014	0.0014	13
VEGETABLE OIL MILLS	0.0018	0.0062	0.0090	0.0092	0.0062	0.0062	0.0060	14
MISC.FOOD IND.	0.0109	0.0029	0.0041	0.0042	0.0029	0.0029	0.0028	15
SOFT DRINKS MFGRS.	0.0005	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0005	0.0004	0.0005	0.0003	0.0004	0.0004	0.0004	17
BREWERIES	0.0005	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	18
WINERIES	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0002	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0007	0.0010	0.0012	0.0007	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0236	0.0139	0.0138	0.0147	0.0139	0.0139	0.0137	23
MANUFACTURING EXCEPT FOOD	0.3507	0.1995	0.1981	0.2113	0.1995	0.1995	0.1966	24
COMMUNICATIONS	0.0154	0.0097	0.0098	0.0163	0.0097	0.0097	0.0103	25
TRANSP & STORAGE	0.0640	0.0444	0.0489	0.0516	0.0444	0.0444	0.0446	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0117	0.0126	0.0126	0.0143	0.0126	0.0126	0.0127	27
WHOLESALE TRADE	0.0476	0.0457	0.0463	0.0447	0.0457	0.0457	0.0448	28
RETAIL TRADE	0.0249	0.0165	0.0164	0.2062	0.0165	0.0165	0.0454	29
FIN.INS.REAL ESTATE	0.0359	0.0478	0.0467	0.0478	0.0478	0.0478	0.0495	30
COMMUNITY BUS.PERSONAL SERV.	0.0400	0.0188	0.0190	0.0257	0.0188	0.0188	0.0197	31
TRANSP. MARGINS	0.0380	0.0277	0.0297	0.0321	0.0277	0.0277	0.0273	32
CONSTRUCTION	0.0164	0.0265	0.0259	0.0225	0.0265	0.0265	0.0265	33
OPER.OFFICE,LAB & FOOD	0.0548	0.0708	0.0700	0.0695	0.0708	0.0708	0.0715	34
TRAVEL & ADVER'G PROMOTION	0.0688	0.0127	0.0137	0.0266	0.0127	0.0127	0.0135	35

Table 44

IMPACT OF YEAR 1961

INDUSTRY	COMMODITY FORESTRY PROD	FISHING & TRAPPING PROD.	TEXTILE PRODUCTS	KNITTED PRODUCTS & CLOTHING	LUMBER, SAWMILL, OTHER WOOD PRODUCTS	FURNITURE & FIXTURES	PAPER & PAPER PRODUCTS	
AGRICULTURE	0.0703	0.0027	0.0101	0.0090	0.0085	0.0085	0.0085	1
FORESTRY	1.0594	0.0079	0.0470	0.0482	0.0491	0.0484	0.0485	2
SLAUGHTERING & MEAT PROCESSORS	0.0052	0.0012	0.0037	0.0038	0.0038	0.0038	0.0038	3
POULTRY PROCESSORS	0.0006	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	4
DAIRY FACTORIES	0.0028	0.0007	0.0016	0.0016	0.0016	0.0016	0.0016	5
FISH PRODUCTS INDUSTRY	0.0006	0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	6
FRUIT & VEG. PROCESSORS	0.0011	0.0002	0.0006	0.0005	0.0006	0.0006	0.0006	7
FEED MANUFACTURERS	0.0147	0.0004	0.0015	0.0014	0.0014	0.0014	0.0014	8
FLOUR & BREAKFAST CEREAL IND.	0.0018	0.0002	0.0005	0.0005	0.0005	0.0005	0.0005	9
BISC. MFGRS.	0.0002	0.0000	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0013	0.0003	0.0007	0.0007	0.0007	0.0007	0.0007	11
CONFECTIONERY MFGRS.	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0006	0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	13
VEGETABLE OIL MILLS	0.0011	0.0002	0.0011	0.0011	0.0011	0.0011	0.0011	14
MISC. FOOD IND.	0.0015	0.0004	0.0013	0.0013	0.0013	0.0013	0.0015	15
SOFT DRINKS MFGRS.	0.0006	0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0002	0.0001	0.0004	0.0004	0.0004	0.0004	0.0004	17
BREWERIES	0.0002	0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0005	1.0192	0.0010	0.0010	0.0010	0.0010	0.0010	22
MINES, QUARRIES & OIL WELLS	0.0117	0.0154	0.0768	0.0787	0.0793	0.0791	0.0793	23
MANUFACTURING EXCEPT FOOD	0.1753	0.2223	1.3579	1.3939	1.4046	1.4008	1.4043	24
COMMUNICATIONS	0.0106	0.0061	0.0152	0.0147	0.0146	0.0146	0.0146	25
TRANSP & STORAGE	0.0664	0.0337	0.0560	0.0563	0.0565	0.0565	0.0565	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0071	0.0041	0.0183	0.0183	0.0183	0.0183	0.0183	27
WHOLESALE TRADE	0.0333	0.0246	0.0403	0.0375	0.0388	0.0422	0.0388	28
RETAIL TRADE	0.0204	0.0106	0.0467	0.0221	0.0123	0.0123	0.0123	29
FIN. INS. REAL ESTATE	0.0952	0.0230	0.0397	0.0386	0.0382	0.0383	0.0382	30
COMMUNITY BUS, PERSONAL SERV.	0.0588	0.0156	0.0329	0.0329	0.0329	0.0330	0.0329	31
TRANSP. MARGINS	0.0170	0.0136	0.0325	0.0329	0.0330	0.0330	0.0330	32
CONSTRUCTION	0.0389	0.0101	0.0181	0.0181	0.0181	0.0180	0.0181	33
OPER. OFFICE, LAB & FOOD	0.1382	0.0177	0.0615	0.0616	0.0617	0.0616	0.0616	34
TRAVEL & ADVER'G PROMOTION	0.0185	0.0085	0.0383	0.0382	0.0382	0.0383	0.0383	35

Table 45

IMPACT OF YEAR 1961

INDUSTRY	COMMODITY: PRINTING & PUBLISHING	METALLIC ORES & CONCENTRATES	MINERALS FUELS	NON-METALLIC MINERALS	SERVICES INCIDENTAL TO MINING	PRIMARY METAL PRODUCTS	METAL FABRICATED PRODUCTS	
AGRICULTURE	0.0085	0.0049	0.0045	0.0048	0.0045	0.0085	0.0085	1
FORESTRY	0.0486	0.0092	0.0045	0.0060	0.0045	0.0486	0.0485	2
SLAUGHTERING & MEAT PROCESSORS	0.0038	0.0028	0.0027	0.0027	0.0026	0.0038	0.0038	3
POULTRY PROCESSORS	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	4
DAIRY FACTORIES	0.0016	0.0015	0.0015	0.0015	0.0015	0.0016	0.0016	5
FISH PRODUCTS INDUSTRY	0.0003	0.0003	0.0003	0.0010	0.0003	0.0003	0.0003	6
FRUIT & VEG. PROCESSORS	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	7
FEED MANUFACTURERS	0.0014	0.0007	0.0006	0.0006	0.0006	0.0014	0.0018	8
FLOUR & BREAKFAST CEREAL IND.	0.0005	0.0004	0.0004	0.0005	0.0004	0.0005	0.0005	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0003	0.0002	0.0002	0.0003	0.0002	0.0003	0.0003	13
VEGETABLE OIL MILLS	0.0011	0.0003	0.0003	0.0003	0.0003	0.0011	0.0011	14
MISC.FOOD IND.	0.0013	0.0008	0.0008	0.0034	0.0008	0.0013	0.0013	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0004	0.0001	0.0001	0.0001	0.0001	0.0004	0.0004	17
BREWERIES	0.0003	0.0001	0.0001	0.0001	0.0001	0.0003	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0010	0.0003	0.0002	0.0005	0.0002	0.0010	0.0010	22
MINES,QUARRIES&OIL WELLS	0.0794	0.9326	1.0351	1.0005	1.0354	0.0799	0.0793	23
MANUFACTURING EXCEPT FOOD	1.4066	0.2594	0.1215	0.1641	0.1211	1.4069	1.4032	24
COMMUNICATIONS	0.0145	0.0087	0.0080	0.0082	0.0080	0.0145	0.0146	25
TRANSP & STORAGE	0.0564	0.0320	0.0291	0.0301	0.0291	0.0564	0.0565	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0184	0.0203	0.0205	0.0204	0.0205	0.0184	0.0183	27
WHOLESALE TRADE	0.0377	0.0223	0.0206	0.0211	0.0205	0.0371	0.0400	28
RETAIL TRADE	0.0123	0.0101	0.0098	0.0099	0.0098	0.0123	0.0123	29
FIN.INS.REAL ESTATE	0.0382	0.0778	0.0825	0.0809	0.0826	0.0382	0.0382	30
COMMUNITY BUS.PERSONAL SERV.	0.0329	0.0341	0.0343	0.0343	0.0329	0.0329	0.0329	31
TRANSP. MARGINS	0.0330	0.0158	0.0137	0.0144	0.0137	0.0330	0.0330	32
CONSTRUCTION	0.0181	0.0227	0.0232	0.0230	0.0232	0.0181	0.0181	33
OPER.OFFICE,LAB & FOOD	0.0616	0.0706	0.0717	0.0713	0.0717	0.0617	0.0616	34
TRAVEL & ADVER'G PROMOTION	0.0382	0.0166	0.0140	0.0150	0.0140	0.0382	0.0383	35

Table 46

IMPACT OF YEAR 1961

INDUSTRY	COMMODITY: NON-METALLIC MINERALS PRODUCTS.	PET & COAL PRODUCTS	CHEMICALS,CHEMICAL PRODUCTS	NITROGEN FUNCTION COMPOUNDS NES	AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	TRANSPORTATION & STORAGE	ELEC & COMMUNICATIONS PRODUCTS	
AGRICULTURE	0.0085	0.0084	0.0137	0.0141	0.0085	0.0048	0.0083	1
FORESTRY	0.0484	0.0481	0.0479	0.0465	0.0484	0.0095	0.0472	2
SLAUGHTERING & MEAT PROCESSORS	0.0038	0.0038	0.0110	0.0037	0.0038	0.0024	0.0037	3
POULTRY PROCESSORS	0.0004	0.0004	0.0004	0.0004	0.0004	0.0003	0.0004	4
DAIRY FACTORIES	0.0016	0.0016	0.0017	0.0016	0.0016	0.0014	0.0016	5
FISH PRODUCTS INDUSTRY	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	6
FRUIT & VEG. PROCESSORS	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0006	7
FEED MANUFACTURERS	0.0014	0.0014	0.0026	0.0019	0.0014	0.0009	0.0014	8
FLOUR & BREAKFAST CEREAL IND.	0.0005	0.0005	0.0006	0.0005	0.0005	0.0003	0.0005	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0007	0.0007	0.0007	0.0007	0.0007	0.0006	0.0007	11
CONFECTIONERY MFGRS.	0.0001	0.0001	0.0005	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0003	0.0003	0.0004	0.0003	0.0003	0.0002	0.0003	13
VEGETABLE OIL MILLS	0.0011	0.0011	0.0073	0.0474	0.0011	0.0002	0.0011	14
MISC.FOOD IND.	0.0013	0.0013	0.0051	0.0013	0.0013	0.0007	0.0013	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0004	0.0004	0.0008	0.0004	0.0004	0.0001	0.0004	17
BREWERIES	0.0003	0.0003	0.0006	0.0003	0.0003	0.0002	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0010	0.0010	0.0010	0.0010	0.0010	0.0003	0.0010	22
MINES,QUARRIES&OIL WELLS	0.0824	0.0857	0.0784	0.0761	0.0791	0.0116	0.0772	23
MANUFACTURING EXCEPT FOOD	1.4010	1.3919	1.3855	1.3453	1.4004	0.1623	1.3664	24
COMMUNICATIONS	0.0145	0.0144	0.0145	0.0141	0.0145	0.0181	0.0459	25
TRANSP & STORAGE	0.0564	0.0560	0.0564	0.0553	0.0622	1.0918	0.0571	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0183	0.0233	0.0182	0.0179	0.0183	0.0079	0.0179	27
WHOLESALE TRADE	0.0388	0.0368	0.0371	0.0361	0.0371	0.0319	0.0366	28
RETAIL TRADE	0.0123	0.0122	0.0125	0.0119	0.0123	0.0193	0.0123	29
FIN.INS.REAL ESTATE	0.0383	0.0385	0.0380	0.0370	0.0381	0.0357	0.0378	30
COMMUNITY BUS.PERSONAL SERV.	0.0329	0.0328	0.0327	0.0318	0.0329	0.0323	0.0329	31
TRANSP. MARGINS	0.0330	0.0329	0.0330	0.0327	0.0329	0.0165	0.0324	32
CONSTRUCTION	0.0181	0.0183	0.0180	0.0176	0.0183	0.0580	0.0188	33
OPER.OFFICE,LAB & FOOD	0.0617	0.0615	0.0614	0.0600	0.0616	0.0540	0.0608	34
TRAVEL & ADVER'G PROMOTION	0.0382	0.0379	0.0382	0.0370	0.0381	0.0198	0.0374	35

Table 47

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	COMUNICATION SERVICES	OTHER UTILITIES	MISC. MANUF. PRODUCTS	NON-RESIDENT MATERIAL CONSTRUCTION	REPAIR CONSTRUCTION	RUBBER,LEATHER,PLASTIC PRODUCTS	WHOLESALE MARGIN	
AGRICULTURE	0.0034	0.0018	0.0088	0.0078	0.0078	0.0109	0.0156	1
FORESTRY	0.0036	0.0029	0.0478	0.0195	0.0195	0.0483	0.0132	2
SLAUGHTERING & MEAT PROCESSORS	0.0019	0.0010	0.0040	0.0034	0.0034	0.0079	0.0071	3
POULTRY PROCESSORS	0.0003	0.0001	0.0008	0.0005	0.0005	0.0004	0.0015	4
DAIRY FACTORIES	0.0010	0.0005	0.0016	0.0019	0.0019	0.0016	0.0107	5
FISH PRODUCTS INDUSTRY	0.0002	0.0001	0.0004	0.0004	0.0004	0.0004	0.0018	6
FRUIT & VEG. PROCESSORS	0.0004	0.0002	0.0006	0.0007	0.0007	0.0006	0.0024	7
FEED MANUFACTURERS	0.0004	0.0002	0.0014	0.0012	0.0012	0.0016	0.0059	8
FLOUR & BREAKFAST CEREAL IND.	0.0002	0.0001	0.0005	0.0005	0.0005	0.0005	0.0022	9
BISC. MFGRS.	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0004	10
BAKERIES	0.0005	0.0003	0.0007	0.0008	0.0008	0.0007	0.0033	11
CONFECTIONERY MFGRS.	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0009	12
SUGAR REFINERIES	0.0001	0.0001	0.0003	0.0003	0.0003	0.0003	0.0007	13
VEGETABLE OIL MILLS	0.0001	0.0001	0.0011	0.0005	0.0005	0.0012	0.0008	14
MISC.FOOD IND.	0.0004	0.0003	0.0013	0.0011	0.0011	0.0013	0.0052	15
SOFT DRINKS MFGRS.	0.0002	0.0001	0.0003	0.0003	0.0003	0.0003	0.0009	16
DISTILLERS	0.0001	0.0001	0.0004	0.0002	0.0002	0.0004	0.0004	17
BREWERIES	0.0001	0.0001	0.0003	0.0002	0.0002	0.0003	0.0008	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0007	21
FISH'G,HUNT'G & TRAPP'G	0.0002	0.0001	0.0011	0.0005	0.0005	0.0010	0.0009	22
MINES,QUARRIES&OIL WELLS	0.0060	0.0097	0.0782	0.0411	0.0411	0.0790	0.0171	23
MANUFACTURING EXCEPT FOOD	0.0897	0.0673	1.3838	0.4851	0.4851	1.3982	0.2836	24
COMMUNICATIONS	1.0317	0.0066	0.0149	0.0113	0.0113	0.0146	0.0286	25
TRANSP & STORAGE	0.0790	0.0142	0.0567	0.0555	0.0555	0.0565	0.0735	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0042	0.9999	0.0182	0.0083	0.0083	0.0183	0.0103	27
WHOLESALE TRADE	0.0119	0.0091	0.0547	0.0649	0.0649	0.0408	0.8716	28
RETAIL TRADE	0.0121	0.0048	0.0123	0.0247	0.0247	0.0124	0.0136	29
FIN.INS,REAL ESTATE	0.0278	0.0393	0.0386	0.0338	0.0338	0.0383	0.0604	30
COMMUNITY BUS,PERSONAL SERV.	0.0346	0.0155	0.0331	0.0458	0.0458	0.0329	0.0463	31
TRANSP. MARGINS	0.0122	0.0064	0.0328	0.0355	0.0355	0.0330	0.0233	32
CONSTRUCTION	0.0411	0.0598	0.0180	1.0114	1.0114	0.0181	0.0150	33
OPER.OFFICE,LAB & FOOD	0.0344	0.0198	0.0615	0.0550	0.0550	0.0616	0.0540	34
TRAVEL & ADVER'G PROMOTION	0.0143	0.0097	0.0388	0.0235	0.0235	0.0382	0.0683	35

Table 48

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	RETAIL MARGIN	OTHER FINANCE, INS & REAL ESTATE	BUSINESS SERVICES	PERSONAL & OTHER MISC. SERVICES	TRANSPORTATION MARGIN	OPERATING OFFICE & LAB & FOOD	TRAVEL, ADVERTISEMENT & PROMOTION	
AGRICULTURE	0.0553	0.0038	0.0429	0.0449	0.0116	0.0386	0.0176	1
FORESTRY	0.0045	0.0035	0.0081	0.0109	0.0119	0.0224	0.0182	2
SLAUGHTERING & MEAT PROCESSORS	0.0034	0.0019	0.0344	0.0310	0.0062	0.0214	0.0111	3
POULTRY PROCESSORS	0.0005	0.0003	0.0058	0.0053	0.0008	0.0027	0.0018	4
DAIRY FACTORIES	0.0015	0.0011	0.0128	0.0119	0.0041	0.0147	0.0045	5
FISH PRODUCTS INDUSTRY	0.0005	0.0002	0.0043	0.0039	0.0006	0.0016	0.0014	6
FRUIT & VEG. PROCESSORS	0.0006	0.0004	0.0057	0.0052	0.0015	0.0057	0.0019	7
FEED MANUFACTURERS	0.0052	0.0005	0.0041	0.0045	0.0016	0.0043	0.0020	8
FLOUR & BREAKFAST CEREAL IND.	0.0009	0.0003	0.0031	0.0029	0.0009	0.0032	0.0012	9
BISC. MFGRS.	0.0001	0.0002	0.0012	0.0011	0.0003	0.0012	0.0004	10
BAKERIES	0.0008	0.0005	0.0081	0.0073	0.0018	0.0065	0.0026	11
CONFECTIONERY MFGRS.	0.0001	0.0001	0.0004	0.0004	0.0001	0.0005	0.0002	12
SUGAR REFINERIES	0.0003	0.0002	0.0018	0.0017	0.0006	0.0024	0.0007	13
VEGETABLE OIL MILLS	0.0005	0.0001	0.0008	0.0007	0.0004	0.0012	0.0006	14
MISC. FOOD IND.	0.0008	0.0006	0.0051	0.0047	0.0018	0.0064	0.0025	15
SOFT DRINKS MFGRS.	0.0003	0.0002	0.0024	0.0022	0.0009	0.0035	0.0028	16
DISTILLERS	0.0002	0.0001	0.0002	0.0002	0.0002	0.0003	0.0043	17
BREWERIES	0.0003	0.0003	0.0003	0.0003	0.0002	0.0003	0.0065	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005	19
LEAF TOBACCO PROCESSING	0.0001	0.0000	0.0001	0.0001	0.0000	0.0001	0.0000	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0003	0.0002	0.0030	0.0028	0.0005	0.0014	0.0012	22
MINES, QUARRIES & OIL WELLS	0.0083	0.0128	0.0135	0.0119	0.0164	0.0363	0.0280	23
MANUFACTURING EXCEPT FOOD	0.1155	0.0884	0.2206	0.1580	0.2506	0.6124	0.4739	24
COMMUNICATIONS	0.0312	0.0159	0.0576	0.0250	0.0172	0.0155	0.0819	25
TRANSP & STORAGE	0.0417	0.0242	0.0403	0.0480	0.8572	0.0683	0.1913	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0192	0.0053	0.0090	0.0121	0.0085	0.0116	0.0104	27
WHOLESALE TRADE	0.0181	0.0145	0.0250	0.0622	0.0492	0.1200	0.0460	28
RETAIL TRADE	0.9980	0.0133	0.0223	0.1358	0.0313	0.0801	0.0555	29
FIN, INS, REAL ESTATE	0.0808	1.0259	0.0561	0.0660	0.0350	0.0365	0.0382	30
COMMUNITY BUS, PERSONAL SERV.	0.0423	0.0347	0.9328	0.8357	0.0496	0.1203	0.2699	31
TRANSP. MARGINS	0.0198	0.0146	0.0222	0.0216	0.8178	0.0470	0.0246	32
CONSTRUCTION	0.0198	0.0924	0.0154	0.0223	0.0478	0.0149	0.0219	33
OPER. OFFICE, LAB & FOOD	0.0596	0.0272	0.0564	0.0572	0.2567	1.0510	0.0467	34
TRAVEL & ADVER'G PROMOTION	0.0389	0.0232	0.0329	0.0351	0.0217	0.0312	1.0272	35

Table 49

IMPACT OF YEAR 1961 COMMODITY

INDUSTRY	IMPUTED RENT .OWNER OCCUP IED DWELL'GS	MACHINERY & EQUIPMENT	RESIDENTIAL CONSTRUCTION	NURSERY STOC K & RELATED MAT.	ANIMAL MAT.F OR DRUGS&PER FUME	CUSTOM WORK MEAT&FOOD
AGRICULTURE	0.0025	0.0093	0.0078	1.0554	0.6764	0.3922
FORESTRY	0.0029	0.0476	0.0195	0.0114	0.0100	0.0031
SLAUGHTERING & MEAT PROCESSORS	0.0014	0.0040	0.0034	0.0070	1.1377	0.3457
POULTRY PROCESSORS	0.0002	0.0006	0.0005	0.0003	0.0005	0.0783
DAIRY FACTORIES	0.0007	0.0024	0.0019	0.0021	0.0033	0.0463
FISH PRODUCTS INDUSTRY	0.0002	0.0006	0.0004	0.0012	0.0034	0.1185
FRUIT & VEG. PROCESSORS	0.0003	0.0007	0.0007	0.0007	0.0009	0.0194
FEED MANUFACTURERS	0.0003	0.0016	0.0012	0.0915	0.0598	0.2381
FLOUR & BREAKFAST CEREAL IND.	0.0002	0.0007	0.0005	0.0124	0.0097	0.0278
BISC. MFGRS.	0.0001	0.0002	0.0001	0.0001	0.0001	0.0002
BAKERIES	0.0004	0.0007	0.0008	0.0006	0.0008	0.0851
CONFECTIONERY MFGRS.	0.0000	0.0002	0.0001	0.0002	0.0002	0.0104
SUGAR REFINERIES	0.0001	0.0003	0.0003	0.0014	0.0016	0.0088
VEGETABLE OIL MILLS	0.0001	0.0011	0.0005	0.0062	0.0116	0.0229
MISC.FOOD IND.	0.0004	0.0028	0.0011	0.0029	0.0051	0.0585
SOFT DRINKS MFGRS.	0.0001	0.0004	0.0003	0.0003	0.0003	0.0196
DISTILLERS	0.0001	0.0004	0.0002	0.0004	0.0004	0.0245
BREWERIES	0.0002	0.0004	0.0002	0.0003	0.0003	0.0007
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0005
LEAF TOBACCO PROCESSING	0.0000	0.0001	0.0000	0.0000	0.0001	0.0004
TOBACCO PROD.MFGRS.	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
FISH'G.HUNT'G & TRAPP'G	0.0001	0.0011	0.0005	0.0007	0.0015	0.0438
MINES.QUARRIES&OIL WELLS	0.0060	0.0986	0.0411	0.0139	0.0143	0.0145
MANUFACTURING EXCEPT FOOD	0.0719	1.3773	0.4851	0.1995	0.2000	0.2049
COMMUNICATIONS	0.0156	0.0144	0.0113	0.0097	0.0135	0.0127
TRANSP & STORAGE	0.0213	0.0559	0.0555	0.0444	0.0542	0.0713
ELEC.POWER.GAS.OTHER UTILITIES	0.0047	0.0184	0.0083	0.0126	0.0136	0.0124
WHOLESALE TRADE	0.0103	0.0368	0.0649	0.0457	0.0507	0.0450
RETAIL TRADE	0.0063	0.0122	0.0247	0.0165	0.0485	0.0295
FIN.INS.REAL ESTATE	1.0692	0.0390	0.0338	0.0478	0.0408	0.0363
COMMUNITY BUS.PERSONAL SERV.	0.0247	0.0329	0.0458	0.0189	0.0249	0.0292
TRANSP. MARGINS	0.0141	0.0327	0.0355	0.0277	0.0351	0.0406
CONSTRUCTION	0.0909	0.0182	1.0114	0.0265	0.0229	0.0192
OPER.OFFICE.LAB & FOOD	0.0258	0.0618	0.0550	0.0709	0.0718	0.0623
TRAVEL & ADVER'G PROMOTION	0.0227	0.0378	0.0235	0.0127	0.0246	0.0356

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IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	CATTLE AND CALVES	SHEEP AND LAMBS	HOGS	POULTRY	POULTRY,FRESH,FROZEN,CHILLED	POULTRY CANNED	OTHER LIVE ANIMALS	
AGRICULTURE	1.0696	1.0696	1.0696	1.0695	0.6852	0.7824	1.0696	1
FORESTRY	0.0090	0.0090	0.0090	0.0090	0.0090	0.0103	0.0090	2
SLAUGHTERING & MEAT PROCESSORS	0.0063	0.0063	0.0063	0.0063	0.1151	0.0582	0.0063	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0005	0.7409	0.9546	0.0003	4
DAIRY FACTORIES	0.0029	0.0029	0.0029	0.0029	0.0042	0.0052	0.0029	5
FISH PRODUCTS INDUSTRY	0.0010	0.0010	0.0010	0.0010	0.0010	0.0011	0.0010	6
FRUIT & VEG. PROCESSORS	0.0007	0.0007	0.0007	0.0007	0.0085	0.0594	0.0007	7
FEED MANUFACTURERS	0.0928	0.0928	0.0928	0.0929	0.0600	0.0684	0.0928	8
FLOUR & BREAKFAST CEREAL IND.	0.0095	0.0095	0.0095	0.0095	0.0064	0.0073	0.0095	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0006	0.0006	0.0006	0.0008	0.0008	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0001	12
SUGAR REFINERIES	0.0014	0.0014	0.0014	0.0014	0.0013	0.0027	0.0014	13
VEGETABLE OIL MILLS	0.0069	0.0069	0.0069	0.0069	0.0053	0.0056	0.0069	14
MISC.FOOD IND.	0.0038	0.0038	0.0038	0.0038	0.0044	0.0053	0.0038	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0003	16
DISTILLERS	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	17
BREWERIES	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0136	0.0136	0.0136	0.0136	0.0150	0.0169	0.0136	23
MANUFACTURING EXCEPT FOOD	0.1961	0.1961	0.1961	0.1961	0.2301	0.2642	0.1961	24
COMMUNICATIONS	0.0096	0.0096	0.0096	0.0096	0.0189	0.0163	0.0096	25
TRANSP & STORAGE	0.0392	0.0392	0.0392	0.0392	0.0603	0.0664	0.0392	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0129	0.0129	0.0129	0.0129	0.0176	0.0172	0.0129	27
WHOLESALE TRADE	0.0416	0.0416	0.0416	0.0416	0.0551	0.0640	0.0416	28
RETAIL TRADE	0.0155	0.0155	0.0155	0.0155	0.1966	0.0317	0.0155	29
FIN,INS,REAL ESTATE	0.0536	0.0536	0.0536	0.0536	0.0557	0.0498	0.0536	30
COMMUNITY BUS,PERSONAL SERV.	0.0205	0.0205	0.0205	0.0205	0.0302	0.0305	0.0205	31
TRANSP. MARGINS	0.0227	0.0227	0.0227	0.0227	0.0338	0.0384	0.0227	32
CONSTRUCTION	0.0286	0.0286	0.0286	0.0286	0.0250	0.0264	0.0286	33
OPER.OFFICE,LAB & FOOD	0.0747	0.0747	0.0747	0.0747	0.0888	0.0939	0.0747	34
TRAVEL & ADVER'G PROMOTION	0.0133	0.0133	0.0133	0.0133	0.0288	0.0288	0.0133	35

Table 51

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	HORSE MEAT F RESH,CHILLED ,FROZEN	MEAT CURED	MEAT,PREPARED,COOKED NOT CANNED	MEAT PREPARED CANNED	ANIMAL OILS AND FATS LARD	MARGARINE,SHORTENING & LIKE PROD	
AGRICULTURE	0.5226	0.4158	0.6515	0.6514	0.5623	0.6382	0.3023	1
FORESTRY	0.0068	0.0062	0.0077	0.0077	0.0083	0.0083	0.0138	2
SLAUGHTERING & MEAT PROCESSORS	0.8343	0.6879	1.1370	1.1366	0.9109	1.1094	0.4190	3
POULTRY PROCESSORS	0.0009	0.0007	0.0009	0.0009	0.0282	0.0010	0.0011	4
DAIRY FACTORIES	0.0040	0.0035	0.0049	0.0049	0.0062	0.0049	0.0518	5
FISH PRODUCTS INDUSTRY	0.0015	0.0013	0.0018	0.0018	0.0017	0.0018	0.0016	6
FRUIT & VEG. PROCESSORS	0.0008	0.0007	0.0009	0.0010	0.1741	0.0009	0.0032	7
FEED MANUFACTURERS	0.0466	0.0372	0.0581	0.0581	0.0507	0.0665	0.0277	8
FLOUR & BREAKFAST CEREAL IND.	0.0055	0.0044	0.0067	0.0067	0.0062	0.0068	0.0123	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0007	0.0007	0.0007	0.0007	0.0008	0.0007	0.0007	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0002	0.0002	0.0003	0.0002	0.0015	12
SUGAR REFINERIES	0.0011	0.0009	0.0014	0.0014	0.0060	0.0014	0.0084	13
VEGETABLE OIL MILLS	0.0082	0.0067	0.0108	0.0108	0.0091	0.0111	0.0081	14
MISC.FOOD IND.	0.0044	0.0037	0.0060	0.0063	0.0183	0.0058	0.4538	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0003	16
DISTILLERS	0.0004	0.0004	0.0005	0.0005	0.0005	0.0005	0.0007	17
BREWERIES	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0006	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0006	0.0008	0.0008	0.0008	0.0009	0.0008	22
MINES,QUARRIES&OIL WELLS	0.0120	0.0112	0.0131	0.0131	0.0145	0.0140	0.0246	23
MANUFACTURING EXCEPT FOOD	0.1762	0.1643	0.1938	0.1939	0.2237	0.2141	0.4504	24
COMMUNICATIONS	0.0190	0.0222	0.0146	0.0146	0.0153	0.0146	0.0176	25
TRANSP & STORAGE	0.0464	0.0453	0.0486	0.0486	0.0514	0.0494	0.0513	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0153	0.0165	0.0136	0.0136	0.0136	0.0136	0.0129	27
WHOLESALE TRADE	0.0405	0.0361	0.0477	0.0477	0.0486	0.0477	0.0445	28
RETAIL TRADE	0.2786	0.4319	0.0518	0.0518	0.0459	0.0509	0.0272	29
FIN,INS,REAL ESTATE	0.0529	0.0591	0.0429	0.0429	0.0416	0.0427	0.0375	30
COMMUNITY BUS,PERSONAL SERV.	0.0285	0.0299	0.0270	0.0270	0.0301	0.0272	0.0380	31
TRANSP. MARGINS	0.0255	0.0237	0.0287	0.0287	0.0295	0.0290	0.0310	32
CONSTRUCTION	0.0209	0.0198	0.0221	0.0221	0.0207	0.0219	0.0163	33
OPER.OFFICE,LAB & FOOD	0.0738	0.0728	0.0753	0.0753	0.0747	0.0751	0.0626	34
TRAVEL & ADVER'G PROMOTION	0.0299	0.0329	0.0265	0.0265	0.0359	0.0268	0.0674	35

Table 52

INDUSTRY	IMPACT OF YEAR 1966 COMMODITY: SAUSAGE CASINGS, NATURAL AND SYNTH.	PRIMARY TANKAGE	MILK, WHOLE, FLUID, PROCESSED	MILK, WHOLE, FLUID, UNPROCESSED	FRESH CREAM	BUTTER	CHEESE, CHEDAR & PROCESSED	
AGRICULTURE	0.6517	0.5989	0.5423	1.0696	0.5445	0.5427	0.5471	1
FORESTRY	0.0077	0.0096	0.0091	0.0090	0.0091	0.0091	0.0091	2
SLAUGHTERING & MEAT PROCESSORS	1.1374	0.8736	0.0055	0.0063	0.0055	0.0055	0.0266	3
POULTRY PROCESSORS	0.0009	0.0038	0.0005	0.0003	0.0007	0.0008	0.0005	4
DAIRY FACTORIES	0.0049	0.0057	1.1000	0.0029	1.1040	1.0993	1.0849	5
FISH PRODUCTS INDUSTRY	0.0018	0.0025	0.0009	0.0010	0.0009	0.0009	0.0009	6
FRUIT & VEG. PROCESSORS	0.0009	0.0011	0.0027	0.0007	0.0027	0.0027	0.0027	7
FEED MANUFACTURERS	0.0582	0.1601	0.0475	0.0928	0.0477	0.0475	0.0480	8
FLOUR & BREAKFAST CEREAL IND.	0.0067	0.0081	0.0054	0.0095	0.0054	0.0054	0.0054	9
BISC. MFGRS.	0.0001	0.0001	0.0005	0.0001	0.0005	0.0005	0.0005	10
BAKERIES	0.0007	0.0007	0.0008	0.0006	0.0008	0.0008	0.0008	11
CONFECTIONERY MFGRS.	0.0002	0.0003	0.0012	0.0001	0.0012	0.0012	0.0012	12
SUGAR REFINERIES	0.0014	0.0023	0.0068	0.0014	0.0068	0.0068	0.0068	13
VEGETABLE OIL MILLS	0.0108	0.0144	0.0038	0.0069	0.0038	0.0038	0.0040	14
MISC. FOOD IND.	0.0056	0.0082	0.0097	0.0038	0.0098	0.0102	0.0116	15
SOFT DRINKS MFGRS.	0.0004	0.0004	0.0007	0.0003	0.0007	0.0007	0.0007	16
DISTILLERS	0.0005	0.0009	0.0005	0.0005	0.0005	0.0005	0.0005	17
BREWERIES	0.0003	0.0005	0.0004	0.0003	0.0004	0.0004	0.0004	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0008	0.0012	0.0005	0.0006	0.0005	0.0005	0.0005	22
MINES, QUARRIES&OIL WELLS	0.0131	0.0165	0.0158	0.0136	0.0158	0.0158	0.0158	23
MANUFACTURING EXCEPT FOOD	0.1938	0.2660	0.2478	0.1961	0.2493	0.2479	0.2477	24
COMMUNICATIONS	0.0146	0.0150	0.0148	0.0096	0.0147	0.0148	0.0146	25
TRANSP & STORAGE	0.0486	0.0586	0.0588	0.0392	0.0588	0.0588	0.0586	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0136	0.0142	0.0150	0.0129	0.0150	0.0150	0.0150	27
WHOLESALE TRADE	0.0477	0.0510	0.0601	0.0416	0.0564	0.0597	0.0536	28
RETAIL TRADE	0.0518	0.0445	0.0160	0.0155	0.0161	0.0160	0.0167	29
FIN. INS. REAL ESTATE	0.0429	0.0424	0.0438	0.0536	0.0437	0.0438	0.0436	30
COMMUNITY BUS, PERSONAL SERV.	0.0270	0.0280	0.0371	0.0205	0.0371	0.0371	0.0369	31
TRANSP. MARGINS	0.0287	0.0331	0.0363	0.0227	0.0363	0.0363	0.0362	32
CONSTRUCTION	0.0221	0.0216	0.0210	0.0286	0.0211	0.0210	0.0211	33
OPER. OFFICE, LAB & FOOD	0.0753	0.0762	0.0838	0.0747	0.0839	0.0838	0.0837	34
TRAVEL & ADVER'G PROMOTION	0.0265	0.0284	0.0401	0.0133	0.0400	0.0401	0.0397	35

Table 53

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	MILK EVAPORATED	ICE CREAM	OTHER DAIRY PROD	RICE UNMILLED	WHEAT UNMILLED	BARLEY,OATS,RYE,CORN,GRAIN NES.	WHEAT FLOUR	
AGRICULTURE	0.5517	0.5074	0.5336	0.0	1.0695	1.0670	0.5072	1
FORESTRY	0.0092	0.0090	0.0091	0.0	0.0090	0.0090	0.0088	2
SLAUGHTERING & MEAT PROCESSORS	0.0056	0.0057	0.0060	0.0	0.0063	0.0064	0.0083	3
POULTRY PROCESSORS	0.0005	0.0005	0.0041	0.0	0.0003	0.0003	0.0004	4
DAIRY FACTORIES	1.1192	1.0209	1.0685	0.0	0.0029	0.0029	0.0038	5
FISH PRODUCTS INDUSTRY	0.0009	0.0009	0.0009	0.0	0.0010	0.0010	0.0015	6
FRUIT & VEG. PROCESSORS	0.0027	0.0029	0.0035	0.0	0.0007	0.0007	0.0009	7
FEED MANUFACTURERS	0.0483	0.0445	0.0468	0.0	0.0929	0.0928	0.0735	8
FLOUR & BREAKFAST CEREAL IND.	0.0054	0.0058	0.0062	0.0	0.0095	0.0099	0.0850	9
BISC. MFGRS.	0.0005	0.0005	0.0005	0.0	0.0001	0.0001	0.0001	10
BAKERIES	0.0008	0.0015	0.0008	0.0	0.0006	0.0006	0.0008	11
CONFECTIONERY MFGRS.	0.0012	0.0742	0.0013	0.0	0.0001	0.0002	0.0003	12
SUGAR REFINERIES	0.0069	0.0130	0.0074	0.0	0.0014	0.0014	0.0071	13
VEGETABLE OIL MILLS	0.0039	0.0038	0.0041	0.0	0.0069	0.0070	0.0061	14
MISC.FOOD IND.	0.0099	0.0331	0.0545	0.0	0.0038	0.0063	0.0076	15
SOFT DRINKS MFGRS.	0.0007	0.0006	0.0007	0.0	0.0003	0.0003	0.0004	16
DISTILLERS	0.0005	0.0005	0.0005	0.0	0.0005	0.0005	0.0013	17
BREWERIES	0.0004	0.0004	0.0004	0.0	0.0003	0.0003	0.0009	18
WINERIES	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0005	0.0005	0.0	0.0006	0.0006	0.0009	22
MINES,QUARRIES&OIL WELLS	0.0159	0.0159	0.0160	0.0	0.0136	0.0136	0.0149	23
MANUFACTURING EXCEPT FOOD	0.2500	0.2507	0.2510	0.0	0.1961	0.1953	0.2386	24
COMMUNICATIONS	0.0144	0.0149	0.0147	0.0	0.0096	0.0096	0.0139	25
TRANSP & STORAGE	0.0586	0.0586	0.0593	0.0	0.0392	0.0394	0.1291	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0151	0.0147	0.0149	0.0	0.0129	0.0129	0.0140	27
WHOLESALE TRADE	0.0433	0.0431	0.0434	0.0	0.0416	0.0416	0.0503	28
RETAIL TRADE	0.0161	0.0157	0.0160	0.0	0.0155	0.0155	0.0164	29
FIN.INS.REAL ESTATE	0.0435	0.0429	0.0431	0.0	0.0536	0.0535	0.0428	30
COMMUNITY BUS,PERSONAL SERV.	0.0369	0.0379	0.0373	0.0	0.0205	0.0205	0.0393	31
TRANSP. MARGINS	0.0366	0.0358	0.0365	0.0	0.0227	0.0228	0.0634	32
CONSTRUCTION	0.0212	0.0203	0.0208	0.0	0.0286	0.0286	0.0311	33
OPER.OFFICE,LAB & FOOD	0.0842	0.0811	0.0827	0.0	0.0747	0.0746	0.0753	34
TRAVEL & ADVER'G PROMOTION	0.0395	0.0452	0.0427	0.0	0.0133	0.0135	0.0750	35

Table 54

IMPACT OF YEAR 1966

INDUSTRY	COMMODITY: FRUITS,FRESH ,EX.TROPICAL	VEGETABLES,F RESH	VEG.FRESH,FR OZEN,DRIED & PRESERVED	VEGETABLES & PREPARATION S CANNED	FRUITS,BERRI ES,DRIED,CRY STALIZED	FRUITS & PRE PARATIONS CA NNED	EGGS IN THE SHELL	
AGRICULTURE	1.0652	1.0686	0.1300	0.1285	0.1224	0.1473	1.0689	1
FORESTRY	0.0090	0.0090	0.0107	0.0107	0.0103	0.0103	0.0090	2
SLAUGHTERING & MEAT PROCESSORS	0.0063	0.0063	0.0241	0.0260	0.0229	0.0218	0.0063	3
POULTRY PROCESSORS	0.0006	0.0003	0.0102	0.0103	0.0089	0.0090	0.0003	4
DAIRY FACTORIES	0.0029	0.0029	0.0120	0.0119	0.0120	0.0710	0.0029	5
FISH PRODUCTS INDUSTRY	0.0052	0.0010	0.0073	0.0016	0.0179	0.0015	0.0010	6
FRUIT & VEG. PROCESSORS	0.0007	0.0007	1.0134	1.0232	0.8566	0.8770	0.0007	7
FEED MANUFACTURERS	0.0925	0.0928	0.0266	0.0126	0.0122	0.0142	0.0028	8
FLOUR & BREAKFAST CEREAL IND.	0.0095	0.0095	0.0031	0.0024	0.0054	0.0043	0.0095	9
BISC. MFGRS.	0.0001	0.0001	0.0002	0.0002	0.0002	0.0012	0.0001	10
BAKERIES	0.0006	0.0006	0.0009	0.0016	0.0009	0.0009	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0001	0.0007	0.0007	0.0031	0.0028	0.0001	12
SUGAR REFINERIES	0.0014	0.0014	0.0279	0.0280	0.0263	0.0261	0.0014	13
VEGETABLE OIL MILLS	0.0069	0.0069	0.0022	0.0015	0.0027	0.0023	0.0069	14
MISC.FOOD IND.	0.0038	0.0049	0.0133	0.0109	0.1723	0.1029	0.0045	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0004	0.0004	0.0004	0.0004	0.0003	16
DISTILLERS	0.0005	0.0005	0.0006	0.0006	0.0006	0.0006	0.0006	17
BREWERIES	0.0003	0.0003	0.0006	0.0006	0.0006	0.0006	0.0003	18
WINERIES	0.0000	0.0000	0.0001	0.0001	0.0030	0.0001	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0020	0.0006	0.0027	0.0007	0.0064	0.0007	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0136	0.0136	0.0204	0.0204	0.0197	0.0197	0.0136	23
MANUFACTURING EXCEPT FOOD	0.1964	0.1962	0.3549	0.3553	0.3420	0.3416	0.1961	24
COMMUNICATIONS	0.0096	0.0096	0.0180	0.0182	0.0184	0.0183	0.0096	25
TRANSP & STORAGE	0.0394	0.0393	0.0615	0.0606	0.0629	0.0619	0.0393	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0129	0.0129	0.0136	0.0135	0.0131	0.0133	0.0129	27
WHOLESALE TRADE	0.0416	0.0416	0.0512	0.0588	0.0509	0.0602	0.0416	28
RETAIL TRADE	0.0155	0.0155	0.0221	0.0222	0.0207	0.0211	0.0155	29
FIN,INS,REAL ESTATE	0.0535	0.0535	0.0349	0.0351	0.0345	0.0354	0.0535	30
COMMUNITY BUS,PERSONAL SERV.	0.0205	0.0205	0.0439	0.0441	0.0444	0.0441	0.0205	31
TRANSP. MARGINS	0.0228	0.0227	0.0322	0.0316	0.0320	0.0320	0.0227	32
CONSTRUCTION	0.0286	0.0286	0.0135	0.0134	0.0132	0.0137	0.0286	33
OPER.OFFICE,LAB & FOOD	0.0746	0.0746	0.0701	0.0701	0.0665	0.0689	0.0746	34
TRAVEL & ADVER'G PROMOTION	0.0133	0.0134	0.0761	0.0766	0.0820	0.0782	0.0133	35

Table 55

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	NUTS,EDIBLE, NOT SHELLED	SEEDS EX.OIL SEED GRADES	OIL SEEDS,NUTS AND KERNELS	NUTS,KERNELS AND SEEDS PREPARED	MEAL & FLOUR OF OTHER CEREALS & VEG.	BREAKFAST CEREAL PRODUCTS	BISCUITS	
AGRICULTURE	1.0520	1.0696	1.0672	0.0637	0.3949	0.4453	0.0801	1
FORESTRY	0.0090	0.0090	0.0090	0.0077	0.0086	0.0087	0.0094	2
SLAUGHTERING & MEAT PROCESSORS	0.0065	0.0063	0.0064	0.0060	0.0110	0.0085	0.0338	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0007	0.0008	0.0006	0.0006	4
DAIRY FACTORIES	0.0031	0.0029	0.0029	0.0397	0.0064	0.0050	0.0166	5
FISH PRODUCTS INDUSTRY	0.0011	0.0010	0.0010	0.0008	0.0018	0.0014	0.0007	6
FRUIT & VEG. PROCESSORS	0.0008	0.0007	0.0007	0.0060	0.0112	0.0018	0.0060	7
FEED MANUFACTURERS	0.0913	0.0928	0.0928	0.0064	0.0764	0.0431	0.0099	8
FLOUR & BREAKFAST CEREAL IND.	0.0097	0.0095	0.0095	0.0077	0.7074	0.8464	0.0751	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0006	0.0001	0.0001	0.8035	10
BAKERIES	0.0006	0.0006	0.0006	0.0007	0.0008	0.0008	0.0589	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0002	0.8297	0.0010	0.0008	0.0095	12
SUGAR REFINERIES	0.0017	0.0014	0.0014	0.0763	0.0102	0.0088	0.0434	13
VEGETABLE OIL MILLS	0.0070	0.0069	0.0070	0.0030	0.0111	0.0056	0.0020	14
MISC.FOOD IND.	0.0233	0.0038	0.0063	0.2445	0.2837	0.1815	0.0774	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0037	16
DISTILLERS	0.0005	0.0005	0.0005	0.0007	0.0012	0.0011	0.0006	17
BREWERIES	0.0003	0.0003	0.0003	0.0009	0.0009	0.0009	0.0007	18
WINERIES	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0006	0.0006	0.0004	0.0009	0.0007	0.0004	22
MINES,QUARRIES&OIL WELLS	0.0137	0.0136	0.0136	0.0149	0.0152	0.0151	0.0187	23
MANUFACTURING EXCEPT FOOD	0.1974	0.1961	0.1963	0.2579	0.2466	0.2445	0.3168	24
COMMUNICATIONS	0.0098	0.0096	0.0096	0.0196	0.0192	0.0192	0.0174	25
TRANSP & STORAGE	0.0399	0.0392	0.0393	0.0589	0.1139	0.1136	0.0607	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0128	0.0129	0.0129	0.0103	0.0131	0.0135	0.0120	27
WHOLESALE TRADE	0.0416	0.0416	0.0416	0.0409	0.0488	0.0488	0.0426	28
RETAIL TRADE	0.0155	0.0155	0.0155	0.0123	0.0157	0.0160	0.0147	29
FIN.INS.REAL ESTATE	0.0532	0.0536	0.0535	0.0363	0.0399	0.0414	0.0387	30
COMMUNITY BUS,PERSONAL SERV.	0.0210	0.0205	0.0205	0.0476	0.0413	0.0402	0.0403	31
TRANSP. MARGINS	0.0229	0.0227	0.0228	0.0279	0.0554	0.0585	0.0325	32
CONSTRUCTION	0.0283	0.0286	0.0286	0.0113	0.0186	0.0197	0.0126	33
OPER.OFFICE,LAB & FOOD	0.0742	0.0747	0.0746	0.0503	0.0679	0.0709	0.0631	34
TRAVEL & ADVER'G PROMOTION	0.0151	0.0133	0.0135	0.1020	0.0848	0.0825	0.0811	35

Table 56

IMPACT OF YEAR 1966

INDUSTRY	COMMODITY: BREAD & ROLLS	OTHER BAKING PRODUCTS	COCOA AND CHOCOLATE	CHOCOLATE CONFECTIONERY	OTHER CONFECTIONERY	SUGAR	MOLASSES, SUGAR REFINERY PRODUCTS	
AGRICULTURE	0.1094	0.1128	0.0556	0.0537	0.0787	0.0463	0.0598	1
FORESTRY	0.0075	0.0076	0.0076	0.0076	0.0077	0.0028	0.0041	2
SLAUGHTERING & MEAT PROCESSORS	0.0226	0.0231	0.0044	0.0039	0.0052	0.0011	0.0044	3
POULTRY PROCESSORS	0.0019	0.0020	0.0006	0.0005	0.0006	0.0001	0.0008	4
DAIRY FACTORIES	0.0209	0.0216	0.0452	0.0465	0.0916	0.0008	0.0034	5
FISH PRODUCTS INDUSTRY	0.0013	0.0014	0.0006	0.0005	0.0006	0.0002	0.0005	6
FRUIT & VEG. PROCESSORS	0.0138	0.0149	0.0036	0.0035	0.0044	0.0002	0.0464	7
FEED MANUFACTURERS	0.0145	0.0149	0.0055	0.0053	0.0075	0.0042	0.0057	8
FLOUR & BREAKFAST CEREAL IND.	0.1462	0.1493	0.0048	0.0042	0.0064	0.0010	0.0049	9
BISC. MFGRS.	0.0004	0.0016	0.0043	0.0025	0.0222	0.0000	0.0001	10
BAKERIES	0.9584	0.9764	0.0007	0.0022	0.0018	0.0003	0.0004	11
CONFECTIONERY MFGRS.	0.0075	0.0126	0.9977	1.0385	0.9197	0.0000	0.0006	12
SUGAR REFINERIES	0.0281	0.0294	0.0881	0.0910	0.0827	1.0002	0.7861	13
VEGETABLE OIL MILLS	0.0020	0.0021	0.0017	0.0014	0.0019	0.0004	0.0020	14
MISC.FOOD IND.	0.0497	0.0628	0.0739	0.0331	0.0841	0.0008	0.1894	15
SOFT DRINKS MFGRS.	0.0004	0.0004	0.0003	0.0003	0.0003	0.0001	0.0002	16
DISTILLERS	0.0005	0.0005	0.0006	0.0006	0.0006	0.0001	0.0003	17
BREWERIES	0.0006	0.0006	0.0007	0.0007	0.0007	0.0001	0.0003	18
WINERIES	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0006	0.0004	0.0003	0.0004	0.0001	0.0003	22
MINES,QUARRIES&OIL WELLS	0.0150	0.0153	0.0147	0.0145	0.0149	0.0078	0.0099	23
MANUFACTURING EXCEPT FOOD	0.2421	0.2470	0.2554	0.2547	0.2573	0.0894	0.1327	24
COMMUNICATIONS	0.0178	0.0172	0.0194	0.0194	0.0192	0.0053	0.0085	25
TRANSP & STORAGE	0.0662	0.0659	0.0554	0.0545	0.0559	0.0207	0.0322	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0142	0.0143	0.0102	0.0102	0.0105	0.0054	0.0066	27
WHOLESALE TRADE	0.0854	0.0502	0.0404	0.0403	0.0406	0.0302	0.0334	28
RETAIL TRADE	0.0167	0.0168	0.0120	0.0119	0.0122	0.0046	0.0069	29
FIN.INS.REAL ESTATE	0.0429	0.0422	0.0370	0.0372	0.0373	0.0265	0.0279	30
COMMUNITY BUS,PERSONAL SERV.	0.0490	0.0488	0.0475	0.0475	0.0469	0.0108	0.0188	31
TRANSP. MARGINS	0.0362	0.0368	0.0267	0.0264	0.0273	0.0130	0.0174	32
CONSTRUCTION	0.0135	0.0136	0.0112	0.0112	0.0117	0.0057	0.0079	33
OPER.OFFICE,LAB & FOOD	0.0579	0.0578	0.0508	0.0509	0.0525	0.0314	0.0360	34
TRAVEL & ADVER'G PROMOTION	0.0657	0.0661	0.0990	0.0983	0.0962	0.0099	0.0314	35

Table 57

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	OILSEED,MEAL & CAKE	MAPLE SUGAR & SYRUP	PREPARED CAKE & SIMILAR MIXES	BEET PULP	SOUPS,DRIED & SOUP MIXES & BASES	COFFEE,ROASTED,GROUND,PREPARED	TEA	
AGRICULTURE	0.1912	0.5451	0.2311	0.0463	0.1058	0.1021	0.1039	1
FORESTRY	0.0031	0.0086	0.0084	0.0028	0.0085	0.0082	0.0082	2
SLAUGHTERING & MEAT PROCESSORS	0.0031	0.0106	0.0550	0.0011	0.0152	0.0140	0.0142	3
POULTRY PROCESSORS	0.0003	0.0010	0.0014	0.0001	0.0025	0.0015	0.0015	4
DAIRY FACTORIES	0.0014	0.0083	0.0103	0.0008	0.0128	0.0127	0.0129	5
FISH PRODUCTS INDUSTRY	0.0007	0.0016	0.0018	0.0002	0.0019	0.0020	0.0020	6
FRUIT & VEG. PROCESSORS	0.0004	0.0038	0.0251	0.0002	0.1186	0.0064	0.0065	7
FEED MANUFACTURERS	0.0177	0.0483	0.0226	0.0042	0.0109	0.0106	0.0107	8
FLOUR & BREAKFAST CEREAL IND.	0.0019	0.0168	0.2911	0.0010	0.0207	0.0226	0.0230	9
BISC. MFGRS.	0.0000	0.0001	0.0002	0.0000	0.0002	0.0002	0.0002	10
BAKERIES	0.0005	0.0007	0.0167	0.0003	0.0008	0.0007	0.0007	11
CONFECTIONERY MFGRS.	0.0001	0.0018	0.0046	0.0000	0.0030	0.0031	0.0031	12
SUGAR REFINERIES	0.0004	0.0104	0.0151	1.0002	0.0192	0.0178	0.0181	13
VEGETABLE OIL MILLS	1.0159	0.0092	0.0078	0.0004	0.0083	0.0090	0.0092	14
MISC.FOOD IND.	0.0018	0.5862	0.7177	0.0008	0.9608	1.0575	1.0773	15
SOFT DRINKS MFGRS.	0.0002	0.0003	0.0003	0.0001	0.0003	0.0003	0.0003	16
DISTILLERS	0.0003	0.0007	0.0010	0.0001	0.0009	0.0009	0.0009	17
BREWERIES	0.0002	0.0006	0.0009	0.0001	0.0009	0.0009	0.0009	18
WINERIES	0.0000	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0000	0.0001	0.0000	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0003	0.0008	0.0008	0.0001	0.0008	0.0009	0.0009	22
MINES,QUARRIES&OIL WELLS	0.0057	0.0150	0.0158	0.0078	0.0167	0.0161	0.0162	23
MANUFACTURING EXCEPT FOOD	0.0820	0.2363	0.2606	0.0994	0.2797	0.2675	0.2702	24
COMMUNICATIONS	0.0059	0.0155	0.0198	0.0053	0.0203	0.0208	0.0206	25
TRANSP & STORAGE	0.0384	0.0593	0.0882	0.0207	0.0745	0.0756	0.0762	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0099	0.0116	0.0117	0.0054	0.0108	0.0107	0.0105	27
WHOLESALE TRADE	0.0267	0.0426	0.0455	0.0302	0.0443	0.0430	0.0434	28
RETAIL TRADE	0.0059	0.0145	0.0160	0.0046	0.0146	0.0320	0.0136	29
FIN.INS,REAL ESTATE	0.0160	0.0422	0.0360	0.0265	0.0329	0.0336	0.0327	30
COMMUNITY BUS.PERSONAL SERV.	0.0119	0.0354	0.0449	0.0108	0.0475	0.0477	0.0480	31
TRANSP. MARGINS	0.0269	0.0288	0.0413	0.0130	0.0336	0.0335	0.0338	32
CONSTRUCTION	0.0092	0.0196	0.0148	0.0067	0.0121	0.0120	0.0119	33
OPER.OFFICE,LAB & FOOD	0.0338	0.0602	0.0569	0.0314	0.0504	0.0484	0.0480	34
TRAVEL & ADVER'G PROMOTION	0.0157	0.0691	0.1007	0.0099	0.1119	0.1149	0.1163	35

Table 58

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	POTATO CHIPS & SIMILAR PRODUCTS	MISC. FOOD PREPARATIONS	SOFTDRINK CONCENTRATES & SYRUP	CARBONATED BEV. SOFT DRINKS	SOUPS CANNED	PICKLES, RELISHES, OTHER SAUCES	VINEGAR	
AGRICULTURE	0.1029	0.1480	0.0242	0.0132	0.1285	0.1407	0.1285	1
FORESTRY	0.0082	0.0091	0.0089	0.0090	0.0107	0.0105	0.0107	2
SLAUGHTERING & MEAT PROCESSORS	0.0142	0.0376	0.0060	0.0049	0.0239	0.0273	0.0239	3
POULTRY PROCESSORS	0.0015	0.0017	0.0008	0.0006	0.0104	0.0173	0.0104	4
DAIRY FACTORIES	0.0129	0.0953	0.0046	0.0034	0.0120	0.0297	0.0120	5
FISH PRODUCTS INDUSTRY	0.0020	0.0019	0.0013	0.0012	0.0015	0.0015	0.0015	6
FRUIT & VEG. PROCESSORS	0.0068	0.0364	0.0032	0.0015	1.0371	0.0359	1.0378	7
FEED MANUFACTURERS	0.0107	0.0243	0.0040	0.0031	0.0127	0.0137	0.0127	8
FLOUR & BREAKFAST CEREAL IND.	0.0230	0.0215	0.0038	0.0012	0.0023	0.0038	0.0022	9
BISC. MFGRS.	0.0002	0.0006	0.0001	0.0001	0.0002	0.0002	0.0002	10
BAKERIES	0.0007	0.0007	0.0010	0.0011	0.0009	0.0009	0.0009	11
CONFECTIONERY MFGRS.	0.0044	0.0214	0.0007	0.0004	0.0007	0.0008	0.0007	12
SUGAR REFINERIES	0.0182	0.0180	0.0688	0.0756	0.0283	0.0269	0.0283	13
VEGETABLE OIL MILLS	0.0092	0.0087	0.0018	0.0008	0.0015	0.0022	0.0015	14
MISC.FOOD IND.	1.0757	0.8879	0.1518	0.0243	0.0083	0.0839	0.0075	15
SOFT DRINKS MFGRS.	0.0003	0.0005	0.9553	1.0855	0.0004	0.0004	0.0004	16
DISTILLERS	0.0009	0.0009	0.0012	0.0012	0.0006	0.0006	0.0006	17
BREWERIES	0.0009	0.0021	0.0010	0.0038	0.0006	0.0006	0.0006	18
WINERIES	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0002	0.0002	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0009	0.0009	0.0006	0.0006	0.0007	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0162	0.0174	0.0171	0.0172	0.0205	0.0201	0.0205	23
MANUFACTURING EXCEPT FOOD	0.2702	0.2946	0.3035	0.3079	0.3578	0.3485	0.3578	24
COMMUNICATIONS	0.0206	0.0198	0.0239	0.0243	0.0181	0.0182	0.0181	25
TRANSP & STORAGE	0.0762	0.0735	0.0598	0.0575	0.0604	0.0615	0.0604	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0105	0.0112	0.0111	0.0112	0.0136	0.0134	0.0136	27
WHOLESALE TRADE	0.0434	0.0439	0.0424	0.0422	0.0510	0.0505	0.0510	28
RETAIL TRADE	0.0136	0.0149	0.0157	0.0160	0.0223	0.0217	0.0223	29
FIN.INS.REAL ESTATE	0.0327	0.0340	0.0386	0.0393	0.0349	0.0350	0.0349	30
COMMUNITY BUS,PERSONAL SERV.	0.0479	0.0462	0.0548	0.0558	0.0440	0.0440	0.0440	31
TRANSP. MARGINS	0.0338	0.0339	0.0254	0.0242	0.0317	0.0320	0.0317	32
CONSTRUCTION	0.0119	0.0130	0.0120	0.0120	0.0134	0.0136	0.0134	33
OPER.OFFICE,LAB & FOOD	0.0480	0.0526	0.0630	0.0651	0.0702	0.0691	0.0702	34
TRAVEL & ADVER'G PROMOTION	0.1162	0.1048	0.1421	0.1457	0.0766	0.0783	0.0766	35

Table 59

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	OTHER FOOD PREPARATIONS	FISH PRODUCTS	MUSTARD MAYONNAISE	HONEY AND BEESWAX	MALT, MALT FLOUR & WHEAT STARCH	ALCOHOLIC BEVERAGES	ALCOHOL, NATURAL ETHYL DISTILLED	
AGRICULTURE	0.1788	0.0121	0.3705	0.6899	0.1036	0.0472	0.0480	1
FORESTRY	0.0103	0.0083	0.0091	0.0089	0.0082	0.0071	0.0071	2
SLAUGHTERING & MEAT PROCESSORS	0.0318	0.0048	0.0099	0.0093	0.0142	0.0039	0.0039	3
POULTRY PROCESSORS	0.0079	0.0013	0.0018	0.0008	0.0015	0.0005	0.0005	4
DAIRY FACTORIES	0.1430	0.0028	0.6684	0.0136	0.0129	0.0022	0.0021	5
FISH PRODUCTS INDUSTRY	0.0015	1.0207	0.0013	0.0014	0.0020	0.0009	0.0009	6
FRUIT & VEG. PROCESSORS	0.7554	0.0016	0.1065	0.0029	0.0065	0.0014	0.0014	7
FEED MANUFACTURERS	0.0169	0.0037	0.0331	0.0606	0.0119	0.0052	0.0053	8
FLOUR & BREAKFAST CEREAL IND.	0.0053	0.0010	0.0103	0.0146	0.0240	0.0011	0.0011	9
BISC. MFGRS.	0.0036	0.0001	0.0004	0.0001	0.0002	0.0001	0.0001	10
BAKERIES	0.0009	0.0025	0.0008	0.0006	0.0007	0.0009	0.0009	11
CONFECTIONERY MFGRS.	0.0010	0.0003	0.0157	0.0013	0.0031	0.0002	0.0002	12
SUGAR REFINERIES	0.0247	0.0004	0.0134	0.0078	0.0181	0.0029	0.0031	13
VEGETABLE OIL MILLS	0.0027	0.0005	0.0052	0.0078	0.0092	0.0007	0.0007	14
MISC.FOOD IND.	0.1317	0.0054	0.3242	0.4157	1.0751	0.0157	0.0155	15
SOFT DRINKS MFGRS.	0.0133	0.0005	0.0005	0.0003	0.0003	0.0004	0.0004	16
DISTILLERS	0.0006	0.0005	0.0005	0.0007	0.0009	1.0268	1.0128	17
BREWERIES	0.0006	0.0003	0.0006	0.0005	0.0009	0.0007	0.0007	18
WINERIES	0.0083	0.0001	0.0001	0.0000	0.0001	0.0005	0.0144	19
LEAF TOBACCO PROCESSING	0.0001	0.0003	0.0001	0.0000	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.3515	0.0006	0.0007	0.0009	0.0005	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0195	0.0162	0.0165	0.0149	0.0162	0.0140	0.0140	23
MANUFACTURING EXCEPT FOOD	0.3369	0.2689	0.2676	0.2314	0.2701	0.2369	0.2362	24
COMMUNICATIONS	0.0179	0.0145	0.0167	0.0139	0.0205	0.0175	0.0174	25
TRANSP & STORAGE	0.0617	0.0701	0.0639	0.0536	0.0763	0.0551	0.0549	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0133	0.0115	0.0135	0.0120	0.0105	0.0101	0.0101	27
WHOLESALE TRADE	0.0490	0.0563	0.0441	0.0423	0.0435	0.0344	0.0345	28
RETAIL TRADE	0.0206	0.0125	0.0159	0.0148	0.0137	0.0122	0.0122	29
FIN.INS.REAL ESTATE	0.0358	0.0291	0.0394	0.0454	0.0327	0.0235	0.0236	30
COMMUNITY BUS.PERSONAL SERV.	0.0434	0.0317	0.0410	0.0312	0.0479	0.0670	0.0665	31
TRANSP. MARGINS	0.0323	0.0340	0.0352	0.0271	0.0339	0.0206	0.0206	32
CONSTRUCTION	0.0142	0.0128	0.0176	0.0221	0.0120	0.0098	0.0098	33
OPER.OFFICE.LAB & FOOD	0.0690	0.0629	0.0717	0.0644	0.0480	0.0506	0.0503	34
TRAVEL & ADVER'G PROMOTION	0.0769	0.0278	0.0666	0.0531	0.1161	0.1074	0.1070	35

Table 60

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	BREWERS& DISTILLERS' GRAINS	ALE,BEER,STOUT & PORTER	WINES	TOBACCO PROCESSED,UNMANUFACTURED	CIGARETTES	TOBACCO MFG EX.CIGARETTES	TOBACCO RAW	
AGRICULTURE	0.0552	0.0164	0.1059	0.8656	0.2907	0.2907	1.0696	1
FORESTRY	0.0074	0.0075	0.0059	0.0084	0.0088	0.0088	0.0090	2
SLAUGHTERING & MEAT PROCESSORS	0.0067	0.0037	0.0026	0.0056	0.0037	0.0037	0.0063	3
POULTRY PROCESSORS	0.0007	0.0005	0.0004	0.0003	0.0004	0.0004	0.0003	4
DAIRY FACTORIES	0.0043	0.0025	0.0015	0.0027	0.0019	0.0019	0.0029	5
FISH PRODUCTS INDUSTRY	0.0013	0.0006	0.0010	0.0009	0.0007	0.0007	0.0010	6
FRUIT & VEG. PROCESSORS	0.0022	0.0011	0.0026	0.0007	0.0006	0.0006	0.0007	7
FEED MANUFACTURERS	0.0338	0.0020	0.0100	0.0752	0.0257	0.0257	0.0928	8
FLOUR & BREAKFAST CEREAL IND.	0.0064	0.0054	0.0012	0.0077	0.0028	0.0028	0.0095	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0008	0.0007	0.0006	0.0006	0.0007	0.0007	0.0006	11
CONFECTIONERY MFGRS.	0.0007	0.0003	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0054	0.0019	0.0169	0.0012	0.0019	0.0019	0.0014	13
VEGETABLE OIL MILLS	0.0036	0.0011	0.0009	0.0057	0.0021	0.0021	0.0069	14
MISC.FOOD IND.	0.2110	0.0920	0.0016	0.0032	0.0022	0.0022	0.0038	15
SOFT DRINKS MFGRS.	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.5796	0.0007	0.0019	0.0005	0.0007	0.0007	0.0005	17
BREWERIES	0.2459	1.0011	0.0006	0.0003	0.0007	0.0007	0.0003	18
WINERIES	0.0002	0.0001	1.0134	0.0000	0.0001	0.0001	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0000	0.0001	1.0000	0.2906	0.2906	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	1.0049	1.0049	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0004	0.0005	0.0005	0.0004	0.0004	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0143	0.0138	0.0108	0.0131	0.0149	0.0149	0.0136	23
MANUFACTURING EXCEPT FOOD	0.2459	0.2546	0.1902	0.1922	0.2723	0.2723	0.1961	24
COMMUNICATIONS	0.0189	0.0214	0.0137	0.0099	0.0177	0.0177	0.0096	25
TRANSP & STORAGE	0.0590	0.0497	0.0397	0.0592	0.0498	0.0498	0.0392	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0110	0.0130	0.0081	0.0129	0.0094	0.0094	0.0129	27
WHOLESALE TRADE	0.0352	0.0292	0.0463	0.0384	0.0330	0.0330	0.0416	28
RETAIL TRADE	0.0127	0.0127	0.0092	0.0150	0.0127	0.0127	0.0155	29
FIN.INS,REAL ESTATE	0.0252	0.0234	0.0298	0.0567	0.0426	0.0426	0.0536	30
COMMUNITY BUS.PERSONAL SERV.	0.0635	0.0694	0.0307	0.0223	0.0449	0.0449	0.0205	31
TRANSP. MARGINS	0.0234	0.0182	0.0184	0.0398	0.0235	0.0235	0.0227	32
CONSTRUCTION	0.0104	0.0098	0.0101	0.0265	0.0175	0.0175	0.0286	33
OPER.OFFICE,LAB & FOOD	0.0497	0.0467	0.0338	0.0817	0.0539	0.0539	0.0747	34
TRAVEL & ADVER'G PROMOTION	0.1142	0.1365	0.0801	0.0161	0.0972	0.0972	0.0133	35

Table 61

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	VEG.OILS & FATS,CRUDE	FEEDS OF ANIMAL ORIGIN NES	PRIMARY OR CONCENTRATED FEEDS	FEEDS FOR COMMERCIAL LIVESTOCK	FEEDS,GRAIN ORIGIN NES	FEEDS OF VEG.ORIGIN NES	PET FEEDS	
AGRICULTURE	0.1999	0.6245	0.2986	0.3016	0.3859	0.2043	0.3344	1
FORESTRY	0.0032	0.0081	0.0072	0.0072	0.0078	0.0061	0.0073	2
SLAUGHTERING & MEAT PROCESSORS	0.0245	1.0653	0.0492	0.0541	0.0309	0.0346	0.2067	3
POULTRY PROCESSORS	0.0003	0.0009	0.0014	0.0014	0.0010	0.0011	0.0013	4
DAIRY FACTORIES	0.0015	0.0054	0.0152	0.0198	0.0101	0.0114	0.0135	5
FISH PRODUCTS INDUSTRY	0.0008	0.0022	0.0100	0.0099	0.0062	0.0070	0.0081	6
FRUIT & VEG. PROCESSORS	0.0004	0.0010	0.0029	0.0029	0.0024	0.0022	0.0029	7
FEED MANUFACTURERS	0.0185	0.1135	1.1208	1.1096	0.6533	0.7742	0.8751	8
FLOUR & BREAKFAST CEREAL IND.	0.0020	0.0075	0.0346	0.0357	0.4466	0.0162	0.0282	9
BISC. MFGRS.	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0005	0.0007	0.0008	0.0008	0.0008	0.0007	0.0009	11
CONFECTIONERY MFGRS.	0.0001	0.0002	0.0009	0.0009	0.0006	0.0006	0.0009	12
SUGAR REFINERIES	0.0004	0.0019	0.0122	0.0121	0.0099	0.0085	0.0111	13
VEGETABLE OIL MILLS	0.9967	0.0131	0.0573	0.0568	0.0348	0.0396	0.0466	14
MISC.FOOD IND.	0.0020	0.0071	0.0351	0.0348	0.0241	0.0244	0.1158	15
SOFT DRINKS MFGRS.	0.0002	0.0004	0.0004	0.0004	0.0004	0.0003	0.0004	16
DISTILLERS	0.0003	0.0007	0.0050	0.0050	0.0033	0.0036	0.0046	17
BREWERIES	0.0002	0.0005	0.0024	0.0024	0.0017	0.0018	0.0020	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0001	0.0000	0.0000	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0003	0.0011	0.0053	0.0053	0.0033	0.0038	0.0043	22
MINES,QUARRIES&OIL WELLS	0.0058	0.0139	0.0149	0.0149	0.0148	0.0126	0.0147	23
MANUFACTURING EXCEPT FOOD	0.0841	0.2110	0.2027	0.2031	0.2176	0.1774	0.2069	24
COMMUNICATIONS	0.0061	0.0147	0.0157	0.0157	0.0173	0.0218	0.0160	25
TRANSP & STORAGE	0.0386	0.0530	0.1320	0.1313	0.1297	0.1141	0.1152	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0100	0.0136	0.0143	0.0143	0.0141	0.0126	0.0139	27
WHOLESALE TRADE	0.0271	0.0487	0.0691	0.0689	0.0703	0.3717	0.0639	28
RETAIL TRADE	0.0067	0.0494	0.0167	0.0168	0.0165	0.0157	0.0216	29
FIN.INS,REAL ESTATE	0.0165	0.0423	0.0337	0.0338	0.0379	0.0414	0.0350	30
COMMUNITY BUS,PERSONAL SERV.	0.0122	0.0273	0.0298	0.0298	0.0341	0.0364	0.0308	31
TRANSP. MARGINS	0.0270	0.0306	0.0655	0.0652	0.0640	0.0504	0.0575	32
CONSTRUCTION	0.0085	0.0217	0.0172	0.0172	0.0188	0.0152	0.0175	33
OPER.OFFICE,LAB & FOOD	0.0345	0.0749	0.0699	0.0700	0.0721	0.0673	0.0689	34
TRAVEL & ADVER'G PROMOTION	0.0159	0.0273	0.0385	0.0385	0.0548	0.0497	0.0430	35

Table 62

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	INFANT & JUNIOR FOODS CANNED	HOPS INCLUDING LUPULIN	HAY FORAGE & STRAW	HIDES & SKINS,RAW NES	MINK SKINS,RANCHSED	WOOL & UNDRESE	IN GREA	SERV.INCIDENTAL TO AG.& FORESTRY	
AGRICULTURE	0.1218	1.0696	0.8497	0.6106	1.0696	1.0696	0.9991		1
FORESTRY	0.0127	0.0090	0.0085	0.0076	0.0090	0.0090	0.0544		2
SLAUGHTERING & MEAT PROCESSORS	0.0256	0.0063	0.0186	0.9629	0.0063	0.0063	0.0061		3
POULTRY PROCESSORS	0.0097	0.0003	0.0006	0.0008	0.0003	0.0003	0.0003		4
DAIRY FACTORIES	0.0113	0.0029	0.0064	0.0044	0.0029	0.0029	0.0028		5
FISH PRODUCTS INDUSTRY	0.0014	0.0010	0.0036	0.0016	0.0010	0.0010	0.0010		6
FRUIT & VEG. PROCESSORS	0.9659	0.0007	0.0013	0.0008	0.0007	0.0007	0.0007		7
FEED MANUFACTURERS	0.0120	0.0928	0.3985	0.0547	0.0928	0.0928	0.0868		8
FLOUR & BREAKFAST CEREAL IND.	0.0021	0.0095	0.0135	0.0062	0.0095	0.0095	0.0089		9
MISC. MFGRS.	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001		10
BAKERIES	0.0009	0.0006	0.0006	0.0007	0.0006	0.0006	0.0006		11
CONFECTIONERY MFGRS.	0.0006	0.0001	0.0003	0.0002	0.0001	0.0001	0.0001		12
SUGAR REFINERIES	0.0264	0.0014	0.0045	0.0012	0.0014	0.0014	0.0013		13
VEGETABLE OIL MILLS	0.0015	0.0069	0.0214	0.0096	0.0069	0.0069	0.0065		14
MISC.FOOD IND.	0.0071	0.0038	0.0128	0.0051	0.0038	0.0038	0.0036		15
SOFT DRINKS MFGRS.	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003		16
DISTILLERS	0.0006	0.0005	0.0018	0.0005	0.0005	0.0005	0.0005		17
BREWERIES	0.0006	0.0003	0.0009	0.0003	0.0003	0.0003	0.0003		18
WINERIES	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		19
LEAF TOBACCO PROCESSING	0.0001	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000		20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0006	0.0020	0.0008	0.0006	0.0006	0.0006		22
MINES,QUARRIES&OIL WELLS	0.0237	0.0136	0.0140	0.0130	0.0136	0.0136	0.0134		23
MANUFACTURING EXCEPT FOOD	0.4292	0.1961	0.1979	0.1940	0.1961	0.1961	0.1930		24
COMMUNICATIONS	0.0180	0.0096	0.0113	0.0162	0.0096	0.0096	0.0103		25
TRANSP & STORAGE	0.0599	0.0392	0.0656	0.0474	0.0392	0.0392	0.0402		26
ELEC.POWER,GAS,OTHER UTILITIES	0.0138	0.0129	0.0133	0.0143	0.0129	0.0129	0.0128		27
WHOLESALE TRADE	0.0503	0.0416	0.0496	0.0445	0.0416	0.0416	0.0405		28
RETAIL TRADE	0.0217	0.0155	0.0158	0.1435	0.0155	0.0155	0.0427		29
FIN.INS.REAL ESTATE	0.0350	0.0536	0.0479	0.0474	0.0536	0.0536	0.0566		30
COMMUNITY BUS,PERSONAL SERV..	0.0436	0.0205	0.0231	0.0274	0.0205	0.0205	0.0230		31
TRANSP. MARGINS	0.0315	0.0227	0.0349	0.0272	0.0227	0.0227	0.0221		32
CONSTRUCTION	0.0135	0.0286	0.0254	0.0218	0.0286	0.0286	0.0284		33
OPER.OFFICE,LAB & FOOD	0.0700	0.0747	0.0733	0.0746	0.0747	0.0747	0.0777		34
TRAVEL & ADVER'G PROMOTION	0.0742	0.0133	0.0203	0.0275	0.0133	0.0133	0.0143		35

Table 63

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	FORESTRY PROD	FISHING & TRAPPING PROD.	TEXTILE PRODUCTS	KNITTED PRODUCTS & CLOTHING	LUMBER, SAWMILL, OTHER WOOD PRODUCTS	FURNITURE & FIXTURES	PAPER & PAPER PRODUCTS	
AGRICULTURE	0.0325	0.0025	0.0072	0.0062	0.0057	0.0057	0.0057	1
FORESTRY	1.0620	0.0075	0.0389	0.0397	0.0434	0.0399	0.0400	2
SLAUGHTERING & MEAT PROCESSORS	0.0041	0.0011	0.0028	0.0028	0.0028	0.0028	0.0028	3
POULTRY PROCESSORS	0.0006	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	4
DAIRY FACTORIES	0.0027	0.0008	0.0016	0.0016	0.0016	0.0016	0.0016	5
FISH PRODUCTS INDUSTRY	0.0006	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	6
FRUIT & VEG. PROCESSORS	0.0010	0.0002	0.0005	0.0005	0.0005	0.0005	0.0005	7
FEED MANUFACTURERS	0.0068	0.0004	0.0010	0.0010	0.0009	0.0009	0.0009	8
FLOUR & BREAKFAST CEREAL IND.	0.0009	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	9
BISC. MFGRS.	0.0002	0.0000	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0012	0.0003	0.0006	0.0006	0.0006	0.0006	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0005	0.0001	0.0002	0.0002	0.0002	0.0002	0.0003	13
VEGETABLE OIL MILLS	0.0006	0.0002	0.0010	0.0010	0.0010	0.0010	0.0010	14
MISC.FOOD IND.	0.0013	0.0004	0.0013	0.0013	0.0013	0.0013	0.0015	15
SOFT DRINKS MFGRS.	0.0006	0.0001	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0002	0.0001	0.0004	0.0004	0.0004	0.0004	0.0004	17
BREWERIES	0.0002	0.0001	0.0003	0.0003	0.0003	0.0003	0.0006	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0004	1.0113	0.0007	0.0007	0.0007	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0117	0.0165	0.0672	0.0686	0.0690	0.0690	0.0691	23
MANUFACTURING EXCEPT FOOD	0.1922	0.2602	1.3922	1.4220	1.4305	1.4300	1.4325	24
COMMUNICATIONS	0.0121	0.0078	0.0180	0.0176	0.0174	0.0175	0.0174	25
TRANSP & STORAGE	0.0621	0.0322	0.0524	0.0526	0.0528	0.0528	0.0528	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0071	0.0048	0.0169	0.0169	0.0168	0.0168	0.0168	27
WHOLESALE TRADE	0.0320	0.0280	0.0429	0.0411	0.0419	0.0453	0.0428	28
RETAIL TRADE	0.0210	0.0118	0.0422	0.0218	0.0118	0.0118	0.0118	29
FIN,INS,REAL ESTATE	0.1039	0.0214	0.0377	0.0367	0.0365	0.0363	0.0363	30
COMMUNITY BUS,PERSONAL SERV.	0.0699	0.0188	0.0374	0.0374	0.0375	0.0375	0.0375	31
TRANSP. MARGINS	0.0134	0.0130	0.0275	0.0278	0.0278	0.0278	0.0279	32
CONSTRUCTION	0.0294	0.0072	0.0134	0.0134	0.0134	0.0133	0.0133	33
OPER.OFFICE,LAB & FOOD	0.1480	0.0259	0.0666	0.0665	0.0668	0.0665	0.0665	34
TRAVEL & ADVER'G PROMOTION	0.0198	0.0103	0.0422	0.0421	0.0421	0.0423	0.0422	35

Table 64

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	PRINTING & PUBLISHING	METALLIC ORES & CONCENTRATES	MINERALS FUELS	NON-METALLIC MINERALS	SERVICES INCIDENTAL TO MINING	PRIMARY METAL PRODUCTS	METAL FABRICATED PRODUCTS	
AGRICULTURE	0.0057	0.0045	0.0045	0.0047	0.0045	0.0057	0.0057	1
FORESTRY	0.0400	0.0068	0.0041	0.0052	0.0041	0.0401	0.0400	2
SLAUGHTERING & MEAT PROCESSORS	0.0028	0.0026	0.0025	0.0026	0.0025	0.0028	0.0028	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	4
DAIRY FACTORIES	0.0016	0.0017	0.0017	0.0017	0.0017	0.0016	0.0016	5
FISH PRODUCTS INDUSTRY	0.0004	0.0004	0.0004	0.0012	0.0004	0.0004	0.0004	6
FRUIT & VEG. PROCESSORS	0.0005	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	7
FEED MANUFACTURERS	0.0009	0.0006	0.0006	0.0006	0.0006	0.0009	0.0012	8
FLOUR & BREAKFAST CEREAL IND.	0.0004	0.0003	0.0003	0.0004	0.0003	0.0004	0.0004	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0008	0.0008	0.0008	0.0008	0.0006	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0002	0.0003	0.0003	0.0003	0.0003	0.0002	0.0002	13
VEGETABLE OIL MILLS	0.0010	0.0004	0.0003	0.0003	0.0003	0.0010	0.0010	14
MISC.FOOD IND.	0.0013	0.0008	0.0008	0.0026	0.0008	0.0013	0.0013	15
SOFT DRINKS MFGRS.	0.0003	0.0004	0.0004	0.0004	0.0004	0.0003	0.0003	16
DISTILLERS	0.0004	0.0001	0.0001	0.0001	0.0001	0.0004	0.0004	17
BREWERIES	0.0003	0.0001	0.0001	0.0001	0.0001	0.0003	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0003	0.0002	0.0005	0.0002	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0692	0.9715	1.0431	1.0118	1.0434	0.0694	0.0691	23
MANUFACTURING EXCEPT FOOD	1.4346	0.2343	0.1389	0.1775	0.1384	1.4357	1.4321	24
COMMUNICATIONS	0.0174	0.0103	0.0097	0.0100	0.0097	0.0174	0.0175	25
TRANSP & STORAGE	0.0527	0.0327	0.0311	0.0319	0.0311	0.0527	0.0528	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0168	0.0217	0.0221	0.0219	0.0221	0.0168	0.0168	27
WHOLESALE TRADE	0.0418	0.0245	0.0232	0.0238	0.0232	0.0439	0.0435	28
RETAIL TRADE	0.0118	0.0109	0.0108	0.0109	0.0108	0.0118	0.0118	29
FIN.INS.REAL ESTATE	0.0362	0.0859	0.0598	0.0881	0.0899	0.0362	0.0363	30
COMMUNITY BUS.PERSONAL SERV.	0.0375	0.0431	0.0436	0.0434	0.0436	0.0374	0.0375	31
TRANSP. MARGINS	0.0279	0.0132	0.0121	0.0126	0.0121	0.0279	0.0279	32
CONSTRUCTION	0.0133	0.0253	0.0263	0.0259	0.0263	0.0133	0.0133	33
OPER.OFFICE,LAB & FOOD	0.0665	0.0939	0.0960	0.0950	0.0960	0.0665	0.0665	34
TRAVEL & ADVER'G PROMOTION	0.0422	0.0177	0.0157	0.0167	0.0157	0.0421	0.0422	35

Table 65

IMPACT OF YEAR 1966

INDUSTRY	COMMODITY: NON-METALLIC MINERALS PRODUCTS	PET & COAL PRODUCTS.	CHEMICALS,CHEMICAL PRODUCTS	NITROGEN FUNCTION COMPOUNDS NES	AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	TRANSPORTATION & STORAGE	ELEC & COMMUNICATIONS PRODUCTS	
AGRICULTURE	0.0057	0.0056	0.0112	0.0183	0.0056	0.0042	0.0056	1
FORESTRY	0.0399	0.0394	0.0384	0.0375	0.0399	0.0079	0.0388	2
SLAUGHTERING & MEAT PROCESSORS	0.0028	0.0028	0.0089	0.0028	0.0028	0.0020	0.0027	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	4
DAIRY FACTORIES	0.0016	0.0016	0.0017	0.0016	0.0016	0.0014	0.0016	5
FISH PRODUCTS INDUSTRY	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	6
FRUIT & VEG. PROCESSORS	0.0005	0.0005	0.0006	0.0005	0.0005	0.0005	0.0005	7
FEED MANUFACTURERS	0.0009	0.0009	0.0015	0.0021	0.0009	0.0007	0.0009	8
FLOUR & BREAKFAST CEREAL IND.	0.0004	0.0004	0.0005	0.0005	0.0004	0.0003	0.0004	9
MISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0001	0.0005	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0002	0.0002	0.0004	0.0003	0.0002	0.0002	0.0002	13
VEGETABLE OIL MILLS	0.0010	0.0010	0.0095	0.0703	0.0010	0.0002	0.0010	14
MISC.FOOD IND.	0.0013	0.0013	0.0067	0.0013	0.0013	0.0006	0.0012	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0004	0.0004	0.0008	0.0004	0.0004	0.0001	0.0004	17
BREWERIES	0.0003	0.0003	0.0006	0.0003	0.0003	0.0002	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0007	0.0007	0.0007	0.0007	0.0002	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0725	0.0879	0.0938	0.0649	0.0690	0.0111	0.0671	23
MANUFACTURING EXCEPT FOOD	1.4285	1.4107	1.3764	1.3435	1.4312	0.1628	1.3909	24
COMMUNICATIONS	0.0174	0.0173	0.0171	0.0166	0.0174	0.0205	0.0506	25
TRANSP & STORAGE	0.0527	0.0523	0.0521	0.0518	0.0566	1.0980	0.0528	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0168	0.0172	0.0169	0.0164	0.0168	0.0077	0.0164	27
WHOLESALE TRADE	0.0430	0.0405	0.0405	0.0399	0.0409	0.0289	0.0402	28
RETAIL TRADE	0.0118	0.0117	0.0119	0.0114	0.0118	0.0190	0.0119	29
FIN,INS,REAL ESTATE	0.0365	0.0372	0.0375	0.0348	0.0362	0.0324	0.0359	30
COMMUNITY BUS,PERSONAL SERV.	0.0375	0.0376	0.0374	0.0357	0.0374	0.0366	0.0373	31
TRANSP. MARGINS	0.0278	0.0276	0.0275	0.0278	0.0278	0.0137	0.0273	32
CONSTRUCTION	0.0134	0.0136	0.0137	0.0130	0.0134	0.0304	0.0140	33
OPER.OFFICE,LAB & FOOD	0.0666	0.0671	0.0669	0.0643	0.0665	0.0682	0.0651	34
TRAVEL & ADVER'G PROMOTION	0.0421	0.0416	0.0416	0.0403	0.0420	0.0216	0.0412	35

Table 66

INDUSTRY	IMPACT OF YEAR 1966 COMMODITY: COMUNICATION SERVICES	OTHER UTILITIES	MISC. MANUF. PRODUCTS	NON-RESIDENTIAL CONSTRUCTION	REPAIR CONSTRUCTION	RUBBER,LEATHER,PLASTIC PRODUCTS	WHOLESALE MARGIN	
AGRICULTURE	0.0026	0.0014	0.0067	0.0056	0.0056	0.0070	0.0153	1
FORESTRY	0.0024	0.0022	0.0093	0.0154	0.0154	0.0099	0.0197	2
SLAUGHTERING & MEAT PROCESSORS	0.0012	0.0008	0.0030	0.0026	0.0026	0.0051	0.0060	3
POULTRY PROCESSORS	0.0002	0.0001	0.0015	0.0004	0.0004	0.0003	0.0010	4
DAIRY FACTORIES	0.0007	0.0005	0.0017	0.0018	0.0018	0.0016	0.0110	5
FISH PRODUCTS INDUSTRY	0.0002	0.0001	0.0004	0.0005	0.0005	0.0004	0.0016	6
FRUIT & VEG. PROCESSORS	0.0003	0.0002	0.0005	0.0006	0.0006	0.0005	0.0022	7
FEED MANUFACTURERS	0.0003	0.0002	0.0010	0.0009	0.0009	0.0010	0.0060	8
FLOUR & BREAKFAST CEREAL IND.	0.0001	0.0001	0.0004	0.0004	0.0004	0.0004	0.0025	9
BISC. MFGRS.	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0003	0.0002	0.0006	0.0007	0.0007	0.0006	0.0031	11
CONFECTIONERY MFGRS.	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0006	12
SUGAR REFINERIES	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0008	13
VEGETABLE OIL MILLS	0.0001	0.0001	0.0010	0.0005	0.0005	0.0010	0.0007	14
MISC.FOOD IND.	0.0003	0.0002	0.0013	0.0009	0.0009	0.0013	0.0042	15
SOFT DRINKS MFGRS.	0.0001	0.0001	0.0003	0.0003	0.0003	0.0003	0.0015	16
DISTILLERS	0.0001	0.0001	0.0004	0.0003	0.0003	0.0004	0.0005	17
BREWERIES	0.0001	0.0001	0.0007	0.0002	0.0002	0.0003	0.0013	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	21
FISH'G,HUNT'G & TRAPP'G	0.0001	0.0001	0.0007	0.0004	0.0004	0.0007	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0046	0.0209	0.0679	0.0376	0.0376	0.0689	0.0165	23
MANUFACTURING EXCEPT FOOD	0.0758	0.0692	1.4085	0.4845	0.4845	1.4297	0.3076	24
COMMUNICATIONS	1.0309	0.0063	0.0178	0.0127	0.0127	0.0175	0.0321	25
TRANSP & STORAGE	0.0556	0.0201	0.0532	0.0486	0.0486	0.0528	0.0735	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0036	0.9947	0.0167	0.0076	0.0076	0.0168	0.0101	27
WHOLESALE TRADE	0.0092	0.0090	0.0602	0.0567	0.0567	0.0436	0.8588	28
RETAIL TRADE	0.0165	0.0042	0.0118	0.0217	0.0217	0.0119	0.0135	29
FIN,INS,REAL ESTATE	0.0269	0.0263	0.0367	0.0306	0.0306	0.0363	0.0547	30
COMMUNITY BUS,PERSONAL SERV.	0.0313	0.0178	0.0377	0.0526	0.0526	0.0375	0.0488	31
TRANSP. MARGINS	0.0088	0.0075	0.0277	0.0269	0.0269	0.0279	0.0198	32
CONSTRUCTION	0.0325	0.0433	0.0133	1.0085	1.0085	0.0134	0.0117	33
OPER.OFFICE,LAB & FOOD	0.0250	0.0187	0.0664	0.0533	0.0533	0.0665	0.0528	34
TRAVEL & ADVER'G PROMOTION	0.0148	0.0085	0.0427	0.0237	0.0237	0.0422	0.0697	35

Table 67

INDUSTRY	IMPACT OF YEAR 1966 COMMODITY: RETAIL MARGIN	OTHER FINANCE, INS & REAL ESTATE	BUSINESS SERVICES	PERSONAL & OTHER MISC. SERVICES	TRANSPORTATION MARGIN	OPERATING OFFICE & LAB & FOOD	TRAVEL, ADVERTISEMENT & PROMOTION	
AGRICULTURE	0.0556	0.0034	0.0313	0.0345	0.0101	0.0311	0.0131	1
FORESTRY	0.0037	0.0027	0.0068	0.0083	0.0101	0.0178	0.0133	2
SLAUGHTERING & MEAT PROCESSORS	0.0027	0.0017	0.0245	0.0215	0.0053	0.0169	0.0075	3
POULTRY PROCESSORS	0.0004	0.0002	0.0041	0.0036	0.0007	0.0022	0.0012	4
DAIRY FACTORIES	0.0015	0.0010	0.0102	0.0094	0.0040	0.0134	0.0036	5
FISH PRODUCTS INDUSTRY	0.0005	0.0003	0.0054	0.0047	0.0007	0.0017	0.0016	6
FRUIT & VEG. PROCESSORS	0.0006	0.0004	0.0045	0.0041	0.0014	0.0047	0.0015	7
FEED MANUFACTURERS	0.0052	0.0004	0.0031	0.0036	0.0013	0.0035	0.0015	8
FLOUR & BREAKFAST CEREAL IND.	0.0008	0.0002	0.0021	0.0020	0.0008	0.0025	0.0008	9
BISC. MFGRS.	0.0001	0.0001	0.0008	0.0007	0.0003	0.0009	0.0002	10
BAKERIES	0.0007	0.0006	0.0061	0.0053	0.0017	0.0057	0.0019	11
CONFECTIONERY MFGRS.	0.0001	0.0000	0.0003	0.0003	0.0001	0.0004	0.0001	12
SUGAR REFINERIES	0.0003	0.0001	0.0015	0.0013	0.0006	0.0021	0.0005	13
VEGETABLE OIL MILLS	0.0005	0.0001	0.0006	0.0006	0.0004	0.0012	0.0005	14
MISC. FOOD IND.	0.0008	0.0005	0.0042	0.0038	0.0017	0.0054	0.0023	15
SOFT DRINKS MFGRS.	0.0003	0.0002	0.0019	0.0018	0.0009	0.0031	0.0007	16
DISTILLERS	0.0003	0.0002	0.0002	0.0003	0.0002	0.0003	0.0001	17
BREWERIES	0.0003	0.0002	0.0003	0.0003	0.0002	0.0004	0.0006	18
WINERIES	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0003	0.0002	0.0028	0.0026	0.0004	0.0012	0.0010	22
MINES, QUARRIES & OIL WELLS	0.0085	0.0125	0.0129	0.0121	0.0158	0.0321	0.0226	23
MANUFACTURING EXCEPT FOOD	0.1192	0.0844	0.2328	0.1627	0.2608	0.6064	0.4300	24
COMMUNICATIONS	0.0337	0.0191	0.0468	0.0260	0.0199	0.0168	0.1011	25
TRANSP & STORAGE	0.0416	0.0254	0.0366	0.0432	0.8816	0.0574	0.1877	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0234	0.0058	0.0094	0.0140	0.0085	0.0110	0.0096	27
WHOLESALE TRADE	0.0185	0.0141	0.0241	0.0721	0.0471	0.1112	0.0463	28
RETAIL TRADE	0.9967	0.0104	0.0183	0.1435	0.0307	0.0721	0.0544	29
FIN. INS. REAL ESTATE	0.0832	1.0230	0.0527	0.0646	0.0330	0.0339	0.0351	30
COMMUNITY BUS. PERSONAL SERV.	0.0455	0.0412	0.9336	0.8081	0.0577	0.1318	0.2527	31
TRANSP. MARGINS	0.0160	0.0129	0.0179	0.0173	0.8010	0.0352	0.0194	32
CONSTRUCTION	0.0164	0.0806	0.0119	0.0200	0.0336	0.0112	0.0170	33
OPER. OFFICE, LAB & FOOD	0.0687	0.0333	0.0581	0.0600	0.2828	1.0517	0.0491	34
TRAVEL & ADVER'G PROMOTION	0.0425	0.0241	0.0340	0.0368	0.0240	0.0320	1.0276	35

Table 68

IMPACT OF YEAR 1966 COMMODITY

INDUSTRY	IMPUTED RENT .OWNER OCCUPIED DWELL'GS	MACHINERY & EQUIPMENT	RESIDENTIAL CONSTRUCTION	NURSERY STOCK & RELATED MAT.	ANIMAL MAT.FOR DRUGS&PERFUME	CUSTOM WORK MEAT&FOOD
AGRICULTURE	0.0022	0.0058	0.0056	1.0696	0.6373	0.3824
FORESTRY	0.0022	0.0398	0.0154	0.0090	0.0078	0.0080
SLAUGHTERING & MEAT PROCESSORS	0.0012	0.0028	0.0026	0.0063	1.1179	0.3116
POULTRY PROCESSORS	0.0002	0.0003	0.0004	0.0003	0.0009	0.0419
DAIRY FACTORIES	0.0007	0.0017	0.0018	0.0029	0.0051	0.0997
FISH PRODUCTS INDUSTRY	0.0002	0.0004	0.0005	0.0010	0.0018	0.1376
FRUIT & VEG. PROCESSORS	0.0003	0.0010	0.0006	0.0007	0.0010	0.0444
FEED MANUFACTURERS	0.0003	0.0009	0.0009	0.0928	0.0569	0.3121
FLOUR & BREAKFAST CEREAL IND.	0.0002	0.0004	0.0004	0.0095	0.0071	0.0359
BISC. MFGRS.	0.0000	0.0001	0.0001	0.0001	0.0001	0.0002
BAKERIES	0.0004	0.0007	0.0007	0.0006	0.0007	0.0562
CONFECTIONERY MFGRS.	0.0000	0.0002	0.0001	0.0001	0.0003	0.0120
SUGAR REFINERIES	0.0001	0.0003	0.0002	0.0014	0.0018	0.0101
VEGETABLE OIL MILLS	0.0001	0.0010	0.0005	0.0069	0.0108	0.0186
MISC.FOOD IND.	0.0003	0.0013	0.0009	0.0038	0.0337	0.0344
SOFT DRINKS MFGRS.	0.0002	0.0003	0.0003	0.0003	0.0004	0.0240
DISTILLERS	0.0001	0.0005	0.0003	0.0005	0.0005	0.0352
BREWERIES	0.0002	0.0004	0.0002	0.0003	0.0004	0.0009
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0028
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0001	0.0417
TOBACCO PROD.MFGRS.	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
FISH'G,HUNT'G & TRAPP'G	0.0001	0.0007	0.0004	0.0006	0.0008	0.0490
MINES,QUARRIES&OIL WELLS	0.0054	0.0786	0.0376	0.0136	0.0132	0.0149
MANUFACTURING EXCEPT FOOD	0.0700	1.4219	0.4845	0.1961	0.1958	0.2282
COMMUNICATIONS	0.0190	0.0173	0.0127	0.0096	0.0147	0.0155
TRANSP & STORAGE	0.0208	0.0525	0.0486	0.0392	0.0493	0.0781
ELEC.POWER,GAS,OTHER UTILITIES	0.0053	0.0169	0.0076	0.0129	0.0135	0.0135
WHOLESALE TRADE	0.0096	0.0407	0.0567	0.0416	0.0475	0.0533
RETAIL TRADE	0.0062	0.0118	0.0217	0.0155	0.0508	0.0256
FIN.INS,REAL ESTATE	1.0651	0.0357	0.0306	0.0536	0.0426	0.0383
COMMUNITY BUS,PERSONAL SERV.	0.0300	0.0375	0.0526	0.0205	0.0275	0.0337
TRANSP. MARGINS	0.0127	0.0277	0.0269	0.0227	0.0288	0.0410
CONSTRUCTION	0.0782	0.0135	1.0085	0.0286	0.0219	0.0182
OPER.OFFICE,LAB & FOOD	0.0318	0.0668	0.0533	0.0747	0.0745	0.0716
TRAVEL & ADVER'G PROMOTION	0.0237	0.0419	0.0237	0.0133	0.0288	0.0429

Table 69

INDUSTRY	IMPACT OF YEAR 1971 COMMODITY: CATTLE AND CALVES	SHEEP AND LAMBS	HOGS	POULTRY	POULTRY, FRESH, FROZEN, CHILLED	POULTRY CANNED	OTHER LIVE ANIMALS	
AGRICULTURE	1.0750	1.0750	1.0750	1.0749	0.7260	0.7979	1.0750	1
FORESTRY	0.0087	0.0087	0.0087	0.0087	0.0093	0.0090	0.0087	2
SLAUGHTERING & MEAT PROCESSORS	0.0069	0.0069	0.0069	0.0069	0.0708	0.0147	0.0069	3
POULTRY PROCESSORS	0.0003	0.0003	0.0003	0.0005	0.8413	1.0351	0.0003	4
DAIRY FACTORIES	0.0042	0.0042	0.0042	0.0042	0.0045	0.0047	0.0042	5
FISH PRODUCTS INDUSTRY	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	0.0012	6
FRUIT & VEG. PROCESSORS	0.0009	0.0009	0.0009	0.0009	0.0053	0.0013	0.0009	7
FEED MANUFACTURERS	0.1089	0.1089	0.1089	0.1089	0.0739	0.0811	0.1089	8
FLOUR & BREAKFAST CEREAL IND.	0.0075	0.0075	0.0075	0.0075	0.0053	0.0057	0.0075	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0006	0.0006	0.0006	0.0007	0.0008	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	12
SUGAR REFINERIES	0.0010	0.0010	0.0010	0.0010	0.0009	0.0008	0.0010	13
VEGETABLE OIL MILLS	0.0097	0.0097	0.0097	0.0097	0.0072	0.0074	0.0097	14
MISC. FOOD IND.	0.0047	0.0047	0.0047	0.0047	0.0039	0.0041	0.0047	15
SOFT DRINKS MFGRS.	0.0005	0.0005	0.0005	0.0005	0.0006	0.0007	0.0005	16
DISTILLERS	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0006	17
BREWERIES	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	22
MINES, QUARRIES&OIL WELLS	0.0150	0.0150	0.0150	0.0150	0.0153	0.0153	0.0150	23
MANUFACTURING EXCEPT FOOD	0.1871	0.1871	0.1871	0.1871	0.2149	0.2307	0.1871	24
COMMUNICATIONS	0.0118	0.0118	0.0118	0.0118	0.0197	0.0178	0.0118	25
TRANSP & STORAGE	0.0425	0.0425	0.0425	0.0425	0.0578	0.0611	0.0425	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0137	0.0137	0.0137	0.0137	0.0172	0.0172	0.0137	27
WHOLESALE TRADE	0.0450	0.0450	0.0450	0.0450	0.0573	0.0629	0.0450	28
RETAIL TRADE	0.0174	0.0174	0.0174	0.0174	0.1228	0.0226	0.0174	29
FIN, INS, REAL ESTATE	0.0404	0.0404	0.0404	0.0404	0.0437	0.0406	0.0404	30
COMMUNITY BUS, PERSONAL SERV.	0.0244	0.0244	0.0244	0.0244	0.0334	0.0332	0.0244	31
TRANSP. MARGINS	0.0287	0.0287	0.0287	0.0287	0.0362	0.0391	0.0287	32
CONSTRUCTION	0.0240	0.0240	0.0240	0.0240	0.0216	0.0225	0.0240	33
OPER. OFFICE, LAB & FOOD	0.0823	0.0823	0.0823	0.0823	0.0888	0.0929	0.0823	34
TRAVEL & ADVER'G PROMOTION	0.0112	0.0112	0.0112	0.0112	0.0233	0.0218	0.0112	35

Table 70

IMPACT OF YEAR 1971 COMMODITY

INDUSTRY	BEEF,VEAL,MUTTON,PORK-FRESH & FROZEN	HORSE MEAT FRESH,CHILLED ,FROZEN	MEAT CURED	MEAT,PREPARED,COOKED NOT CANNED	MEAT PREPARED CANNED	ANIMAL OILS AND FATS AND LARD	MARGARINE,SHORTENING & LIKE PROD	
AGRICULTURE	0.6910	0.3680	0.7832	0.7830	0.6680	0.7766	0.3264	1
FORESTRY	0.0076	0.0052	0.0084	0.0084	0.0085	0.0084	0.0113	2
SLAUGHTERING & MEAT PROCESSORS	0.9569	0.5103	1.1405	1.1401	0.9255	1.1241	0.3419	3
POULTRY PROCESSORS	0.0005	0.0004	0.0005	0.0005	0.0139	0.0036	0.0017	4
DAIRY FACTORIES	0.0054	0.0034	0.0061	0.0061	0.0077	0.0052	0.0826	5
FISH PRODUCTS INDUSTRY	0.0016	0.0009	0.0018	0.0018	0.0017	0.0018	0.0014	6
FRUIT & VEG. PROCESSORS	0.0011	0.0008	0.0013	0.0013	0.1725	0.0013	0.0041	7
FEED MANUFACTURERS	0.0715	0.0392	0.0812	0.0812	0.0698	0.0904	0.0345	8
FLOUR & BREAKFAST CEREAL IND.	0.0055	0.0030	0.0062	0.0062	0.0058	0.0063	0.0132	9
MISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	10
BAKERIES	0.0008	0.0006	0.0008	0.0008	0.0008	0.0008	0.0007	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0002	0.0002	0.0004	0.0002	0.0008	12
SUGAR REFINERIES	0.0010	0.0006	0.0012	0.0012	0.0054	0.0012	0.0105	13
VEGETABLE OIL MILLS	0.0137	0.0073	0.0159	0.0159	0.0135	0.0163	0.0127	14
MISC.FOOD IND.	0.0062	0.0035	0.0076	0.0079	0.0249	0.0074	0.5384	15
SOFT DRINKS MFGRS.	0.0008	0.0005	0.0008	0.0008	0.0009	0.0008	0.0006	16
DISTILLERS	0.0006	0.0005	0.0007	0.0007	0.0007	0.0007	0.0009	17
BREWERIES	0.0004	0.0003	0.0004	0.0004	0.0004	0.0004	0.0005	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0002	0.0001	0.0002	0.0002	0.0002	0.0002	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0004	0.0007	0.0007	0.0007	0.0007	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0147	0.0110	0.0159	0.0159	0.0166	0.0161	0.0236	23
MANUFACTURING EXCEPT FOOD	0.1954	0.1462	0.2121	0.2121	0.2336	0.2159	0.3949	24
COMMUNICATIONS	0.0213	0.0294	0.0190	0.0190	0.0197	0.0190	0.0220	25
TRANSP & STORAGE	0.0542	0.0453	0.0576	0.0576	0.0587	0.0581	0.0635	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0160	0.0173	0.0156	0.0156	0.0153	0.0156	0.0139	27
WHOLESALE TRADE	0.0528	0.0346	0.0591	0.0591	0.0573	0.0591	0.0474	28
RETAIL TRADE	0.1663	0.5753	0.0364	0.0363	0.0328	0.0361	0.0194	29
FIN.INS.REAL ESTATE	0.0436	0.0578	0.0390	0.0390	0.0383	0.0389	0.0340	30
COMMUNITY BUS.PERSONAL SERV.	0.0354	0.0356	0.0358	0.0358	0.0382	0.0358	0.0442	31
TRANSP. MARGINS	0.0352	0.0249	0.0388	0.0388	0.0386	0.0392	0.0387	32
CONSTRUCTION	0.0214	0.0178	0.0225	0.0225	0.0208	0.0224	0.0149	33
OPER.OFFICE,LAB & FOOD	0.0864	0.0727	0.0911	0.0911	0.0872	0.0909	0.0678	34
TRAVEL & ADVER'G PROMOTION	0.0247	0.0310	0.0231	0.0232	0.0304	0.0232	0.0552	35

Table 71

IMPACT OF YEAR 1971

INDUSTRY	COMMODITY: SAUSAGE CASINGS, NATURAL AND SYNTH.	PRIMARY AGE	TANK MILK, WHOLE, FLUID, PROCESSED	MILK, WHOLE, FLUID, UNPROCESSED	FRESH CREAM	BUTTER	CHEESE, CHEDAR & PROCESSED	
AGRICULTURE	0.4726	0.6943	0.6265	1.0750	0.6265	0.6291	0.6281	1
FORESTRY	0.0192	0.0096	0.0089	0.0087	0.0089	0.0089	0.0089	2
SLAUGHTERING & MEAT PROCESSORS	0.6856	0.9726	0.0071	0.0069	0.0071	0.0071	0.0250	3
POULTRY PROCESSORS	0.0004	0.0005	0.0005	0.0003	0.0009	0.0009	0.0005	4
DAIRY FACTORIES	0.0043	0.0071	1.1250	0.0042	1.1246	1.1168	1.1055	5
FISH PRODUCTS INDUSTRY	0.0012	0.0024	0.0011	0.0012	0.0011	0.0011	0.0011	6
FRUIT & VEG. PROCESSORS	0.0010	0.0015	0.0040	0.0009	0.0040	0.0040	0.0040	7
FEED MANUFACTURERS	0.0491	0.1817	0.0638	0.1089	0.0638	0.0640	0.0640	8
FLOUR & BREAKFAST CEREAL IND.	0.0038	0.0070	0.0048	0.0075	0.0048	0.0049	0.0049	9
BISC. MFGRS.	0.0001	0.0001	0.0005	0.0001	0.0005	0.0005	0.0005	10
BAKERIES	0.0007	0.0008	0.0009	0.0006	0.0009	0.0009	0.0009	11
CONFECTIONERY MFGRS.	0.0002	0.0003	0.0026	0.0002	0.0026	0.0025	0.0025	12
SUGAR REFINERIES	0.0008	0.0017	0.0073	0.0010	0.0073	0.0072	0.0072	13
VEGETABLE OIL MILLS	0.0099	0.0199	0.0060	0.0097	0.0060	0.0060	0.0062	14
MISC. FOOD IND.	0.0049	0.0099	0.0112	0.0047	0.0112	0.0118	0.0129	15
SOFT DRINKS MFGRS.	0.0006	0.0008	0.0010	0.0005	0.0010	0.0009	0.0009	16
DISTILLERS	0.0006	0.0011	0.0006	0.0006	0.0006	0.0006	0.0006	17
BREWERIES	0.0004	0.0006	0.0004	0.0003	0.0004	0.0004	0.0004	18
WINERIES	0.0000	0.0000	0.0001	0.0000	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0006	0.0009	0.0005	0.0005	0.0005	0.0005	0.0005	22
MINES, QUARRIES & OIL WELLS	0.0372	0.0193	0.0174	0.0150	0.0174	0.0174	0.0174	23
MANUFACTURING EXCEPT FOOD	0.6835	0.2719	0.2517	0.1871	0.2517	0.2513	0.2511	24
COMMUNICATIONS	0.0196	0.0192	0.0189	0.0118	0.0189	0.0188	0.0189	25
TRANSP & STORAGE	0.0551	0.0637	0.0627	0.0425	0.0627	0.0626	0.0627	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0168	0.0156	0.0165	0.0137	0.0165	0.0165	0.0165	27
WHOLESALE TRADE	0.0509	0.0588	0.0484	0.0450	0.0484	0.0484	0.0485	28
RETAIL TRADE	0.0260	0.0330	0.0175	0.0174	0.0175	0.0175	0.0178	29
FIN. INS. REAL ESTATE	0.0370	0.0379	0.0405	0.0404	0.0405	0.0405	0.0405	30
COMMUNITY BUS, PERSONAL SERV.	0.0394	0.0362	0.0438	0.0244	0.0438	0.0436	0.0436	31
TRANSP. MARGINS	0.0348	0.0425	0.0432	0.0287	0.0432	0.0431	0.0431	32
CONSTRUCTION	0.0186	0.0213	0.0199	0.0240	0.0199	0.0200	0.0200	33
OPER. OFFICE, LAB & FOOD	0.0820	0.0884	0.0958	0.0823	0.0958	0.0957	0.0957	34
TRAVEL & ADVER'G PROMOTION	0.0271	0.0244	0.0361	0.0112	0.0361	0.0359	0.0359	35

Table 72

IMPACT OF COMMODITY YEAR 1971

INDUSTRY	MILK EVAPORATED	ICE CREAM	OTHER DAIRY PROD	RICE UNMILLED	WHEAT UNMILLED	BARLEY,OATS, RYE,CORN,GRAIN NES.	WHEAT FLOUR	
AGRICULTURE	0.6266	0.5780	0.6226	0.0	1.0749	1.0729	0.3862	1
FORESTRY	0.0089	0.0087	0.0089	0.0	0.0087	0.0087	0.0071	2
SLAUGHTERING & MEAT PROCESSORS	0.0071	0.0070	0.0072	0.0	0.0069	0.0069	0.0092	3
POULTRY PROCESSORS	0.0005	0.0006	0.0006	0.0	0.0003	0.0003	0.0005	4
DAIRY FACTORIES	1.1251	1.0294	1.1164	0.0	0.0042	0.0042	0.0049	5
FISH PRODUCTS INDUSTRY	0.0011	0.0010	0.0011	0.0	0.0012	0.0012	0.0014	6
FRUIT & VEG. PROCESSORS	0.0040	0.0041	0.0046	0.0	0.0009	0.0009	0.0012	7
FEED MANUFACTURERS	0.0638	0.0589	0.0634	0.0	0.1090	0.1088	0.0775	8
FLOUR & BREAKFAST CEREAL IND.	0.0048	0.0051	0.0050	0.0	0.0075	0.0078	0.9744	9
BISC. MFGRS.	0.0005	0.0005	0.0005	0.0	0.0001	0.0001	0.0001	10
BAKERIES	0.0009	0.0009	0.0009	0.0	0.0006	0.0006	0.0008	11
CONFECTIONERY MFGRS.	0.0026	0.0687	0.0026	0.0	0.0002	0.0002	0.0002	12
SUGAR REFINERIES	0.0073	0.0108	0.0074	0.0	0.0010	0.0010	0.0042	13
VEGETABLE OIL MILLS	0.0060	0.0059	0.0061	0.0	0.0098	0.0098	0.0074	14
MISC.FOOD IND.	0.0112	0.0365	0.0188	0.0	0.0047	0.0067	0.0110	15
SOFT DRINKS MFGRS.	0.0010	0.0009	0.0009	0.0	0.0005	0.0005	0.0007	16
DISTILLERS	0.0006	0.0006	0.0006	0.0	0.0006	0.0006	0.0010	17
BREWERIES	0.0004	0.0005	0.0004	0.0	0.0003	0.0003	0.0008	18
WINERIES	0.0001	0.0001	0.0001	0.0	0.0000	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0005	0.0005	0.0	0.0005	0.0005	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0174	0.0172	0.0174	0.0	0.0150	0.0150	0.0150	23
MANUFACTURING EXCEPT FOOD	0.2517	0.2510	0.2518	0.0	0.1871	0.1872	0.2158	24
COMMUNICATIONS	0.0189	0.0194	0.0189	0.0	0.0118	0.0118	0.0265	25
TRANSP & STORAGE	0.0627	0.0623	0.0628	0.0	0.0425	0.0426	0.1511	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0165	0.0160	0.0165	0.0	0.0137	0.0137	0.0151	27
WHOLESALE TRADE	0.0483	0.0474	0.0483	0.0	0.0450	0.0450	0.0610	28
RETAIL TRADE	0.0175	0.0171	0.0175	0.0	0.0174	0.0174	0.0166	29
FIN,INS,REAL ESTATE	0.0405	0.0400	0.0404	0.0	0.0404	0.0404	0.0400	30
COMMUNITY BUS,PERSONAL SERV.	0.0438	0.0445	0.0438	0.0	0.0244	0.0245	0.0497	31
TRANSP. MARGINS	0.0432	0.0421	0.0431	0.0	0.0287	0.0288	0.0886	32
CONSTRUCTION	0.0199	0.0190	0.0199	0.0	0.0240	0.0240	0.0188	33
OPER.OFFICE,LAB & FOOD	0.0958	0.0921	0.0955	0.0	0.0823	0.0822	0.0834	34
TRAVEL & ADVER'G PROMOTION	0.0361	0.0400	0.0364	0.0	0.0112	0.0114	0.0731	35

Table 73

INDUSTRY	IMPACT OF YEAR 1971 COMMODITY: FRUITS,FRESH ,EX.TROPICAL	VEGETABLES,F RESH	VEG.FRESH,FR OZEN,DRIED & PRESERVED	VEGETABLES & PREPARATION S CANNED	FRUITS,BERRI ES,DRIED,CRY STALIZED	FRUITS & PRE PARATIONS CA NNED	EGGS IN THE SHELL	
AGRICULTURE	1.0706	1.0682	0.1502	0.1494	0.1687	0.1821	1.0675	1
FORESTRY	0.0087	0.0087	0.0092	0.0092	0.0089	0.0089	0.0087	2
SLAUGHTERING & MEAT PROCESSORS	0.0069	0.0069	0.0223	0.0246	0.0197	0.0192	0.0069	3
POULTRY PROCESSORS	0.0006	0.0004	0.0127	0.0127	0.0109	0.0104	0.0006	4
DAIRY FACTORIES	0.0042	0.0043	0.0151	0.0150	0.0765	0.1061	0.0043	5
FISH PRODUCTS INDUSTRY	0.0054	0.0012	0.0015	0.0015	0.0112	0.0014	0.0012	6
FRUIT & VEG. PROCESSORS	0.0009	0.0037	1.0013	1.0039	0.8428	0.7933	0.0009	7
FEED MANUFACTURERS	0.1084	0.1082	0.0283	0.0165	0.0184	0.0197	0.1081	8
FLOUR & BREAKFAST CEREAL IND.	0.0075	0.0076	0.0035	0.0030	0.0047	0.0057	0.0076	9
BISC. MFGRS.	0.0001	0.0001	0.0002	0.0002	0.0002	0.0011	0.0001	10
BAKERIES	0.0006	0.0006	0.0008	0.0015	0.0008	0.0008	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0013	0.0013	0.0027	0.0014	0.0002	12
SUGAR REFINERIES	0.0010	0.0011	0.0248	0.0249	0.0231	0.0228	0.0011	13
VEGETABLE OIL MILLS	0.0097	0.0097	0.0031	0.0025	0.0037	0.0044	0.0098	14
MISC.FOOD IND.	0.0047	0.0094	0.0389	0.0403	0.1292	0.1740	0.0129	15
SOFT DRINKS MFGRS.	0.0005	0.0005	0.0013	0.0013	0.0012	0.0012	0.0005	16
DISTILLERS	0.0006	0.0006	0.0009	0.0008	0.0008	0.0008	0.0006	17
BREWERIES	0.0003	0.0003	0.0006	0.0006	0.0006	0.0006	0.0003	18
WINERIES	0.0000	0.0000	0.0002	0.0002	0.0039	0.0002	0.0000	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0019	0.0005	0.0006	0.0007	0.0040	0.0006	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0149	0.0150	0.0201	0.0200	0.0194	0.0194	0.0150	23
MANUFACTURING EXCEPT FOOD	0.1871	0.1878	0.3335	0.3336	0.3197	0.3175	0.1876	24
COMMUNICATIONS	0.0118	0.0119	0.0227	0.0228	0.0228	0.0227	0.0119	25
TRANSP & STORAGE	0.0425	0.0426	0.0635	0.0628	0.0634	0.0638	0.0427	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0137	0.0137	0.0141	0.0140	0.0139	0.0139	0.0137	27
WHOLESALE TRADE	0.0451	0.0450	0.0495	0.0530	0.0558	0.0483	0.0450	28
RETAIL TRADE	0.0174	0.0174	0.0176	0.0177	0.0170	0.0169	0.0174	29
FIN.INS.REAL ESTATE	0.0404	0.0403	0.0354	0.0356	0.0354	0.0352	0.0403	30
COMMUNITY BUS.PERSONAL SERV.	0.0245	0.0246	0.0492	0.0493	0.0488	0.0498	0.0246	31
TRANSP. MARGINS	0.0287	0.0288	0.0379	0.0374	0.0378	0.0383	0.0288	32
CONSTRUCTION	0.0240	0.0240	0.0130	0.0129	0.0130	0.0132	0.0239	33
OPER.OFFICE,LAB & FOOD	0.0822	0.0821	0.0707	0.0706	0.0698	0.0700	0.0820	34
TRAVEL & ADVER'G PROMOTION	0.0113	0.0117	0.0620	0.0622	0.0623	0.0629	0.0118	35

Table 74

INDUSTRY	IMPACT OF YEAR 1971 COMMODITY: NUTS,EDIBLE, NOT SHELLED	SEEDS EX.OIL AND SEED GRADES	OIL SEEDS,NUTS AND KERNELS	NUTS,KERNELS AND SEEDS PREPARED	MEAL & FLOUR OF OTHER CEREALS & VEG.	BREAKFAST CEREAL PRODUCTS	BISCUITS	
AGRICULTURE	1.0546	1.0750	1.0735	0.0678	0.2025	0.3391	0.0751	1
FORESTRY	0.0087	0.0087	0.0087	0.0066	0.0070	0.0071	0.0077	2
SLAUGHTERING & MEAT PROCESSORS	0.0069	0.0069	0.0069	0.0052	0.0102	0.0084	0.0351	3
POULTRY PROCESSORS	0.0004	0.0003	0.0003	0.0011	0.0021	0.0009	0.0008	4
DAIRY FACTORIES	0.0044	0.0042	0.0042	0.0277	0.0089	0.0056	0.0147	5
FISH PRODUCTS INDUSTRY	0.0012	0.0012	0.0012	0.0008	0.0015	0.0013	0.0011	6
FRUIT & VEG. PROCESSORS	0.0010	0.0009	0.0009	0.0046	0.0106	0.0021	0.0061	7
FEED MANUFACTURERS	0.1068	0.1089	0.1088	0.0077	0.0323	0.0391	0.0115	8
FLOUR & BREAKFAST CEREAL IND.	0.0078	0.0075	0.0075	0.0079	0.3485	0.8313	0.0717	9
MISC. MFGRS.	0.0001	0.0001	0.0001	0.0006	0.0002	0.0001	0.0126	10
BAKERIES	0.0006	0.0006	0.0006	0.0007	0.0007	0.0008	0.0607	11
CONFECTIONERY MFGRS.	0.0002	0.0002	0.0002	0.7831	0.0008	0.0004	0.0102	12
SUGAR REFINERIES	0.0013	0.0010	0.0010	0.0486	0.0140	0.0068	0.0497	13
VEGETABLE OIL MILLS	0.0099	0.0097	0.0098	0.0050	0.0144	0.0072	0.0025	14
MISC.FOOD IND.	0.0269	0.0047	0.0063	0.2801	0.6940	0.1948	0.0697	15
SOFT DRINKS MFGRS.	0.0005	0.0005	0.0005	0.0004	0.0006	0.0007	0.0052	16
DISTILLERS	0.0006	0.0006	0.0006	0.0008	0.0011	0.0009	0.0007	17
BREWERIES	0.0003	0.0003	0.0003	0.0007	0.0007	0.0007	0.0006	18
WINERIES	0.0000	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0001	0.0000	0.0001	0.0001	0.0003	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0005	0.0005	0.0004	0.0006	0.0006	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0150	0.0150	0.0150	0.0148	0.0162	0.0151	0.0176	23
MANUFACTURING EXCEPT FOOD	0.1885	0.1871	0.1872	0.2435	0.2424	0.2234	0.2888	24
COMMUNICATIONS	0.0121	0.0118	0.0118	0.0248	0.0252	0.0263	0.0221	25
TRANSP & STORAGE	0.0430	0.0425	0.0425	0.0576	0.1013	0.1462	0.0532	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0137	0.0137	0.0137	0.0113	0.0127	0.0144	0.0127	27
WHOLESALE TRADE	0.0450	0.0450	0.0450	0.0376	0.0491	0.0577	0.0473	28
RETAIL TRADE	0.0173	0.0174	0.0174	0.0121	0.0137	0.0158	0.0130	29
FIN,INS,REAL ESTATE	0.0402	0.0404	0.0404	0.0347	0.0336	0.0385	0.0371	30
COMMUNITY BUS.PERSONAL SERV.	0.0250	0.0244	0.0245	0.0530	0.0493	0.0500	0.0440	31
TRANSP. MARGINS	0.0290	0.0287	0.0288	0.0306	0.0569	0.0803	0.0376	32
CONSTRUCTION	0.0238	0.0240	0.0240	0.0094	0.0133	0.0174	0.0111	33
OPER.OFFICE,LAB & FOOD	0.0816	0.0823	0.0822	0.0535	0.0618	0.0778	0.0584	34
TRAVEL & ADVER'G PROMOTION	0.0127	0.0112	0.0113	0.0807	0.0790	0.0758	0.0648	35

Table 75

IMPACT OF YEAR 1971

INDUSTRY	COMMODITY: BREADS & ROLLS	OTHER BAKING PRODUCTS	COCOA AND CHOCOLATE	CHOCOLATE CONFECTIONERY	OTHER CONFECTIONERY	SUGAR	MOLASSES, SUGAR REFINERY PRODUCTS	
AGRICULTURE	0.0976	0.0968	0.0593	0.0561	0.0885	0.0577	0.0854	1
FORESTRY	0.0057	0.0058	0.0065	0.0064	0.0066	0.0025	0.0049	2
SLAUGHTERING & MEAT PROCESSORS	0.0207	0.0201	0.0042	0.0038	0.0050	0.0012	0.0069	3
POULTRY PROCESSORS	0.0028	0.0028	0.0007	0.0005	0.0007	0.0002	0.0026	4
DAIRY FACTORIES	0.0253	0.0243	0.0314	0.0329	0.0878	0.0010	0.0063	5
FISH PRODUCTS INDUSTRY	0.0012	0.0012	0.0006	0.0005	0.0006	0.0002	0.0009	6
FRUIT & VEG. PROCESSORS	0.0165	0.0234	0.0039	0.0038	0.0046	0.0007	0.1140	7
FEED MANUFACTURERS	0.0162	0.0158	0.0066	0.0063	0.0097	0.0060	0.0095	8
FLOUR & BREAKFAST CEREAL IND.	0.1437	0.1350	0.0051	0.0044	0.0065	0.0006	0.0087	9
BISC. MFGRS.	0.0005	0.0068	0.0060	0.0081	0.0302	0.0001	0.0001	10
BAKERIES	0.9978	0.9277	0.0007	0.0036	0.0011	0.0003	0.0005	11
CONFECTIONERY MFGRS.	0.0069	0.0122	0.9557	1.0198	0.8941	0.0001	0.0006	12
SUGAR REFINERIES	0.0231	0.0231	0.0553	0.0578	0.0532	1.0277	0.5444	13
VEGETABLE OIL MILLS	0.0024	0.0029	0.0028	0.0019	0.0028	0.0007	0.0061	14
MISC.FOOD IND.	0.0470	0.0859	0.1030	0.0340	0.0845	0.0021	0.3977	15
SOFT DRINKS MFGRS.	0.0005	0.0005	0.0004	0.0004	0.0005	0.0002	0.0004	16
DISTILLERS	0.0005	0.0005	0.0007	0.0006	0.0006	0.0001	0.0006	17
BREWERIES	0.0005	0.0005	0.0007	0.0007	0.0005	0.0001	0.0004	18
WINERIES	0.0001	0.0001	0.0001	0.0001	0.0001	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0000	0.0000	0.0001	0.0000	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0005	0.0003	0.0003	0.0003	0.0001	0.0004	22
MINES,QUARRIES&OIL WELLS	0.0134	0.0135	0.0144	0.0142	0.0146	0.0071	0.0121	23
MANUFACTURING EXCEPT FOOD	0.2039	0.2065	0.2409	0.2398	0.2429	0.0867	0.1765	24
COMMUNICATIONS	0.0213	0.0217	0.0248	0.0248	0.0245	0.0072	0.0153	25
TRANSP & STORAGE	0.0675	0.0674	0.0548	0.0537	0.0552	0.0237	0.0452	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0125	0.0124	0.0112	0.0112	0.0115	0.0074	0.0096	27
WHOLESALE TRADE	0.0498	0.0607	0.0365	0.0361	0.0373	0.0332	0.0386	28
RETAIL TRADE	0.0160	0.0158	0.0121	0.0122	0.0124	0.0044	0.0087	29
FIN.INS.REAL ESTATE	0.0414	0.0411	0.0357	0.0362	0.0361	0.0233	0.0272	30
COMMUNITY BUS.PERSONAL SERV.	0.0539	0.0536	0.0538	0.0541	0.0531	0.0136	0.0307	31
TRANSP. MARGINS	0.0415	0.0410	0.0284	0.0276	0.0292	0.0157	0.0273	32
CONSTRUCTION	0.0121	0.0120	0.0092	0.0091	0.0098	0.0062	0.0085	33
OPER.OFFICE,LAB & FOOD	0.0722	0.0709	0.0542	0.0545	0.0565	0.0327	0.0434	34
TRAVEL & ADVER'G PROMOTION	0.0528	0.0543	0.0802	0.0800	0.0775	0.0088	0.0419	35

Table 7 6

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INDUSTRY	OILSEED,MEAL & CAKE	MAPLE SUGAR & SYRUP	PREPARED CAKE & SIMILAR MIXES	BEET PULP	SOUPS,DRIED & SOUP MIXES & BASES	COFFEE,ROASTED,GROUND,PREPARED	TEA	
AGRICULTURE	0.4396	0.4033	0.1709	0.0577	0.1093	0.1024	0.1055	1
FORESTRY	0.0053	0.0075	0.0071	0.0025	0.0071	0.0068	0.0070	2
SLAUGHTERING & MEAT PROCESSORS	0.0045	0.0094	0.0103	0.0012	0.0123	0.0101	0.0105	3
POULTRY PROCESSORS	0.0004	0.0021	0.0026	0.0002	0.0039	0.0028	0.0029	4
DAIRY FACTORIES	0.0025	0.0090	0.0099	0.0010	0.0124	0.0106	0.0111	5
FISH PRODUCTS INDUSTRY	0.0012	0.0014	0.0015	0.0002	0.0015	0.0015	0.0016	6
FRUIT & VEG. PROCESSORS	0.0007	0.0050	0.0262	0.0007	0.1093	0.0065	0.0068	7
FEED MANUFACTURERS	0.0453	0.0419	0.0198	0.0060	0.0130	0.0119	0.0123	8
FLOUR & BREAKFAST CEREAL IND.	0.0033	0.0174	0.2473	0.0006	0.0282	0.0209	0.0218	9
BISC. MFGRS.	0.0001	0.0002	0.0002	0.0001	0.0002	0.0002	0.0002	10
BAKERIES	0.0006	0.0006	0.0146	0.0003	0.0686	0.0006	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0009	0.0032	0.0001	0.0016	0.0011	0.0012	12
SUGAR REFINERIES	0.0005	0.0135	0.0160	1.0277	0.0200	0.0183	0.0191	13
VEGETABLE OIL MILLS	1.0073	0.0133	0.0123	0.0007	0.0127	0.0142	0.0148	14
MISC.FOOD IND.	0.0033	0.7359	0.7832	0.0021	0.8877	1.0150	1.0601	15
SOFT DRINKS MFGRS.	0.0010	0.0005	0.0006	0.0002	0.0006	0.0005	0.0005	16
DISTILLERS	0.0005	0.0010	0.0011	0.0001	0.0011	0.0011	0.0012	17
BREWERIES	0.0003	0.0006	0.0007	0.0001	0.0007	0.0007	0.0007	18
WINERIES	0.0000	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	19
LEAF TOBACCO PROCESSING	0.0003	0.0001	0.0001	0.0000	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0006	0.0006	0.0001	0.0006	0.0006	0.0007	22
MINES,QUARRIES&OIL WELLS	0.0106	0.0152	0.0163	0.0071	0.0169	0.0164	0.0168	23
MANUFACTURING EXCEPT FOOD	0.1419	0.2347	0.2477	0.0867	0.2603	0.2489	0.2558	24
COMMUNICATIONS	0.0120	0.0207	0.0250	0.0072	0.0242	0.0252	0.0246	25
TRANSP & STORAGE	0.0670	0.0617	0.0911	0.0237	0.0693	0.0688	0.0703	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0132	0.0121	0.0123	0.0074	0.0118	0.0117	0.0114	27
WHOLESALE TRADE	0.0377	0.0435	0.0472	0.0332	0.0439	0.0417	0.0429	28
RETAIL TRADE	0.0109	0.0137	0.0113	0.0044	0.0129	0.0546	0.0121	29
FIN,INS,REAL ESTATE	0.0244	0.0333	0.0328	0.0233	0.0315	0.0320	0.0302	30
COMMUNITY BUS,PERSONAL SERV.	0.0224	0.0415	0.0494	0.0136	0.0495	0.0485	0.0491	31
TRANSP. MARGINS	0.0322	0.0369	0.0515	0.0157	0.0403	0.0394	0.0406	32
CONSTRUCTION	0.0132	0.0146	0.0124	0.0062	0.0108	0.0106	0.0104	33
OPER.OFFICE,LAB & FOOD	0.0637	0.0602	0.0587	0.0327	0.0539	0.0507	0.0504	34
TRAVEL & ADVER'G PROMOTION	0.0173	0.0605	0.0797	0.0088	0.0783	0.0804	0.0824	35

Table 77

IMPACT OF YEAR 1971 COMMODITY

INDUSTRY	POTATO CHIPS & SIMILAR PRODUCTS	MISC. FOOD N ES	SOFTDRINK CO NCENTRATES & SYRUP	CARBONATED B EV. SOFT DRI NKS	SOUPS CANNED	PICKLES,RELI SHES,OTHER S AUCES	VINEGAR	
AGRICULTURE	0.1055	0.1579	0.0212	0.0156	0.1486	0.1553	0.1405	1
FORESTRY	0.0070	0.0078	0.0100	0.0102	0.0092	0.0091	0.0092	2
SLAUGHTERING & MEAT PROCESSORS	0.0105	0.0111	0.0062	0.0059	0.0222	0.0264	0.0223	3
POULTRY PROCESSORS	0.0029	0.0030	0.0009	0.0008	0.0128	0.0211	0.0130	4
DAIRY FACTORIES	0.0111	0.1172	0.0035	0.0030	0.0154	0.0148	0.0152	5
FISH PRODUCTS INDUSTRY	0.0016	0.0016	0.0022	0.0022	0.0014	0.0014	0.0014	6
FRUIT & VEG. PROCESSORS	0.0070	0.0500	0.0030	0.0017	1.0165	0.9646	1.0363	7
FEED MANUFACTURERS	0.0123	0.0351	0.0044	0.0038	0.0165	0.0171	0.0165	8
FLOUR & BREAKFAST CEREAL IND.	0.0218	0.0209	0.0022	0.0009	0.0051	0.0036	0.0025	9
BISC. MFGRS.	0.0002	0.0002	0.0001	0.0001	0.0002	0.0002	0.0002	10
BAKERIES	0.0006	0.0007	0.0011	0.0011	0.0192	0.0008	0.0008	11
CONFECTIONERY MFGRS.	0.0020	0.0142	0.0003	0.0002	0.0014	0.0013	0.0013	12
SUGAR REFINERIES	0.0191	0.0181	0.0791	0.0830	0.0251	0.0245	0.0252	13
VEGETABLE OIL MILLS	0.0148	0.0138	0.0018	0.0010	0.0022	0.0030	0.0021	14
MISC.FOOD IND.	1.0591	0.8625	0.0765	0.0128	0.0164	0.0740	0.0149	15
SOFT DRINKS MFGRS.	0.0005	0.0008	1.0165	1.0834	0.0013	0.0013	0.0014	16
DISTILLERS	0.0012	0.0012	0.0017	0.0017	0.0008	0.0008	0.0008	17
BREWERIES	0.0007	0.0017	0.0008	0.0008	0.0006	0.0006	0.0006	18
WINERIES	0.0001	0.0001	0.0001	0.0001	0.0002	0.0002	0.0002	19
LEAF TOBACCO PROCESSING	0.0001	0.0001	0.0008	0.0009	0.0002	0.0002	0.0002	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0007	0.0007	0.0009	0.0009	0.0006	0.0006	0.0006	22
MINES,QUARRIES&OIL WELLS	0.0168	0.0181	0.0220	0.0224	0.0200	0.0199	0.0202	23
MANUFACTURING EXCEPT FOOD	0.2558	0.2798	0.3832	0.3915	0.3344	0.3309	0.3369	24
COMMUNICATIONS	0.0246	0.0238	0.0302	0.0305	0.0227	0.0228	0.0227	25
TRANSP & STORAGE	0.0703	0.0697	0.0632	0.0628	0.0628	0.0631	0.0627	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0114	0.0122	0.0138	0.0140	0.0141	0.0140	0.0141	27
WHOLESALE TRADE	0.0429	0.0439	0.0529	0.0535	0.0494	0.0492	0.0494	28
RETAIL TRADE	0.0121	0.0129	0.0155	0.0157	0.0178	0.0176	0.0178	29
FIN.INS.REAL ESTATE	0.0302	0.0316	0.0389	0.0394	0.0357	0.0354	0.0356	30
COMMUNITY BUS.PERSONAL SERV.	0.0491	0.0484	0.0631	0.0640	0.0494	0.0491	0.0493	31
TRANSP. MARGINS	0.0406	0.0410	0.0335	0.0330	0.0375	0.0376	0.0374	32
CONSTRUCTION	0.0104	0.0116	0.0117	0.0118	0.0130	0.0130	0.0130	33
OPER.OFFICE,LAB & FOOD	0.0504	0.0565	0.0736	0.0751	0.0712	0.0703	0.0712	34
TRAVEL & ADVER'G PROMOTION	0.0824	0.0753	0.1043	0.1057	0.0617	0.0625	0.0619	35

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INDUSTRY	OTHER FOOD PREPARATIONS	FISH PRODUCTS	MUSTARD MAYONNAISE	HONEY AND BEESWAX	MALT, MALT FLOUR & WHEAT STARCH	ALCOHOLIC BEVERAGES	ALCOHOL, NATURAL ETHYL DISTILLED	
AGRICULTURE	0.2293	0.0114	0.4178	0.6748	0.1070	0.0534	0.0545	1
FORESTRY	0.0092	0.0055	0.0083	0.0082	0.0070	0.0061	0.0061	2
SLAUGHTERING & MEAT PROCESSORS	0.1002	0.0055	0.0092	0.0083	0.0105	0.0037	0.0036	3
POULTRY PROCESSORS	0.0103	0.0012	0.0021	0.0014	0.0029	0.0006	0.0006	4
DAIRY FACTORIES	0.1059	0.0017	0.6745	0.0155	0.0110	0.0019	0.0019	5
FISH PRODUCTS INDUSTRY	0.0014	1.0256	0.0012	0.0013	0.0016	0.0010	0.0010	6
FRUIT & VEG. PROCESSORS	0.8059	0.0012	0.0716	0.0033	0.0067	0.0014	0.0014	7
FEED MANUFACTURERS	0.0245	0.0028	0.0431	0.0690	0.0124	0.0061	0.0062	8
FLOUR & BREAKFAST CEREAL IND.	0.0036	0.0009	0.0102	0.0132	0.0269	0.0009	0.0009	9
BISC. MFGRS.	0.0036	0.0001	0.0004	0.0001	0.0002	0.0001	0.0001	10
BAKERIES	0.0008	0.0033	0.0008	0.0006	0.0006	0.0008	0.0008	11
CONFECTIONERY MFGRS.	0.0013	0.0001	0.0138	0.0006	0.0012	0.0001	0.0001	12
SUGAR REFINERIES	0.0226	0.0004	0.0129	0.0083	0.0190	0.0015	0.0020	13
VEGETABLE OIL MILLS	0.0038	0.0005	0.0086	0.0117	0.0148	0.0008	0.0009	14
MISC.FOOD IND.	0.0436	0.0015	0.3566	0.4303	1.0547	0.0101	0.0099	15
SOFT DRINKS MFGRS.	0.0180	0.0019	0.0008	0.0005	0.0005	0.0009	0.0009	16
DISTILLERS	0.0009	0.0006	0.0008	0.0009	0.0012	1.0303	1.0060	17
BREWERIES	0.0005	0.0002	0.0005	0.0005	0.0007	0.0007	0.0007	18
WINERIES	0.0152	0.0000	0.0001	0.0001	0.0001	0.0007	0.0246	19
LEAF TOBACCO PROCESSING	0.0002	0.0007	0.0001	0.0001	0.0001	0.0002	0.0002	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.3504	0.0006	0.0006	0.0007	0.0005	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0198	0.0127	0.0173	0.0160	0.0168	0.0143	0.0143	23
MANUFACTURING EXCEPT FOOD	0.3245	0.1943	0.2595	0.2219	0.2556	0.2258	0.2263	24
COMMUNICATIONS	0.0222	0.0169	0.0211	0.0171	0.0246	0.0258	0.0257	25
TRANSP & STORAGE	0.0622	0.0589	0.0651	0.0539	0.0708	0.0550	0.0548	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0143	0.0114	0.0146	0.0128	0.0114	0.0112	0.0111	27
WHOLESALE TRADE	0.0498	0.0494	0.0465	0.0442	0.0430	0.0316	0.0319	28
RETAIL TRADE	0.0187	0.0106	0.0157	0.0152	0.0121	0.0123	0.0122	29
FIN.INS,REAL ESTATE	0.0360	0.0328	0.0368	0.0363	0.0303	0.0284	0.0283	30
COMMUNITY BUS,PERSONAL SERV.	0.0478	0.0325	0.0460	0.0346	0.0491	0.0766	0.0756	31
TRANSP. MARGINS	0.0377	0.0304	0.0418	0.0336	0.0408	0.0253	0.0253	32
CONSTRUCTION	0.0141	0.0115	0.0152	0.0185	0.0104	0.0090	0.0090	33
OPER.OFFICE,LAB & FOOD	0.0736	0.0572	0.0788	0.0694	0.0505	0.0503	0.0501	34
TRAVEL & ADVER'G PROMOTION	0.0580	0.0207	0.0535	0.0402	0.0823	0.0971	0.0963	35

Table 79

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INDUSTRY	BREWERS& DISTILLERS' GRAINS	ALE,BEER,STOUT & PORTER	WINES	TOBACCO PROCESSED,UNMANUFACTURED	CIGARETTES	TOBACCO MFG EX.CIGARETTES	TOBACCO RAW	
AGRICULTURE	0.0514	0.0119	0.1001	0.8905	0.2827	0.2808	1.0750	1
FORESTRY	0.0061	0.0060	0.0067	0.0079	0.0079	0.0078	0.0087	2
SLAUGHTERING & MEAT PROCESSORS	0.0050	0.0030	0.0025	0.0081	0.0042	0.0042	0.0069	3
POULTRY PROCESSORS	0.0007	0.0006	0.0004	0.0005	0.0005	0.0005	0.0003	4
DAIRY FACTORIES	0.0027	0.0019	0.0019	0.0041	0.0021	0.0021	0.0042	5
FISH PRODUCTS INDUSTRY	0.0011	0.0005	0.0010	0.0023	0.0011	0.0011	0.0012	6
FRUIT & VEG. PROCESSORS	0.0015	0.0009	0.0039	0.0011	0.0008	0.0008	0.0009	7
FEED MANUFACTURERS	0.0359	0.0015	0.0106	0.0916	0.0293	0.0291	0.1089	8
FLOUR & BREAKFAST CEREAL IND.	0.0026	0.0028	0.0010	0.0065	0.0022	0.0022	0.0075	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0007	0.0006	0.0005	0.0009	0.0007	0.0007	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0001	0.0002	0.0001	0.0001	0.0002	12
SUGAR REFINERIES	0.0023	0.0014	0.0236	0.0010	0.0011	0.0010	0.0010	13
VEGETABLE OIL MILLS	0.0032	0.0012	0.0012	0.0082	0.0028	0.0028	0.0087	14
MISC.FOOD IND.	0.0642	0.0670	0.0019	0.0044	0.0027	0.0026	0.0047	15
SOFT DRINKS MFGRS.	0.0007	0.0003	0.0005	0.0020	0.0009	0.0009	0.0005	16
DISTILLERS	0.7018	0.0007	0.0066	0.0010	0.0009	0.0009	0.0006	17
BREWERIES	0.2560	1.0009	0.0005	0.0003	0.0007	0.0007	0.0003	18
WINERIES	0.0003	0.0001	1.0022	0.0000	0.0001	0.0001	0.0000	19
LEAF TOBACCO PROCESSING	0.0002	0.0000	0.0001	1.0007	0.3137	0.3116	0.0021	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	1.0000	0.9931	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0003	0.0004	0.0009	0.0005	0.0005	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0143	0.0130	0.0140	0.0141	0.0153	0.0153	0.0150	23
MANUFACTURING EXCEPT FOOD	0.2266	0.2280	0.2465	0.1811	0.2648	0.2636	0.1871	24
COMMUNICATIONS	0.0253	0.0245	0.0196	0.0129	0.0232	0.0233	0.0118	25
TRANSP & STORAGE	0.0542	0.0425	0.0429	0.0543	0.0485	0.0486	0.0425	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0119	0.0137	0.0086	0.0139	0.0106	0.0106	0.0137	27
WHOLESALE TRADE	0.0311	0.0241	0.0474	0.0541	0.0299	0.0368	0.0450	28
RETAIL TRADE	0.0120	0.0110	0.0089	0.0165	0.0127	0.0127	0.0174	29
FIN.INS.REAL ESTATE	0.0269	0.0221	0.0236	0.0491	0.0377	0.0378	0.0404	30
COMMUNITY BUS.PERSONAL SERV.	0.0737	0.0733	0.0335	0.0266	0.0512	0.0512	0.0244	31
TRANSP. MARGINS	0.0253	0.0171	0.0243	0.0388	0.0239	0.0239	0.0287	32
CONSTRUCTION	0.0092	0.0087	0.0083	0.0237	0.0186	0.0186	0.0240	33
OPER.OFFICE,LAB & FOOD	0.0485	0.0406	0.0415	0.0852	0.0528	0.0528	0.0823	34
TRAVEL & ADVER'G PROMOTION	0.0952	0.0988	0.0606	0.0141	0.0843	0.0841	0.0112	35

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IMPACT OF YEAR 1971

INDUSTRY	COMMODITY: VEG.OILS & FATS.CRUDE	FEEDS OF ANIMAL ORIGIN NES	PRIMARY OR CONCENTRATED FEEDS	FEEDS FOR COMMERCIAL LIVESTOCK	FEEDS.GRAIN ORIGIN NES	FEEDS OF VEG.ORIGIN NES	PET FEEDS	
AGRICULTURE	0.4393	0.7555	0.2982	0.3016	0.3048	0.2968	0.3591	1
FORESTRY	0.0053	0.0084	0.0062	0.0062	0.0062	0.0061	0.0066	2
SLAUGHTERING & MEAT PROCESSORS	0.0045	1.0729	0.0491	0.0488	0.0299	0.0497	0.2372	3
POULTRY PROCESSORS	0.0004	0.0085	0.0007	0.0007	0.0006	0.0007	0.0009	4
DAIRY FACTORIES	0.0025	0.0067	0.0183	0.0311	0.0117	0.0185	0.0154	5
FISH PRODUCTS INDUSTRY	0.0012	0.0021	0.0087	0.0086	0.0052	0.0088	0.0067	6
FRUIT & VEG. PROCESSORS	0.0007	0.0014	0.0038	0.0038	0.0030	0.0039	0.0038	7
FEED MANUFACTURERS	0.0452	0.1311	1.1156	1.1072	0.6254	1.1317	0.8090	8
FLOUR & BREAKFAST CEREAL IND.	0.0033	0.0067	0.0321	0.0283	0.3824	0.0174	0.0163	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0008	0.0007	0.0007	0.0008	0.0007	0.0007	11
CONFECTIONERY MFGRS.	0.0001	0.0002	0.0007	0.0007	0.0005	0.0007	0.0007	12
SUGAR REFINERIES	0.0006	0.0014	0.0067	0.0068	0.0052	0.0068	0.0073	13
VEGETABLE OIL MILLS	1.0066	0.0181	0.0632	0.0627	0.0369	0.0641	0.0495	14
MISC.FOOD IND.	0.0041	0.0086	0.0380	0.0378	0.0256	0.0384	0.1583	15
SOFT DRINKS MFGRS.	0.0010	0.0008	0.0006	0.0006	0.0006	0.0006	0.0006	16
DISTILLERS	0.0005	0.0009	0.0051	0.0051	0.0032	0.0052	0.0039	17
BREWERIES	0.0003	0.0005	0.0021	0.0021	0.0015	0.0021	0.0017	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0003	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0008	0.0031	0.0031	0.0019	0.0031	0.0024	22
MINES,QUARRIES&OIL WELLS	0.0106	0.0165	0.0219	0.0219	0.0179	0.0220	0.0203	23
MANUFACTURING EXCEPT FOOD	0.1420	0.2186	0.1933	0.1940	0.1935	0.1929	0.2040	24
COMMUNICATIONS	0.0120	0.0190	0.0202	0.0202	0.0245	0.0201	0.0205	25
TRANSP & STORAGE	0.0670	0.0606	0.1230	0.1221	0.1317	0.1224	0.1046	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0132	0.0156	0.0142	0.0143	0.0140	0.0142	0.0141	27
WHOLESALE TRADE	0.0377	0.0594	0.0672	0.0670	0.1497	0.0673	0.0629	28
RETAIL TRADE	0.0109	0.0351	0.0159	0.0160	0.0158	0.0159	0.0191	29
FIN.INS.REAL ESTATE	0.0244	0.0396	0.0309	0.0310	0.0364	0.0307	0.0321	30
COMMUNITY BUS.PERSONAL SERV.	0.0225	0.0358	0.0359	0.0359	0.0424	0.0357	0.0373	31
TRANSP. MARGINS	0.0322	0.0408	0.0808	0.0804	0.0779	0.0807	0.0684	32
CONSTRUCTION	0.0132	0.0221	0.0159	0.0159	0.0164	0.0158	0.0164	33
OPER.OFFICE,LAB & FOOD	0.0637	0.0903	0.0764	0.0766	0.0763	0.0763	0.0757	34
TRAVEL & ADVER'G PROMOTION	0.0174	0.0235	0.0314	0.0313	0.0493	0.0308	0.0358	35

Table 81

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INDUSTRY	INFANT & JUNIOR FOODS CANNED	HOPS INCLUDING LUPULIN	HAY FORAGE & STRAW	HIDES & SKINS,RAW NES	MINK SKINS,RANCHED & UNDRESSED	WOOL IN GREASE	SERV.INCIDENTAL TO AG.& FORESTRY	
AGRICULTURE	0.1225	1.0750	0.9097	0.6878	1.0750	1.0750	0.9612	1
FORESTRY	0.0142	0.0087	0.0082	0.0081	0.0087	0.0087	0.0894	2
SLAUGHTERING & MEAT PROCESSORS	0.0186	0.0069	0.0160	0.8763	0.0069	0.0069	0.0065	3
POULTRY PROCESSORS	0.0106	0.0003	0.0004	0.0005	0.0003	0.0003	0.0004	4
DAIRY FACTORIES	0.0126	0.0042	0.0072	0.0052	0.0042	0.0042	0.0040	5
FISH PRODUCTS INDUSTRY	0.0012	0.0012	0.0028	0.0015	0.0012	0.0012	0.0011	6
FRUIT & VEG. PROCESSORS	0.8405	0.0009	0.0015	0.0011	0.0009	0.0009	0.0009	7
FEED MANUFACTURERS	0.0135	0.1089	0.3261	0.0716	0.1089	0.1089	0.0975	8
FLOUR & BREAKFAST CEREAL IND.	0.0021	0.0075	0.0096	0.0054	0.0075	0.0075	0.0068	9
BISC. MFGRS.	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0008	0.0006	0.0006	0.0007	0.0006	0.0006	0.0007	11
CONFECTIONERY MFGRS.	0.0011	0.0002	0.0003	0.0002	0.0002	0.0002	0.0002	12
SUGAR REFINERIES	0.0204	0.0010	0.0022	0.0010	0.0010	0.0010	0.0009	13
VEGETABLE OIL MILLS	0.0019	0.0097	0.0213	0.0130	0.0097	0.0097	0.0087	14
MISC.FOOD IND.	0.0123	0.0047	0.0119	0.0060	0.0047	0.0047	0.0043	15
SOFT DRINKS MFGRS.	0.0012	0.0005	0.0005	0.0007	0.0005	0.0005	0.0005	16
DISTILLERS	0.0007	0.0006	0.0016	0.0006	0.0006	0.0006	0.0006	17
BREWERIES	0.0005	0.0003	0.0007	0.0004	0.0003	0.0003	0.0003	18
WINERIES	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0006	0.0005	0.0011	0.0005	0.0005	0.0005	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0294	0.0150	0.0165	0.0157	0.0150	0.0150	0.0143	23
MANUFACTURING EXCEPT FOOD	0.5359	0.1871	0.1883	0.2173	0.1871	0.1871	0.1816	24
COMMUNICATIONS	0.0223	0.0118	0.0136	0.0210	0.0118	0.0118	0.0129	25
TRANSP & STORAGE	0.0605	0.0425	0.0594	0.0533	0.0425	0.0425	0.0473	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0149	0.0137	0.0138	0.0159	0.0137	0.0137	0.0133	27
WHOLESALE TRADE	0.0474	0.0450	0.0498	0.0516	0.0450	0.0450	0.0432	28
RETAIL TRADE	0.0164	0.0174	0.0171	0.1670	0.0174	0.0174	0.0496	29
FIN,INS,REAL ESTATE	0.0353	0.0404	0.0383	0.0437	0.0404	0.0404	0.0448	30
COMMUNITY BUS,PERSONAL SERV.	0.0485	0.0244	0.0268	0.0351	0.0244	0.0244	0.0295	31
TRANSP. MARGINS	0.0368	0.0287	0.0398	0.0345	0.0287	0.0287	0.0271	32
CONSTRUCTION	0.0130	0.0240	0.0223	0.0213	0.0240	0.0240	0.0238	33
OPER.OFFICE,LAB & FOOD	0.0706	0.0823	0.0810	0.0855	0.0823	0.0823	0.0872	34
TRAVEL & ADVER'G PROMOTION	0.0564	0.0112	0.0154	0.0244	0.0112	0.0112	0.0123	35

Table 82

IMPACT OF YEAR 1971

INDUSTRY	COMMODITY: FORESTRY PROD	FISHING & TRAPPING PROD.	TEXTILE PRODUCTS	KNITTED PRODUCTS & CLOTHING	LUMBER, SAWMILL, OTHER WOOD PRODUCTS	FURNITURE & FIXTURES	PAPER & PAPER PRODUCTS	
AGRICULTURE	0.0456	0.0024	0.0066	0.0065	0.0065	0.0065	0.0066	1
FORESTRY	1.0093	0.0056	0.0352	0.0354	0.0385	0.0352	0.0354	2
SLAUGHTERING & MEAT PROCESSORS	0.0042	0.0010	0.0029	0.0029	0.0029	0.0029	0.0029	3
POULTRY PROCESSORS	0.0007	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	4
DAIRY FACTORIES	0.0028	0.0008	0.0016	0.0016	0.0016	0.0016	0.0016	5
FISH PRODUCTS INDUSTRY	0.0006	0.0002	0.0004	0.0004	0.0004	0.0004	0.0004	6
FRUIT & VEG. PROCESSORS	0.0010	0.0003	0.0006	0.0006	0.0006	0.0006	0.0006	7
FEED MANUFACTURERS	0.0064	0.0004	0.0009	0.0009	0.0009	0.0009	0.0009	8
FLOUR & BREAKFAST CEREAL IND.	0.0008	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	9
BISC. MFGRS.	0.0002	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0012	0.0003	0.0006	0.0006	0.0006	0.0006	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0000	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0004	0.0001	0.0002	0.0002	0.0002	0.0002	0.0003	13
VEGETABLE OIL MILLS	0.0008	0.0002	0.0009	0.0009	0.0009	0.0009	0.0009	14
MISC. FOOD IND.	0.0014	0.0005	0.0015	0.0015	0.0015	0.0015	0.0018	15
SOFT DRINKS MFGRS.	0.0006	0.0002	0.0003	0.0003	0.0003	0.0003	0.0003	16
DISTILLERS	0.0002	0.0001	0.0004	0.0004	0.0004	0.0004	0.0004	17
BREWERIES	0.0002	0.0001	0.0003	0.0003	0.0003	0.0003	0.0007	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0004	1.0079	0.0005	0.0005	0.0005	0.0005	0.0005	22
MINES, QUARRIES & OIL WELLS	0.0120	0.0144	0.0688	0.0691	0.0689	0.0688	0.0691	23
MANUFACTURING EXCEPT FOOD	0.1959	0.2175	1.3823	1.3893	1.3857	1.3838	1.3897	24
COMMUNICATIONS	0.0149	0.0088	0.0207	0.0206	0.0206	0.0207	0.0206	25
TRANSP & STORAGE	0.1049	0.0291	0.0514	0.0514	0.0516	0.0514	0.0514	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0079	0.0047	0.0184	0.0184	0.0184	0.0184	0.0184	27
WHOLESALE TRADE	0.0346	0.0292	0.0430	0.0388	0.0390	0.0433	0.0390	28
RETAIL TRADE	0.0219	0.0109	0.0119	0.0107	0.0104	0.0104	0.0104	29
FIN. INS. REAL ESTATE	0.0817	0.0234	0.0340	0.0339	0.0340	0.0339	0.0339	30
COMMUNITY BUS. PERSONAL SERV.	0.0828	0.0194	0.0448	0.0448	0.0449	0.0448	0.0448	31
TRANSP. MARGINS	0.0145	0.0132	0.0288	0.0289	0.0288	0.0288	0.0289	32
CONSTRUCTION	0.0248	0.0063	0.0128	0.0128	0.0128	0.0128	0.0128	33
OPER. OFFICE, LAB & FOOD	0.1527	0.0264	0.0681	0.0682	0.0685	0.0681	0.0682	34
TRAVEL & ADVER'G PROMOTION	0.0149	0.0076	0.0333	0.0332	0.0331	0.0333	0.0332	35

Table 83

IMPACT OF YEAR 1971

INDUSTRY	COMMODITY: PRINTING & PUBLISHING	METALLIC ORES & CONCENTRATES	MINERALS FUELS	NON-METALLIC MINERALS	SERVICES INCIDENTAL TO MINING	PRIMARY METAL PRODUCTS	FABRICATED METAL PRODUCTS	
AGRICULTURE	0.0065	0.0051	0.0050	0.0053	0.0050	0.0065	0.0066	1
FORESTRY	0.0353	0.0057	0.0034	0.0045	0.0034	0.0354	0.0353	2
SLAUGHTERING & MEAT PROCESSORS	0.0029	0.0027	0.0027	0.0027	0.0027	0.0029	0.0029	3
POULTRY PROCESSORS	0.0004	0.0005	0.0005	0.0005	0.0005	0.0004	0.0004	4
DAIRY FACTORIES	0.0016	0.0017	0.0017	0.0018	0.0017	0.0016	0.0016	5
FISH PRODUCTS INDUSTRY	0.0004	0.0004	0.0004	0.0012	0.0004	0.0004	0.0004	6
FRUIT & VEG. PROCESSORS	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	0.0006	7
FEED MANUFACTURERS	0.0009	0.0007	0.0007	0.0007	0.0007	0.0009	0.0013	8
FLOUR & BREAKFAST CEREAL IND.	0.0003	0.0003	0.0003	0.0004	0.0003	0.0003	0.0003	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0008	0.0008	0.0008	0.0008	0.0006	0.0006	11
CONFECTIONERY MFGRS.	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0002	0.0002	0.0002	0.0003	0.0002	0.0002	0.0002	13
VEGETABLE OIL MILLS	0.0009	0.0004	0.0003	0.0004	0.0003	0.0009	0.0010	14
MISC.FOOD IND.	0.0015	0.0010	0.0009	0.0034	0.0009	0.0015	0.0015	15
SOFT DRINKS MFGRS.	0.0003	0.0004	0.0004	0.0004	0.0004	0.0003	0.0003	16
DISTILLERS	0.0004	0.0002	0.0001	0.0001	0.0001	0.0004	0.0004	17
BREWERIES	0.0003	0.0002	0.0001	0.0001	0.0001	0.0003	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0003	0.0002	0.0005	0.0002	0.0005	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0691	0.9920	1.0616	1.0248	1.0626	0.0692	0.0690	23
MANUFACTURING EXCEPT FOOD	1.3884	0.2180	0.1297	0.1727	0.1284	1.3899	1.3867	24
COMMUNICATIONS	0.0206	0.0122	0.0115	0.0119	0.0115	0.0206	0.0206	25
TRANSP & STORAGE	0.0514	0.0306	0.0291	0.0299	0.0290	0.0514	0.0514	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0184	0.0242	0.0246	0.0244	0.0246	0.0184	0.0184	27
WHOLESALE TRADE	0.0398	0.0254	0.0244	0.0249	0.0244	0.0385	0.0409	28
RETAIL TRADE	0.0104	0.0103	0.0103	0.0103	0.0103	0.0104	0.0104	29
FIN.INS,REAL ESTATE	0.0339	0.0853	0.0892	0.0872	0.0893	0.0339	0.0339	30
COMMUNITY BUS,PERSONAL SERV.	0.0448	0.0525	0.0531	0.0528	0.0531	0.0448	0.0448	31
TRANSP. MARGINS	0.0289	0.0142	0.0131	0.0137	0.0131	0.0289	0.0289	32
CONSTRUCTION	0.0128	0.0370	0.0388	0.0379	0.0389	0.0128	0.0128	33
OPER.OFFICE,LAB & FOOD	0.0682	0.0948	0.0968	0.0957	0.0968	0.0682	0.0682	34
TRAVEL & ADVER'G PROMOTION	0.0332	0.0148	0.0135	0.0143	0.0134	0.0331	0.0332	35

Table 8.4

IMPACT OF YEAR 1971 COMMODITY

INDUSTRY	NON-METALLIC MINERALS PRODUCTS	PET & COAL PRODUCTS	CHEMICALS,CHEMICAL PRODUCTS	NITROGEN FUNCTION COMPOUNDS NES	AUTOS,TRUCKS,OTHER TRANSP. EQUIPMENT	TRANSPORTATION & STORAGE	ELEC & COMMUNICATIONS PRODUCTS	
AGRICULTURE	0.0065	0.0065	0.0180	0.0318	0.0065	0.0046	0.0064	1
FORESTRY	0.0352	0.0346	0.0332	0.0336	0.0352	0.0044	0.0342	2
SLAUGHTERING & MEAT PROCESSORS	0.0029	0.0029	0.0023	0.0030	0.0029	0.0022	0.0029	3
POULTRY PROCESSORS	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	4
DAIRY FACTORIES	0.0016	0.0016	0.0018	0.0017	0.0016	0.0015	0.0016	5
FISH PRODUCTS INDUSTRY	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	6
FRUIT & VEG. PROCESSORS	0.0006	0.0006	0.0007	0.0006	0.0006	0.0006	0.0006	7
FEED MANUFACTURERS	0.0009	0.0009	0.0022	0.0035	0.0009	0.0008	0.0009	8
FLOUR & BREAKFAST CEREAL IND.	0.0003	0.0003	0.0006	0.0005	0.0003	0.0003	0.0003	9
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	10
BAKERIES	0.0006	0.0006	0.0006	0.0006	0.0006	0.0007	0.0006	11
CONFECTIONERY MFGRS.	0.0001	0.0001	0.0010	0.0001	0.0001	0.0001	0.0001	12
SUGAR REFINERIES	0.0002	0.0002	0.0005	0.0003	0.0002	0.0002	0.0002	13
VEGETABLE OIL MILLS	0.0009	0.0009	0.0110	0.0596	0.0009	0.0002	0.0009	14
MISC.FOOD IND.	0.0015	0.0015	0.0107	0.0016	0.0015	0.0008	0.0014	15
SOFT DRINKS MFGRS.	0.0003	0.0003	0.0004	0.0004	0.0003	0.0003	0.0003	16
DISTILLERS	0.0004	0.0004	0.0005	0.0005	0.0004	0.0002	0.0004	17
BREWERIES	0.0003	0.0003	0.0005	0.0003	0.0003	0.0002	0.0003	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21
FISH'G,HUNT'G & TRAPP'G	0.0005	0.0005	0.0005	0.0005	0.0005	0.0003	0.0005	22
MINES,QUARRIES&OIL WELLS	0.0731	0.0929	0.1118	0.0657	0.0689	0.0107	0.0669	23
MANUFACTURING EXCEPT FOOD	1.3842	1.3597	1.3007	1.3173	1.3844	0.1498	1.3448	24
COMMUNICATIONS	0.0206	0.0204	0.0201	0.0201	0.0206	0.0293	0.0538	25
TRANSP & STORAGE	0.0513	0.0508	0.0508	0.0523	0.0558	1.1181	0.0510	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0185	0.0187	0.0186	0.0181	0.0184	0.0091	0.0180	27
WHOLESALE TRADE	0.0391	0.0382	0.0382	0.0385	0.0389	0.0324	0.0386	28
RETAIL TRADE	0.0104	0.0104	0.0106	0.0104	0.0104	0.0206	0.0104	29
FIN,INS,REAL ESTATE	0.0341	0.0352	0.0362	0.0333	0.0339	0.0412	0.0334	30
COMMUNITY BUS,PERSONAL SERV.	0.0448	0.0450	0.0449	0.0435	0.0448	0.0508	0.0443	31
TRANSP. MARGINS	0.0288	0.0285	0.0284	0.0291	0.0288	0.0182	0.0281	32
CONSTRUCTION	0.0129	0.0134	0.0140	0.0128	0.0129	0.0352	0.0130	33
OPER.OFFICE,LAB & FOOD	0.0683	0.0689	0.0695	0.0680	0.0682	0.0681	0.0666	34
TRAVEL & ADVER'G PROMOTION	0.0331	0.0327	0.0325	0.0322	0.0331	0.0199	0.0324	35

Table 85

IMPACT OF YEAR 1971 COMMODITY

INDUSTRY	COMUNICATION SERVICES	OTHER UTILITIES	MISC. MANUF. PRODUCTS	NON-RESIDENT REPAIR CONSTRUCTION	CONST RUCTION	RUBBER,LEATH ER,PLASTIC PRODUCTS	WHOLESALE MARGIN	
AGRICULTURE	0.0019	0.0018	0.0074	0.0058	0.0058	0.0065	0.0153	1
FORESTRY	0.0015	0.0018	0.0345	0.0117	0.0117	0.0353	0.0088	2
SLAUGHTERING & MEAT PROCESSORS	0.0010	0.0010	0.0030	0.0026	0.0026	0.0029	0.0058	3
POULTRY PROCESSORS	0.0002	0.0002	0.0016	0.0004	0.0004	0.0004	0.0007	4
DAIRY FACTORIES	0.0005	0.0006	0.0016	0.0017	0.0017	0.0016	0.0106	5
FISH PRODUCTS INDUSTRY	0.0002	0.0002	0.0004	0.0005	0.0005	0.0004	0.0030	6
FRUIT & VEG. PROCESSORS	0.0002	0.0002	0.0006	0.0006	0.0006	0.0006	0.0035	7
FEED MANUFACTURERS	0.0002	0.0003	0.0010	0.0009	0.0009	0.0009	0.0055	8
FLOUR & BREAKFAST CEREAL IND.	0.0001	0.0001	0.0003	0.0003	0.0003	0.0003	0.0024	9
BISC. MFGRS.	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0005	10
BAKERIES	0.0003	0.0003	0.0006	0.0007	0.0007	0.0006	0.0027	11
CONFECTIONERY MFGRS.	0.0000	0.0000	0.0001	0.0001	0.0001	0.0001	0.0007	12
SUGAR REFINERIES	0.0001	0.0001	0.0002	0.0002	0.0002	0.0002	0.0008	13
VEGETABLE OIL MILLS	0.0001	0.0001	0.0009	0.0004	0.0004	0.0009	0.0009	14
MISC.FOOD IND.	0.0003	0.0003	0.0014	0.0010	0.0010	0.0015	0.0050	15
SOFT DRINKS MFGRS.	0.0001	0.0001	0.0003	0.0004	0.0004	0.0003	0.0031	16
DISTILLERS	0.0001	0.0001	0.0004	0.0003	0.0003	0.0004	0.0008	17
BREWERIES	0.0001	0.0001	0.0003	0.0002	0.0002	0.0003	0.0015	18
WINERIES	0.0000	0.0000	0.0001	0.0000	0.0000	0.0000	0.0001	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0002	20
TOBACCO PROD.MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0004	21
FISH'G,HUNT'G & TRAPP'G	0.0001	0.0001	0.0005	0.0003	0.0003	0.0005	0.0012	22
MINES,QUARRIES&OIL WELLS	0.0034	0.0303	0.0674	0.0295	0.0295	0.0689	0.0176	23
MANUFACTURING EXCEPT FOOD	0.0557	0.0654	1.3550	0.4073	0.4073	1.3857	0.3138	24
COMMUNICATIONS	1.0291	0.0092	0.0211	0.0155	0.0155	0.0207	0.0373	25
TRANSP & STORAGE	0.0385	0.0207	0.0517	0.0481	0.0481	0.0514	0.0505	26
ELEC.POWER,GAS,OTHER UTILITIES	0.0042	1.0004	0.0182	0.0074	0.0074	0.0184	0.0101	27
WHOLESALE TRADE	0.0072	0.0115	0.0641	0.0524	0.0524	0.0419	0.8238	28
RETAIL TRADE	0.0112	0.0049	0.0104	0.0211	0.0211	0.0104	0.0113	29
FIN.INS.REAL ESTATE	0.0186	0.0260	0.0344	0.0339	0.0339	0.0339	0.0510	30
COMMUNITY BUS.PERSONAL SERV.	0.0294	0.0236	0.0449	0.0634	0.0634	0.0448	0.0533	31
TRANSP. MARGINS	0.0074	0.0100	0.0285	0.0272	0.0272	0.0288	0.0191	32
CONSTRUCTION	0.0194	0.0461	0.0127	1.0079	1.0079	0.0128	0.0099	33
OPER.OFFICE,LAB & FOOD	0.0197	0.0267	0.0677	0.0473	0.0473	0.0682	0.0511	34
TRAVEL & ADVER'G PROMOTION	0.0105	0.0080	0.0337	0.0191	0.0191	0.0332	0.0524	35

Table 86

IMPACT OF YEAR 1971 COMMODITY

INDUSTRY	RETAIL MARGIN	OTHER FINANCE, INS & REAL ESTATE	BUSINESS SERVICES	PERSONAL & OTHER MISC. SERVICES	TRANSPORTATION MARGIN	OPERATING OFFICE & FOOD	TRAVEL, ADVERTISEMENT & PROMOTION	
AGRICULTURE	0.0329	0.0034	0.0347	0.0324	0.0102	0.0329	0.0151	1
FORESTRY	0.0026	0.0021	0.0035	0.0054	0.0062	0.0141	0.0120	2
SLAUGHTERING & MEAT PROCESSORS	0.0021	0.0016	0.0239	0.0196	0.0051	0.0167	0.0083	3
POULTRY PROCESSORS	0.0004	0.0003	0.0054	0.0044	0.0009	0.0027	0.0018	4
DAIRY FACTORIES	0.0012	0.0009	0.0098	0.0082	0.0039	0.0133	0.0038	5
FISH PRODUCTS INDUSTRY	0.0003	0.0003	0.0043	0.0036	0.0006	0.0016	0.0015	6
FRUIT & VEG. PROCESSORS	0.0004	0.0004	0.0043	0.0036	0.0014	0.0046	0.0016	7
FEED MANUFACTURERS	0.0034	0.0004	0.0038	0.0035	0.0014	0.0040	0.0018	8
FLOUR & BREAKFAST CEREAL IND.	0.0004	0.0002	0.0018	0.0015	0.0007	0.0022	0.0008	9
BISC. MFGRS.	0.0001	0.0001	0.0008	0.0006	0.0003	0.0009	0.0003	10
BAKERIES	0.0005	0.0005	0.0059	0.0048	0.0016	0.0056	0.0021	11
CONFECTIONERY MFGRS.	0.0000	0.0000	0.0003	0.0002	0.0001	0.0004	0.0001	12
SUGAR REFINERIES	0.0002	0.0001	0.0012	0.0010	0.0005	0.0017	0.0005	13
VEGETABLE OIL MILLS	0.0004	0.0001	0.0007	0.0007	0.0004	0.0013	0.0006	14
MISC. FOOD IND.	0.0007	0.0004	0.0041	0.0035	0.0018	0.0059	0.0024	15
SOFT DRINKS MFGRS.	0.0003	0.0002	0.0018	0.0016	0.0008	0.0028	0.0008	16
DISTILLERS	0.0003	0.0002	0.0003	0.0003	0.0002	0.0004	0.0004	17
BREWERIES	0.0003	0.0003	0.0002	0.0003	0.0002	0.0004	0.0070	18
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0012	19
LEAF TOBACCO PROCESSING	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	20
TOBACCO PROD. MFGRS.	0.0000	0.0000	0.0000	0.0000	0.0000	0.0001	0.0000	21
FISH'G, HUNT'G & TRAPP'G	0.0002	0.0002	0.0025	0.0023	0.0004	0.0011	0.0010	22
MINES, QUARRIES & OIL WELLS	0.0072	0.0094	0.0081	0.0111	0.0142	0.0303	0.0245	23
MANUFACTURING EXCEPT FOOD	0.0931	0.0747	0.1265	0.1342	0.2210	0.5340	0.4454	24
COMMUNICATIONS	0.0376	0.0272	0.0449	0.0330	0.0257	0.0199	0.1557	25
TRANSP & STORAGE	0.0365	0.0252	0.0336	0.0404	0.8343	0.0572	0.2266	26
ELEC. POWER, GAS, OTHER UTILITIES	0.0223	0.0079	0.0101	0.0150	0.0090	0.0112	0.0121	27
WHOLESALE TRADE	0.0149	0.0145	0.0225	0.0712	0.0481	0.1157	0.0309	28
RETAIL TRADE	0.9955	0.0116	0.0158	0.1341	0.0296	0.0693	0.0500	29
FIN, INS, REAL ESTATE	0.0725	1.0309	0.0566	0.0655	0.0369	0.0321	0.0416	30
COMMUNITY BUS, PERSONAL SERV.	0.0451	0.0449	1.0167	0.9259	0.0669	0.1424	0.3165	31
TRANSP. MARGINS	0.0137	0.0138	0.0171	0.0168	0.8139	0.0392	0.0233	32
CONSTRUCTION	0.0141	0.0823	0.0099	0.0203	0.0280	0.0105	0.0181	33
OPER. OFFICE, LAB & FOOD	0.0578	0.0301	0.0644	0.0629	0.2582	1.0508	0.0568	34
TRAVEL & ADVER'G PROMOTION	0.0372	0.0231	0.0296	0.0317	0.0198	0.0251	1.0265	35

Table 87

IMPACT OF YEAR 1971 COMMODITY

INDUSTRY	IMPUTED RENT .OWNER OCCUPIED DWELL'GS	MACHINERY & EQUIPMENT	RESIDENTIAL CONSTRUCTION	NURSERY STOCK & RELATED MAT.	ANIMAL MAT.F OR DRUGS&PER FUME	CUSTOM WORK MEAT&FOOD
AGRICULTURE	0.0023	0.0069	0.0058	1.0750	0.7561	0.3467
FORESTRY	0.0017	0.0352	0.0117	0.0087	0.0083	0.0076
SLAUGHTERING & MEAT PROCESSORS	0.0013	0.0032	0.0026	0.0069	1.0952	0.2641
POULTRY PROCESSORS	0.0002	0.0004	0.0004	0.0003	0.0006	0.0267
DAIRY FACTORIES	0.0007	0.0016	0.0017	0.0042	0.0063	0.0239
FISH PRODUCTS INDUSTRY	0.0002	0.0004	0.0005	0.0012	0.0018	0.1656
FRUIT & VEG. PROCESSORS	0.0003	0.0009	0.0006	0.0009	0.0015	0.0317
FEED MANUFACTURERS	0.0003	0.0010	0.0009	0.1089	0.0784	0.2110
FLOUR & BREAKFAST CEREAL IND.	0.0001	0.0005	0.0003	0.0075	0.0068	0.0264
BISC. MFGRS.	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
BAKERIES	0.0003	0.0007	0.0007	0.0006	0.0008	0.0287
CONFECTIONERY MFGRS.	0.0000	0.0002	0.0001	0.0002	0.0002	0.0005
SUGAR REFINERIES	0.0001	0.0003	0.0002	0.0010	0.0019	0.0192
VEGETABLE OIL MILLS	0.0001	0.0010	0.0004	0.0097	0.0159	0.0155
MISC.FOOD IND.	0.0004	0.0017	0.0010	0.0047	0.0497	0.0423
SOFT DRINKS MFGRS.	0.0002	0.0004	0.0004	0.0005	0.0008	0.2040
DISTILLERS	0.0002	0.0005	0.0003	0.0006	0.0007	0.0551
BREWERIES	0.0002	0.0003	0.0002	0.0003	0.0004	0.0008
WINERIES	0.0000	0.0000	0.0000	0.0000	0.0000	0.0008
LEAF TOBACCO PROCESSING	0.0000	0.0001	0.0000	0.0001	0.0002	0.0940
TOBACCO PROD.MFGRS.	0.0000	0.0001	0.0000	0.0000	0.0000	0.0000
FISH'G,HUNT'G & TRAPP'G	0.0001	0.0005	0.0003	0.0005	0.0007	0.0567
MINES,QUARRIES&OIL WELLS	0.0047	0.0761	0.0295	0.0150	0.0159	0.0174
MANUFACTURING EXCEPT FOOD	0.0600	1.3795	0.4073	0.1871	0.2138	0.2435
COMMUNICATIONS	0.0272	0.0205	0.0155	0.0118	0.0192	0.0213
TRANSP & STORAGE	0.0215	0.0512	0.0481	0.0425	0.0581	0.0712
ELEC.POWER,GAS,OTHER UTILITIES	0.0074	0.0196	0.0074	0.0137	0.0155	0.0138
WHOLESALE TRADE	0.0094	0.0385	0.0524	0.0450	0.0584	0.0548
RETAIL TRADE	0.0063	0.0104	0.0211	0.0174	0.0354	0.0195
FIN.INS,REAL ESTATE	1.0726	0.0342	0.0339	0.0404	0.0387	0.0369
COMMUNITY BUS,PERSONAL SERV.	0.0365	0.0449	0.0634	0.0244	0.0363	0.0434
TRANSP. MARGINS	0.0135	0.0288	0.0272	0.0287	0.0389	0.0433
CONSTRUCTION	0.0765	0.0130	1.0079	0.0240	0.0220	0.0161
OPER.OFFICE,LAB & FOOD	0.0287	0.0684	0.0473	0.0823	0.0895	0.0755
TRAVEL & ADVER'G PROMOTION	0.0229	0.0330	0.0191	0.0112	0.0255	0.0471

APPENDIX B

This appendix includes the following:

1. Definition of each industry in terms of the 1970 Standard Industrial Classification.
2. A complete list of 191 industries that are aggregated to the 35 industries used in the analysis.
3. A complete list of 602 commodities that are aggregated to the 138 commodities including primary inputs used in the analysis.
4. A complete list of 136 categories of final demand that are aggregated to form the 14 categories used in the analysis.
5. A complete list depicting correspondence between the original data base and the reorganized data base. It was mentioned that all industries and commodities were reorganized in homogeneous ordering. In other words, Cattle and Calves, which in the old data base was commodity number 50, was now rearranged to represent commodity number 1. A similar argument holds true for industries.

Table 1

Commodity Aggregation Scheme

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
50	1	Cattle and Calves	-
51	2	Sheep and Lamb	-
52	3	Hogs	-
53	4	Poultry	-
86	5	Poultry, Fresh, Chilled Frozen	-
87	6	Poultry, Canned	-
54	7	Other Live Animanls	-
73	8	Beef, Veal, Mutton & Pork, Fresh & Frozen	-
74	9	Horse meat, Fresh, Chilled, & Frozen	-
75	10	Meat,Cured	-
76	11	Meat, Prepared, Cooked, Not Canned	-
77	12	Meat Prepared, Canned	-
78	13	Animal Oils, Fats & Lard	-
79	14	Margarine, Shortening & Like Products	-
80	15	Sausage Casings, Natural & Synthetic	-
81	16	Primary Tankage	-
82	17	Milk, Whole, Fluid, Processed	-
58	18	Milk, Whole, Fluid, Unprocessed	-
89	19	Fresh Cream	-
90	20	Butter	-
91	21	Cheese, Cheddar & Processed	-
92	22	Milk, Evaporated	-
93	23	Ice Cream	-
94	24	Other Dairy Products	-
55	25	Rice, Unmilled	-
56	26	Wheat, Unmilled	-
57	27	Barley, Oats, Corn, Grain, NES	-
111	28	Wheat Flour	-
62	29	Fruits, Fresh, Except Tropical	-
63	30	Vegetables, Fresh	-

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the Analysis)	Aggregative Commodities
99	31	Vegetables, Fresh, Frozen	-
100	32	Vegetables & Preparations Canned	-
97	33	Fruits, Berries: Dried & Crystallized	-
98	34	Fruits & Preparations, Canned	-
59	35	Eggs in the Shell	-
61	36	Nuts, Edible, not Shelled	-
65	37	Seeds except Oil & Seed Grades	-
67	38	Oil Seeds, Nuts, Kernels	-
118	39	Nuts, Kernels & Seeds - Prepared	-
112	40	Meal & Flour of other Cereals & Vegetables	-
113	41	Breakfast Cereal Products	-
114	42	Biscuits	-
115	43	Bread & Rolls	-
116	44	Other Bakery Products	-
117	45	Cocoa & Chocolate	-
119	46	Chocolate Confectionery	-
120	47	Other Confectionery	-
122	47	Sugar	-
123	49	Molasses, Sugar Refined Products	-
124	50	Oilseed, Meal & Cake	-
128	51	Maple Sugar & Syrup	-
129	52	Prepared Cake & Similar Mixes	-
121	53	Beet Pulp	-
130	54	Soups, Dried & Soup Mixes & Bases	-
131	55	Coffee, Roasted, Ground Prepared	-
132	56	Tea	-
133	57	Potato Chips & Similar Products	-
134	58	Misc. Food NES	-
135	59	Soft Drink Concentrates & Syrup	-
136	60	Carbonated Beverages & Soft Drinks	-

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
101	61	Soup, Canned	-
103	62	Pickles, Relishes, Other Sauces	-
104	63	Vinegar	-
105	64	Other Food Preparations	-
96	65	Fish Products	-
95	66	Mustard, Mayonnaise	-
60	67	Honey and Beeswax	-
127	68	Malt, Malt Flour & Wheat Starch	-
137	69	Alcoholic Beverages, Distilled	-
138	70	Alcohol, Natural Ethyl	-
139	71	Brewers'& Distillers'Grain	-
140	72	Ale, Beer, Stout & Porter	-
141	73	Wines	-
142	74	Tobacco, Processed, Unmanufactured	-
143	75	Cigarettes	-
144	76	Manufactured Tobacco except Cigarettes	-
69	77	Tobacco, Raw	-
125	78	Vegetable Oils & Fats, Crude	-
82	79	Feeds of Animal Origin, NES	-
106	80	Primary or Concentrated Feeds	-
107	81	Feeds for Commercial Livestock	-
108	82	Feeds, Grain Origin, NES	-
109	83	Feeds, Vegetable Origin, NES	-
110	84	Pet Feeds	-
102	85	Infant Foods, Canned	-
68	86	Hops including Lupulin	-
64	87	Hay Forage & Straw	-
83	88	Hides & Skins Raw, NES	-
70	89	Mink Skins, Ranch Undressed	-
71	90	Wool in Grease	-

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis	Aggregative Commodities
72	91	Services incidental to Agriculture & Forestry	-
3	92	Forestry Products	1. Logs and Bolts 2. Poles, Pit Props, Fenceposts etc. 3. Pulpwood 4. Other Crude Wood Material 5. Custom Forestry
4	93	Fishing & Trapping Products	1. Fish Landings 2. Hunting & Trapping Products
14	94	Textile Products	1. Yarn, Cotton 2. Yarns Mix, Blended & Cotton Waste 3. Fabrics, Broad Woven of Cotton 4. Tire Cord & Tire Fabrics 5. Nets & Netting 6. Blankets, Bedsheets, Towels & Cloths 7. Yarn of Wool & Hair 8. Fabrics, Broadwoven, Wool, Hair & Mix 9. Papermakers Felts 10. Man-made Fibres 11. Polyamide Resins 12. Yarns, Silks, Fibreglass 13. Tire Yarns 14. Fabric: Woven; Textile Fibres 15. Fabric: Broad Woven; Mix & Blend 16. Rags & Waste, Cotton & Textile Material 17. Wool & Fine Animal Hair Spinning

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis	Aggregative Commodities
14	94	Textile Products (continued)	
			18. Threads of Cotton Fibres
			19. Thread of Man-made Fibres
			20. Yarn & Thread, Other Vegetable Fibres
			21. Baler & Binder Twine
			22. Other Cordage, Twine & Rope
			23. Narrow Fabrics
			24. Lace Fabrics, Bobinet, Net
			25. Felt, Carpet Cushion
			26. Carpeting & Fabric Rugs, Mats etc.
			27. Textile Dyeing & Finishing Services
			28. Awnings of Cloth & Plastic
			29. Tents, Hammocks, Sleeping Bags & Sails
			30. Tarpaulins & Other Covers
			31. Textile Containers
			32. Vegetable Textile Fibres, NES
			33. Misc. Textile Material inc. Rugs
			34. Household Textiles, NES
			35. Laces & Textile Products, NES
			36. Fabrics: Knitted & Netted, Elastic
			37. Fabrics, Knitted, NES
15	95	Knitted Products & Clothing	
			1. Knitted Wear
			2. Clothing
			3. Apparell Acc. & Other Misc. Items

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
15	95	Knitted Products & Clothing (continued)	
			4. Furs, Dressed
			5. Fur Plates, Mats & Lining
			6. Fur Apparel
			7. Custom Tailoring
			8. Hosiery
16	96	Sawmill Lumber, Other Wood Products	
			1. Pulpwood Chips
			2. Lumber & Timber
			3. Railway Ties
			4. Wood Taste
			5. Custom Wood Working & Millwork
			6. Veneer & Plywood
			7. Millwork
			8. Wood Fabricated Material for Structure
			9. Prefabricated Buildings, Wood
			10. Containers, Closures & Wood Pallets
			11. Caskets, Coffins, & Other Similar Goods
			12. Misc. Wood
			13. Barrels & Kegs of Wood
			14. Wood End Products, NES
17	97	Furniture & Fixtures	
			1. Household Furniture incl. Camp & Lawn Items
			2. Office Furniture & Visible Record Equipment
			3. Special Purpose Furniture
			4. Misc. Furniture & Fixtures
			5. Portable Lamps, Residential Type

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis	Aggregative Commodities
18	98	Paper & Paper Products	1. Pulp 2. Newsprint Paper 3. Other Paper for Printing 4. Fine Paper 5. Tissue & Sanitary Paper 6. Wrapping Paper 7. Paper Board 8. Building Paper 9. Towels, Napkins & Toilet Paper 10. Vanillin 11. Misc. Industrial Paper Material Waste Products 12. Tiles, Vinyl & Asbestos 13. Paper Cartons, Bags, Cans, Bottles 14. Converted Paper, Gum Wax Print 15. Converted Aluminum Foil 16. Facial Tissues, Sanitary Napkins 17. Paper Container NES 18. Office & Stationary Supplies 19. Paper End Products.
19	99	Printing & Publishing	1. Newspapers, Magazines, Periodicals 2. Books, Pamphlets, Maps, Pictures 3. Banknotes, Bonds, Drafts 4. Other Printed Matter 5. Advertising, Print Media 6. Specialized Publishing Services 7. Printing Plates, Set Type etc.

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
5	100	Metallic Ores & Concentrates	1. Gold Ores 2. Gold & Alloys in Primary Form 3. Radio-active Ores & Concentrates 4. Iron Ores & Concentrates 5. Bauxite & Alumina 6. Metal Ores & Concentrates. NES
6	101	Minerals, Fuels	1. Coal 2. Crude Mineral Oils 3. Natural Gas 4. Other Crude Bituminus Substances
7	102	Non-metallic Minerals	1. Sulphur, Crude & Refined 2. Asbestos, Unmanufactured, Crude & Fibrous 3. Gypsum 4. Salt 5. Peatmoss 6. Clay & Other Crude Refractory Materials 7. Natural Abrasive & Industrial Diamond 8. Crude Mineral, NES 9. Sand & Gravel 10. Stone, Crude
8	103	Service Incidental to Mining	-
20	104	Primary Metal Products	1. Ferro-alloys 2. Iron, Steel Ingots 3. Steel Blooms, Billets & Slabs 4. Steel Casting 5. Steel Plates, Not Fab.

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
20	104	Primary Metal Products (Continued)	
			6. Steel Bars and Rods
			7. Carbon Steel Sheets Not coated
			8. Tinplate
			9. Galvanized Steel Sheet & Strip
			10. Rails & Railway Track Material Steel
			11. Natural & Synthetic Graphite & Carbon Products
			12. Mechanical Steel Tubing
			13. Oil Goods
			14. Pipeline Transportation: Natural Gas & Oil
			15. Steel Pipes & Tubes, NES
			16. Grinding Balls, Ingot Moulds etc.
			17. Cast & Wroght Iron Pipe & Fittings
			18. Nickel in Primary Forms
			19. Copper & Copper Alloys, Primary Forms
			20. Lead, Primary Forms
			21. Zinc & Zinc Alloys, Primary Form
			22. Aluminum & its Alloys, Primary
			23. Tin & Tin Alloys, Primary Forms
			24. Precious Metal & Alloys, Primary Forms
			25. Other Non-ferrous Base Metals
			26. Aluminum Fluoride & Sodium
			27. Inorganic bases & Metallic Oxide, NES

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
20	104	Primary Metal Products (Continued)	
			28. Scrape & Waste Material, NES
			29. Aluminum & its Alloys, Castings
			30. Copper Products: Cast, Rolled & Extruded
			31. Copper Alloy Products: Cast, Rolled & Extruded
			32. Lead & Lead Alloy Products: Cast, Extruded
			33. Nickel & Nickel Alloy Fabricated Material
			34. Tin & Tin Alloy Fabricated Material
			35. Zinc Die Casting & Other Zinc Material
			36. Solders Inc. Block, Rods, Wire etc.
21	105	Metal Fabricated Products	
			1. Fabricated Steel Plates
			2. Tanks
			3. Power Boilers
			4. Boilers, Marine Type
			5. Beams and Other Structural Steel
			6. Scaffolding Equipment
			7. Prefabricated Buildings & Structures
			8. Metal Products, NES
			9. Steel Sheet & Strip Coated or Fabricated
			10. Culvert Pipe, Corrugated Metal
			11. Metal Basic Products & Range Boiler
			12. Metal Pipes, Fittings & Siding

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
21	105	Metal Fabricated Products (Continued)	
			13. Metal Awnings, Ash Cans, Pails, etc.
			14. Kitchen Utensils
			15. Containers & Bottle Caps of Metal
			16. Wire & Wire Rope of Steel
			17. Wire Fencing, Screening, Netting
			18. Chair except Auto, Tire & Power Transmission
			19. Heating Equipment: Hot Water & Steam
			20. Heating Equipment: Warm Air
			21. Unit & Water Tank Heaters: Non-Electical
			22. Fuel Burning Equipment
			23. Commercial Appliance, Cooking etc.
			24. Custom Metal Working
			25. Forgings of Carbon & Alloy Steel
			26. Valves
			27. Pipe Fittings - Not Iron & Steel
			28. Gas & Water Meters
			29. Fire Fighting & Traffic Control Equipment
			30. Taxi & Park Meters, Blocks & Ladders
			31. Firearms & Military Hardware
			32. Collapsible Metal Tubes
			33. Rods, Electrodes & Wires, Welding
			34. Springs for Upholstery & Misc. Vehicles
			35. Bolts, Nuts, Screws etc.

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
21	105	Metal Fabricated Products (Continued)	
			36. Builders Hardware
			37. Fittings, Furniture, Cabinets & Caskets
			38. Basic Hardware, NES
			39. Cutting & Forming Tools
			40. Measuring, Edging & Mechanic's Tools
			41. Scissors, Razor Blades, Industrial Cutlery
25	106	Non-metallic Mineral Products	
			1. Cement
			2. Lime
			3. Concrete, Basic Products
			4. Sand, Lime, Bricks & Blocks
			5. Ready-mix Concrete
			6. Bricks & Tiles, Clay
			7. Insulator & Electrical Fittings, Porcelain
			8. Plumbing Equipment, Vitreous China etc.
			9. Refractories
			10. Natural Stone, Basic Product Structure
			11. Stone, Clay, Concrete End Products, NES
			12. Plasters & Other Gypsum, Basic Products
			13. Mineral Wool & Insulating Material, NES
			14. Asbestos Products
			15. Non-metallic Mineral, Basic Products, NES
			16. Glass, Plate, Sheet, Wool
			17. Glass Containers
			18. Glass Tableware, House-ware, NES
			19. Abrasive Basic Products

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
26	107	Petroleum & Coal Products	
			1. Coal Tar
			2. Aviation Gasoline
			3. Motor Gasoline
			4. Fuel Oil
			5. Lubricating Oils & Greases
			6. Benzene, Toluene & Xylene
			7. Butane, Propane & Other Liquid Petroleum Gas
			8. Naptha
			9. Asphalt & Coal Oils, NES
			10. Petrochemical Feed Stock
			11. Coke
27	108	Chemicals, Chemical Products	
			1. Fertilizers
			2. Plastic Resins & Materials, Not Shaped
			3. Film & Sheet, Cellulose Plastic
			4. Ethanolamines
			5. Ethylene Glycol, Mono
			6. Pharmaceuticals
			7. Paints & Related Products
			8. Vegetable Oil Other than Corn Oil, Refined
			9. Glycerin, Refined
			10. Dentifrices, All Kinds
			11. Soaps, Detergents, Cleaning Products
			12. Industrial Chemical Preparations, NES
			13. Toilet Preparations & Cosmetics
			14. Chlorine
			15. Oxygen

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
27	108	Chemicals, Chemical Products (Continued)	
			16. Phosphorus
			17. Chemical Elements, NES
			18. Sulphuric Acid
			19. Carbon Dioxide (Gas & Dry Ice)
			20. Inorganic Acid & Oxygen
			21. Ammonia, Anhydrous & Aqua
			22. Caustic Soda, Dry
			23. Calcium Chloride
			24. Sodium Chlorate
			25. Aluminum Sulphate
			26. Sodium Phosphate
			27. Sodium Carbonate
			28. Sodium Cyanide
			29. Sodium Silicate
			30. Metallic Salts, Peroxy Salts, NES
			31. Photographic & Inorganic Chemicals
			32. Ethylene
			33. Butylene
			34. Butadiene
			35. Acetylene
			36. Styrene Monomer
			37. Carbon Tetrachloride
			38. Vinylchloride Monomer
			39. Trichloroethylene
			40. Perchloroethylene
			41. Fluorinated Halogen Hydrocarbons
			42. Hydrocarbons & Derivatives
			43. Methyl Alcohol
			44. Propyl & Isopropyl Alcohol
			45. Butyl & Isobutyl Alcohol

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
27	108	Chemicals, Chemical Products (Continued)	
			46. Pentaerythritol
			47. Alcohols & Derivatives
			48. Phenol
			49. Phenol & Derivatives
			50. Ethers, Alcohol Peroxides etc.
			51. Methyl-Ethyl, Aldehyde-Functions, N.
			52. Acetone
			53. Acetic Acid
			54. Acetic Anhydride
			55. Adipic Acid
			56. Citric Acids
			57. Stearic and Organic Acids
			58. Hexamethylenediamine
			59. Sodium Glutamate, Mono
			60. Diacyandiamide
			61. Organo-inorganic Compounds etc.
			62. Organic Chemicals, NES
			63. Titanium Dioxide
			64. Acetylene & Carbon
			65. Pigments & Toners
			66. Iron Oxides
			67. Fertilizer Chemicals
			68. Synthetic Rubber
			69. Antifreeze Compounds
			70. Additives for Mineral Oils, NES
			71. Glycerine, Crude
			72. Rubber & Plastic Compounds
			73. Explosives, Fuses & Caps
			74. Ammunition, Non-military
			75. Ammunition, Military

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
27	108	Chemicals, Chemical Products (Continued)	
			76. Pyrotechnic Articles & Fireworks
			77. Phthalic Anydride
			78. Agricultural Chemicals
			79. Adhesives
			80. Auto Chemicals except Antifreeze
			81. Boiler Chemicals
			82. Compound Catalysts
			83. Metal Working Compounds
			84. Printing & Other Inks
			85. Textile Specialty Chemicals
			86. Polishes, Waxes, Compound etc.
			87. Animal, Vegetable & Other Waxes
			88. Essential Oils, Natural or Synthetic
			89. Tanning Material & Dye Stuff
			90. Fats & Chemical Mixtures
			91. Embalming Chemicals & Preparations
			92. Matches
			93. Crude Vegetable Material & Extracts
			94. Concrete Additives
126	109	Nitorgen Function Compounds	-
23	110	Autos, Trucks, Other Transportation Equipment	
			1. Aircraft, All Types
			2. Aircraft Engines
			3. Specialized Aircraft Equipment
			4. Modifications, Conversion Services
			5. Passenger Autos & Chassis

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
23	110	Autos, Trucks, Other Transportation Equipment (Continued)	6. Trucks, Chassis, Tractors, Commercial 7. Buses & Chassis 8. Military Motor Vehicles & Motor Cycles 9. Mobile Homes 10. Other Trailers & Semi-Trailers, Commercial 11. Bodies & Cabs for Trucks 12. Motor Vehicles, Engines & Parts 13. Auxiliary Electrical Equipment 14. Motor Vehicle Accessories, Parts & Assembly 15. Auto Hardware, except Springs 16. Loco, Cars & Tenders, Railway Services 17. Self-Propelled Cars 18. Parts & Accessories for Railway 19. Ship & Boats: Military & Commercial 20. Sub-Assembly Parts etc. - Ships 21. Ship Repairs 22. Snowmobiles & Misc. Non-Motor Vehicles 23. Pleasure & Sporting Craft
32	111	Transportation & Storage	1. Air Transportation 2. Other Transportation 3. Service Incidental to Transport NES 4. Water Transportation 5. Services Incidental to Water Transportation

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
32	111	Transportation & Storage (Continued)	
			6. Railway Transportation 7. Truck Transportation 8. Bus Transportation, Inter-Urban & Rural 9. Urban Transit 10. Taxicab Transportation 11. Pipeline Transportation 12. Highway & Bridge Maintenance 13. Storage
24	112	Electrical & Communications Productions	
			1. Domestic Equipment, NES 2. Small Electrical Appliance, Domestic 3. Space Heater, Heating Stoves etc. 4. Refrigerators & Freezers, Domestic 5. Gas Ranges & Electrical Stoves, Domestic 6. T.V., Radio, Record Player 7. Telephone & Telegraph Line Apparatus 8. Radio & T.V. Broadcasting, & Trans. Equipment 9. Radio Equipment & Related Devices 10. Electical Tubes & Semi-Conductors etc. 11. Electrical Equipment Components 12. Interior Signal, Alarm & Clock System 13. Pole Line Hardware 14. Welding Machinery & Equipment 15. Engines, Marines, Electrical Turbines

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
24	112	Electrical & Communications Productions (Continued)	
			16. Transformers & Converters except Telephone & Telegraph
			17. Electrical Equipment; Industrial, NES
			18. Batteries
			19. Wire & Cable, Insulated
			20. Aluminum Wire & Cable, Not Insulated
			21. Enclosed Safety Switches etc.
			22. Electrical Light Bulbs & Tubes etc.
			23. Electrical Lighting Fixtures etc.
33	113	Communication Services	
			1. Radio & T.V. Broadcasting
			2. Telephone & Telegraph
			3. Postal Services
34	114	Other Utilities	
			1. Electric Power
			2. Gas Distribution
			3. Water & Other Utilities
28	115	Miscellaneous Manufactured Products	
			1. Aircraft & Nautical Instruments
			2. Labs. & Scientific Apparatus etc.
			3. Misc. Measure & Control Instruments
			4. Medical & Related Instruments
			5. Industrial, Military & Civil Defence Safety Equipment

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
28	115	Miscellaneous Manufactured Products (Continued)	6. Watches, Clocks, Chronometers etc 7. Photo Equipment & Supplies including Film 8. Jewellry,Findings, Metals & Gem Stones 9. Plated Silverware etc. 10. Bicycles, Children's Vehicles & Parts 11. Sport'g, Fish'g & Hunt'g Equipment 12. Toys & Game Sets 13. Fabrics, Impregnated except Rubber Coated 14. Tiling, Rubber, Plastic 15. Advertising Goods 16. Shades & Blinds 17. Fur Dressing & Dyeing Services 18. Custom Work, Misc. 19. Ice 20. Animal Hair, Feathers, Quills etc. 21. Misc. Fabricated Material including Bristles etc. 22. Buttons, Needles, Pins & Misc. Notions 23. Phono Records & Artist's Material 24. Household Ornamental Objects & Art 25. Brooms & Other Cleaning Equipment
30	116	Non-Residential Construction	

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
30	116	Non-Residential Construction (Continued)	1. Non-Residential Const. 2. Road, Highway, Airstrip Const. 3. Gas & Oil Facility Const. 4. Dams & Irrigation Projects 5. Rwy. Telephone, Telegraph Construction 6. Other Eng. Const.
31	117	Repair, Construction	-
13	118	Rubber, Leather & Plastic Fabricated Products	1. Footwear, Rubber & Plastic 2. Tires & Tubes: Passenger Cars 3. Tires & Tubes: Trucks Buses 4. Tires & Tubes, NES 5. Tires, Retreading 6. Reclaimed Rubber 7. Rubber Belts & Coated Fabrics 8. Rubber Sheeting Shoe Stock Etc. 9. Hose & Tubing, Mainly Rubber 10. Rubber Waste & Scrap 11. Rubber End Products, NES 12. Plastic Pipe Fittings & Sheet 13. Plastic Containers & Bottle Caps 14. Prefabricated Buildings & Structures, NES 15. Leather

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
13	118	Rubber, Leather & Plastic Fabricated Products (Continued)	
			16. Footwear except Rubber & Plastic
			17. Leather Gloves & Mittens
			18. Leather Belting, Shoe Stock
			19. Luggage
			20. Leather Handbags
			21. Plastic, Hose, Pail & End Products, NES
35	119	Wholesale Margins	-
36	20	Retail Margins	-
38	121	Other Finance, Insurance, & Real Estate	
			1. Imputed Services, Banks
			2. Other Real Estate (Non-Rent) & Fin. Services
			3. Insurance & W.C.B.
			4. Cash Residential Rent
			5. Other Rent
			6. Government Royalities on Natural Resources
39	122	Business Services	
			1. Services to Business Management
			2. Advertising Services
			3. Rental Data Processing Equipment
			4. Other Services to Businesses & Persons
40	123	Personal & Other Miscellaneous Services	
			1. Repair Services

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
40	123	Personal & Other Miscellaneous Services (Continued)	
			2. Rental of Office Equipment 3. Education Services 4. Hospital Services 5. Health Services 6. Motion Picture Entertainment 7. Other Recreational Services 8. Accomodation Services 9. Laundry, Cleaning & Pressing Services 10. Meals 11. Services & Margins on Alcoholic Beverages 12. Personal Services 13. Photgraphic Services 14. Services to Business Dwellings 15. Rental of Autos & Trucks 16. Trade Association Dues 17. Rental Machinery & Equipment including Construction Machinery 18. Government Goods & Services
41	124	Transportation Margins	-
42	125	Operating, Office, Lab & Food	
			1. Spare Parts & Maintenance Suppl. Machinery & Equipment 2. Office Supplies 3. Cafeteria Supplies 4. Lab Equipment Supplies 5. Purchased Repair Services for Machinery & Equipment

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
43	126	Travel & Advertisement & Promotion	1. Travelling & Entertainment 2. Advertising & Promotion
37	127	Imputed Rent Owner Occupied Dwelling	-
22	128	Machinery & Equipment	1. Tractors, Farm & Garden Type 2. Other Agriculture Machineries 3. Machinery, Power Transportation Equipment 4. Pumps, Compressors, Blowers etc. 5. Conveyers, Escalators, Elevators & Hoist Machineries 6. Industrial Trucks, Tractors, Trailers etc. 7. Fans, Air Circulator 8. Packaging Machinery & Other Misc. Machinery 9. Industrial Furnaces, Kiln & Ovens 10. Machinery, Industrial & Special Purpose 11. Power Driven Hand Tools 12. Metal End Products, NES 13. Refrigeration Air Conditioning Equipment 14. Scales & Balances 15. Vending Machines 16. Office Machinery & Equiment
29	129	Residential Construction	-
66	130	Nursery Stock & Related Material	-

(Continued)

Table 1 (Continued)

Old Code	New Code	Commodity Title (Used in the analysis)	Aggregative Commodities
84	131	Animal Material for Drugs & Perfume	-
85	132	Custom Work, Meat & Food	-
44	133	Non-Competing Imports	1. Cotton Raw & SemiProcessed 2. Natural Rubber & Allied Gums 3. Sugar, Raw 4. Cocoa Beans, Un-Roasted 5. Green Coffee 6. Tropical Fruit
45	134	Unallocated Imports & Exports	-
46	135	Indirect Taxes	1. Commodity Indirect Taxes 2. Subsidies 3. Other Indirect Taxes
47	136	Labour Income	1. Wages & Salaries 2. Supplementary Labour Income
48	137	Net Income, Unincorporated Business	-
49	138	Other Operating Surplus	-

Table 2

Industry Aggregation Scheme

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
1	1	Agriculture	-	001-021
2	2	Forestry	-	031-039
17	3	Slaughtering & Meat Processors	-	1011
18	4	Poultry Processors	-	1012
19	5	Dairy Factories	-	104
20	6	Fish Products Industry	-	102
21	7	Fruit & Vegetable Processors	-	103
22	8	Feed Manufacturers	-	106
23	9	Flour & Breakfast Cereal Industry	-	105
24	10	Biscuit Manufacturers	-	1071
25	11	Bakeries	-	1072
26	12	Confectionery Manufacturers	-	1081
27	13	Sugar Refineries	-	1082
28	14	Vegetable Oil Mills	-	1083
29	15	Miscellaneous Food Industries	-	1089
30	16	Soft Drink Manufacturers	-	1091
31	17	Distilleries	-	1092
32	18	Breweries	-	1093
33	19	Wineries	-	1094
34	20	Leaf Tobacco Processing	-	151
35	21	Tobacco Production Manufacturers	-	153
3	22	Fishing, Hunting & Trapping	-	041-047
4	23	Mines, Quarries & Wells		
			1. Gold Mines	051,052
			2. Uranium Mines	057
			3. Iron Mines	058
			4. Base Metal & Other Metal Mines	053-056, 059
			5. Coal Mines	061
			6. Petroleum & Gas Wells	063-066
			7. Asbestos Mines	071
			8. Salt Mines	077
			9. Other Nonmetallic Mines	079
			10. Gypsum Mines	073

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
4	23	Mines, Quarries & Wells (Continued)		
			11. Services Incidental to Mining	092-099
			12. Quarries & Sand Pits	083,087
5	24	Manufacturing, except Food		
			1. Rubber Footwear Mfg.	1624
			2. Tire & Tube Mfg.	1623
			3. Other Rubber Ind.	1629
			4. Plastic Factories, NES	165
			5. Leather Tanneries	172
			6. Shoe Factories	174
			7. Leather Glove Factories	175
			3. Small Leather Goods Mfg.	179
			9. Cotton Yarn & Cloth Mills	181
			10. Wool, Yarn & Cloth Mills	182
			11. Synthetic Textile Mills	183
			12. Fibre Preparing Mills	1851
			13. Thread Mills	1891
			14. Cordage & Twine Ind.	184
			15. Narrow Fabric Mills	1892
			16. Pressed & Punched Felt Mills	1852
			17. Carpet, Rag & Mat Industry	186
			18. Textile, Dyeing & Finishing	1894
			19. Canvas Products Ind.	1872
			20. Cotton & Jute Bag Ind.	1871
			21. Misc. Testile Ind.	188,1893, 1899
			22. Hosiery Mills	231
			23. Other Knitting Mills	2391-2392
			24. Clothing Ind.	243 -249
			25. Sawmills	251

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
5	24	Manufacturing, except Food (Continued)		
			26. Plywood & Veneer Mills	252
			27. Sash, Door & Plaining Mills	254
			28 Wooden Box Factories	256
			29. Coffin & Casket Ind.	258
			30. Household Furniture Ind.	261
			31. Office Furniture Ind.	264
			32. Other Furniture Ind.	264
			33. Electric Lamp & Shade Ind.	268
			34. Pulp & Paper Ind.	271
			35. Asphalt & Related Products	272
			36. Paper Box & Bag Manufacturers	273
			37. Other Paper Converters	274
			38. Printing & Publishing	286, 288, 291
			39. Engraving, Stereotyping Ind.	287
			40. Iron & Steel Ind.	291
			41. Steel Pipe & Tube Mills	292
			42. Iron Foundries	294
			43. Aluminum Smelting & Refining	295
			44. Other Smelting & Refining	295
			45. Aluminum Rolling & Extruding	296
			46. Copper & Alloy Rolling	297
			47. Metal Casting & Extruding, NES	298
			48. Boiler & Plate Works	301
			49. Fabricated Structural Metal Ind.	302
			50. Ornamental & Arch Metal Ind.	303

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
5	24	Manufacturing, except Food (Continued)		
			51. Metal Stamp Press & Coat Ind.	304
			52. Wire & Wire Products Mfg.	305
			53. Hardware Tool & Cutler Mfg.	306
			54. Heating Equipment Mfg.	307
			55. Machine Shops	308
			56. Misc. Metal Fabricating Ind.	309
			57. Agriculture Implement Ind.	311
			58. Misc. Machinery & Equipment Mfg.	315
			59. Commercial Refrigerators & Air Conditioners Mfg.	316
			60. Office & Store Machine Mfg.	318
			61. Aircraft & Parts Mfg.	321
			62. Motor Vehicle Mfg.	323
			63. Truck Body & Trailer Mfg.	324
			64. Motor Vehicle Parts & Acc. Mfg.	325
			65. Railroad Rolling Stock Ind.	326
			66. Shipbuilding & Repair	327
			67. Misc. Transportation Equipment Ind.	328, 329
			68. Small Electric Appliance Mfg.	331
			69. Major Appliances, Electrical & Non-Electrical	332
			70. Radio & T.V. Receivers Mfg.	334

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
5	24	Manufacturing, except Food (Continued)		
			71. Communication Equipment Mfg.	335
			72. Industrial Electrical Equipment Mfg.	336
			73. Battery Mfg.	3391
			74. Electrical Wire & Cable Mfg.	338
			75. Cement Mfg.	352
			76. Lime Mfg.	358
			77. Concrete Products Mfg.	354
			78. Ready-mix Concrete Mfg.	355
			79. Clay Products Mfg.	351
			80. Refractories Mfg.	3591
			81. Stone Products Mfg.	353
			82. Other Non-metallic Products Ind.	3599
			83. Glass & Glass Products Mfg.	356
			84. Abrasive Mfg.	357
			85. Petroleum Refineries	365
			86. Other Petroleum & Coal Products Ind.	369
			87. Mixed Fertilizer Mfg.	372
			88. Plastic & Synthetic Resin Mfg.	373
			89. Pharmaceutical & Medicine Mfg.	374
			90. Paint & Varnish Mfg.	375
			91. Soap & Cleaning Soap Mfg.	376
			92. Toilet Soap Mfg.	377
			93. Industrial Chemicals Mfg.	378
			94. Other Chemical Ind.	379
			95. Scientific & Professional Equipment Mfg.	391

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
5	24	Manufacturing, except Food (Continued)		
			96. Jewellery & Silverware Mfg.	392
			97. Broom, Brush & Mop Ind.	3991
			98. Sporting Goods & Toy Ind.	393
			99. Linoleum & Coated Fabrics Ind.	3933
			100. Signs & Display Ind.	397
			101. Misc. Mfg. Ins., NES	3992, 3994-3997
			102. Misc. Wood Ind.	259
			103. Misc. Electrical Products Ind.	333, 3399
8	25	Communications		
			1. Radio & T.V. Broadcasting	543
			2. Communication Ind. NES	544, 545
			3. Post Office	548
7	26	Transportation & Storage		
			1. Air Transport	501, 502
			2. Services Incidental to Transportation	517 - 519
			3. Water Transport	504, 505
			4. Railway Transport	503
			5. Truck Transport	506, 507
			6. Bus Transport, Interurban & Rural	508
			7. Urban Transit	509
			8. Taxicab Operations	512
			9. Pipeline Transport	515
			10. Highway & Bridge Maintenance	516
			11. Storage	524. 527

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
9	27	Electrical Power, Gas & Other Utilities		
			1. Electric Power	572
			2. Gas Distribution	574
			3. Water & Other Utilities	576-579
10	28	Wholesale Trade	-	602-629
11	29	Retail Trade	-	631-699
12	30	Finance, Insurance, Real Estate		
			1. Owner Occupied Dwellings	737
			2. Government Royalties on Natural Resources	737
			3. Banks & Credit Unions	7011-7013, 7016-7019
			4. Insurance	721
			5. Other Finance, Insurance, Real Estate	7014, 7015 703, 705, 707, 715, 735, 737
13	31	Community Business, & Personal Services		
			1. Education & Related Services	801-809
			2. Hospitals	821, 822
			3. Health Services	823-827
			4. Motion Picture Theatres	841, 842
			5. Other Services	843-845, 849
			6. Professional Services to Business	861, 863, 864, 866
			7. Advertising Services	862
			8. Laundries & Cleaners	874. 876
			9. Accomodation & Food Services	881-884, 886
			10. Other Personal Services	881, 872, 877, 879
			11. Photography	893
			12. Misc. Repair & Maintenance	896-898
			13. Misc. Service to Business & Personal	851-855 867, 869, 891, 894, 895, 899

(Continued)

Table 2 (Continued)

Old Code	New Code	Industry Title (Used in the analysis)	Aggregative Industries	1970 Standard Industrial Classification (SIC) Number(s)
14	32	Transportation Margins	-	Dummy Industry
6	33	Construction		
			1. Repair Construction	404-421
			2. Residential Construction	404-421
			3. Non-Residential Construction	404-421
			4. Road, Highway, Airstrip Construction	404-421
			5. Gas & Oil Facility Construction	404-421
			6. Dams & Irrigation Project	404-421
			7. Rlwy., Telephone & Telegraph Construction	404-421
			8. Other Engineering Construction	404-421
			9. Other Construction Activities	404-421
15	34	Operating Office, Laboratory, & Food		
			1. Operating Supplies	Dummy Industry
			2. Office Supplies	Dummy Industry
			3. Cafeteria Equipment	Dummy Industry
			4. Laboratory Supplies	Dummy Industry
			5. Machinery Reapir Services	Dummy Industry
16	35	Travel, Advertisement, & Promotion		
			1. Travel & Entertainment	Dummy Industry
			2. Advertisement & Promotion	Dummy Industry

Table 3

Final Demand Aggregation Scheme

Sector Code	Final Demand Category (Used in the analysis)	Aggregative Categories
1	Consumer Expenditure, Durable	1. Furniture Carpets & Floor Covering 2. Durable Household Appliances 3. New & Used Automobiles 4. Auto Repairs & Parts 5. Recreational Sports & Camping Equipment
2	Consumer Expenditure, Semi-Durable	1. Men's & Boys Clothing 2. Women's & Children's Clothing 3. Footwear & Shoe Repair 4. Semi-Durable Furniture & Supplies 5. Books, Magazines & Stationery 6. Jewellery, Watches & Repairs
3	Consumer Expenditure, Non-Durable	1. Food & Non-Alcoholic Beverages 2. Alcoholic Beverages 3. Tobacco 4. Electricity 5. Gas 6. Other Fuels 7. Non-Durable Supplies 8. Drugs and Sundries 9. Gasoline Oil & Grease 10. Toilet Articles, Cosmetics, etc.

(Continued)

Table 3 (Continued)

Sector Code	Final Demand Category (Used in the analysis)	Aggregative Categories
4	Consumer Expenditure, Services	
		1. Gross Imputed Rents
		2. Gross Paid Rents
		3. Other lodging
		4. Laundry & Dry Cleaning Services
		5. Domestic Services
		6. Other Household Services
		7. Medical Care
		8. Hospital Care
		9. Other Medical Care
		10. Other Auto Related Services
		11. Purchased Transportation
		12. Communications
		13. Recreational Services
		14. Education & Cultural Services
		15. Personal Care
		16. Expences in Restaurants, Hotels, etc.
		17. Personal Business
		18. Operating Expenses for Non-Profit Organization
		19. Net Expenditures Abroad
5	Construction, Business	
		1. Agriculture & Fishing
		2. Forestry
		3. Mining, Quarrying & Oil Wells
		4. Food & Beverages
		5. Tobacco & Tobacco Products
		6. Rubber Products
		7. Leather Goods
		8. Textile Products
		9. Clothing & Knitting Mills
		10. Wood Products

(Continued)

Table 3 (Continued)

Sector Code	Final Demand Category (Used in the analysis)	Aggregative Categories
5	Construction, Business (Continued)	
		11. Furniture & Fixtures
		12. Paper & Allied Ind.
		13. Printing, Publishing & Allied Ind.
		14. Primary Metals
		15. Metal Fabricating
		16. Machinery
		17. Transport Equipment
		18. Electrical Products
		19. Non-metallic Mineral Products
		20. Petroleum & Coal Products
		21. Chemicals & Chemical Products
		22. Miscellaneous Manufacturing
		23. Construction Ind.
		24. Electric Power
		25. Gas Distribution
		26. Railway Transport
		27. Urban Transit System
		28. Water Transport & Services
		29. Motor Transport
		30. Grain Elevators
		31. Telephones
		32. Broadcasting
		33. Air Transport & Other Utilities
		34. Wholesale & Retail Trade
		35. Finance, Insurance & Real Estate
		36. Commerical Services
		37. Churches & Universities
		38. Housing
		39 Real Estate Commissions

(Continued)

Table 3 (Continued)

Sector Code	Final Demand Category (Used in the analysis)	Aggregative Categories
6	Construction, Government	-
7	Machinery & Equipment (M&E), Business	
		1. M&E, Agriculture & Fishing
		2. M&E, Forestry
		3. M&E, Mining, Quarrying & Oil Wells
		4. M&E, Food & Beverages
		5. M&E, Tobacco & Tobacco Products
		6. M&E, Rubber Products
		7. M&E, Leather Goods
		8. M&E, Textile Products
		9. M&E, Clothing & Knitting Mills
		10. M&E, Wood Products
		11. M&E, Furnitures & Fixtures
		12. M&E, Paper & Allied Ind.
		13. M&E, Printing, Publishing & Allied Products
		14. M&E, Primary Metals
		15. M&E, Metal Fabricating
		16. M&E, Machinery
		17. M&E, Transport Equipment
		18. M&E, Electrical Products
		19. M&E, Non-metallic Mineral Products
		20. M&E, Petroleum & Coal Products
		21. M&E, Chemicals & Chemical Products
		22. M&E, Misc. Manufacturing
		23. M&E, Construction Ind.
		24. M&E, Electric Power
		25. M&E, Gas Distribution

(Continued)

Table 3 (Continued)

Sector Code	Final Demand Category (Used in the analysis)	Aggregative Categories
7	Machinery & Equipment (M&E) Business (Continued)	
		26. M&E, Railway Transport
		27. M&E, Urban Transit System
		28. M&E, Water Transport & Services
		29. M&E, Motor Transport
		30. M&E, Grain Elevators
		31. M&E, Telephones
		32. M&E, Broadcasting
		33. M&E, Air Transport & Other Utilities
		34. M&E, Wholesale & Retail Trade
		35. M&E, Finances, Insurance, & Real Estate
		36. M&E, Commercial Services
		37. M&E, Churches & Universities
		38. M&E, Used Cars, Equipment & Scrap
8	Machinery & Equipment Government	
		1. M&E, Government Sector
9	Inventories	
		1. Finished Goods & Goods in Process
		2. Raw Materials & Goods Purchased for re-sale
10	Domestic Exports	-
11	Re-exports	-
12	Imports	-
13	Government Current Expenditures, Gross	
		1. Hospital Expenditure
		2. Education Expenditure
		3. Defence Expenduture
		4. Other Municipal Government Expenditure
		5. Other Provincial Government Expenditures

(Continued)

Table 3 (Continued)

Sector Code	Final Demand Category (Used in the analysis)	Aggregative Categories
13	Government Current Expenditures Gross (Continued)	
		6. Other Federal Government, Expenditures
14	Government Revenue from Sale of Goods & Services	
		1. Hospital Revenue 2. Education Revenue 3. Defence Revenue 4. Other Municipal Government Revenue 5. Other Provincial Government Revenue
		6. Other Federal Government Revenue

APPENDIX C

In this appendix the complete data base is included. The data base is given in old industry and commodity codes. The data are depicted in three matrices called Make, Use and Final Demand. The matrix: Make is nothing but the already discussed output matrix V. As the name suggests, the Use matrix is a matrix of all industry inputs. In other words, it includes both commodity and primary inputs. The Make matrix has 35 industries and 132 commodities. The Use matrix has 138 commodities including unallocated imports and exports, and non-competing imports and 4 primary inputs. The final demand matrix, like the Use matrix, has 138 inputs to 14 sectors.

The data are structured as Make, Use and Final Demand for 1961, 1966 and 1971 in current prices. In the Make matrix, the first value refers to an industry number, the second value refers to a commodity number and the third value refers to value terms in dollars. The fourth value refers to a commodity number, the fifth value refers to value terms in dollars etc. until the row is exhausted. In other words, the Make matrix of 1961 depicted in Table 1 should be interpreted as follows:

In 1961, industry number 1 produced $41,978; $706; $633,240; $9,918 worth of commodity 3, 38, 50 and 51 respectively. The second row in this Table similarly suggests that industry 1 produced $377,083 worth of commodity 56 and $33,186 worth of commodity 57 etc.

The Use matrix for 1961 depicted in Table 2 suggests that industry 1 used $9,681; $560; $4,044; $6,816 worth of commodity 3, 6, 7, 13 etc. respectively as its input.

The final demand matrix could be read as follows. The first value refers to the category of final demand, the second to the commodity number, the third to the value of input, the fourth to the commodity number, the fifth to the value of input etc. The final demand matrix depicted in Table 6 suggests that the inputs to the first category of final demand were as follows: $61,780 worth of commodity 13; $46,333 worth of commodity 14; $10,300 worth of commodity 16 etc. The categories of final demand were not re-organized and are depicted in Appendix B.

The above explanation may appear to be somewhat confusing at first. However, there are three matrices of dimension 35 x 132, Three of dimension 138 x 35 and three of dimension 138 x 14. However, in the space available, this particular arrangement of data was chosen.

Table 1

Data Base in Current Dollars

```
//LIST   JOB   (AG706-E511,,,,,,2),P06806219511LATTIMOR,TYPRUN=COPY          JOB 572
         MAKE - 1961
  1  3    41978 38      706 50   633240 51     9918 52   304460 53   151744 54     948
  1 56   377083 57    33186 58   528510 59   154837 60     5800 61      798 62    6438
  1 63   181854 64     3722 65    11541 66    23020 67    66674 68      758 69   10438
  1 70    18610 71     2489 72    66002 73    30331 83     1505 86     6124 90      24
 1128    10432
  2  3   770367 16      500 32    10000 34      274 35     7183 38      246 40    1879
  2 72     1000
  3  4   123138 40      450
  4  5  1065006  6   645919  7   276172  8   190863 16        7 20      937 22    1531
  4 25     2114 26     8686 27       91 34      695 35      133 38    25543 40     688
  5  3     3322  5   128320  6      202  7     9499 13   688228 14   357146 15  102412
  5 16  1045734 17   349813 18  2250856 19   845492 20  2322642 21  1474167 22   73755
  5 23  1792779 24  1187681 25   668425 26  1248236 27  1422019 28   536525 32      50
  5 34    11712 35   332430 38    43819 39    66003 40   115062 60       34 78      46
  5 79    15141 81      183 82       26 83      555 95        4 96    1248105      15
 5107       21120       13126     4326134     3795
  6 29  1497000 30  4049260 31  1490089 38    20324 40    27500
  7 23    10000 32  3439323 34     2468 35     4376 36     1348 38     7630 39     150
  7 40    39906
  8 24    37854 33  1028643 38      421 39    29273 40     3005
  9  3      500 26     6217 34  1009063 36     5824 38      751 40    10400
 10 13     2587 14     3464 15      636 16     1855 17     1816 18     3867 19      52
 10 21     4373 23      107 24      352 25     1220 27      108 28     9743 35  230716
 10 38    15080 40   163787 88     2616 89     2000 90     1[illegible]00 91     1206 96      29
 10 97       18 98     401100      513108      466109     1617115     2279116      37
 11 14    30754 15    10210 32     8443 36  3483990 38    29642 40   495699 72     200
 11 73   178822 83     4384 86    69123131     5000
 12 37  2471700 38  4291073 40    22400
 13 36    40487 38    42302 39   753638 40  3419742
 14 41  1688437
 15 41   434111 42  2164852
 16 43  1409287
 17 13     2545 22      158 27     9153 28       98 35     8835 38      450 40      28
 17 73   644721 74     3090 75   148838 76   142904 77    29517 78    33094 79    3876
 17 80    10539 81     5297 82     6400 83    19885 84      604 85     4747 86    2058
 17 87       83 91     1835 96      132100      181102      915103      176105      35
17107      417110     3139112        3129      791134     1944
 18 22      180 28      221 35     2628 38       23 40      225 53       18 62       1
 18 73      341 77      161 78        3 85     1135 86   131022 87     4461 89       1
 18 90       35 94      278 96      112103      277
 19 22      519 27       14 35    20457 38      962 40     1106 60       48 85      62
 19 88   315926 89    62412 90   231839 91    72727 92    42639 93    60899 94    8614
 19 95    10339 98     2322103      309105     2041120     1912134     3414
 20  7      210 22      160 28       29 32      208 34        2 35     3710 38      14
 20 40      200 62      236 85     1825 96   180828100        8
 21 22       93 27       80 35     4735 38      188 40      259 67        2 76       1
 21 77     5855 85      272 86     1542 87      106 94       62 95     1884 97    1767
 21 98    56654 99    16608100    93254101    45730102   22840103    35848104     543
21105    20476108       24112       85116      113118       33120       38123      45
21129      440130     1355133       10134     3230135       24
 22 21      482 22       68 27      957 35    10442 38      166 40      761 56       3
 22 57       31 64      217 67       10 77       12 78      274 81      765 82      44
 22 83        6 85     3053 99      411106    45335107  192069108    24181109     387
22110    16421111      886112      353113       26127       45134     1019139      15
 23 22      114 35     2240 38      335 40       67 57       59 73       88 85       5
 23 99       21106      735107     6080108    29017110      397111   167888112    1257
23113    35920127       58129     7261134      122
 24 18      162 22       25 35      670 38      446 40      153105      134114    8160
24115       23116     3874117       41118      524120      799133      154134      8
```

Table 2

25 22	26 35	7070 38	274 40	211 85	1385 93	35 96	10
25100	74114	1361115	238870116	123467119	76120	29	
26 18	81 19	58 22	60 27	499 28	9 35	1700 38	74
26 40	93 85	148 93	4015 95	246 97	57 98	102114	15
26115	506116	876117	11075118	9679119	64078120	45344129	48
26130	2133	39134	3827				
27 35	31 38	331 40	6121	2017122	117178123	12398	
28 27	8704 35	193 38	6 40	9 85	236112	30124	30906
28125	23590126	210					
29 7	697 18	386 22	1039 27	5023 35	10066 38	466 40	346
29 57	289 60	103 61	11 63	123 67	158 75	37 76	69
29 77	376 79	32026 85	707 90	54 91	133 93	973 94	3067
29 95	6441 97	3544 98	5462 99	489100	237101	25103	2254
29105	972108	61110	1929112	1835113	1656114	2210117	295
29118	1596119	24120	1894123	1819125	7127	43297128	11635
29129	13666130	11833131	83398132	50886133	28481134	106349135	2432
29136	4139	404					
30 22	79 27	35 34	26 35	1581 38	197 40	309 85	276
30105	354114	247134	19135	20816136	151448		
31 22	19 27	545 35	207 38	77 40	31 85	376134	2
31137	168631138	4147139	2725				
32 18	1117 22	38 27	400 35	855 38	700 40	103134	198
32136	609139	1468140	252712				
33 35	488 38	122 40	13 85	7 97	228137	57138	52
33141	17578						
34 22	16 35	103 40	39 85	1632142	101919		
35 22	63 35	1772 38	29 40	62143	176535144	52822	
USE - 1961							
1 3	9681 6	560 7	4044 13	6816 14	14380 16	3500 18	2781
1 21	5989 22	34439 23	800 25	104 26	150730 27	97454 31	45800
1 32	10976 33	10726 34	24243 35	89187 36	19642 38	96683 39	3369
1 40	5247 41	47150 42	131040 43	123 46	74849 47	241708 48	846729
1 49	467611 50	26959 53	2325 56	13881 57	19607 64	1225 65	7168
1 66	2511 67	1689 72	63344 82	104106	28515107	184049108	36739
1109	2526110	802121	668124	5348			
2 3	90000 6	108 14	1928 16	311 21	5275 22	3627 23	1500
2 25	95 26	18725 27	1035 31	18000 32	29624 33	2470 34	1530
2 35	7144 36	1055 38	62251 39	3591 40	30452 41	4053 42	88460
2 43	5252 46	29255 47	285356 48	31725 49	77949 64	1591107	6007
3 4	2777 6	13 7	402 14	4157 16	1399 21	374 22	1439
3 23	8399 24	2887 25	154 26	5037 27	309 28	976 31	500
3 32	1651 33	200 34	66 35	2317 36	682 38	1690 39	186
3 40	1000 41	1081 42	333 46	1288 47	26564 48	32907 49	24800
4 6	3327 7	6830 8	53581 14	2177 16	1138 18	6345 19	25
4 20	13173 21	1857 22	29293 23	1153 24	1968 25	2372 26	25651
4 27	41296 31	26000 32	20139 33	5892 34	44000 35	20691 36	2898
4 38	164339 39	44620 40	9683 41	18455 42	127039 43	13984 46	22843
4 47	556444 48	6300 49	964625112	229			
5 3	635419 4	13749 5	766127 6	843076 7	95132 13	223520 14	821736
5 15	59505 16	272004 17	14946 18	633157 19	68115 20	1212229 21	539772
5 22	121860 23	573509 24	311734 25	191305 26	188573 27	712076 28	117383
5 31	108600 32	144762 33	102226 34	238660 35	408452 36	24683 38	295729
5 39	134697 40	61019 41	476136 42	495149 43	434402 44	70832 46	202551
5 47	5121969 48	68583 49	2290459 54	438 60	358 64	216 67	39
5 70	10117 71	5174 78	3968 81	458 82	54 83	25576 84	1005
5 94	811 96	1076 97	7108	31110	30111	298112	529
5117	44122	126123	400124	17125	22927126	10572127	67
5128	149134	7034138	2220139	669141	7		
6 3	15442 7	55512 8	53257 13	47913 14	17038 16	383991 17	11731
6 18	76527 20	372002 21	781644 22	117396 23	11261 24	262353 25	457691
6 26	116529 27	68708 28	68538 31	4000 32	43298 33	7681 34	3447

Table 3

6 35	379162 36	103564 38	87112 39	128848 40	108803 41	185429 42	144472
6 43	30835 46	183469 47	2175414 48	261041 49	312888 65	319 66	6385
6138	473						
7 6	5094 7	1135 13	21986 14	4914 16	7 17	327 18	1846
7 19	2268 20	5992 21	3332 22	884 23	73026 24	6319 25	1538
7 26	141336 27	3638 28	2206 31	166962 32	245692 33	41281 34	16990
7 35	70570 36	25003 38	82680 39	16545 40	54133 41	35280 42	123007
7 43	36256 46	61885 47	1431749 48	94000 49	727265 64	685107	720
8 6	13 14	1005 19	8798 22	20 24	25672 26	2030 27	150
8 28	524 31	35732 32	63762 33	28865 34	2503 35	1830 36	3933
8 38	21455 39	5373 40	27466 41	9127 42	23121 43	9151 46	-33171
8 47	515617 49	346220					
9 6	8518 19	407 26	5392 31	56498 32	1510 33	4017 34	15604
9 35	2346 36	595 38	36210 39	5407 40	4642 41	2834 42	12334
9 43	5890 46	26989 47	224518 49	619044			
10 6	951 13	2936 14	6042 16	7615 18	22145 19	4476 20	2122
10 21	13422 24	116 25	888 26	32805 27	2407 28	918 31	5200
10 32	89930 33	53226 34	17272 35	32869 36	6504 38	137983 39	38563
10 40	27311 41	44556 42	87121 43	164012 46	-1527 47	1120804 48	157000
10 49	444499 57	356 58	1858 62	199 63	140 79	153 89	2092
10 90	431 91	82 94	194 96	128108	124111	534122	313
10124	532134	162					
11 6	5484 13	4107 14	23884 15	18021 16	4532 18	58541 19	4265
11 21	10903 25	792 26	25172 27	3852 28	3786 31	28600 32	43777
11 33	104345 34	71081 35	22790 36	7694 38	309962 39	29858 40	25575
11 41	65701 42	180479 43	135528 44	4226 46	116712 47	1723642 48	493000
11 49	574682 50	114057 51	1774 52	42598 53	52539 80	468 85	5640
12 6	2203 19	9428 26	7753 31	557972 32	2809 33	73875 34	23421
12 35	2781 36	1425 38	434403 39	76270 40	21843 41	72191 42	94657
12 43	118443 46	1123829 47	1025838 48	1133960 49	2002072		
13 4	6848 5	395 6	677 7	300 13	4249 14	32314 15	989
13 16	11720 17	585 18	18922 19	3542 20	1935 21	2773 22	40
13 24	362 25	3584 26	23348 27	49142 28	33727 31	14925 32	10845
13 33	68596 34	22733 35	47812 36	16019 38	200707 39	61113 40	101787
13 41	67485 42	156307 43	96801 44	12055 46	102997 47	1263715 48	989513
13 49	400720 59	9072 60	286 62	11269 63	23070 64	32 65	162
13 66	1488 73	96779 75	25469 76	24017 77	6269 78	1019 79	6542
13 85	1383 86	38585 87	1004 88	18759 89	3052 90	13020 91	4068
13 92	2305 93	4069 94	4428 95	1226 96	22764 97	5600 98	8394
13 99	1474100	9897101	2456103	2523104	292105	1456107	47
13110	45111	2350112	691113	1782114	5351115	23280116	12645
13117	447118	610122	3611123	754127	827128	64129	817
13130	755131	5011132	3264134	4162135	3006136	6839	
14 32	1688437						
15 4	908 7	206 13	93738 14	13797 15	6453 16	1031 18	116618
15 19	222573 20	5580 21	184510 22	274956 23	131890 24	108668 25	12743
15 26	4263 27	157403 28	93595 35	277054 36	138288 40	322694 41	83878
15 44	2108 45	48100 46	141643 54	923 59	6427 60	173 62	5714
15 63	8512 66	953 73	22139 75	7046 76	6452 77	1474 78	443
15 79	2480 86	6460 87	155 88	9241 89	1805 90	7209 91	2194
15 92	1326 93	2423 94	2761 95	865 96	2170 97	1795 98	4149
15 99	507100	3097101	1513103	1894104	315105	1582111	1824
15112	315113	803114	2814115	8221116	4655117	278118	228
15122	2915123	569126	2215128	66129	701130	442131	3430
15132	2051134	2962135	1197136	6249138	84		
16 13	5415 18	739 19	388408 23	9957 24	1483 25	1221 26	25289
16 27	1264 28	26286 32	185296 33	88357 35	23543 36	24962 39	133668
16 40	320137 41	9229 45	64200 46	81170137	8792140	8880141	991
17 3	14 6	1004 7	946 13	633 14	1305 16	624 18	18394
17 21	5626 25	176 26	1851 27	4631 28	43 31	2290 32	2640
17 33	3427 34	4012 35	18274 36	949 38	2809 39	3131 40	1742

Table 4

17 41	16789 42	15145 43	10869 44	243 46	5385 47	138533 48	1338
17 49	28413 50	373056 51	8772 52	247709 53	4828 54	2003 62	35
17 63	848 64	252 73	164537 76	227 78	8348 80	8376 81	1995
17 82	249 83	56 85	971 88	24 91	995 94	196 96	2963
17 99	45100	61103	5106	43107	315111	521112	40
17114	6122	426123	110125	17281126	267127	78130	11
17134	3594						
18 3	6 6	42 7	4 13	201 14	46 16	979 18	3517
18 21	487 25	35 26	586 27	333 28	261 31	385 32	913
18 33	418 34	604 35	2900 36	115 38	529 39	85 40	304
18 41	2624 42	2542 43	828 46	360 47	14284 48	1029 49	3972
18 53	74486 62	10 63	1 73	201 85	355 86	27339 89	39
18 91	50 94	37 99	1103	14111	2134	220	
19 3	93 6	1354 7	170 13	1104 14	210 16	1305 18	22924
19 20	6 21	10902 25	3511 26	10430 27	4376 28	9 31	2596
19 32	2689 33	2315 34	5090 35	8067 36	871 38	8506 39	2982
19 40	6456 41	13831 42	18113 43	16618 46	6442 47	133105 48	5849
19 49	50528 58	495919 59	166 60	10 61	46 62	709 81	8
19 85	780 88	12732 89	13126 90	12770 91	11094 92	2154 93	50
19 94	13198 97	2197 98	1103	233104	113105	22112	111
19114	264116	33117	376118	617119	117120	6122	3513
19123	157126	282128	472134	4708135	218		
20 3	39 4	81120 6	120 7	312 14	125 16	1301 18	3459
20 20	1130 21	5787 25	149 26	1366 27	855 28	89 31	1084
20 32	3597 33	861 34	1100 35	1657 36	175 38	2315 39	1157
20 40	758 41	3679 42	5853 43	2293 46	1143 47	35814 48	369
20 49	17889 62	449 63	147 85	2798 95	3 96	8184100	39
20104	52115	143134	147				
21 3	1 6	1081 7	291 13	172 14	29 16	49 18	16104
21 21	47565 25	9095 26	1426 27	3848 31	993 32	1943 33	1186
21 34	1492 35	9301 36	484 38	4357 39	2107 40	2054 41	9123
21 42	5396 43	17488 44	159 46	2787 47	58996 48	545 49	38504
21 57	247 59	199 61	32 62	17667 63	32800 67	483 73	6430
21 76	178 78	96 79	148 85	721 86	5864 88	382 89	381
21 90	273 91	487 94	146 96	31 97	7770 98	495 99	7093
21100	2245103	169104	506108	41111	1112	258114	10
21116	7117	99118	13120	6122	10051123	57127	303
21128	369134	2592135	65137	1138	11141	16	
22 3	3 4	559 6	122 7	1012 14	4154 16	7 18	2935
22 20	654 21	3292 25	1 26	1368 27	6262 31	641 32	12419
22 33	934 34	2300 35	10303 36	293 38	2674 39	683 40	389
22 41	17378 42	4431 43	4047 46	-4905 47	32704 48	3451 49	26663
22 55	1 56	20136 57	48914 63	21 64	1214 65	133 67	412
22 73	1414 74	1141 78	2572 79	11 81	3622 82	5950 85	219
22 94	1398 96	3815 99	373106	15927107	3027108	12703109	3409
22111	503112	71114	5121	.1252122	192123	2223124	27571
22126	145127	142134	7381139	1827			
23 6	218 7	45 13	105 14	6666 16	62 18	11535 21	524
23 26	404 27	1003 28	141 31	475 32	10896 33	894 34	1580
23 35	4776 36	105 38	1618 39	913 40	363 41	19348 42	2773
23 43	14110 46	1536 47	28282 48	248 49	22322 55	1710 56	116767
23 57	6336 60	11 63	16 67	5 78	96 79	293 82	206
23 85	7 94	64 96	84 97	57106	771107	78108	319
23109	450111	328112	570113	159117	62121	5122	1426
23123	57124	720127	236128	192134	780139	286	
24 6	121 7	29 13	300 14	17 16	20 18	10572 19	49
24 21	223 25	5 26	298 27	3684 31	203 32	249 33	253
24 34	527 35	2035 36	164 38	1680 39	315 40	217 41	2101
24 42	2012 43	4386 46	1190 47	25119 48	127 49	8919 57	13
24 59	3 60	42 61	112 62	49 63	28 67	144 78	1364
24 79	3525 85	54 90	307 91	241 92	183 94	183 97	586

Table 5

24 98	202111	6505112	289114	56115	155117	2574118	91
24120	7122	4253123	134126	21127	22128	621134	2114
25 3	11 6	447 7	326 13	1821 14	27 16	4 18	17406
25 21	12 25	1 26	5547 27	8464 31	1117 32	837 33	1226
25 34	2726 35	8494 36	952 38	7557 39	5231 40	2426 41	9530
25 42	8791 43	11769 46	3738 47	111437 48	12716 49	34497 59	1238
25 60	272 61	161 62	163 63	70 67	81 73	825 77	143
25 78	4353 79	8119 85	156 86	620 88	183 89	464 90	897
25 91	340 92	415 93	243 94	2194 95	154 96	150 97	6153
25 98	2502 99	200100	207103	334104	43111	55939112	230
25114	49115	33117	886118	900120	494122	9287123	267
25126	76127	734128	240129	4495134	11468		
26 6	222 7	9 13	633 14	29 16	11 18	12399 19	80
26 20	9 21	834 25	81 26	351 27	3407 28	202 31	480
26 32	512 33	562 34	816 35	3230 36	205 38	2636 39	1452
26 40	457 41	3398 42	3008 43	10279 44	8216 46	1351 47	35238
26 48	462 49	13126 57	108 59	8 60	5 61	1041 62	17
26 63	7 67	3891 78	30 79	152 85	10 89	198 90	381
26 92	23 94	3291 97	620 98	208111	331112	257113	41
26114	164117	10558118	3005119	193120	279122	9035123	51
26125	273126	57127	7128	2898134	1797		
27 6	527 7	323 13	47 14	1005 18	4356 21	189 25	46
27 26	834 27	512 31	443 32	456 33	247 34	624 35	2938
27 36	75 38	1441 39	156 40	208 41	2052 42	1172 43	568
27 44	60925 46	1068 47	14759 49	23513 63	13304112	157127	16
28 6	131 14	760 18	18 20	3 21	121 26	178 27	246
28 31	69 32	90 33	80 34	357 35	510 36	15 38	223
28 39	50 40	29 41	1607 42	496 43	550 46	576 47	2852
28 49	2826 67	51756 85	95125	78126	139134	29	
29 6	712 7	287 13	839 14	672 16	176 18	25106 20	251
29 21	6997 25	4455 26	1554 27	17858 28	43 31	931 32	5922
29 33	1415 34	2107 35	9775 36	489 38	5419 39	2942 40	1041
29 41	12992 42	6085 43	37776 44	53477 46	3471 47	62440 48	363
29 49	48923 55	5074 56	37 57	24710 59	1544 60	61 61	387
29 62	567 63	4421 67	3343 68	15 73	27 75	9 76	38
29 78	2795 79	3133 82	204 84	101 85	850 86	718 88	1833
29 89	55 90	62 91	167 94	1518 96	539 97	1804 98	119
29 99	1000100	74103	88104	148110	117111	8791112	1235
29114	47117	1353119	199120	8122	6735123	974124	188
29125	6039126	50127	4928128	2410130	274131	46132	27890
29134	9570138	288139	183				
30 6	119 16	4 18	1538 19	919 20	1 21	6395 22	5
30 25	400 26	2494 27	3327 31	661 32	265 33	722 34	853
30 35	2455 36	304 38	3968 39	1055 40	296 41	2570 42	3014
30 43	18395 46	2888 47	52151 48	1847 49	34724 85	209 97	26
30122	14058134	937135	18724137	63			
31 6	570 16	1721 18	3667 19	1610 21	3211 25	8511 26	473
31 27	704 31	517 32	309 33	289 34	866 35	2913 36	171
31 38	1700 39	5293 40	319 41	4334 42	3885 43	13753 46	10318
31 47	26060 49	67538 56	1 57	7147 85	577 97	219122	48
31123	716127	2238134	149137	5948138	957141	28	
32 6	341 7	23 16	951 18	16880 19	2805 21	5023 25	6757
32 26	897 27	1539 31	1158 32	1820 33	845 34	2100 35	2835
32 36	136 38	3186 39	7147 40	1126 41	1943 42	4671 43	28701
32 46	6624 47	55731 49	79649 57	102 68	2184112	2413122	62
32127	19933128	37135	40140	541			
33 6	28 16	55 18	515 19	265 25	1500 26	58 27	43
33 28	13 31	57 32	32 33	39 34	68 35	707 36	14
33 38	158 39	34 40	44 41	324 42	278 43	1399 44	735
33 46	783 47	3370 48	42 49	4009 60	2 62	2821 85	26
33 97	238122	177134	10137	135141	566		

Table .6

34 6	70 14	2 16	905 18	55 26	86 27	2 31	159	
34 32	228 33	49 34	116 35	160 36	9 38	823 39	66	
34 40	27 41	1794 42	581 43	287 46	743 47	5513 49	11282	
34 69	79798 85	954						
35 6	13 13	2608 16	90 18	23137 19	910 21	1110 26	197	
35 31	1141 32	295 33	536 34	520 35	792 36	51 38	3999	
35 39	2093 40	299 41	1307 42	2388 43	17634 46	1544 47	40681	
35 48	31 49	40275 60	217 69	12515 85	676122	66123	451	
35142	75454144	253						
FINAL DEMAND - 1961								
1 13	61780 14	46333 16	10300 17	242985 21	12918 22	13134 23	869299	
1 24	379122 27	6172 28	188061 35	181991 36	689945 40	277039 41	67359	
1 46	306068							
2 7	1848 13	303069 14	184919 15	982102 16	10502 17	10997 18	15004	
2 19	233752 20	3072 21	64830 22	12463 24	53507 25	52326 26	1161	
2 27	51432 28	118604 35	137529 36	1002488 40	50909 41	98838 46	272878	
2 54	7292							
3 3	34421 6	48735 7	30 13	11149 14	27685 16	277 18	82889	
3 21	7160 26	518723 27	292836 28	17464 32	24982 34	437761 35	250729	
3 36	705545 41	63650 46	1275315 65	2509 66	19793137	101360138	18	
3140	230972141	24423143	173865144	51418				
4 6	211 19	1506 26	1471 27	26 28	5787 31	15700 32	473963	
4 33	348410 34	107604 35	876 36	1921 37	2471700 38	2191701 39	125690	
4 40	3018321 41	8312 42	34337 43	15217 45	135100 46	56857 47	593569	
4 49	37268 72	3517						
5 8	84025 29	1485000 30	2490259 38	341000				
6 29	9000 30	1479000						
7 13	3152 14	4737 16	4243 17	70281 19	2070 20	-45531 21	50085	
7 22	833514 23	391653 24	374175 25	10867 28	54802 35	281706 36	73474	
7 41	75012 46	132297						
8 13	873 14	314 16	78 17	16887 21	5463 22	28490 23	54500	
8 24	10988 25	77 28	34540 35	11373 36	5630 41	4723 46	12524	
9 3	2116 4	211 5	40147 6	6693 7	10642 13	8385 14	1853	
9 15	47892 16	8039 17	13616 18	8321 19	3303 20	-233 21	3708	
9 22	10760 23	36369 24	30451 25	15728 26	21688 27	20576 28	17119	
9 44	2051 50	27240 51	-117 52	-72 53	5063 54	-487 55	110	
9 56	-319901 57	-85312 58	2296 59	-240 60	22 61	22 62	1534	
9 63	6065 64	-547 65	46 66	147 67	-17882 68	-35 69	12074	
9 70	384 71	160 73	10966 74	11 75	2242 76	2349 77	473	
9 78	214 79	749 80	45 81	31 82	38 83	-3021 84	41	
9 86	3183 87	45 88	10874 89	417 90	6323 91	1458 92	426	
9 93	653 94	2213 95	-21 96	2013 97	1711 98	3521 99	926	
9100	4557101	1820102	908103	1643104	289105	1065106	-162	
9107	-483108	-3109	17110	69111	1327112	-110113	82	
9114	1594115	1848116	1065117	328118	464119	2299120	2213	
9121	-27122	57123	112124	511125	662126	122127	-4086	
9128	375129	489130	215131	1216132	1007133	381134	3552	
9135	13136	1524137	19506138	162139	18140	8952141	1717	
9142	3138143	4588144	3642					
10 3	42594 4	31731 5	515807 6	191705 7	152531 13	28788 14	42969	
10 15	8982 16	390207 17	2296 18	1130036 19	6894 20	984321 21	38235	
10 22	146966 23	160276 24	75508 25	38981 26	14007 27	205154 28	36305	
10 32	350761 33	20721 34	14747 35	126294 38	35700 39	39000 40	700	
10 41	324726 45	748433 46	1100 50	61013 51	60 52	1509 53	1385	
10 54	2457 56	546534 57	45024 59	2280 60	600 61	106 62	9552	
10 63	7377 64	1428 65	7877 66	741 67	66715 68	136 70	13352	
10 71	1283 73	26659 74	1405 75	6875 76	2122 77	4130 78	7000	
10 79	6 80	5452 81	401 82	527 83	15800 84	55 86	110	
10 87	42 90	6 91	6341 92	654 93	6 94	16956 95	208	
10 96	113347 97	1219 98	1531 99	2197100	2251101	789102	249	

Table 7

10103	525104	26105	58106	236107	2926108	2620109	145
10110	1216111	59430112	1502113	878114	2241115	785116	537
10117	18118	124119	413120	254121	119122	765123	135
10124	11412125	3100126	3753127	10070128	5879129	21130	178
10131	1270132	24133	473134	6764135	68136	5137	81763
10138	294139	2351140	4185141	17142	27704143	388144	19
11 3	1048 4	891 5	22 6	2 7	3302 13	1586 14	3355
11 15	879 16	662 17	168 18	899 19	2388 20	12050 21	6044
11 22	24507 23	38627 24	7784 25	853 26	257 27	3487 28	9281
11 34	4 35	6373 41	4381 44	533 50	18 53	1 54	62
11 55	1 57	24 59	23 60	31 61	35 62	178 63	98
11 64	2 65	50 66	2 67	11 68	7 70	162 71	327
11 73	109 75	32 76	25 77	57 78	7 79	1 80	1404
11 81	14 82	2 83	39 84	6 86	107 87	2 91	18
11 94	15 95	1 96	384 97	319 98	7 99	93100	108
11101	2102	10103	2105	15108	2112	4113	7
11114	15116	11117	5118	35119	13120	30123	92
11124	2125	31126	1128	31129	3130	1131	87
11132	1130133	13134	211135	8136	1137	199138	1
11141	9142	7144	5				
12 3	-14717 4	-18017 5	-129172 6	-490129 7	-64998 13	-144643 14	-390124
12 15	-94893 16	-71724 17	-35190 18	-112920 19	-133722 20	-255368 21	-377578
12 22	-905355 23	-852577 24	-453796 25	-154283 26	-158061 27	-400655 28	-339851
12 32	-80000 33	-5089 34	-1436 35	-6000 38	-104372 39	-149331 40	-7000
12 44	-301512 45	-995833 46	515000 50	-1447 51	-885 53	-3056 54	-3205
12 55	-6896 57	-33657 59	-4123 60	-475 61	-2632 62	-45483 63	-74296
12 64	-2159 65	-6672 66	-10848 67	-44757 68	-1549 70	-5405 71	-4455
12 73	-26687 75	-8153 76	-1765 77	-8474 78	-5143 79	-1223 80	-5206
12 81	-284 82	-465 83	-12115 84	-604 86	-5825 87	-123 88	-10
12 89	-10 91	-8635 92	-97 93	-291 94	-2689 95	-323 96	-19715
12 97	-59056 98	-23552 99	-8190100	-9966101	-938102	-38103	-4521
12104	-134105	-3457106	-202107	-412108	-36109	-1377110	-490
12111	-25112	-4567113	-636114	-9836115	-423116	-1541117	-9957
12118	-9616119	-5827120	-2013122	-1299123	-5080124	-15395125	-26794
12126	-13164127	-101128	-68129	-1116130	-234131	-7788132	-26157
12133	-969134	-25412135	-4343136	-393137	-49079138	-309139	-587
12140	-818141	-10196142	-4384143	-2306144	-2515		
13 6	11638 7	13096 13	105 14	10922 15	5288 17	2000 19	13450
13 20	10181 21	20441 22	7091 23	293249 24	26586 26	61004 27	63997
13 28	55558 29	3000 30	80001 31	390200 32	74826 33	56930 34	78128
13 35	37794 36	12173 38	77049 39	121555 40	134688 41	121034 42	376362
13 43	131643 46	41154 47	3825700 49	531000 66	1879 72	2845	
14 3	-4 4	-233 13	-27 14	-18 15	-248 19	-2509 21	-433
14 23	-5 26	-146 28	-64 32	-14678 33	-384 34	-121976 36	-84
14 38	-45355 39	-5500 40	-287096 50	-266 52	-132 53	-63 56	-333
14 57	-54 59	-168 62	-205 63	-440 65	-51 66	-31 72	-704
14 73	-8 77	-13 97	-13 98	-13100	-26105	-8115	-6
	MAKE - 1966						
1 3	22584 38	2800 50	886106 51	8073 52	431794 53	236810 54	13705
1 56	1257201 57	232727 58	607778 59	191688 60	8479 61	1132 62	87948
1 63	224700 64	816 65	15338 66	29287 67	124972 68	5263 69	162580
1 70	22730 71	1420 72	96182 73	38272 83	1760 86	9880 90	111
1128	14558						
2 3	1039383 16	5104 22	216 32	12800 34	123 35	7000 38	700
2 40	20000 72	4300					
3 4	192340 40	550					
4 5	1490146 6	1077089 7	395080 8	298275 20	629 22	16430 25	3908
4 26	30407 27	59657 34	1206 35	749 38	40630 40	13960	
5 3	17068 5	118854 6	379 7	12191 13	1067525 14	1390221 15	1440312
5 16	1599953 17	578193 18	3205165 19	1199096 20	3760349 21	2528844 22	1676977

Table 8

5	23	4286968	24	2194068	25	1105814	26	1553638	27	2156395	28	843827	32	3500
5	34	19349	35	612983	38	51211	39	136587	40	208391	60	74	78	770
5	79	18408	81	623	82	171	83	207	95	18	96	1697102		1888
5105		246107		28120		38126		7919134		3816				
6	29	2179400	30	6986447	31	2001548	38	32900	40	47700				
7	23	15830	32	4939475	34	8293	35	6152	36	6642	38	22966	39	4155
7	40	47256												
8	24	74298	33	1592995	38	328	39	36292	40	5596				
9	3	895	26	408	34	1442953	36	12051	38	1028	40	22141		
10	13	2987	14	3934	15	723	16	1674	17	2628	18	6418	19	1107
10	21	6730	23	245	24	791	25	2431	27	287	28	16906	35	3711204
10	38	24200	40	320880	88	6658	89	1025	90	4349	91	1466	96	587
10	97	36	98	796100		1018108		925109		2064115		11871116		736
11	14	43794	15	14631	32	11893	36	4760210	38	25541	40	825058	72	2793
11	73	307813	74	2000	83	3430	86	52037131		2286				
12	37	3374800	38	6383358	40	42688								
13	34	5000	36	53198	38	70474	39	1370650	40	4979063				
14	41	2265128												
15	41	629743	42	3900012										
16	43	2264929												
17	13	2232	22	46	27	12098	28	125	35	13023	38	542	40	400
17	73	950217	74	3050	75	196319	76	213381	77	48927	78	46175	79	37279
17	80	13812	81	9017	82	11839	83	29706	84	8319	85	4888	86	28057
17	87	242	91	2615	96	4100		258102		79103		251105		483
17107		1417110		5885112		4125		559129		1128134		3659		
18	22	9	28	1017	35	2796	38	36	40	377	53	30	62	23
18	73	148	77	1500	78	5	81	1045	85	729	86	218999	87	5994
18	89	17	90	58	94	465	96	188103		463				
19	22	107	27	25	35	32400	38	678	40	1990	60	86	79	4075
19	85	1542	88	381432	89	75617	90	254706	91	136635	92	48498	93	81812
19	94	131551	95	14801	98	4016103		1007105		5465107		1262120		3065
19134		12785												
20	7	318	22	50	28	44	32	315	34	3	35	4858	38	356
20	40	374	62	357	85	2461	96	300537	97	636	99	272100		12
21	22	720	27	106	35	6883	38	241	40	1113	67	3	76	13
21	77	10250	85	763	86	2169	87	362	94	82	95	2478	97	32968
21	98	63643	99	48070100		124248101		62217102		26380103		56712104		6201
21105		33527108		32112		113116		128118		28120		51123		563
21129		586130		1805133		13134		5095135		32				
22	21	719	22	37	27	247	35	17913	38	81	40	1135	56	58
22	57	46	64	324	67	15	77	18	78	409	81	1141	82	661
22	83	9	85	4735	99	613106		74444107		291897108		52613109		4449
22110		30499111		4719112		465113		19127		67134		1520139		224
23	22	69	35	5816	38	54	40	79	57	72	73	108	85	339
23	99	26106		851107		3766108		40575110		295111		203462112		9303
23113		44246127		70129		7818134		288						
24	18	299	22	91	35	353	38	96	40	177	98	74105		155
24114		104281115		27116		223117		48119		184120		1494134		61
25	22	114	35	11078	38	916	40	263	85	1043	93	60	96	13
25100		91114		7966115		282128116		164009119		150120		73129		476
26	18	110	19	79	22	185	27	1083	28	13	35	2332	38	112
26	40	127	85	202	93	6296	95	336	97	78	98	140114		20
26115		691116		1196117		12708118		12411119		98968120		61071129		66
26130		3133		53134		3080								
27	35	257	40	7121		3335122		129992123		10133				
28	27	18766	35	95	40	14108		36112		43124		53676125		29004
28126		580												
29	7	672	18	725	22	47	27	11228	35	11911	38	389	40	741
29	57	543	59	137	60	5379	61	21	63	231	67	297	75	69
29	76	130	77	706	79	43065	84	224	85	310	90	101	91	250
29	93	1827	94	5760	95	7358	96	298	97	6160	98	6711	99	251

Table 9

29100	401101	47103	4493105	5333108	115110	3259112	3446	
29113	8625114	4151116	1869117	542118	3187119	180120	3557	
29123	2268125	5127	64836128	17269129	19850130	14798131	122181	
29132	49168133	43929134	141296135	3707136	8139	1473		
30 22	4 27	52 34	39 35	4892 38	183 40	650 85	410	
30105	548114	367134	28135	26816136	226247			
31 22	209 27	774 35	415 38	649 40	53 85	635134	7	
31137	261256138	6666139	5008					
32 18	947 22	50 27	512 35	3453 38	60 40	165134	215	
32136	621139	2176140	316401					
33 35	738 38	247 40	94 85	51 97	113105	373137	54	
33138	94141	26177						
34 22	16 35	18 40	50 85	786142	129957			
35 22	119 35	1935 38	3 40	79143	237772144	51989		
USE - 1966								
1 3	9648 6	1817 7	4455 13	9711 14	16782 16	3542 18	3642	
1 21	9435 22	37179 23	802 25	143 26	166408 27	175278 31	95400	
1 32	12815 33	11821 34	39294 35	118650 36	29198 38	180029 39	4908	
1 40	6711 41	59346 42	221491 43	326 46	-16398 47	275554 48	1879827	
1 49	781936 50	45914 53	2375 56	14303 57	24591 64	980 65	8675	
1 66	3334 67	1876 72	88482 82	399106	46230107	277667108	64151	
1109	3270110	1230121	610124	12857				
2 3	102815 6	178 14	2558 16	411 21	7203 22	4791 23	2000	
2 25	125 26	23236 27	1442 31	18100 32	36988 33	3253 34	1909	
2 35	8976 36	1344 38	92833 39	4736 40	52021 41	4547 42	129323	
2 43	6915 46	50365 47	412375 48	21000 49	95955 64	600107	3627	
3 4	2676 6	21 7	766 14	6145 16	2280 21	813 22	2674	
3 23	13747 24	6008 25	299 26	8354 27	387 28	2118 31	500	
3 32	2111 33	325 34	216 35	4068 36	1206 38	2197 39	375	
3 40	1700 41	1657 42	1500 46	2525 47	42910 48	54612 49	30700	
4 3	67 5	12093 6	4654 7	10962 8	95454 14	3134 16	1128	
4 18	9121 19	87 20	22541 21	4061 22	39497 23	2379 24	2612	
4 25	2117 26	37717 27	50306 31	57100 32	35504 33	9238 34	67144	
4 35	33055 36	4309 38	267770 39	83565 40	15633 41	22866 42	265188	
4 43	20981 46	43780 47	796257 48	7312 49	1400534			
5 3	879801 4	14817 5	1078444 6	1093537 7	156168 13	384069 14	1265145	
5 15	100127 16	420202 17	27907 18	945172 19	99389 20	2352484 21	1012141	
5 22	258003 23	1544131 24	661460 25	354279 26	275287 27	1148098 28	203148	
5 31	136217 32	217119 33	176277 34	341752 35	825422 36	40934 38	469955	
5 39	305215 40	103937 41	699055 42	934396 43	773646 44	80088 46	318863	
5 47	8086660 48	67986 49	3841683 54	792 60	488 64	104 67	56	
5 70	13444 71	5369 78	7371 81	430 82	56 83	21975 84	1672	
5 94	1204 96	1480 97	13108	21110	62111	423112	634	
5117	78122	150123	565124	6125	23285126	15502127	119	
5128	225134	10953138	3135139	1122141	13			
6 3	14626 6	6013 7	66821 8	87821 13	87284 14	41251 16	584469	
6 17	15202 18	82430 20	442258 21	1157686 22	196319 23	21216 24	457727	
6 25	716605 26	163082 27	74685 28	77137 31	6179 32	71136 33	11449	
6 34	5132 35	471659 36	132118 38	113883 39	271919 40	162905 41	206215	
6 42	192079 43	40413 46	654671 47	3587146 48	399000 49	624204 65	539	
6 66	3947138	769						
7 6	10255 7	1755 13	31221 14	5864 18	2373 19	3399 20	6894	
7 21	3594 22	1115 23	122333 24	8118 25	2090 26	176443 27	5230	
7 28	2358 31	177600 32	393348 33	60625 34	24079 35	88016 36	32965	
7 38	108415 39	26454 40	92575 41	46098 42	251531 43	58039 46	81569	
7 47	1960483 48	129257 49	1135129 64	887107	657			
8 6	32 14	839 19	13599 22	28 24	36402 26	2537 27	506	
8 28	947 31	56100 32	72837 33	43416 34	3423 35	2621 36	18577	
8 38	38357 39	9123 40	43656 41	12631 42	25247 43	17170 46	-52708	

Table 10

8 47	774354 49	589815						
9 6	44639 19	576 26	14620 31	67903 32	3571 33	4810 34	27471	
9 35	5552 36	1170 38	33093 39	6482 40	6591 41	8991 42	14449	
9 43	6707 46	43860 47	328534 49	860457				
10 5	266 6	2115 13	9423 14	6145 16	12154 18	31767 19	7399	
10 20	2882 21	20492 24	279 25	1531 26	41387 27	4215 28	1255	
10 31	7758 32	152676 33	83698 34	26117 35	49723 36	10127 38	198132	
10 39	69577 40	44043 41	61847 42	176484 43	257719 46	74214 47	1784502	
10 48	220900 49	761288 57	1419 58	3664 62	380 63	282 79	191	
10 89	4211 90	863 91	97 94	406 96	214108	115111	1365	
10122	526124	325134	503					
11 6	10827 13	7170 14	30953 15	13046 16	6439 18	85346 19	6207	
11 21	16542 25	1159 26	31555 27	3384 28	5625 31	30800 32	65258	
11 33	133342 34	113958 35	33174 36	10968 38	441495 39	47671 40	37773	
11 41	73004 42	302478 43	197142 44	2012 46	164576 47	2497898 48	594200	
11 49	756719 50	216081 51	1582 52	58675 53	46282 54	1888 80	334	
11 85	5923							
12 6	5134 19	12795 26	9776 31	760176 32	3966 33	117295 34	38479	
12 35	4105 36	2135 38	588611 39	150530 40	42882 41	104812 42	195335	
12 43	172210 46	1619869 47	1651923 48	1175886 49	3144927			
13 4	7896 5	500 6	2930 7	344 13	6548 14	48047 15	1381	
13 16	13536 17	815 18	26035 19	5593 20	3048 21	4711 22	57	
13 24	560 25	5095 26	34809 27	74320 28	46662 31	20300 32	16842	
13 33	90919 34	38555 35	68283 36	19342 38	291637 39	105729 40	153750	
13 41	87089 42	256861 43	148200 44	11808 46	152099 47	2084361 48	1443850	
13 49	695519 59	10543 60	337 62	13367 63	27300 64	56 65	308	
13 66	2096 73	110502 75	29209 76	27614 77	7568 78	1190 79	7723	
13 85	2332 86	43840 87	1182 88	21618 89	3532 90	14887 91	4919	
13 92	2677 93	4700 94	5378 95	1393 96	40470 97	6119 98	9745	
13 99	1804100	11750101	2884103	2936104	343105	1657107	84	
13110	79111	2751112	796113	2103114	6241115	26586116	14862	
13117	511118	701122	4089123	882127	1162128	77129	950	
13130	880131	5725132	3180134	5053135	2809136	8854		
14 32	2265128							
15 4	1221 7	279 13	174248 14	28462 15	10645 16	2645 18	203242	
15 19	269951 20	8009 21	298323 22	500378 23	285762 24	177210 25	26332	
15 26	4305 27	237251 28	153472 35	430585 36	196291 40	632661 41	104571	
15 44	2901 45	241100 46	314374 54	1850 59	8953 60	244 62	7944	
15 63	11806 66	1071 73	33419 75	9777 76	8994 77	2092 78	610	
15 79	3457 86	9774 87	214 88	15566 89	2500 90	10575 91	3198	
15 92	1849 93	3351 94	4003 95	1172 96	3193 97	2282 98	5641	
15 99	733100	4310101	2136103	2649104	442105	2161111	2567	
15112	437113	1136114	3933115	13802116	6451117	382118	315	
15122	3969123	787126	1698128	95129	981130	615131	4708	
15132	2111134	4110135	1782136	9533138	159			
16 13	12198 18	1519 19	564363 23	22719 24	2849 25	1988 26	25292	
16 27	2232 28	37495 32	326465 33	170991 35	39185 36	39150 39	202150	
16 40	510896 41	13459 45	90000 46	168541137	17325140	14145141	1967	
17 3	17 6	754 7	836 13	4017 14	1569 16	826 18	22323	
17 21	6823 25	220 26	2767 27	4895 28	380 31	2837 32	3758	
17 33	4952 34	5361 35	27370 36	1730 38	3889 39	5090 40	2517	
17 41	20666 42	24849 43	16241 44	303 46	8418 47	178471 48	1591	
17 49	56214 50	569477 51	5847 52	338955 53	10341 54	1968 62	44	
17 63	1067 64	318 73	236054 76	283 78	13324 80	16889 81	6999	
17 82	316 83	60 84	2152 85	1903 88	30 91	2871 94	257	
17 96	1287 99	58100	77103	6106	54107	393111	961	
17112	52114	7122	329123	139125	17834126	333127	99	
17130	14134	5554						
18 3	15 6	60 7	2 13	1002 14	110 16	1937 18	3523	
18 21	577 25	85 26	891 27	1867 28	651 31	371 32	1345	
18 33	696 34	1060 35	5639 36	230 38	400 39	164 40	506	

Table 11

18 41	4152 42	4226 43	1498 46	588 47	24436 48	542 49	8084
18 53	151020 62	25 63	2 73	693 85	107 86	16665 89	96
18 91	65 94	96 99	2103	33111	5134	433	
19 3	161 6	1129 7	219 13	4875 14	446 16	2065 18	37744
19 20	10 21	10389 25	5336 26	13140 27	9593 28	15 31	2572
19 32	2935 33	3075 34	6594 35	12672 36	1389 38	8648 39	5438
19 40	8431 41	26870 42	29860 43	24586 46	3212 47	171454 48	3636
19 49	74741 58	566469 60	34 61	75 62	1255 81	14 85	805
19 88	15870 89	15920 90	53207 91	21920 92	2375 93	87 94	22079
19 97	3748 98	1103	463104	151105	37112	376114	462
19116	57117	685118	999119	206120	10122	4949123	275
19126	488128	1348134	7602135	353			
20 3	121 4	133629 6	55 7	321 14	371 16	2706 18	10651
20 20	1493 21	7189 25	465 26	2080 27	2315 28	288 31	1483
20 32	5135 33	1345 34	2127 35	11846 36	388 38	3428 39	2099
20 40	1187 41	9021 42	9535 43	3908 46	1813 47	63212 48	371
20 49	15710 62	1412 63	460 85	2496 95	9 96	9955100	123
20104	61115	449134	1336				
21 3	4 6	581 7	392 13	2709 14	114 16	215 18	21556
21 21	53964 25	10682 26	3234 27	10199 31	1381 32	2621 33	1647
21 34	3316 35	15386 36	947 38	6159 39	3317 40	2859 41	11403
21 42	14950 43	26647 44	443 46	4443 47	88962 48	453 49	50887
21 57	437 59	782 61	120 62	21000 63	49250 67	1852 73	10333
21 76	169 78	372 79	579 85	1073 86	7860 88	384 89	1489
21 90	1062 91	1261 94	329 96	127 97	15041 98	345 99	11141
21100	3224103	664104	621108	158111	4112	458114	39
21116	27117	382118	28120	24122	1092>123	223127	1185
21128	443134	4360135	239137	2138	52141	60	
22 3	3 4	979 6	252 7	1371 14	4404 16	7 18	3255
22 20	647 21	3553 25	1 26	2556 27	9460 31	779 32	18353
22 33	1585 34	3060 35	21529 36	438 38	2614 39	1301 40	660
22 41	28024 42	5972 43	7115 46	-4932 47	45084 48	2569 49	50639
22 55	5 56	31755 57	84035 63	10 64	1131 65	257 67	1621
22 73	1580 74	1358 78	2862 81	4043 82	11705 85	229 94	4132
22 96	4580 99	429106	28790107	6566108	17645109	3313111	575
22112	454114	6121	2734122	213123	3422124	41970126	161
22127	26134	18438139	3754				
23 6	210 7	66 13	142 14	6155 16	84 18	11594 21	568
23 26	436 27	1232 28	190 31	288 32	11068 33	1077 34	1653
23 35	6966 36	134 38	2425 39	1251 40	440 41	18965 42	3332
23 43	18159 46	2369 47	35606 48	196 49	24379 55	1903 56	151457
23 57	6971 60	15 63	21 67	6 78	266 79	567 82	274
23 85	240 94	185 96	154 97	63106	863107	27108	360
23109	57111	390112	519117	68121	5122	1597123	24
23124	626127	202128	153134	941139	298		
24 6	164 7	36 13	1200 14	32 16	24 18	10889 19	95
24 21	420 25	10 26	391 27	4365 28	8 31	315 32	228
24 33	308 34	597 35	2407 36	241 38	2068 39	429 40	264
24 41	2256 42	2934 43	5763 46	1851 47	31505 48	131 49	12880
24 57	26 59	2 60	67 61	6 62	62 67	275 78	1793
24 79	4397 85	8 90	327 91	409 92	46 94	364 97	747
24 98	309111	7756112	462114	66117	1920118	73120	14
24122	3814123	100126	49127	31128	799134	1830	
25 3	19 6	497 7	279 13	6539 14	41 16	18 18	19888
25 21	20 25	2 26	6871 27	9636 31	1391 32	935 33	1534
25 34	3804 35	11846 36	1778 38	12050 39	7622 40	3035 41	10633
25 42	13896 43	16036 46	5814 47	149069 48	10712 49	28304 59	704
25 60	146 61	266 62	304 63	123 67	138 73	534 77	252
25 78	4284 79	9300 85	53 86	1083 88	170 89	315 90	1321
25 91	616 92	196 93	419 94	3559 95	264 96	272 97	7681
25 98	3116 99	355100	359103	583104	74111	72759112	264

Table 12

25114	85115	58117	1634118	1103120	875122	10032123	424
25126	127127	1025128	733129	6667134	15838		
26 6	121 7	5 13	1578 14	17 16	6 18	15711 19	46
26 20	6 21	475 25	48 26	432 27	4812 28	119 31	501
26 32	750 33	792 34	1000 35	4708 36	169 38	3886 39	2337
26 40	645 41	3783 42	3918 43	14976 44	8617 46	2112 47	48921
26 48	366 49	25448 57	106 59	10 60	3 61	471 62	9
26 63	4 67	4773 78	17 79	210 85	52 89	490 90	1173
26 92	13 94	6387 97	563 98	443111	223112	553113	24
26114	97117	13045118	4264119	116120	168122	14602123	30
26125	160126	34127	4128	4412134	2599		
27 6	434 7	337 13	13 14	600 18	4065 21	55 25	41
27 26	1206 27	883 31	389 32	330 33	271 34	609 35	4739
27 36	105 38	3347 39	194 40	228 41	2000 42	3153 43	664
27 44	61440 46	1674 47	18065 49	26862 63	11803112	211127	6
28 6	83 14	1008 18	25 20	4 21	165 26	191 27	636
28 31	93 32	269 33	128 34	722 35	1882 36	16 38	287
28 39	92 40	46 41	2761 42	942 43	959 46	899 47	3665
28 49	4345 67	79422 85	351125	2990126	193134	40	
29 6	650 7	309 13	3531 14	174 16	223 18	33388 20	67
29 21	8002 25	5972 26	1734 27	23304 28	12 31	1205 32	7669
29 33	2003 34	2907 35	16268 36	576 38	8214 39	4774 40	1474
29 41	16534 42	7450 43	55696 44	71919 46	5356 47	90577 48	288
29 49	81169 55	7305 56	10 57	36291 59	1918 60	2972 61	530
29 62	435 63	6623 67	4693 68	4 73	8 75	2 76	454
29 78	3771 79	4435 82	56 84	27 85	909 86	1037 88	2237
29 89	31 90	80 91	252 94	2280 96	815 97	2324 98	626
29 99	1627100	217103	139104	216110	31111	12371112	2551
29114	69117	1935118	1185120	2122	7992123	852124	47
29125	8951126	439127	8810128	3667130	75131	67132	27407
29134	15190138	78139	46				
30 6	134 16	15 18	5252 19	3127 20	3 21	14527 22	17
30 25	7285 26	3073 27	5001 31	853 32	467 33	1069 34	1415
30 35	5810 36	549 38	5279 39	1805 40	438 41	3962 42	8432
30 43	28767 46	4424 47	75917 48	1104 49	36800 85	1266 97	88
30122	14760134	3215135	25292137	90			
31 6	687 16	3170 18	6604 19	2903 21	5031 25	12610 26	1124
31 27	619 31	760 32	2675 33	473 34	1592 35	5730 36	339
31 38	2314 39	10096 40	523 41	4109 42	6782 43	24038 46	14910
31 47	37550 49	102628 56	12 57	12722 85	798 97	387122	77
31123	1023127	3364134	205137	7729138	2037141	51	
32 6	180 7	23 13	600 16	1227 18	19698 19	3541 21	7262
32 25	6042 26	1155 27	2094 31	1112 32	512 33	1062 34	3042
32 35	4146 36	182 38	3006 39	10464 40	1417 41	3545 42	7853
32 43	38499 46	9865 47	71077 49	92451 57	129 68	2255112	2720
32122	52127	29237128	56135	48140	48		
33 6	20 16	62 18	562 19	292 25	1851 26	67 27	49
33 28	15 31	79 32	56 33	57 34	128 35	1206 36	19
33 38	480 39	56 40	64 41	427 42	297 43	2068 44	965
33 46	950 47	5103 48	43 49	5976 60	2 62	5608 85	56
33 97	200122	434134	7137	65141	677		
34 6	40 14	13 16	1204 18	229 26	158 27	13 31	139
34 32	290 33	61 34	234 35	191 36	25 38	1395 39	90
34 40	34 41	3187 42	1476 43	398 46	1114 47	6002 49	8707
34 69	105809 85	18					
35 6	25 13	2598 16	90 18	30131 19	923 21	1190 26	291
35 31	1251 32	408 33	697 34	637 35	3325 36	63 38	4612
35 39	3106 40	388 41	1986 42	3551 43	23832 46	2753 47	51451
35 48	12 49	46884 60	226 69	10544 85	275122	51123	675
35142	98454144	1468					

Table 13

FINAL DEMAND - 1966

1	13	79892	14	92742	16	13500	17	372402	21	17989	22	23465	23	1620907	
1	24	575809	27	5666	28	258899	35	282714	36	1048137	40	402700	41	79497	
1	46	552098													
2	7	2000	13	393584	14	242061	15	1383177	16	16185	17	16088	18	18203	
2	19	311214	20	3932	21	87212	22	15642	24	71550	25	63563	26	1697	
2	27	63515	28	161981	35	195290	36	1310314	40	64400	41	108107	46	434575	
2	54	8789													
3	3	23733	6	60254	7	66	13	13946	14	51772	16	379	18	119029	
3	21	9943	26	629274	27	419083	28	35528	32	35691	34	577935	35	376264	
3	36	944843	41	65597	46	1865804	65	2488	66	24520137		157485138		48	
3	140	289607141		42674143		236385144		53251							
4	6	1775	19	12236	26	5361	28	6589	31	18066	32	693222	33	547449	
4	34	160256	35	3054	36	6097	37	3374800	38	3362136	39	197208	40	4300034	
4	41	19942	42	92458	43	31914	45	19900	46	109128	47	961419	49	64000	
4	72	10846													
5	8	115000	29	2165400	30	4495003	38	493000							
6	29	13000	30	2468989											
7	13	7643	14	3385	16	6721	17	127831	20	-44000	21	128410	22	1927767	
7	23	963701	24	648107	25	13786	28	137967	35	601239	36	126770	41	114559	
7	46	487314													
8	13	1766	14	577	16	166	17	31651	21	14610	22	57648	23	109912	
8	24	18956	25	155	28	58185	35	23490	36	10694	41	6884	46	24306	
9	3	25858	4	-651	5	41485	6	4299	7	8479	13	27041	14	36910	
9	15	47458	16	28135	17	20446	18	14399	19	13421	20	10756	21	38164	
9	22	41583	23	94521	24	158401	25	35835	26	26950	27	55848	28	47177	
9	44	-1124	50	-52275	51	408	52	17866	53	7527	54	-236	55	232	
9	56	139338	57	49416	58	2818	59	4	60	4	61	140	62	3213	
9	63	-8858	64	30	65	3609	66	111	67	-11218	68	-532	69	46249	
9	70	45	71	-120	73	9834	74	4	75	2857	76	8387	77	662	
9	78	304	79	675	80	-13	81	42	82	57	83	-1059	84	44	
9	86	6674	87	137	88	4089	89	813	90	6450	91	3164	92	1212	
9	93	756	94	4297	95	279	96	8867	97	1474	98	2191	99	609	
9	100	3959101		1974102		1849103		1738104		221105		920106		-201	
9	107	-1041108		693109		439110		254111		-8632112		358113		352	
9	114	1087115		1697116		1148117		1022118		614119		4694120		2436	
9	121	-15122		836123		78124		314125		678126		372127		748	
9	128	591129		383130		269131		775132		1432133		560134		3275	
9	135	347136		1342137		21057138		92139		264140		9578141		3072	
9	142	686143		3579144		293									
10	3	47561	4	54829	5	687583	6	396750	7	231560	13	39870	14	67414	
10	15	30033	16	577785	17	8402	18	1575526	19	12683	20	1463014	21	104215	
10	22	363859	23	1175683	24	190974	25	60167	26	30672	27	328794	28	131308	
10	32	497042	33	13300	34	15908	35	296893	38	38224	39	99692	40	3297	
10	41	507301	45	1271533	46	280	50	70431	51	229	52	957	53	2900	
10	54	4066	56	920774	57	53022	59	1323	60	2097	62	14705	63	15562	
10	64	995	65	11123	66	1830	67	109518	68	5139	70	18074	71	681	
10	73	52482	74	2299	75	8472	76	2847	77	2780	78	11723	80	6218	
10	81	519	82	986	83	32201	84	5050	86	700	90	99	91	14355	
10	92	1185	93	131	94	20811	95	739	96	162492	97	2648	98	4229	
10	99	12310100		7778101		882102		631103		1105104		69105		463	
10	106	229107		8066108		10252109		650110		5615111		80891112		1252	
10	113	813114		5831115		813116		1095117		602118		554119		3467	
10	120	1342121		1122		1868123		184124		21566125		2072126		7916	
10	127	7722128		6407129		329130		355131		1305132		31134		12306	
10	135	169136		115137		127884138		390139		3672140		4504141		44	
10	142	37134143		419144		1647									
11	3	998	4	901	5	1512	6	33	7	1768	13	2058	14	3939	
11	15	1274	16	1303	17	509	18	1270	19	3308	20	33907	21	10448	

Table 14

11 22	44402 23	67785 24	16751 25	885 26	697 27	7705 28	17692	
11 35	12482 41	5839 44	426 50	71 54	51 57	47 59	26	
11 62	984 63	71 64	1 65	274 66	11 67	4 68	28	
11 70	332 71	385 73	796 75	3 76	3 77	87 78	14	
11 80	1566 83	138 84	6 86	2 91	131 94	2 95	14	
11 96	277 97	535 98	20 99	20100	247101	6102	5	
11103	1105	13106	3107	3108	2110	2112	4	
11114	15116	8117	6118	163119	20120	64122	20	
11123	221124	1125	10126	70130	2131	40132	3448	
11134	316135	8136	4137	7141	32142	47144	26	
12 3	-25517 4	-33031 5	-212883 6	-593046 7	-100280 13	-243988 14	-554950	
12 15	-137680 16	-97826 17	-43432 18	-162591 19	-178240 20	-575186 21	-541489	
12 22	-1830337 23	-2015459 24	-786202 25	-224651 26	-243421 27	-584776 28	-596001	
12 32	-125000 33	-9300 34	-10198 35	-11400 38	-170967 39	-257650 40	-12464	
12 44	-338840 45	-1622533 46	758000 50	-3553 51	-497 52	-76 53	-5328	
12 54	-5463 55	-9445 57	-35761 59	-8169 60	-1019 61	-2945 62	-62431	
12 63	-109319 64	-3962 65	-11664 66	-11400 67	-67849 68	-1631 70	-9165	
12 71	-4895 73	-42546 75	-8490 76	-2548 77	-9296 78	-6435 79	-1171	
12 80	-11182 81	-221 82	-1178 83	-18203 84	-408 86	-2657 87	-460	
12 90	-9990 91	-12838 94	-1712 95	-239 96	-19465 97	-57018 98	-32822	
12 99	-9688100	-18402101	-1108102	-1247103	-2308104	-80105	-3602	
12106	-1522107	-618108	-255109	-1529110	-930112	-9734113	-1022	
12114	-9215115	-649116	-1559117	-12466118	-11929119	-5548120	-10108	
12122	-2315123	-6102124	-24036125	-26412126	-18883128	-153130	-737	
12131	-8334132	-25184133	-65134	-39072135	-1619136	-1795137	-70334	
12139	-275140	-1481141	-22413142	-6364143	-2611144	-4696		
13 6	19175 7	15135 13	256 14	23820 15	6505 17	3000 19	35874	
13 20	28209 21	12980 22	11509 23	270904 24	21589 26	77194 27	89892	
13 28	70451 29	1000 30	22455 31	531550 32	150703 33	101334 34	133691	
13 35	49934 36	17973 38	127945 39	176434 40	280532 41	190092 42	687784	
13 43	223697 46	46709 47	6188320 49	864397 66	3956 72	4595		
14 4	-200 7	-22 14	-100 15	-300 16	-302 19	-4499 21	-1400	
14 22	-100 24	-3 26	-576 27	-131 28	-215 32	-19243 33	-79	
14 34	-168013 36	-70 38	-88467 39	-16159 40	-430218 50	-312 52	-155	
14 53	-79 56	-390 57	-63 59	-1318 62	-1341 63	-1615 65	-271	
14 66	-189 69	-22 72	-648					
MAKE - 1971								
1 3	42364 38	4446 50	1081496 51	8337 52	428260 53	258715 54	20123	
1 56	631697 57	423439 58	723160 59	162276 60	10945 61	1443 62	106860	
1 63	293085 64	1665 65	21080 66	77406 67	294696 68	1143 69	138621	
1 70	14683 71	584 72	109123 73	45250 83	1910 86	11155 90	1549	
1128	8222							
2 3	1213699 16	6801 22	199 32	2928 34	159 35	4347 38	746	
2 40	17285 72	9228						
3 4	217518 40	2312						
4 5	2002260 6	1912783 7	485293 8	438994 20	460 22	14253 25	6008	
4 26	53886 27	131895 34	1122 35	4086 38	40330 40	23947		
5 3	42510 5	153125 6	1965 7	17587 13	1390867 14	1813051 15	1858047	
5 16	2282155 17	752409 18	4147083 19	1633992 20	4902923 21	3395164 22	1993354	
5 23	7007305 24	2876379 25	1471253 26	2198311 27	2747946 28	1121307 32	5726	
5 34	19232 35	1068605 38	84843 39	49260 40	236776 60	103 78	211	
5 79	14671 80	8568 81	933 82	119 83	498 95	2 96	214	
5102	6003105	365107	46120	20126	8462134	4964		
6 29	4025434 30	9118913 31	2660603 38	89275 40	99387			
7 23	29122 32	7684111 34	8935 35	2000 36	7332 38	27669 39	9289	
7 40	77861							
8 24	97903 33	2619377 38	732 39	40964 40	17846			
9 3	2048 26	271 34	2382224 36	26315 38	3434 39	208 40	41958	
10 13	4723 14	8337 15	521 16	1175 17	3649 18	1755 19	2068	
10 21	8021 23	2774 24	3199 25	883 27	301 28	30046 35	5290094	

Table 15

10 38	44663 40	527270 88	7 89	7 90	7 91	7 96	202	
10 97	530100	530108	8303115	235116	2218144	444		
11 14	2683 15	523 32	8821 36	6690787 38	53366 40	1278777 72	3923	
11 73	219914 74	4335 83	3418 86	36086131	7192			
12 32	254 34	140 37	5435900	3810319930 39	15496 40	122156		
13 34	7444 35	25960 36	63825 38	83815 39	2698977 40	8268352		
14 41	3518892							
15 41	921915 42	5635892						
16 43	3389875							
17 22	545 27	24265 28	85 35	18778 38	1013 40	379 73	1375515	
17 74	3495 75	213057 76	249670 77	52668 78	62263 79	32156 80	12843	
17 81	13474 82	17951 83	19246 84	6760 85	4832 86	19597 87	24	
17 91	3415 96	516100	337103	328105	4182110	13273112	5	
17134	14							
18 22	12 28	1313 35	1490 38	33 40	337 53	39 62	30	
18 77	708 78	187 82	147 85	539 86	289276 87	5386 89	22	
18 90	75 94	13 96	243103	634				
19 22	14 27	41 35	53577 38	360 40	898 60	142 79	7268	
19 85	325 88	521547 89	69416 90	240415 91	212636 92	50153 93	105934	
19 94	187412 95	20679 97	4001 98	6502105	4840107	4546120	5115	
19134	24079							
20 7	387 22	99 28	54 32	500 35	16910 38	294 40	415	
20 62	435 85	3470 86	37 96	377604 97	685100	15		
21 22	575 27	130 35	18622 38	344 40	373 63	799 67	4	
21 76	16 77	10782 85	621 86	1407 94	100 95	2246 97	58157	
21 98	60283 99	70985100	134755101	72693102	25760103	69497104	7178	
21105	45375108	39112	138116	1348118	5120	62123	1071	
21129	716130	2206133	16134	10780135	39			
22 21	997 22	3 27	96 35	23205 38	235 40	100 56	80	
22 57	64 64	449 67	21 77	25 78	567 81	1583 82	917	
22 83	12 85	3465 99	784106	95310107	385274108	50133109	4216	
22110	52784111	5697112	200134	4079139	311			
23 22	249 35	9725 38	76 40	134 57	99 73	148 85	361	
23 99	36106	1439107	4383108	34568110	21111	183850112	8241	
23113	57026127	395129	8155134	577				
24 18	180 22	24 35	2849 38	136 40	131 98	66105	196	
24114	132321115	35116	1163117	60119	842120	2916		
25 22	106 35	14066 38	549 40	124 85	602 96	14100	95	
25101	1365114	8698115	329625116	167515119	333120	41129	497	
25130	1513							
26 18	130 19	93 22	193 27	2562 28	15 34	5 35	3878	
26 38	201 40	244 93	7453 95	397 97	92114	24115	817	
26116	1413117	10492118	20286119	113313120	85569129	78130	4	
26133	63134	3179						
27 22	128 34	13 35	409 40	49121	3021122	215835123	5197	
28 22	69 27	28901 35	952 38	120 40	8108	26112	57	
28124	65254125	41933126	524					
29 7	1166 18	1053 22	383 27	25543 35	23200 38	278 40	432	
29 57	789 59	1260 60	7559 61	31 63	1288 67	431 75	100	
29 76	189 77	1025 79	55185 84	285 85	600 90	147 91	363	
29 93	2654 94	1362 95	11427 97	7864 98	12030 99	1674100	3399	
29101	68103	4232105	1563108	155110	9242111	328112	16164	
29113	12288114	3496116	7113117	787118	6468119	261120	5166	
29123	3723125	31127	75865128	18543129	26344130	18562131	161458	
29132	56777133	81674134	205656135	2522136	12139	421		
30 22	10 27	80 35	17208 38	591 40	1372 85	4107105	906	
30114	563134	43135	38906136	347555				
31 22	25 27	196 35	2436 38	257 40	280 85	1137134	1	
31137	380710138	8893139	7753					
32 18	1443 20	9 22	17 27	663 34	12 35	7256 38	961	
32 40	241134	249139	2907140	433040				

Table 16

| | | |

Table 17

11 6	13801 13	18458 14	2342 15	9954 16	3328 18	119097 19	8596
11 21	14122 25	1600 26	48758 27	9189 28	4545 31	40383 32	90211
11 33	167679 34	136925 35	31881 36	13741 38	607016 39	74464 40	47524
11 41	80044 42	348918 43	302539 44	3622 46	247123 47	3930373 48	663073
11 49	1047550 50	137087 51	1484 52	47058 53	31922 54	2754 80	1611
11 85	1053						
12 6	8543 19	22953 26	19216 31	1110767 32	8637 33	216738 34	85930
12 35	8379 36	3922 38	1122591 39	264664 40	90289 41	164814 42	247864
12 43	313426 46	2615973 47	2765099 48	1775321 49	5048750		
13 4	11912 5	779 6	3403 7	491 13	9670 14	69497 15	2647
13 16	19028 17	1538 18	49630 19	9188 20	3556 21	6477 22	115
13 24	765 25	9383 26	57307 27	92296 28	84087 31	19532 32	27700
13 33	167225 34	76388 35	110092 36	34208 38	518290 39	248213 40	263389
13 41	133592 42	510023 43	280378 44	17584 46	237491 47	3674679 48	2362587
13 49	1269267 59	15780 60	515 62	19713 63	40587 64	89 65	483
13 66	2756 73	168772 75	44737 76	42328 77	10732 78	1726 79	10869
13 85	2176 86	69565 87	1746 88	32071 89	5263 90	22379 91	7404
13 92	4068 93	7004 94	7878 95	2164 96	61453 97	9029 98	14040
13 99	2635100	17541101	4062103	4374104	494105	2478107	118
13110	149111	3852112	1155113	3057114	9158115	40146116	21073
13117	613118	1051122	6101123	1362127	751128	117129	1421
13130	1302131	8549132	4853134	7173135	4177136	12887	
14 32	3518892						
15 4	1770 7	404 13	264533 14	39268 15	14082 16	3785 18	296588
15 19	353025 20	14514 21	384627 22	815216 23	388021 24	268241 25	32917
15 26	4715 27	329993 28	238428 35	718175 36	283086 40	1007973 41	184392
15 44	4152 45	50525 46	534525 54	3288 59	12875 60	359 62	11253
15 63	16571 66	1428 73	51834 75	13074 76	12375 77	2837 78	866
15 79	4900 86	14048 87	303 88	23934 89	3579 90	15270 91	4633
15 92	2699 93	4804 94	5656 95	1779 96	4500 97	3234 98	7032
15 99	1020100	6167101	2878103	3787104	609105	3110111	3453
15112	606113	1594114	5590115	19724116	8791117	438118	454
15122	5694123	1142126	2344128	139129	1408130	889131	8420
15132	3082134	5925135	1978136	12290138	189		
16 13	18178 18	2335 19	758130 23	32615 24	4397 25	2855 26	46025
16 27	2735 28	60596 32	524110 33	276696 35	51849 36	56662 39	342837
16 40	727321 41	19379 45	145200 46	269081137	25758140	17729141	5187
17 3	2 6	762 7	763 13	10235 14	670 16	1117 18	23129
17 19	3032 21	9634 25	298 26	2775 27	6351 28	71 31	4477
17 32	5065 33	6296 34	6641 35	42762 36	2775 38	6107 39	7152
17 40	6877 41	30642 42	32394 43	19751 46	12937 47	265258 48	1136
17 49	74745 50	798457 51	5651 52	364493 53	9977 54	2106 62	56
17 63	1336 64	477 73	291487 76	367 78	17824 80	20535 81	11584
17 83	86 85	2482 88	39 91	3756 94	330 96	1113 99	76
17100	100103	8106	69107	516111	772112	65114	9
17122	449123	183125	24608126	432127	128130	19134	7242
18 3	19 6	53 7	8 13	3215 14	141 16	776 18	7663
18 19	102 21	746 26	758 27	59 28	813 31	548 32	1771
18 33	811 34	1481 35	7771 36	182 38	1461 39	337 40	955
18 41	4817 42	5299 43	2743 46	1296 47	40878 48	151 49	9308
18 53	191528 62	30 63	2 73	158 85	167 86	14163 89	117
18 91	80 94	6 99	2103	40111	1134	28	
19 3	137 6	698 7	505 13	13736 14	655 16	2420 18	52504
19 19	4170 20	13 21	9207 25	7362 26	7679 27	7664 28	19
19 31	2650 32	3393 33	3715 34	7750 35	18562 36	1233 38	13462
19 39	8876 40	8233 41	33727 42	38755 43	34119 46	6665 47	220176
19 48	1038 49	101705 58	694954 60	62 61	94 62	905 79	3941
19 81	17 85	787 88	40755 89	7249 90	58083 91	34358 92	2009
19 93	110 94	31891 97	5695 98	1103	1037104	191105	348
19112	642114	585116	66117	1704118	3748119	252120	772
19122	8668123	352126	613128	2455134	6276135	452	

Table 18

20 3	141 4	159944 6	15 7	356 13	474 14	299 16	2083
20 18	7351 19	113 20	371 21	7625 25	397 26	2131 27	2643
20 28	347 31	1827 32	6053 33	1908 34	2916 35	14020 36	293
20 38	7212 39	2813 40	1661 41	9977 42	11622 43	5095 46	2259
20 47	83716 48	574 49	43327 62	1677 63	288 85	3055 95	11
20 96	14987100	149104	43115	996134	136		
21 3	3 6	295 7	491 13	2919 14	80 16	414 18	28532
21 21	63353 25	17920 26	2612 27	9425 31	1645 32	3182 33	2282
21 34	3942 35	18027 36	943 38	10075 39	4298 40	4434 41	16436
21 42	17099 43	31936 44	2174 46	5164 47	113229 48	252 49	54543
21 57	333 59	370 61	152 62	22103 63	63273 67	2328 73	11470
21 76	218 78	464 79	1723 85	1293 86	9357 88	340 89	1910
21 90	1378 91	1986 92	109 94	530 96	161 97	19532 98	543
21 99	13636100	652103	856104	494108	202111	5112	2761
21114	50116	35117	446118	1010120	31122	15610123	73
21128	408134	5107135	311137	4138	73141	80	
22 6	128 7	7912 13	442 14	3960 16	10 18	5396 20	896
22 21	6307 26	1586 27	15005 31	1553 32	14949 33	2607 34	3836
22 35	28050 36	465 38	4233 39	2132 40	1824 41	47955 42	9328
22 43	9808 46	-8980 47	60808 48	1545 49	71064 56	41071 57	88642
22 63	592 64	4008 65	446 67	46 73	2143 74	1835 78	6302
22 79	3 81	5256 82	11691 85	136 94	6419 96	6739 97	23
22 99	597106	44047107	1575108	18880109	1988111	280112	531
22114	8121	1993122	433123	4006124	55385125	49126	24
22127	661128	15134	27751139	4213			
23 6	88 7	237 13	166 14	3920 16	9 18	11652 19	169
23 21	55 26	276 27	1328 28	230 31	754 32	15468 33	1278
23 34	2084 35	11738 36	88 38	4505 39	1502 40	729 41	27795
23 42	4854 43	22175 46	2234 47	42588 48	41 49	11866 55	2000
23 56	124335 57	6971 60	18 63	24 65	8 67	9 78	169
23 79	815 82	457 85	355 92	89 94	196 96	73 97	74
23106	891107	110108	431109	83111	590112	300117	57
23122	1177123	48124	698126	1127	61128	967134	615
23139	32						
24 6	123 7	58 13	4328 14	43 18	13967 21	557 25	14
24 26	428 27	2642 31	274 32	346 33	461 34	822 35	4073
24 36	259 38	2868 39	557 40	559 41	3255 42	2755 43	7123
24 46	2035 47	42185 48	28 49	15285 57	37 59	2 60	91
24 62	46 67	13 78	2154 79	5712 85	398 90	227 91	377
24 92	131 94	284 97	961 98	308111	9238112	1251114	100
24117	3787118	309120	21122	7505123	134128	1551134	1237
25 3	16 6	491 7	379 13	14894 14	39 16	18 18	17189
25 21	20 25	2 26	4232 27	2834 31	1371 32	1052 33	1917
25 34	3144 35	15521 36	2038 38	13356 39	8990 40	3859 41	12154
25 42	17735 43	17613 46	7770 47	184263 48	9675 49	26799 59	717
25 60	247 61	325 62	638 67	163 73	1266 77	299 78	3340
25 79	9998 85	101 86	1340 88	734 90	1820 91	771 93	519
25 94	4617 95	344 96	332 97	8080 98	5114 99	443100	444
25103	722104	87111	75111112	2882114	106115	71117	1795
25118	1269120	1042122	11888123	224128	1713129	6042134	13168
26 6	90 7	8 13	5037 14	46 16	8 18	18550 19	1885
26 20	9 21	610 25	71 26	440 27	4443 28	181 31	274
26 32	1194 33	1212 34	1427 35	5132 36	310 38	5716 39	3016
26 40	1875 41	4848 42	5970 43	19071 44	11421 46	2794 47	62233
26 48	355 49	29376 57	99 59	5 60	4 61	562 62	14
26 63	6 67	7089 78	23 79	257 85	65 88	1799 89	201
26 90	1287 92	20 94	3533 97	711 98	566111	455112	580
26113	37114	147117	15543118	5956119	170120	245122	15314
26123	46125	241126	51127	6128	4951134	2916	
27 6	209 7	334 13	342 14	290 16	66 18	4276 19	719
27 21	151 25	65 26	1151 27	756 31	364 32	641 33	367

Table 19

27 34	1056 35	6268 36	51 38	3629 39	357 40	398 41	2719
27 42	3576 43	884 44	118529 46	2432 47	25536 49	28653 63	14020
27112	80122	5965123	650127	11134	107		
28 6	105 13	1500 14	522 18	451 20	3 21	314 25	517
28 26	394 27	1000 31	69 32	3516 33	285 34	933 35	2387
28 36	13 38	477 39	157 40	169 41	3136 42	2591 43	1508
28 46	1025 47	6122 49	10379 67	98741 85	483125	761126	245
28134	51						
29 6	851 7	538 13	13009 14	784 16	276 18	46886 20	90
29 21	9583 25	13729 26	2001 27	32453 28	17 31	1371 32	5287
29 33	3538 34	4621 35	24233 36	605 38	12525 39	7110 40	3319
29 41	29015 42	11414 43	68088 44	83582 46	6537 47	143553 48	314
29 49	144023 55	5278 56	13 57	38161 59	2405 60	3987 61	928
29 62	1351 63	11257 67	6114 68	5 73	11 75	3 76	1328
29 78	2096 79	5284 82	76 84	36 85	532 86	2620 88	748
29 89	169 90	372 91	338 94	3361 96	1065 97	4028 98	816
29 99	2069100	288103	78104	247110	41111	17368112	4059
29114	91117	1782118	49120	3122	16793123	1146125	18483
29126	116127	7883128	3095130	100131	89132	23522134	21126
29137	406138	103139	65				
30 6	114 18	9633 19	1690 20	5 21	42173 22	30 25	24161
30 26	2807 27	8332 31	1005 32	611 33	1722 34	2331 35	12370
30 36	742 38	7716 39	3262 40	2245 41	8121 42	13098 43	35390
30 46	6484 47	109813 48	295 49	46533 85	3484 97	173122	30641
30134	2515135	33654137	191				
31 6	1178 16	3650 18	7802 19	4849 21	7438 25	23593 26	1329
31 27	570 31	731 32	2368 33	1563 34	2534 35	7298 36	444
31 38	6051 39	14752 40	2067 41	7739 42	8893 43	39410 46	21631
31 47	55514 49	141205 56	49 57	16697 62	4 85	1074 97	450
31122	191123	872127	3148134	238137	13734138	2559141	63
32 6	254 7	32 13	994 16	1582 18	31740 19	4245 21	7972
32 25	12110 26	1204 27	2692 31	1462 32	818 33	1645 34	4677
32 35	5162 36	175 38	4918 39	15076 40	5087 41	4552 42	8869
32 43	49187 46	9487 47	102370 49	131578 57	151 68	2773 85	67
32112	3251127	32549128	42134	9140	68		
33 6	27 16	152 18	3043 19	619 21	1135 25	4913 26	70
33 27	235 28	31 31	92 32	82 33	252 34	234 35	2652
33 36	35 38	700 39	140 40	103 41	1221 42	877 43	3946
33 44	1138 46	1395 47	8462 49	12507 60	4 62	11436 85	74
33 97	558122	1734134	14137	595141	219		
34 6	15 14	9 16	849 18	156 26	214 27	17 31	302
34 32	331 33	98 34	327 35	2993 36	25 38	2597 39	99
34 40	87 41	2908 42	1694 43	490 46	1192 47	8976 49	4024
34 69	134729 85	1302					
35 6	36 13	4154 16	271 18	42478 19	942 21	2089 26	252
35 31	2714 32	449 33	1094 34	1091 35	1005 36	89 38	5798
35 39	4367 40	885 41	2619 42	3726 43	32553 46	2598 47	73571
35 49	97040 60	264 85	272122	18123	815142	125313	
FINAL DEMAND - 1971							
1 13	122833 14	195512 16	22526 17	487365 21	21820 22	25805 23	2115945
1 24	805316 27	11935 28	435887 35	567740 36	1307300 40	612330 41	110515
1 46	838604						
2 7	2747 13	480078 14	303806 15	1776842 16	20158 17	13565 18	18313
2 19	411312 20	2524 21	119861 22	18409 24	92518 25	69635 26	1199
2 27	72302 28	220219 35	265352 36	1972233 40	61408 41	151157 46	663?17
2 54	14154						
3 3	18999 6	80144 7	2289 13	18257 14	62487 16	219 18	201022
3 21	11251 26	880786 27	650118 28	57366 32	54588 34	965850 35	528158
3 36	1210916 41	114369 46	2789746 65	5143 66	65857137	234120138	72
3140	408415141	86347143	338372144	66974			

Table 20

4	6	2100	19	24220	26	10055	28	9256	31	31628	32	1080712	33	956989
4	34	230904	35	6056	36	9813	37	5435900	38	5818386	39	302656	40	6139865
4	41	34669	42	175988	43	82790	45	95000	46	275860	47	1976871	49	143007
4	72	18761												
5	8	131384	29	4007434	30	5761702	38	463000						
6	29	18000	30	3309738										
7	13	9234	14	4124	16	12958	17	150518	20	-61000	21	158335	22	2088304
7	23	1197600	24	987141	25	15070	28	198789	35	708574	36	166864	41	147796
7	46	496393												
8	13	2111	14	698	16	190	17	29727	21	18313	22	70104	23	109182
8	24	21990	25	182	28	83818	35	31937	36	13372	41	10213	46	32163
9	3	-29911	4	164	5	13650	6	-17462	7	14674	13	30836	14	35883
9	15	76529	16	-52815	17	30161	18	25810	19	3645	20	42627	21	-46264
9	22	-162915	23	265450	24	-4672	25	11756	26	53495	27	28900	28	20539
9	35	-54	41	-15	44	-12147	50	35992	51	1143	52	505	53	-1671
9	54	37	55	-219	56	-183243	57	102960	58	-1146	59	677	60	-126
9	61	-4	62	2553	63	1698	64	6	65	71	66	563	67	48025
9	68	15	69	3892	70	162	71	17	73	11722	74	11	75	571
9	76	548	77	469	78	99	79	649	80	62	81	34	82	258
9	83	328	84	60	86	-1030	87	-36	88	4790	89	482	90	-35254
9	91	4265	92	118	93	930	94	4777	95	281	96	-3071	97	1357
9	98	1049	99	1469100		2825101		1233102		-528103		2054104		141
9	105	2873106		162107		2471108		681109		-20110		420111		438
9	112	133113		1307114		622115		888116		406117		-318118		63
9	119	-42120		611121		-61122		-3827123		290124		224125		297
9	126	92127		170128		489129		1257130		1069131		174132		210
9	133	216134		1059135		7136		-192137		17865138		403139		229
9	140	5335141		6479142		-9569143		3069144		543				
10	3	40919	4	43436	5	942138	6	983251	7	271845	13	67474	14	83112
10	15	74027	16	959690	17	37379	18	1920991	19	32666	20	1990362	21	255681
10	22	650243	23	4367791	24	413751	25	111675	26	101905	27	516609	28	204315
10	32	686803	33	30900	34	43012	35	723220	38	85500	39	156100	40	3785
10	41	937539	44	458	45	1787241	46	834	50	51719	51	291	52	4887
10	53	5340	54	2437	56	639851	57	154879	58	1	59	2188	60	3965
10	61	62	62	12300	63	14629	64	2781	65	14663	66	5282	67	194283
10	68	1055	70	9192	71	381	73	85203	74	2894	75	4951	76	3897
10	77	1632	78	16949	79	113	80	8094	81	644	82	7699	83	17749
10	84	4683	86	3150	87	148	90	2368	91	22431	92	583	93	68
10	94	56688	95	645	96	245331	97	5235	98	2373	99	17892100		7786
10101		252102		119103		834104		204105		2338106		2436107		12033
10108		15387109		1849110		7636111		49363112		2971113		1430114		10335
10115		1868116		2983117		193118		899119		8763120		4281121		707
10122		1871123		156124		12543125		3300126		13496127		16834128		5677
10129		284130		585131		3145132		3133		75134		17587135		153
10136		34137		184755139		4325140		4570141		149142		51447143		1439
10144		2832												
11	3	9	4	1571	5	314	6	529	7	4644	13	5605	14	7657
11	15	2533	16	1857	17	431	18	2041	19	6404	20	66387	21	18054
11	22	89095	23	77958	24	28786	25	1266	26	6038	27	13739	28	33288
11	35	26710	41	8752	44	397	50	362	53	27	54	29	55	1
11	57	15	59	20	61	198	62	1541	63	426	65	60	66	16
11	67	95	70	83	71	245	73	480	75	17	76	20	77	29
11	78	21	80	1532	82	1	83	208	84	162	86	7	87	20
11	91	310	95	10	96	2084	97	454	98	47	99	109100		98
11101		2102		4103		2104		1105		50106		87110		47
11112		2113		13116		16117		1023118		2590119		17120		14
11122		1123		245125		7126		72127		22128		36129		13
11141		29142		137143		3144		161						
12	3	-33738	4	-28212	5	-234810	6	-911598	7	-110029	13	-475912	14	-722165
12	15	-289924	16	-139306	17	-55766	18	-222185	19	-289074	20	-793925	21	-720611
12	22	-2341220	23	-4578495	24	-1192852	25	-247514	26	-260234	27	-874470	28	-1007693

Table 21

```
 12 32 -152000 33   -28400 34    -8036 35   -91054 38 -329100 39 -467500 40   -19200
 12 44 -400491 45-2077966 46   925000 50   -26936 51    -991 52    -115 53    -4129
 12 54   -6828 55    -7060 57   -14760 59    -6175 60    -322 61   -3364 62   -85095
 12 63 -126248 64    -8869 65   -12310 66   -17378 67  -68195 68   -2705 70   -11086
 12 71    -634 73   -91483 74      -19 75    -7660 76   -2990 77  -11160 78    -4471
 12 79   -1295 80   -10423 81    -1645 82    -1611 83  -12783 84   -1642 86    -1331
 12 87    -443 90    -2442 91   -25244 92      -88 94   -2899 95    -881 96   -52775
 12 97  -71433 98   -38532 99  -13098100  -27173101    -864102    -471103    -3677
 12104    -212105    -4143106   -1248107   -1148108    -284109   -1000110    -6928
 12111    -61112   -12048113   -2565114  -11000115    -455116   -2007117   -18286
 12118 -19009119  -11106120  -15022121    -160122     -62123   -9511124   -26559
 12125 -26050126  -30267127   -4649128    -709129    -580130   -2017131   -14370
 12132 -25952133     -21134  -47510135    -746136    -122137  -96641138     -197
 12139    -78140   -3077141  -42136142   -6134143   -3018144     -6399
 13  6   26414  7   24886 13      16 14   33679 15   16716 17     4000 19    93278
 13 21   22598 22   29627 23  209142 24   20573 26  111009 27  128393 28  115539
 13 30   47473 31  606472 32  265020 33  194260 34  245977 35   75117 36   19932
 13 38  296219 39  401643 40 1677963 41  289004 42 1124307 43  375914 46   79068
 13 47 12024269 49 1322900 66    5718 72    11174
 14  4    -140  6   -23203  7     -70  8     -15 14      -3 15    -1670 16    -3725
 14 17    -152 19   -10446 22    -928 23    -1634 26   -8285 27   -4159 28   -12215
 14 32   -64146 33     -500 34 -217334 38 -251130 39  -42617 40 -885071 50    -2724
 14 52    -464 53    -1398 56    -141 59     -64 62     -540 63    -762 66     -273
 14 72   -3242 75    -1561
//

------ JES2 JOB STATISTICS ------

    1,246 CARDS READ

          0 SYSOUT PRINT RECORDS

          0 SYSOUT PUNCH RECORDS

     0.00 MINUTES EXECUTION TIME
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Table 22

Consumer Expenditure: Non-Durable
(Values in this Table override the values in the original data base)

(in thousands of dollars (current))

Old Commodity Code	1961	1966	1971
3	34.421	23,733	18,999
6	48,735	60,254	80,144
7	2,800	3,875	11,882
14	27,685	51,772	62,487
16	277	379	219
18	82,889	119,122	201,145
21	7,160	9,943	11,251
26	518,723	629,274	880,786
27	297,600	426,458	661,843
28	17,700	36,004	58,165
32	24,982	35,691	54,588
34	437,761	577,935	965,850
35	470,460	658,818	933,547
36	1,363,578	1,763,034	2,499,640
41	168,900	182,178	288,812
44	87,952	99,042	106,486
46	1,318,366	1,930,273	2,877,804
50	32,610	40,272	37,183
51	314	504	759
52	12,848	15,572	11,896
53	14,254	21,802	24,295
58	28,437	34,827	29,346
59	138,408	177,047	134,736
60	4,370	8,402	8,999
61	1,499	2,490	2,521
62	59,391	81,535	107,064
63	157,788	220,339	245,025
65	2,509	2,488	5,143
66	19,793	24,520	65,857
67	914	120	1,681
73	550,862	882,869	1,107,764
74	533	1,389	3,109
75	115,355	154,958	159,025
76	109,340	167,321	191,784
77	31,862	57,256	60,370

(Continued)

Table 22 (Continued)

Old Commodity Code	1961	1966	1971
78	6,673	5,893	9,438
79	61,840	72,464	66,059
86	151,239	226,164	245,669
87	3,525	5,525	3,672
88	264,524	328,126	416,344
89	42,803	47,262	50,470
90	191,496	179,271	176,700
91	57,001	100,546	160,952
92	35,250	38,945	40,415
93	58,769	80,451	102,606
94	42,635	63,801	64,054
95	16,801	21,360	30,398
96	44,693	88,606	95,731
97	51,168	53,096	83,432
98	67,377	81,536	85,524
99	11,810	29,832	46,624
100	81,723	112,386	130,254
101	40,113	55,490	66,563
102	22,626	27,109	32,639
103	35,955	54,917	64,576
104	3,789	4,083	4,879
105	23,752	44,481	51,345
106	942	849	1,309
107	2,313	2,339	3,577
108	1,209	1,154	2,638
109	323	313	431
110	20,097	33,595	69,984
111	30,115	33,772	27,803
112	10,658	11,007	14,146
113	34,486	49,484	64,441
114	82,654	108,062	129,301
115	208,642	251,961	267,474
116	111,289	146,072	149,407
117	4,340	3,494	2,281
118	15,162	17,556	28,370
119	66,970	96,527	116,695
120	48,745	74,522	106,891
122	51,361	51,022	87,735
123	12,495	9,162	7,390
127	7,986	11,233	18,246

(Continued)

Table 22 (Continued)

Old Commodity Code	1961	1966	1971
128	8,332	12,974	5,312
129	16,796	20,614	25,945
130	11,548	15,133	20,334
131	85,126	120,181	162,061
132	41,677	36,743	46,434
133	28,786	43,500	81,481
134	79,075	96,818	166,455
135	4,276	1,127	1,480
136	137,836	208,823	322,670
137	101,360	157,485	234,120
138	18	48	72
140	230,972	289,607	408,415
141	24,423	42,674	86,347
143	173,865	236,385	338,372
144	51,418	53,251	66,974

Source: Unpublished Data, Input-Output Division, Statistics Canada.

Table 23

Commodity Price Indices

(Used for deflating Use, Make, and Final Demand matrices for 1966 and 1971)

(1961 = 100)

Commodity	1966	1971
Cattle and Calves	117	116.2
Sheep and Lambs	117	116.2
Hogs	117	116.2
Poultry	117	116.2
Poultry, Fresh, Frozen, Chilled	135.4	133.3
Poultry Canned	129.1	116.9
Other Live Animals	117	116.2
Beef, Veal, Mutton, Pork-Fresh & Frozen	114.3	147.2
Horse Meat Fresh, Chilled, Frozen	111.2	124.2
Meat Cured	111.2	124.2
Meat, Prepared, Cooked not Canned	111.2	124.2
Meat Prepared, Canned	129.1	116.9
Animal Oils and Fats and Lard	119.5	106.3
Margarine, Shortening & Like Products	108.8	122.9
Sausage Casings, Natural and Synthetis	111.2	124.2
Primary Tankage	99.8	93.7
Milk, Whole, Fluid, Processed	115.4	145.2
Milk, Whole, Fluid, Unprocessed	117	116.2
Fresh Cream	117	116.2
Butter	106.8	107.9
Cheese, Cheddar & Processed	125.9	166.6
Milk Evaporated	109.7	130.9
Ice Cream	101.4	109.2
Other Dairy Products	112.2	124.2
Rice Unmilled	117	116.2
Wheat, Unmilled	117	116.2
Barley, Oats, Rye, Corn, Grain, NES	117	116.2
Wheat Flour	111.2	124.2
Fruits, Fresh, Except Tropical	111.2	124.2
Vegetables, Fresh	117	116.2
Vegetables, Fresh, Frozen, Dried & Preserved	111.2	124.2
Vegetables & Preparations Canned	111.2	124.2
Fruit, Berries, Dried, Crystalized	111.2	124.2
Fruits & Preparations Canned	111.2	124.2
Eggs in the Shell	117	116.2

(Continued)

Table 23 (Continued)

Commodity	1966	1971
Nuts, Edible, Not Shelled	111.2	124.2
Seeds, Except Oil and Seed Grades	111.2	124.2
Oil Seeds, Nuts and Kernels	111.2	124.2
Nuts, Kernels and Seeds Prepared	111.2	124.2
Meal & Flour of Other Cereals & Vegetables	111.2	124.2
Breakfast Cereal Products	111.2	124.2
Biscuits	111.4	128.2
Bread & Rolls	111.2	124.2
Other Baking Products	111.2	124.2
Cocoa and Chocolate	111.2	124.2
Chocolate Confectionery	111.2	124.2
Other Confectionery	111.2	124.2
Sugar	91.4	138.1
Molasses, Sugar Refinery Products	111.2	124.2
Oilseed, Meal & Cake	111.2	124.2
Maple Sugar & Syrup	111.2	124.2
Prepared Cake & Similar Mixes	111.2	124.2
Beet Pulp	111.2	124.2
Soups, Dried & Soup Mixes & Bases	103.6	113
Coffee, Roasted, Ground, Prepared	122.8	145.5
Tea	101.4	102.7
Potato Chips & Similar Products	98.4	107.7
Misc. Food, NES	111.2	124.2
Soft Drink Concentrates & Syrup	113.3	141.1
Carbonated Beverages, Soft Drinks	113.3	141.1
Soups, Canned	103.6	113
Pickles, Relishes, Other Sauces	107.7	127.5
Vinegar	121.6	134.1
Other Food Preparations	111.2	124.2
Fish Products	111.2	124.2
Mustard, Mayonnaise	107.7	127.5
Honey and Beeswax	117	116.2
Malt, Malt Flour & Wheat Starch	111.2	124.2
Alcoholic Beverages Distilled	111.2	124.2
Alcohol, Natural Ethyl	111.2	124.2
Brewers & Distillers' Grains	111.2	124.2
Ale, Beer, Stout & Porter	103.1	111.9
Wines	96.8	106.8
Tobacco Processed, Unmanufactured	117	116.2
Cigarettes	108.6	132.5

(Continued)

Table 23 (Continued)

Commodity	1966	1971
Tobacco Mfg. Except Cigarettes	101	128
Tobacco Raw	117	116.2
Vegetable Oils & Fats, Crude	111.2	124.2
Feeds of Animal Origin, NES	111.2	114.5
Primary or Concentrated Feeds	111.2	114.5
Feeds for Commercial Livestock	111.2	114.5
Feeds, Grain Origin NES	111	113.3
Feeds of Vegetable Origin, NES	111.2	124.2
Pet Feeds	111.2	124.2
Infant & Junior Foods, Canned	104.7	123.9
Hops Including Lupulin	109.4	96.5
Hay Forage & Straw	109.4	96.5
Hides & Skins, Raw NES	119	130.4
Mink Skins, Ranch & Undressed	119	130.4
Wool in Grease	110.8	103.8
Services Incidental to Agriculture & Forestry	111.2	124.2
Forestry Products	111.2	124.2
Fishing & Trapping Products	111.2	124.2
Textile Products	107.3	111.7
Knitted Products & Clothing	112	128.7
Lumber, Sawmill, Other Wood Products	126.1	161.7
Furniture & Fixtures	105.5	121.6
Paper & Paper Products	106.5	123.8
Printing & Publishing	112	124.2
Metallic Ores & Concentrates	115.3	132.3
Mineral Fuels	110	119.6
Non-Metallic Minerals	109.2	127.2
Services Incidental to Mining	111.2	124.2
Primary Metal Products	115.3	132.3
Metal Fabricated Products	115.3	132.3
Non-Metallic Mineral Products	109.2	124.6
Petroleum & Coal Products	95.1	113.9
Chemicals, Chemical Products	98.4	102.6
Nitrogen, Function Compounds, NES	98.4	102.6
Autos, Trucks, Other Transportation Equipment	101.9	116
Transportation & Storage	107.3	129.9
Electrical & Communications Products	95.9	100.8
Communication Services	97.8	91.8
Other Utilities	104	119.6
Misc. Manufacturing Products	112	124.2

(Continued)

Table 23 (Continued)

Commodity	1966	1971
Non-Residential Construction	120	134
Repair, Construction	120	134
Rubber, Leather, Plastic Products	115.8	120
Wholesale Margin	112	124.2
Retail Margin	112	124.2
Other Finance, Insurance & Real Estate	109	136.8
Business Services	109.4	125.4
Personal & Other Miscellaneous Services	112	125.4
Transportation Margin	112	124.2
Operating Office & Lab. & Food	106.1	124.2
Travel, Advertisement & Promotion	112	145.3
Imputed Rent, Owner Occupied Dwellings	112	124.2
Machinery & Equipment	112	124.2
Residential Construction	112	124.2
Nursery Stock & Related Material	112	124.2
Animal Material for Drugs & Perfume	112	124.2
Custom Work, Meat & Food	112	124.2
Non-Competing Imports	112	124.2
Unallocated Imports & Exports	112	124.2
Indirect Taxes	112	124.2
Labor Income	128.1	208
Net Income Unincorporated Business	112	124.2
Other Operating Surplus	112	124.2

Source - Statistics Canada: Catalogue 62-010