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Division

# IED Staff Report

A WORLD OILSEEDS DATA BASE

by

Gary W. Williams

January 1983

WAITE MEMORIAL BOOK COLLECTION  
DEPARTMENT OF AGRICULTURAL AND APPLIED ECONOMICS  
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1994 BUFORD AVENUE, UNIVERSITY OF MINNESOTA  
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International Economics Division  
Economic Research Service  
U.S. Department of Agriculture  
Washington, D.C. 20250

A WORLD OILSEEDS DATA BASE. By Gary Williams, International Economics Division, Economic Research Service, U.S. Department of Agriculture, Washington, D.C. 20250, January 1983. ERS Staff Report No. AGES830110.

#### ABSTRACT

This report provides a documented consistent data series for production, consumption, and trade in world oilseeds' markets. The data were assembled during the construction of world oilseeds models. This documented data base, assembled for the first time, will aid researchers in further studies of world oilseeds' trade.

Keywords: Oilseeds, Soybeans, Commodity trade.

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\* This paper was produced for limited distribution to the research community\*  
\* outside the U.S. Department of Agriculture. \*  
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## A WORLD OILSEEDS DATA BASE

Gary W. Williams\*

A major problem facing researchers studying world oilseeds markets is the lack of a consistent data base covering the production, consumption, trade and other factors affecting these markets. This report presents such a data base which was developed in order to estimate models of world oilseeds markets. This data base is useful to researchers studying world oilseeds markets because of its breadth of coverage and documented compilation of data from many sources.

The data is listed and annotated as output from the TROLL econometric/simulation package. The data items are arranged alphabetically by name. Each data item's name is followed by a detailed comment giving the source; the data itself follows. In cases where a data item is derived from other variables in the data base, the derivation formula is given in place of a source. Questions concerning the data can be answered by consulting the authors references at the end of this report or the author himself.

### ABBREVIATION CONVENTIONS

The abbreviation convention used to name the data items is a five- or six-letter system designed to provide quick recognition of the meaning of each abbreviation. For the supply, crush, demand, inventory, crushing margins, prices, excess supply, excess demand and residual variables, the convention used is as follows:

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\*The author was formerly with the International Economics Division of the Economics and Statistics Service, U.S. Department of Agriculture. He is currently Senior Economist with Chase Econometrics Associates, Inc.

First Letter - Activity

S = supply

C = crush

D = demand

I = ending inventory

M = crush margin

E (followed by D) = excess demand

E (followed by S) = excess supply

P = price

R = residual

Second and Third Letters - Commodity

SB = soybeans

SM = soymeal

SO = soyoil

CS = cottonseed meal

CM = cottonseed meal

CO = cottonseed oil

PK = palm kernels

KM = palm kernel meal

KO = palm kernel oil

MO = palm oil

CP = copra

NM = copra meal

NO = coconut oil

CN = corn

WT = wheat

CT = cotton

GS = grain sorghum

PN = peanuts

PM = peanut meal

PO = peanut oil

RS = rapeseed

RM = rapemeal

RO = rapeoil

OL = oleic-linoleic/linolenic oils

LC = lauric oils

AF = Animal fats

IO = industrial oils

FO = fish oils

SH = shortening

MG = margarine

BT = butter

LD = lard

HP = high protein meals

LP = low protein meals

FM = fish meal



Fourth and Fifth Letters - Country or Region

AF = Africa	EC = European Community (9 members)
AO = Asia and Oceania (excluding PRC and Japan)	JP = Japan
BZ = Brazil	RW = Rest of the World
CN = Canada	US = United States

Many of the symbols used for data items which typically might be exogenous in a model, however, do not follow this exact convention. Many of the common abbreviations are the following:

BW = bad weather (followed by above commodity and region abbreviations)

INC = income (followed by above country abbreviation)

CAP = crush capacity (followed by above country abbreviation)

DM = dummy variable (followed by a number or letter and then the above commodity and country abbreviations)

T = fraction of total demand of the given commodity group accounted for by an individual commodity (followed by the above commodity and country abbreviations)

CPI = consumer price index (followed by above country abbreviation)

PPI = producer price index (followed by above country abbreviation)

WPI = wholesale price index (followed by above country abbreviation)

OLM = oleic-linoleic/linolenic and palm oil (preceded by an activity abbreviation and followed by a country abbreviation)

X = exchange rate (followed by two country abbreviations - the second of the two being the numeraire)

Z = all factors which come between the prices for any commodity of any two countries or regions (followed by commodity abbreviation and two country abbreviations - the first being the importer and the second the exporter)

GAU and RAU = grain-consuming and roughage-consuming animal units, respectively (followed by above country abbreviation)

There are some other single and limited use exogenous variables whose abbreviations do not fit into any of the above categories. If the reader has questions about these variables, he should contact the author.

#### BREAKDOWN OF AGGREGATE REGIONS

The country breakdown for each of the four aggregate regions is as follows:

- Africa (AF) = all countries and islands of continental Africa;
- Asia and Oceania (AO) = all countries of Asia including the Middle East and Turkey (Egypt included with Africa), West Asia, South Asia, Southeast Asia, Islands of the Pacific (excluding Japan) and Australia (the People's Republic of China is excluded);
- European Community (EC) = includes only the nine current members of the EC (Belgium/Luxembourg, France, Italy, Ireland, Denmark, Netherlands, United Kingdom, West Germany);
- Rest of the World (RW) = includes all countries not included in AF, AO, BZ, CN, EC, JP or US. These include principally all Latin American countries except Brazil, all West European countries which are not members of the European Community and East European countries. The Soviet Union and the People's Republic of China are excluded.

#### DATA PROBLEMS

The two major data problems confronted in this data base were the widely varying periodicities of the available data and the unavailability of oilseed crush, oil and meal domestic disappearance and stock data for several regions. The time periods of the data used were matched up according to the following criteria: (1) the periodicities of the production, disappearance and trade data should be as consistent as possible within each individual region, (2) the periodicities of the price series in each region should be as consistent as possible with the quantity data within each individual

region, and (3) the periodicities of the trade data and price series from (1) and (2) should be as consistent as possible among trading regions. Table 1 indicates the results of applying these criteria to the data. For the United States, Canada and Brazil, crop year data were utilized within each region (see caveat for Brazil in footnote 1 of Table 1). For the other regions, in general, the oilseed production data in the late months of the preceding year were matched with the available trade data for the immediately following calendar year. The only major problem between regions was the determination of the appropriate correspondence between the data for the Brazilian soybean market and that for the other trading regions. Because the U.S. and Brazilian soybean harvests occur about six months apart, the question was whether the April-March soybean crop year data for Brazil should be matched with the U.S. September-August soybean crop year data beginning in the same or in the immediately preceding year. The results of other research (Williams [2], [3] and Williams and Thompson [4] indicate that the most reasonable results are generated by matching the April-March data for Brazil with the September-August crop year data beginning in the previous year. Thus, the sample period of the U.S. soybean data covered September 1959 - August 1960 through September 1977 - August 1978. The sample period for the Brazilian soybean data was April 1960 - March 1961 through April 1978 - March 1979.

Because, in general, the data for oilseed crush and for oil and meal production and disappearance were not available for Brazil, the European Community, Japan, Africa and Asia-Oceania, they were constructed as follows: oilseed crush was calculated as a given percentage of the available supply of oilseed in the region (defined as production minus net exports or plus net imports). Table 2 gives the assumed percentages used to calculate the crush

Table 1--Periodicity of the data, 1960-1978.\*

	UNITED STATES (U.S.)				BRAZIL (BZ)		EUROPEAN COMMUNITY (EC)		JAPAN (JP)	
	Produc- tion	Net		Ending Stocks	Produc- tion	Net	Produc- tion	Net	Produc- tion	Net
		Exports (X) or Imports (M)	Disap- pearance			Exports (X) or Imports (M)		Exports (X) or Imports (M)		Exports (X) or Imports (M)
<b>Oilseeds</b>										
Soybeans	S (-1)	S (X)(-1)	S (-1)	S (-1)	Ap	Ap (X) 1/	--	Ja (M)	--2/	Ja (M)
Cottonseed	Ag(-1)	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	--	--	Ja (M)	--	Ja (M)
Peanuts	Ag(-1)	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	--	--	Ja (M)	--2/	Ja (M)
Rapeseed	--	--	--	--	--	--	J1(-1)	Ja (M)	Jn(-1)	Ja (M)
Palm kernels	--	--	--	--	--	--	--	Ja (M)	--	Ja (M)
Copra	--	--	--	--	--	--	--	Ja (M)	--	Ja (M)
<b>Oils</b>										
Soyoil	.179	O (X)(-1)	O (-1)	O (-1)	.185	Ap (X) 1/	.177	Ja (X)	.179	Ja (M)
Cottonseed oil	.16	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	--	.2	Ja (M)	.16	Ja (M)
Peanut oil	.317	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	--	.31	Ja (M)	.317	Ja (M)
Rape oil	--	--	--	--	--	--	.35	Ja (X)	.40	Ja (M)
Palm kernel oil	--	O (M)(-1)	O (-1)	O (-1)	--	--	.49	Ja (M)	--	--
Palm oil	--	O (M)(-1)	O (-1)	O (-1)	--	--	--	Ja (M)	--	Jn (M)
Cocunut oil	.64	O (M)(-1)	O (01)	O (-1)	--	--	.64	Ja (M)	.64	Jn (M)
<b>Meals</b>										
Soymeal	.795	O (X)(-1)	O (-1)	O (-1)	.75	Ap (X) 1/	.795	Jn (M)	.795	Jn (M)
Cottonseed meal	.454	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	--	.425	Jn (M)	.454	Jn (M)
Peanut meal	.419	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	--	.395	Ja (M)	.419	Ja (M)
Rape meal	--	--	--	--	--	--	.62	Ja (M)	.57	Ja (M)
Palm kernel meal	--	--	--	--	--	--	.49	Ja (M)	--	--
Copra meal	--	--	--	--	--	--	.35	Ja (M)	.35	Ja (M)
		CANADA (CN)			AFRICA (AF) 3/		ASIA-OCEANIA (AO) 3/			
<b>Oilseeds</b>										
Soybeans	Ag(-1)	Ag (-1)	Ag(-1)	Ag(-1)	--	--	--	--		
Cottonseed	--	--	--	--	Ag(-1)	Ja (X)	S (-1)	Ja (X)		
Peanuts	--	--	--	--	N (-1)	Ja (X)	S (-1)	Jn (X)		
Rapeseed	Ag(-1)	Ag(X)(-1)	Ag(-1)	Ag(-1)	--	Ja (M)	Ja	Ja (M)		
Palm kernels	--	--	--	--	Ja	Ja (X)	Ja	Ja (X)		
Copra	--	--	--	--	Ja	Ja (X)	Ja	Ja (X)		

Table 1--Continued.

	CANADA (CN)			AFRICA (AF) 3/		ASIA-OCEANIA (AO) 3/		
<b>Oils</b>								
Soyoil	.179	Ag (-1)	Ag(-1)	Ag(-1)	--	Ja (M)	--	Ja (M)
Cottonseed oil	--	--	--	--	.18	Ja (X)	.15	Ja (M)
Peanut oil	--	--	--	--	.355	Ja (X)	.33	Ja (M)
Rape oil	.40	Ag(X)(-1)	Ag(-1)	Ag(-1)	.35	Ja (M)	.34	Ja (M)
Palm kernel oil	--	--	--	--	.45	Ja (X)	.45	Ja (X)
Palm oil	--	--	--	--	1.35 4/	Ja (X)	4.64 4/	Ja (X)
Coconut oil	--	--	--	--	.62	Ja (M)	.62	Ja (X)
<b>Meals</b>								
Soymeal	.795	Ag (-1)	Ag(-1)	Ag(-1)	--	--	--	--
Cottonseed meal	--	--	--	--	.445	Ja (X)	.475	Ja (X)
Peanut meal	--	--	--	--	.40	Ja (X)	.4125	Ja (X)
Rape meal	.57	Ag(X)(-1)	Ag(-1)	Ag(-1)	.62	Ja (X)	.65	Ja (X)
Palm kernel meal	--	--	--	--	.53	Ja (X)	.53	Ja (X)
Copra meal	--	--	--	--	.37	Ja (X)	.37	Ja (X)

\* Data are for 12 months beginning in the month indicated in year t. Data followed by (-1) begin in the month indicated in year (t-1). With the exception of the U.S. and Canada where such data are available, oilseed crush data are calculated as a given percentage of the difference between production and net exports or the sum of production and net imports (see table 2 for the percentages used). Also, for all countries except the United States and Canada, oil and meal disappearance is calculated as the appropriate extraction rate (shown in production columns in this table) times the volume of the oilseed crushed minus net exports or plus net imports. Ending stocks and consumption data available for only the United States and Canada.

1/ Before April 1969-March 1970 trade data are on a calendar year basis. This causes little problem since in those early years Brazilian trade was very small and tended to be completed between April and December of each year.

2/ Japanese soybean and peanut production is small and mainly for direct human consumption.

3/ Oilseed crop year varies among countries in the aggregate regions. The month shown is thus an approximate starting month of the crop year.

4/ This is the ratio of the palm oil fresh fruit bunch divided by the ratio of palm kernels per fresh fruit bunch (which yields the ratio of palm oil per palm kernel in a fresh fruit bunch). The Asia-Oceania ratio is higher than the Africa ratio, reflecting the higher oil content of high yielding plantation varieties of fresh fruit bunches in Asia.

-- = Not applicable.

Ja = January;  
Jl = July;

F = February;  
Ag = August;

Mr = March;  
S = September;

Ap = April;  
O = October;

My = May;  
N = November;

Jn = June;  
D = December.

Table 2--Percentages of available supply of oilseeds<sup>1/</sup> assumed to be crushed in each region

	<u>U.S.</u>	<u>BZ</u>	<u>EC</u>	<u>CN</u>	<u>JP</u>	<u>AF</u>	<u>AO</u>
Soybeans	n.a.	n.a.	94	n.a.	<sup>2/</sup> 80	--	--
Cottonseed	n.a.	--	90	--	95	80	70
Peanuts	n.a.	--	80	n.a.	<sup>3/</sup> 50	75	62
Rapeseed	--	--	90	--	n.a.	90	90
Palm Kernels	--	--	100	--	--	100	95
<u>Copra</u>	<u>--</u>	<u>--</u>	<u>100</u>	<u>--</u>	<u>100</u>	<u>100</u>	<u>100</u>

<sup>1/</sup>The "available supply" in general is production minus net exports or plus net imports in each region where applicable.

<sup>2/</sup>Japanese soybean crush was calculated as 80 percent of imports. In 1978, a percentage of 77 was assumed because of a deliberate policy to import soybeans solely for stockpiling (see Coyle [1] for more detail).

<sup>3/</sup>Japanese peanut crush was calculated as 50 percent of imports.

-- = Not applicable.

n.a. = No assumption made. Data available.

of each oilseed in each region where applicable. Oil and meal production were then calculated as the appropriate extraction rate (given in table 1) times the calculated crush. Finally, the disappearance of each oil and meal was calculated as the production of the oil and meal minus net exports or plus net imports of the oil or meal. For the United States and Canada, the data for the various quantity variables were taken from available sources. Since stock data were available for only the United States and Canada, the crush and oil meal disappearance data for the other regions unfortunately include any changes in stocks during each year. This may not present much of a problem, though, since inventories of these commodities outside the United States and Canada reportedly tend to account for a very small proportion of domestic disappearance.

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WORLD OILSEEDS DATABASE

ACBBZ - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

ACREAGE PLANTED TO COFFEE IN BRAZIL IN 1000 HECTARES (CALENDAR YEAR)  
SOURCE: CONJUNTURA ECONOMICA

1960	4419.5	4691.7	4420.3	4081.8
1964	3845.9	3511.1	3057.5	2791.7
1968	2622.9	2570.9	2403.	2563.5
1972	2600.	2079.7	2209.7	2169.
1976	1065.	1816.	2007.	

ACQUS - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1959 TO 1978

FARMER'S STOCK BASIS PEANUTS PUT UNDER SUPPORT IN THE U.S. (LOANS  
ACQUISITIONS AND DIRECT PURCHASES) IN MILLIONS OF LBS. (YEAR ENDING JULY)  
SOURCE: AGRICULTURAL STATISTICS

1959	400.	368.	352.	245.
1963	360.	451.	645.	733.
1967	814.	685.	699.	622.
1971	1084.	1236.	1277.	1029.
1975	1072.	1136.	854.	535.

AVCPAD - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING DROP IN AVAILABILITY OF COPRA IN OTHER ASIA-  
OCEANIA DUE TO DROUGHT IN PRODUCING AREAS IN 1965, 67-69, 73, AND 74.  
1=YEARS OF DROP IN AVAILABILITY 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	0.	1.
1968	1.	1.	0.	0.
1972	0.	1.	1.	0.
1976	0.	0.	0.	

MUPBZ - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1959 TO 1978

BALANCE OF PAYMENTS IN BRAZIL IN US \$ MILLION (CALENDAR YEAR)  
SOURCE: IMF, IFS

1959	-8.	-24.	101.	-114.
1963	-39.	33.	209.	3.
1967	-222.	110.	481.	493.
1971	464.	2431.	2295.	-984.
1975	-1067.	2672.	520.	4630.

MUSDBZ - DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING THE PERIOD PRIOR TO THE INSTITUTION OF  
SOYBEAN EXPORT QUOTAS IN BRAZIL, 1960-1964

1960	1.	1.	1.	1.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	

MWCBUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BAD WEATHER IN COTTONSEED PRODUCING AREAS  
OF U.S. IN 1962, 67, 68, 70, 71, 74-76.  
1=YEARS OF BAD WEATHER 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	1.
1968	1.	0.	1.	1.
1972	0.	0.	1.	1.
1976	1.	0.	0.	

MWPNUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BAD WEATHER IN PEANUT PRODUCING AREAS OF U.S.  
IN 1960, 62, 77, AND 78. 1=YEARS OF BAD WEATHER 0=ALL OTHER YEARS

1960	1.	0.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	1.	1.	

WRSBEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BAD WEATHER IN RAPESEED PRODUCING AREAS OF  
THE EC IN 1961, 64, 76, AND 78. 1=YEARS OF BAD WEATHER 0=ALL OTHER YEARS

1960	0.	1.	0.	0.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	0.	1.	0.

WRSKWH - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BAD WEATHER IN RAPESEED PRODUCING AREAS OF  
THE REST OF THE WORLD IN 1974, 76, AND 78. 1=YEARS OF BAD WEATHER 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	0.
1976	1.	0.	1.	0.

WRSBEN - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BAD WEATHER IN SOYBEAN PRODUCING AREAS  
OF CANADA IN 1964, 68, AND 75. 1=YEARS OF BAD WEATHER 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

WRSBUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BAD WEATHER IN SOYBEAN-PRODUCING AREAS OF  
THE U.S. IN 1975. 1=YEARS OF BAD WEATHER 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

CAPAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

DILSEED CRUSH CAPACITY IN AFRICA (TIME TREND)

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

CAPAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

DILSEED CRUSH CAPACITY IN ASIA AND OCEANIA (TIME TREND)

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

CAPBZ - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

DILSEED CRUSH CAPACITY IN BRAZIL IN 1000 M.T. (YEAR BEGINNING APRIL)  
SOURCE: CALCULATED

1960	210.	210.	379.5	379.5
1964	529.5	544.5	562.5	595.5
1968	613.5	775.	1405.3	2040.5
1972	2670.8	3300.	5000.	6200.
1976	8200.	11500.	12500.	

CAPCN - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

OILSEED CRUSH CAPACITY IN CANADA (TIME TREND)

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

CAPEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

OILSEED CRUSH CAPACITY IN EUROPEAN COMMUNITY (TIME TREND)

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

CAPJP - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

OILSEED CRUSH CAPACITY IN JAPAN (TIME TREND)

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

CAPUS - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

OILSEED CRUSH CAPACITY IN U.S. IN 1000 M.T. (YEAR ENDING AUGUST)  
SOURCE: FATS AND OILS STATISTICS, FATS AND OILS SITUATION

1960	13608.	14288.	14500.	14969.
1964	15649.	14921.	16329.	17690.
1968	20412.	20412.	21772.	23814.
1972	24494.	25174.	27216.	28576.
1976	29937.	32659.	34019.	

CCCUS - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CCC OWNED STOCKS OF PEANUTS IN U.S. AT BEGINNING OF CROP YEAR (YEAR ENDING JULY) SOURCE: AGRICULTURAL STATISTICS

1960	198.	174.	104.	70.
1964	107.	107.	85.	89.
1968	114.	12.	0.	0.
1972	11.	4.	24.	0.
1976	552.	958.	0.	

CCPAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF COPHA IN AFRICA IN 1000 M.T. SOURCE: CALCULATED AS 100% OF DOMESTIC SUPPLY

1960	19.	13.	17.	26.
1964	36.	28.	32.	36.
1968	30.	48.	49.	49.
1972	74.	75.	69.	60.
1976	92.	101.	127.	

CCPAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF COPRA IN ASIA-OCEANIA IN 1000 M.T. SOURCE: CALCULATED AS 100% OF DOMESTIC SUPPLY

1960	1714.	1875.	1748.	2064.
1964	1895.	1894.	2033.	1957.
1968	2054.	2026.	2457.	2833.
1972	3067.	2718.	2826.	3376.
1976	4019.	3652.	4053.	

CCPEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF COPRA IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE: CALCULATED AS 100% OF DOMESTIC SUPPLY

1960	658.	713.	592.	626.
1964	961.	626.	712.	574.
1968	898.	497.	349.	493.
1972	696.	508.	279.	718.
1976	835.	570.	420.	

CCPJJP - DATE REVISED: 11/19/80  
ANNUAL DATA FROM 1959 TO 1978

CRUSH OF COPRA IN JAPAN IN 1000 M.T. SOURCE: CALCULATED AS 100% OF DOMESTIC SUPPLY

1959	55.	85.	80.	89.
1963	108.	86.	94.	108.
1967	112.	126.	109.	127.
1971	122.	124.	134.	86.
1975	90.	111.	98.	90.

CCPUS - DATE REVISED: 1/13/81  
ANNUAL DATA FROM 1960 TO 1979

CRUSH OF IMPORTED COPRA IN THE U.S. IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: U.S. FATS AND OILS STATISTICS

1960	340,938	360.	311,875	257,344
1964	238,906	251,563	272,188	229,688
1968	283,438	266,563	211,25	43,75
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

CCBAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF CUTTONSEED IN AFRICA IN 1000 M.T. SOURCE: CALCULATED AS 80% OF DOMESTIC SUPPLY

1960	1249.	1236.	953.	1216.
1964	1324.	1292.	1423.	1425.
1968	1344.	1466.	1746.	1622.
1972	1718.	1670.	1847.	1678.
1976	1615.	1749.	1654.	

CCSAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF CUTTONSEED IN ASIA-OCEANIA IN 1000 M.T. SOURCE: CALCULATED AS 70% OF DOMESTIC SUPPLY

1960	2207.	2634.	2577.	2953.
1964	3177.	2967.	2934.	3030.
1968	3326.	3364.	3367.	3190.
1972	4062.	3929.	3884.	4186.
1976	3692.	3322.	3977.	

CCSEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF CUTTONSEED IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE: CALCULATED AS 90% OF DOMESTIC SUPPLY

1960	137.	127.	199.	196.
1964	114.	113.	54.	30.
1968	23.	29.	9.	5.
1972	2.	3.	5.	2.
1976	1.	1.	1.	

CCBJP - DATE REVISED: 11/19/80  
ANNUAL DATA FROM 1959 TO 1978

CRUSH OF CUTTONSEED IN JAPAN IN 1000 M.T. SOURCE: CALCULATED AS 95% OF IMPORTS

1959	117.	67.	95.	142.
1963	160.	196.	206.	253.
1967	205.	234.	232.	282.
1971	236.	171.	151.	117.
1975	110.	90.	90.	87.



CCSUS - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF CATTONSEED IN U.S. IN 1000 M.T. (CROP YEAR ENDING JULY)  
SOURCE: FATS AND OILS SITUATION

1960	4981.	4855.	5025.	5292.
1964	5341.	5376.	5202.	5439.
1968	2819.	3956.	3561.	3362.
1972	3593.	4427.	4347.	3834.
1976	2678.	3174.	3913.	

CPIAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1945 TO 1978

CONSUMER PRICE INDEX IN AFRICA, 1967=100 (CALENDAR YEAR) SOURCE:  
IMF, IFS

1945	0.37	0.395	0.415	0.439
1949	0.464	0.466	0.522	0.551
1953	0.559	0.567	0.577	0.599
1957	0.628	0.66	0.684	0.69
1961	0.729	0.743	0.773	0.848
1965	0.891	0.937	1.	1.089
1969	1.146	1.198	1.247	1.314
1973	1.443	1.711	2.024	2.407
1977	2.937	3.504		

CPIAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CONSUMER PRICE INDEX IN OTHER ASIA-OCEANIA, 1967=100 (CALENDAR YEAR)  
SOURCE: IMF

1960	0.637	0.652	0.668	0.691
1964	0.767	0.825	0.901	1.
1968	1.031	1.058	1.113	1.171
1972	1.252	1.458	1.876	2.062
1976	2.047	2.21	2.336	

CPIBZ - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

WHOLESALE PRICE INDEX IN BRAZIL, 1965=67=100, CONSUMER PRODUCTS FOR  
DOMESTIC USE (CALENDAR YEAR) SOURCE: CONJUNTURA ECONOMICA

1960	0.0679	0.0926	0.149	0.254
1964	0.465	0.684	1.03	1.29
1968	1.5	1.85	2.28	2.93
1972	3.52	4.08	5.2	6.68
1976	9.86	14.14	20.29	

CPICN - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CONSUMER PRICE INDEX IN CANADA, 1970=100 (CALENDAR YEAR) SOURCE:  
IMF, IFS

1960	0.764	0.772	0.781	0.793
1964	0.809	0.826	0.859	0.89
1968	0.926	0.967	1.	1.028
1972	1.078	1.16	1.286	1.425
1976	1.531	1.654	1.802	

CPIEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CONSUMER PRICE INDEX IN EUROPEAN COMMUNITY, 1970=100 (CALENDAR YEAR)  
SOURCE: CALCULATED FROM DATA IN IMF, IFS

1960	0.704	0.72	0.747	0.778
1964	0.802	0.833	0.862	0.884
1968	0.916	0.953	1.	1.063
1972	1.128	1.218	1.504	1.552
1976	1.707	1.88	2.011	

CPIJP - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CONSUMER PRICE INDEX IN JAPAN, 1967=100 (CALENDAR YEAR) SOURCE:  
JAPAN STATISTICAL YEARBOOK

1960	0.658	0.683	0.72	0.767
1964	0.827	0.858	0.916	0.961
1968	1.	1.053	1.109	1.193
1972	1.267	1.323	1.479	1.64
1976	2.058	2.249	2.43	

CPIUS - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CONSUMER PRICE INDEX IN U.S., 1967=100 (CALENDAR YEAR) SOURCE:  
BUSINESS STATISTICS

1960	0.866	0.896	0.906	0.917
1964	0.926	0.945	0.972	1.
1968	1.042	1.098	1.163	1.213
1972	1.253	1.331	1.477	1.612
1976	1.705	1.815	1.953	

CPKAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PALM KERNELS IN AFRICA IN 1000 M.T. SOURCE: CALCULATED AS 100%  
OF DOMESTIC SUPPLY

1960	151.	163.	139.	172.
1964	166.	217.	227.	369.
1968	291.	349.	366.	343.
1972	376.	393.	392.	407.
1976	313.	448.	543.	

CPKAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PALM KERNELS IN OTHER ASIA-OCEANIA IN 1000 M.T. SOURCE:  
CALCULATED AS 95% OF DOMESTIC SUPPLY

1960	1.	10.	13.	16.
1964	19.	23.	30.	28.
1968	31.	44.	75.	111.
1972	161.	201.	246.	286.
1976	316.	382.	432.	

CPKEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PALM KERNELS IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE:  
CALCULATED AS 100% OF DOMESTIC SUPPLY

1960	655.	620.	598.	586.
1964	598.	561.	523.	299.
1968	336.	344.	343.	401.
1972	322.	230.	302.	245.
1976	303.	250.	140.	

CPNAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PEANUTS IN AFRICA IN 1000 M.T. SOURCE: CALCULATED AS 75% OF  
DOMESTIC SUPPLY

1960	1496.	1879.	1965.	2306.
1964	2309.	2314.	2838.	2963.
1968	2357.	2760.	3103.	2619.
1972	3165.	2951.	2768.	3196.
1976	3166.	3066.	2986.	

CPNAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PEANUTS IN OTHER ASIA-OCEANIA IN 1000 M.T. SOURCE: CALCULATED  
AS 82% OF DOMESTIC SUPPLY

1960	3676.	3784.	3699.	3684.
1964	4404.	3350.	3358.	3504.
1968	4379.	3651.	4090.	4744.
1972	4788.	3410.	4499.	6130.
1976	5044.	4344.	4765.	

CPNEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PEANUTS IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE: CALCULATED  
AS 80% OF TOTAL SUPPLY

1960	803.	1021.	1138.	1159.
1964	960.	939.	1040.	1044.
1968	1178.	901.	705.	538.
1972	440.	556.	546.	513.
1976	617.	444.	456.	

CPNUS - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF PEANUTS IN U.S. IN 1000 M.T. (CROP YEAR ENDING IN JULY)  
SOURCE: FATS AND OILS STATISTICS, FATS AND OILS SITUATION

1960	132.	104.	116.	137.
1964	172.	215.	235.	266.
1968	292.	297.	264.	362.
1972	369.	386.	310.	268.
1976	656.	503.	221.	

CRBAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF RAPESEED IN AFRICA IN 1000 M.T. SOURCE: CALCULATED AS 90% OF  
DOMESTIC SUPPLY

1960	67.	89.	63.	83.
1964	77.	69.	71.	80.
1968	81.	86.	79.	66.
1972	84.	70.	71.	54.
1976	90.	104.	93.	

CRBAD - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF RAPESEED IN OTHER ASIA-OCEANIA IN 1000 M.T. (CROP YEAR ENDING  
MARCH-APRIL) SOURCE: CALCULATED AS 90% OF DOMESTIC SUPPLY

1960	1255.	1507.	1508.	1503.
1964	1109.	1631.	1434.	1408.
1968	1796.	1574.	1829.	2308.
1972	1763.	2136.	2014.	2451.
1976	2174.	1859.	2018.	

CRBCN - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF RAPESEED IN CANADA IN 1000 M.T. (CROP YEAR ENDING JULY)  
SOURCE: GRIFFITH

1960	5.	22.	30.	37.
1964	36.	56.	85.	112.
1968	117.	157.	176.	195.
1972	273.	353.	334.	276.
1976	347.	550.	630.	

CRSEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF RAPESEED IN EUROPEAN COMMUNITY IN 1000 M.T. (CROP YEAR ENDING  
JUNE-AUGUST) SOURCE: CALCULATED AS 90% OF TOTAL SUPPLY

1960	240.	210.	245.	344.
1964	189.	494.	640.	646.
1968	778.	802.	1012.	1553.
1972	1554.	1584.	906.	1229.
1976	971.	1278.	993.	

CRBJP - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF RAPESEED IN JAPAN IN 1000 M.T. (CROP YEAR ENDING JUNE)  
SOURCE: GRIFFITH

1960	266.	295.	298.	193.
1964	219.	241.	293.	296.
1968	327.	335.	352.	437.
1972	560.	695.	662.	668.
1976	635.	766.	823.	

CRBBZ - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF SOYBEANS IN BRAZIL IN 1000 M.T. (CROP YEAR ENDING MARCH)  
SOURCE: FATS AND OILS SITUATION

1960	185.	171.	213.	256.
1964	276.	396.	414.	339.
1968	523.	641.	1098.	1681.
1972	2384.	2592.	4043.	5720.
1976	6671.	8553.	8748.	

CSBCN - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF SOYBEANS IN CANADA IN 1000 M.T. (CROP YEAR ENDING JULY)  
SOURCE: GRAIN TRADE OF CANADA

1960	465.	443.	460.	486.
1964	506.	532.	562.	541.
1968	540.	546.	644.	638.
1972	635.	613.	642.	635.
1976	723.	685.	728.	

CSBEC - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF SOYBEANS IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE: CALCULATED  
AS 94% OF TOTAL SUPPLY

1960	2407.	1909.	2489.	2454.
1964	2992.	2886.	3322.	3496.
1968	3407.	3730.	5331.	5427.
1972	5867.	6586.	6414.	7640.
1976	8490.	8481.	10202.	

CSBJP - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

CRUSH OF SOYBEANS IN JAPAN IN 1000 M.T. SOURCE: GRIFFITH

1960	1015.	1042.	1164.	1390.
1964	1446.	1662.	1951.	1953.
1968	2179.	2073.	2595.	2570.
1972	2717.	2908.	2595.	2667.
1976	2843.	2882.	3296.	

CSBUS - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1959 TO 1978

CRUSH OF SOYBEANS IN U.S. IN 1000 M.T. (CROP YEAR ENDING AUGUST)  
SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1959	10854.	10723.	11052.	11741.
1963	12868.	11888.	13036.	14626.
1967	15224.	15687.	16490.	20066.
1971	20687.	19609.	19644.	22352.
1975	19086.	23544.	21506.	25221.

DHLPAD - DATE REVISED: 11/19/80  
ANNUAL DATA FROM 1960 TO 1978

DHLPAD = DMPAD+DLPAD

1960	2652.	2902.	2513.	2571.
1964	2502.	2261.	2276.	2442.
1968	3014.	2872.	3075.	3704.
1972	3649.	2903.	3585.	3962.
1976	3565.	3312.	4262.	

DMPAF - DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN AFRICA IN 1000 M.T. SOURCE: CALCULATED

1960	701.	639.	762.	972.
1964	842.	830.	1079.	1062.
1968	678.	989.	1177.	1147.
1972	1117.	1205.	1371.	1293.
1976	1231.	1344.	1507.	

DMPAD - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN OTHER ASIA-OCEANIA IN 1000 M.T.  
SOURCE: CALCULATED

1960	2441.	2679.	2314.	2347.
1964	2369.	2140.	2124.	2332.
1968	2854.	2691.	2881.	3478.
1972	3417.	2691.	3354.	3682.
1976	3296.	3064.	3956.	

DHPBZ - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN BRAZIL IN 1000 M.T. SOURCE: CALCULATED

1960	492.	472.	652.	571.
1964	651.	658.	654.	538.
1968	700.	682.	710.	619.
1972	766.	1103.	1082.	1231.
1976	1190.	1536.	1546.	

DHPCN - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN CANADA IN 1000 M.T. SOURCE: CALCULATED

1960	364.	424.	433.	446.
1964	412.	433.	509.	537.
1968	541.	607.	681.	697.
1972	681.	714.	783.	812.
1976	958.	931.	1072.	

DHPEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN EUROPEAN COMMUNITY IN 1000 M.T.  
SOURCE: CALCULATED

1960	4245.	3957.	5234.	5344.
1964	5618.	6171.	7148.	7033.
1968	7127.	7571.	9262.	9822.
1972	10491.	10586.	11127.	11362.
1976	13181.	13226.	14490.	

DHPJP - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN JAPAN IN 1000 M.T. SOURCE: CALCULATED

1960	917.	1019.	1084.	1233.
1964	1311.	1535.	1769.	1759.
1968	1983.	1939.	2426.	2339.
1972	2490.	2918.	2476.	2399.
1976	2756.	2958.	3348.	

DHPUS - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1958 TO 1978

DEMAND FOR HIGH PROTEIN MEALS IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1958	8874.	9826.	9489.	9949.
1962	10354.	10695.	10384.	10486.
1966	11333.	11236.	10933.	12019.
1970	13759.	13554.	13377.	12593.
1974	14166.	12837.	15363.	14005.
1978	16235.			

DLCAP - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR LAURIC OIL IN AFRICA IN 1000 M.T. SOURCE: CALCULATED

1960	41.	42.	44.	67.
1964	58.	79.	64.	95.
1968	53.	92.	117.	106.
1972	157.	154.	148.	181.
1976	182.	240.	259.	

DLCAD - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR LAURIC OIL IN OTHER ASIA-OCEANIA IN 1000 M.T.  
SOURCE: CALCULATED

1960	887.	970.	791.	938.
1964	791.	694.	832.	863.
1968	824.	919.	1058.	1251.
1972	1276.	1190.	1247.	1363.
1976	1523.	1521.	1619.	

DLCEC - DATE REVISED: 11/15/80  
ANNUAL DATA FROM 1959 TO 1978

DEMAND FOR LAURIC OIL IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE: CALCULATED

1959	645.	776.	834.	705.
1963	756.	731.	768.	813.
1967	649.	649.	601.	556.
1971	696.	684.	717.	522.
1975	760.	921.	731.	722.

DLCJP - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR LAURIC OIL IN JAPAN IN 1000 M.T. SOURCE: CALCULATED

1960	50.	51.	57.	69.
1964	55.	59.	69.	72.
1968	81.	71.	82.	76.
1972	89.	109.	67.	77.
1976	101.	90.	86.	

DLCUS - DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1958 TO 1978

DEMAND FOR LAURIC OIL IN UNITED STATES IN 1000 M.T. SOURCE: CALCULATED

1958	315.	317.	314.	338.
1962	381.	386.	403.	391.
1966	428.	405.	422.	410.
1970	426.	335.	319.	350.
1974	299.	381.	602.	550.
1978	502.			

DLPAF - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR LOW PROTEIN MEALS IN AFRICA IN 1000 M.T. SOURCE: CALCULATED

1960	12.	14.	12.	21.
1964	15.	22.	16.	30.
1968	13.	25.	32.	28.
1972	38.	45.	37.	48.
1976	35.	70.	79.	

DLPAD - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR LOW PROTEIN MEALS IN OTHER ASIA-OCEANIA IN 1000 M.T. SOURCE: CALCULATED

1960	211.	223.	199.	224.
1964	133.	121.	152.	150.
1968	160.	181.	194.	226.
1972	232.	212.	231.	280.
1976	269.	248.	306.	

DLPEC - DATE REVISED: 11/15/80  
ANNUAL DATA FROM 1959 TO 1978

DEMAND FOR LOW PROTEIN MEALS IN EUROPEAN COMMUNITY IN 1000 M.T. SOURCE: CALCULATED

1959	282.	323.	333.	334.
1963	361.	387.	400.	473.
1967	381.	364.	382.	384.
1971	453.	531.	493.	411.
1975	495.	659.	536.	555.

DLPJP - DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR LOW PROTEIN MEALS IN JAPAN IN 1000 M.T. SOURCE: CALCULATED

1960	13.	12.	14.	17.
1964	14.	16.	17.	16.
1968	19.	17.	19.	19.
1972	19.	21.	13.	14.
1976	18.	16.	15.	

DMHPU - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN DHLPAU DATA IN 1961,  
1964, 1968, 1972, 1976, 1978. 0=ALL OTHER YEARS

1960	0.	1.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMOAF - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR PALM OIL IN AFRICA IN 1000 M.T. SOURCE: CALCULATED

1960	728.	747.	708.	753.
1964	764.	841.	813.	733.
1968	692.	784.	849.	849.
1972	828.	781.	813.	723.
1976	822.	690.	917.	

DMOAO - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR PALM OIL IN OTHER ASIA-OCEANIA IN 1000 M.T.  
SOURCE: CALCULATED

1960	127.	129.	149.	151.
1964	121.	122.	73.	160.
1968	78.	94.	176.	177.
1972	156.	182.	358.	327.
1976	222.	813.	1121.	

DMOEC - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR PALM OIL IN THE EC IN 1000 M.T. SOURCE: CALCULATED

1960	434.	419.	326.	366.
1964	402.	370.	423.	355.
1968	387.	439.	457.	590.
1972	576.	634.	572.	659.
1976	702.	669.	625.	

DMOJP - DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR PALM OIL IN JAPAN IN 1000 M.T. EQUALS NET IMPORTS (CALENDAR  
YEAR) SOURCE: FAO TRADE YEARBOOKS

1960	13.	15.	14.	17.
1964	18.	10.	20.	22.
1968	28.	41.	40.	41.
1972	54.	100.	115.	107.
1976	153.	146.	141.	

DMOUS - DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1958 TO 1978

DEMAND FOR PALM OIL IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING  
SEPTEMBER) SOURCE: FATS AND OILS SITUATION

1958	21.3	19.1	21.3	25.4
1962	29.9	21.8	17.7	15.
1966	21.8	42.2	36.3	73.
1970	55.3	83.	159.2	161.5
1974	133.4	313.4	400.5	277.1
1978	166.5			

DM6BCN - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN C6BCN IN 1976.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	0.	0.	0.

DMSRSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN BRSBEC IN 1965, 66,  
1970 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMICMKN = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCMRN IN 1960,61,63,  
1968 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	1.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMICOMN = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCORN IN 1960-1969,  
1970 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	1.	1.	1.
1964	1.	1.	1.	1.
1968	1.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMICIOUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIATION IN ICIOUS IN 1961,73,76,  
1970 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	1.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	0.	1.	0.

DMICPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CCPEC IN 1964,76,  
1970 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	0.

DMICPRN = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCPRN IN 1971-73,  
1970 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	1.
1972	1.	1.	0.	0.
1976	0.	0.	0.	0.

DMICSAF = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CCSAF IN 1960-65,  
1970 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	1.	1.	1.
1964	1.	1.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.



DMICSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CCSEC IN 1962.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMICSM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCMH IN 1963.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMICSUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN ICSUS IN 1968.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIMPLC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DMPEC IN 1961.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	1.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIKRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RKMH IN 1966.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIKRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RKRM IN 1974,76.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	0.
1976	0.	0.	1.	0.

DMILCAO = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN DLCAO IN 1964 AND 65.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	1.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMILPEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DLCEC IN 1967 AND 69  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	0.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMILCUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DLCUS IN 1960.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMILPAF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DLPAP IN 1977, 78.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	1.	1.	0.

DMILPEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DLPEC DATA IN 1967.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIMDEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DMOEC DATA IN 1962.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIMOJP - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DMOJP IN 1976, 77, 78.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	1.	1.	0.

DMIMOHM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMOHM IN 1967.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMINDUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN INDUS IN 1965, 67, AND 70.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	0.	1.
1968	0.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMINRMH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMRH IN 1964.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMINDRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RDRM IN 1973.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	0.	0.	0.

DMINDUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN INDUS IN 1965 AND 67.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	0.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIDL6Z = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN POL6Z IN 1960, 61.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	1.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIDLEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DOLEC IN 1964, 65,  
70, 71, AND 78.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	1.	0.	0.
1968	0.	0.	1.	1.
1972	0.	0.	0.	0.
1976	0.	0.	1.	0.

DMIPKEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CPKEC IN 1967-70,  
72, 75, AND 78.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	1.	1.	1.	0.
1972	1.	0.	0.	1.
1976	0.	0.	1.	0.

DM1PKRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPKRM IN 1962,67.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM1PLPAF = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PMPAF IN 1965.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM1PLPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PLPEC IN 1967-72.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	1.	1.	1.	1.
1972	1.	0.	0.	0.
1976	0.	0.	0.	0.

DM1PLPJP = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PMPJP IN 1969.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM1PKRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPKRM IN 1960-62.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	1.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM1PNEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CPNEC IN 1960, 71-72  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	1.
1972	1.	0.	0.	0.
1976	0.	0.	0.	0.

DM1PNRW = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPNRW IN 1970-78.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	1.	1.
1972	1.	1.	1.	1.
1976	1.	1.	1.	1.

DMIPNUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING THE UNEXPLAINED VARIANCE IN CPNUS IN 1962, 70,  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIPDM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPDM IN 1960,67,71,  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	1.
1968	0.	0.	0.	1.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIPUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN IPUS IN 1960, AND 64,  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DMIRMM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMM IN 1975-77,  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	1.	1.	0.	0.

DMIRRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RRRM IN 1973,  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	0.	0.	0.

DMIRSCN = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN CRSCN IN 1975,  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

DMIRSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CRSEC IN 1962,64,74  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	0.
1976	0.	0.	0.	0.

DM16SKW - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RRBRW IN 1960.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM15BBZ - DATE REVISED: 2/20/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN BBBZ  
IN 1965-67. 18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	1.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM15BEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CBEC IN 1960,74.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	0.
1976	0.	0.	0.	0.

DM15RHW - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RSHW IN 1973,74.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	1.	0.
1976	0.	0.	0.	0.

DM15HUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN ISHUS IN 1960.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM15MUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN ISMUS IN 1965.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM16DKW - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RBDKW IN 1960-69.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	1.	1.	1.	1.
1964	1.	1.	1.	1.
1968	1.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM1SDUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN ISDUS IN 1960, 65, 69,  
1974 AND 1978 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	1.	0.	0.
1968	0.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2CMHM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCMHM IN 1978,  
1979 AND 1980 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	0.

DM2COMH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCOMH IN 1963,  
1964 AND 1965 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2COUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIATION IN ICUUS IN 1969,  
1970 AND 1971 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2CPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CCPEC IN 1966, 70,  
71, AND 74 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	1.	1.
1972	0.	0.	1.	0.
1976	0.	0.	0.	0.

DM2CPRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCPRM IN 1961,  
1962 AND 1963 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	1.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2CSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CCSEC DATA IN 1963,  
1964 AND 1965 OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2CBRW = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCBRW IN 1975-78.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	1.	1.	1.	1.

DM2CSUS = DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN ICSUS  
IN 1970.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2HPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DHPEC IN 1960.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2KMRW = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RKMRW IN 1974 AND 75.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	1.
1976	0.	0.	0.	0.

DM2KORW = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RKORW IN 1972 AND 73.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	1.	1.	0.	0.
1976	0.	0.	0.	0.

DM2LPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN DLPEC DATA IN 1968-73.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	1.	1.	1.
1972	1.	1.	0.	0.
1976	0.	0.	0.	0.

DM2MORW = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMORW IN 1968.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.



DM2H0US = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN DMOUS IN 1960, 63, 68.  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	1.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2NMHM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RNMHM IN 1973.  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	0.	0.	0.

DM2N0KM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RNDKM IN 1975.  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

DM20L0Z = DATE REVISED: 2/20/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN P0L0Z  
IN 1965. 18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM20LEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN D0LEC IN 1967,  
72, AND 75.  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	0.	0.	0.	0.
1972	1.	0.	0.	1.
1976	0.	0.	0.	0.

DM2PKHM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPKHM IN 1968,70.  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2PLPAP = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PNPAP IN 1963,73,77.  
18 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	1.	0.	0.

DM2PLPEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PNPEC IN 1973.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	0.	0.	0.

DM2PLPJP - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PNMJP IN 1966.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2PMHM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPMHM IN 1964,66,74.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	1.	0.
1976	0.	0.	0.	0.

DM2PNLC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CPNLC IN 1975, 77.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	1.	0.	0.

DM2PNUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN IPNUS IN 1960 AND 61.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	1.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2PDKM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPDKM IN 1968.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2PDUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN IPDUS IN 1966,70,71.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2Q0BZ = DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN QSOBZ IN 1969, 70

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	1.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2RMRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMRM IN 1974.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	0.
1976	0.	0.	0.	0.

DM2RORM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RORM IN 1977.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	1.	0.	0.

DM2RSCM = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN CRSCM IN 1977 AND 1978  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	1.	1.	0.

DM2RSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CRSEC IN 1975, 77.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	1.	0.	0.

DM2RSM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RSRM IN 1972.  
18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	1.	0.	0.	0.
1976	0.	0.	0.	0.

DM2SBZ = DATE REVISED: 2/20/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN SSBZ  
IN 1968, 18 YEARS OF UNEXPLAINED VARIANCE 0 ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2SBEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CBEC IN 1965-69,  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	1.	1.
1968	1.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2SBUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN ISBUS IN 1961, 63, 65  
AND 71,  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	1.	0.	1.
1964	0.	1.	0.	0.
1968	0.	0.	0.	1.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2SMUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN ISMUS IN 1960, 63,  
72, AND 76.  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	1.	0.	0.	0.
1976	1.	0.	0.	0.

DM2SDRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RSDRM IN 1962, 65, 67,  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	1.	0.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2SRSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN SRSEC IN 1960,  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3CRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCRM IN 1962,  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3CRM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCRM IN 1964, 65,  
1 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	1.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3CPHM = DATE REVISED: 7/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCPHM IN 1960,62,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	1.	0.	1.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

UM3CSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN CCSEC IN 1966-69,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	1.
1968	1.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3KRMH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RKMVH IN 1976,78,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	0.	1.	0.

DM3KORH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RKORH IN 1975,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

DM3LPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DLPEC IN 1976,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	0.	0.	0.

DM3DDEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN DHOEC IN 1963,67-69,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	0.	0.	0.	1.
1968	1.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3MORH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMDRH IN 1974-76,  
1975 YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	1.
1976	1.	0.	0.	0.

DM3MOUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN DM0US IN 1962,66,70.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	1.	0.
1968	0.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3MMH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RMHRM IN 1966,69.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	1.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3DLBZ = DATE REVISED: 7/10/84  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLES REPRESENTING UNEXPLAINED VARIANCE IN POLBZ IN 1966

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3PKM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPKRM IN 1974-76.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	1.
1976	1.	0.	0.	0.

DM3PLPAF = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PNMAF IN 1964,72,76.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	1.	0.	0.	0.
1976	1.	0.	0.	0.

DM3PLPEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PLPEC IN 1966 AND 75  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

DM3PLPJP = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PNMJP IN 1962, 65,  
68, 70, 73, AND 76.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	1.	0.	0.
1968	1.	0.	1.	0.
1972	0.	1.	0.	0.
1976	1.	0.	0.	0.

DM3PMH = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPMH IN 1977,78.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	1.	1.	0.

DM3PNUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN IPNUS IN 1966.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM3PDKM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RPDKM IN 1975.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

DM3RUMK = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RRUMK IN 1978.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	0.

DM3RSEC = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN CRSEC IN 1971-73.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	1.
1972	1.	1.	0.	0.
1976	0.	0.	0.	0.

DM3RRSM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RRRSM IN 1974.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	1.	0.
1976	0.	0.	0.	0.

DM3SBUS = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN ISBUS IN 1975.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	0.

DM3DMM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RSDMM IN 1976-78.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	1.	1.	

DM4CDMM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCORM IN 1970,73,76.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	1.	0.
1972	0.	1.	1.	0.
1976	0.	0.	0.	

DM4CPMM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCPRM IN 1969,70.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	1.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	

DM4PLPAF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PMAF IN 1966.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	

DM48BUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN 18BUS IN 1966,72,73.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	1.	0.
1968	0.	0.	0.	0.
1972	1.	1.	0.	0.
1976	0.	0.	0.	

DM5CDMM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCORM IN 1975.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	

DM5PLPAF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING UNEXPLAINED VARIANCE IN PMAF IN 1970, 76.  
18YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	



DM6CDM = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN RCORM IN 1978,  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	0.

UN1BZ = DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING BRAZILIAN AGRICULTURAL POLICY PRIOR TO  
AGRICULTURE MINISTER DELFIN NETTO, 1=1960 TO 1965, 0=ALL OTHER YEARS

1960	1.	1.	1.	1.
1964	1.	1.	1.	1.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DM2BZ = DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING CHANGE IN BRAZILIAN AGRICULTURAL POLICY WITH  
AGRICULTURE MINISTER DELFIN NETTO, 1=1969 TO 1973, 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	1.	1.	1.
1972	1.	1.	0.	0.
1976	0.	0.	0.	0.

DOLAF = DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN AFRICA IN 1000 M.T.  
SOURCE: CALCULATED

1960	656.	739.	786.	982.
1964	903.	914.	1075.	1160.
1968	846.	1106.	1303.	1295.
1972	1391.	1326.	1490.	1789.
1976	1530.	1631.	1798.	

DOLAD = DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN OTHER ASIA-OCEANIA IN  
1000 M.T. SOURCE: CALCULATED

1960	2105.	2255.	2325.	2431.
1964	2609.	2388.	2788.	2375.
1968	2622.	2563.	2917.	3304.
1972	3244.	2852.	3278.	3313.
1976	3739.	3839.	4426.	

DOLBZ = DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1959 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN BRAZIL IN 1000 M.T.  
SOURCE: CALCULATED

1959	201.	229.	261.	340.
1963	314.	315.	384.	447.
1967	367.	446.	493.	568.
1971	590.	694.	465.	811.
1975	924.	974.	1181.	1154.

DOLCN = DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN CANADA IN 1000 M.T.  
SOURCE: CALCULATED

1960	93.	80.	74.	92.
1964	103.	113.	127.	135.
1968	141.	154.	185.	179.
1972	182.	213.	234.	222.
1976	252.	272.	343.	

DOLEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN EUROPEAN COMMUNITY IN  
1000 M.T. SOURCE: CALCULATED

1960	1072.	993.	1092.	1199.
1964	1200.	1384.	1460.	1449.
1968	1548.	1497.	1442.	1433.
1972	1897.	1891.	1862.	1711.
1976	1922.	1873.	2007.	

DOLJP - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN JAPAN IN 1000 M.T. SOURCE:  
CALCULATED

1960	290.	295.	345.	354.
1964	384.	421.	494.	484.
1968	534.	570.	676.	654.
1972	727.	835.	790.	783.
1976	819.	870.	972.	

DOLMAF - DATE REVISED: 11/19/80  
ANNUAL DATA FROM 1960 TO 1978

DOLMAF = DOLAF + DOLUAF

1960	1384.	1460.	1474.	1735.
1964	1667.	1755.	1884.	1893.
1968	1538.	1892.	2152.	2144.
1972	2219.	2109.	2303.	2512.
1976	2352.	2521.	2715.	

DOLUS - DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1958 TO 1978

DEMAND FOR OLEIC-LINOLEIC/LINOLENIC OIL IN U.S. IN 1000 M.T. SOURCE:  
CALCULATED

1958	1961.	2060.	2141.	2207.
1962	2287.	2300.	2503.	2601.
1966	2928.	2816.	2917.	3154.
1970	3426.	3332.	3379.	3540.
1974	3832.	3326.	3910.	3729.
1978	4127.			

DRTBZ - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING DROUGHT IN BRAZIL IN 1978.  
1=DROUGHT YEARS 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	0.

DSRSCN - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING UNEXPLAINED VARIANCE IN SRSN IN 1963.  
1=YEARS OF UNEXPLAINED VARIANCE 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

DICPAF - DATE REVISED: 2/20/81  
ANNUAL DATA FROM 1969 TO 1978

DUMMY VARIABLE INDICATING DROUGHT IN AFRICA AFFECTING CUPRA  
IN 1965, 66, 71, 74, 75, 1=DROUGHT YEARS 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	1.	1.	0.
1968	0.	0.	0.	1.
1972	0.	0.	1.	1.
1976	0.	0.	0.	

DTCSAF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING DROUGHT IN AFRICA AFFECTING COTTONSEED  
IN 1962, 65, 75, 76, AND 78.  
1=DROUGHT YEARS 0=ALL OTHER YEARS

1960	0.	0.	1.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	1.
1976	1.	0.	1.	1.

DTCSAO - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING DROUGHT IN OTHER ASIA-OCEANIA AFFECTING  
COTTONSEED IN 1960, 62, 66, 67, 70, 71, 74, 76, AND 77.  
1=DROUGHT YEARS 0=ALL OTHER YEARS

1960	1.	0.	1.	0.
1964	0.	0.	1.	1.
1968	0.	0.	1.	1.
1972	0.	0.	1.	0.
1976	1.	1.	0.	1.

DTPNAF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING DROUGHT IN AFRICA AFFECTING PEANUTS IN 1964,  
65, 71, 73, 74, 77, AND 78.  
1=DROUGHT YEARS 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	1.	1.	0.	0.
1968	0.	0.	0.	1.
1972	0.	1.	1.	0.
1976	0.	1.	1.	1.

DTRSAU - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1959 TO 1978

DUMMY VARIABLE INDICATING DROUGHT IN OTHER ASIA-OCEANIA AFFECTING  
RAPESEED IN 1960, 63, 64, 66, 67, 69, 72, 74, 77, AND 78.  
1=DROUGHT YEARS 0=ALL OTHER YEARS

1959	0.	1.	0.	0.
1963	1.	1.	0.	1.
1967	1.	0.	1.	0.
1971	0.	1.	0.	1.
1975	0.	0.	1.	1.

EDCMC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDCMC = TCMEC/0.8103\*DMPER-RCMEC

1960	719,213	676,578	747,787	826,162
1964	807,804	966,385	986,721	824,161
1968	814,364	979,949	940,32	739,707
1972	856,245	1017,93	637,784	729,694
1976	630,727	585,547	660,869	

EDCMJP - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDCMJP = TCMJP/0.8103\*DMPJP-SCMJP

1960	-0.768005	0.004772	-0.254745	12.5728
1964	4.85526	4.03549	9.79539	3.09608
1968	3.64516	19.3442	13.8654	2.8349
1972	0.111282	9.23053	0.050446	0.646798
1976	-0.045486	0.025589	0.167297	

EDCOAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDCOAF = TCUAF\*DOLMAF-SCOAF

1960	6,15752	9,1321	48,4696	52,1517
1964	28,6968	45,387	10,8696	45,4475
1968	22,1161	-2,83505	49,6477	11,9763
1972	112,789	69,3806	70,5847	271,671
1976	137,394	213,135	193,313	

EDCOAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDCOAU = TCOAU+DOLAU+SCOAU

1960	53,9546	27,93A	46,1652	57,9741
1964	40,554	43,0374	31,059	2,36255
1968	-0,816895	21,298A	-0,092432	1,57129
1972	16,7922	-1,26758	16,2905	19,1292
1976	32,1013	25,7236	64,5503	

EDCOEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDCOEC = TCOEC+DOLEC+SCOEC

1960	48,712	86,809	43,192	69,909
1964	93,6	129,64	69,5	18,633
1968	38,744	40,607	75,564	72,454
1972	58,407	44,784	49,274	20,132
1976	13,254	20,403	7,82A	

EDCOJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDCOJP = TCOJP+DOLJP+SCOJP

1960	5,28799	1,79199	4,29349	7,392A1
1964	11,648	2,02512	3,5354	3,19038
1968	1,59537	1,86801	3,84998	0,237396
1972	13,6426	19,8445	17,304	10,3531
1976	12,627	21,618	31,0836	

EDCPJP = DATE REVISED: 1/0A/81  
ANNUAL DATA FROM 1959 TO 1978

EDCPJP = CCPJP

1959	55.	85.	80.	89.
1963	108.	86.	94.	106.
1967	112.	126.	109.	127.
1971	122.	124.	134.	86.
1975	90.	111.	9A.	90.

EDCSEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDCSEC = CQSEC/0,9-SCSEC

1960	140,222	130,111	213,111	206,778
1964	116,667	116,556	95.	26,3333
1968	21,5555	28,2222	7.	2,55556
1972	0,222221	0,333333	0,555555	1,22222
1976	0,111111	0,111111	0,111111	

EDCSJP = DATE REVISED: 1/0A/81  
ANNUAL DATA FROM 1959 TO 1978

EDCSJP = CCSJP/0,95

1959	123,15A	70,5263	100.	149,474
1963	168,421	206,316	214,842	266,316
1967	215,789	246,316	244,211	296,842
1971	244,421	180.	158,947	123,158
1975	115,789	94,7368	94,7368	91,5789

EDKMEC = DATE REVISED: 1/0A/81  
ANNUAL DATA FROM 1960 TO 1978

EDKMEC = TAMEC/0,3557+DLPEC=0,49+CPKEC

1960	95,1267	89,771	111,78	95,1729
1964	106,165	132,757	173,911	165,509
1968	144,611	157,595	152,452	140,872
1972	196,869	216,197	220,26A	253,879
1976	264,502	279,538	313,678	

EDKQEC = DATE REVISED: 12/1A/80  
ANNUAL DATA FROM 1960 TO 1978

EDKQEC = TQKQEC+DLQEC=0,49+CPKEC

1960	-11,9468	-6,8125	-1,99585	-6,13477
1964	-7,05273	-2,12769	29,7434	43,5172
1968	49,3353	54,411	67,952	55,5316
1972	83,1984	113,298	100,022	120,946
1976	107,568	99,5047	133,416	

EDKOUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

EDKOUS = TKOUS+DLCUS+RKOUS

1960	39,168	33,1776	39,4909	38,6278
1964	41,265	39,4294	46,9206	48,7955
1968	52,585	47,635	35,4678	47,7125
1972	40,5657	46,475	57,818	72,8665
1976	71,7484	70,755	56,2036	

EDMDEC = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

EDMDEC = DMDEC

1960	434.	419.	326.	366.
1964	402.	370.	423.	355.
1968	387.	439.	457.	590.
1972	576.	634.	572.	659.
1976	702.	669.	625.	

EDMJJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDMJJP = DMJJP

1960	13.	15.	14.	17.
1964	18.	16.	20.	22.
1968	28.	41.	40.	41.
1972	54.	100.	115.	107.
1976	153.	146.	141.	

EDMOUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

EDMOUS = DMOUS+DEL(1; IMOUS)+RMOUS

1960	19.3	25.4	19.9	11.8
1964	4.2	2.	18.8	40.2
1968	33.3	73.	55.3	94.
1972	200.2	164.5	156.4	343.4
1976	422.5	300.1	163.5	

EDNMEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDNMEC = TNMEC/0.441+DLPEC-SNMEC

1960	166,524	188,107	223,667	291,129
1964	359,227	359,131	476,388	411,378
1968	401,662	429,194	490,073	582,552
1972	674,752	674,833	537,302	569,547
1976	852,855	691,645	803,17	

EDNHJP = DATE REVISED: 12/18/80  
ANNUAL DATA FROM 1960 TO 1978

EDNHJP = DLPJP/0.441-0.35+CCPJP

1960	-0,271545	-0,789124	0,596039	0,748764
1964	1,64604	3,38118	0,748764	-2,91882
1968	-1,0161	0,398758	-1,3661	0,383896
1972	-0,316101	0,719055	-0,621536	0,246033
1976	1,96632	1,98119	2,5136	

EDNOAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDNOAF = TNDAF+DLCAF-SNUAF

1960	11,221	11,9404	14,4668	7,63771
1964	6,68001	10,6376	17,1584	6,44099
1968	7,40179	6,23959	15,6244	16,6204
1972	24,1263	21,5064	13,2232	14,7969
1976	24,951	25,388	16,2612	

EDNOEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDNOEC = TNOEC+DLCEC-SNOEC

1960	45,8767	80,6926	35,0959	74,3547
1964	85,9929	90,3423	71,3066	91,6128
1968	75,4175	59,949	96,6178	128,458
1972	197,582	165,882	95,4378	59,4841
1976	130,562	144,195	251,185	

EDNOJP = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

EDNOJP = DLCJP=0.64\*CCPJ

1960	-0.399994	-0.199997	0.640009	-0.119995
1964	-0.039993	-1.15999	-0.119995	0.320007
1968	0.360016	1.24001	0.720016	-2.07999
1972	9.64001	23.24	11.96	19.4
1976	29.96	27.24	24.4	

EDNOUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

EDNOUS = TNOUS+DLCUS+DEL(1:1NOUS)+RNOUS=0.64\*CCPUS

1960	67.6315	65.4223	96.909	195.672
1964	161.815	162.57	222.479	217.204
1968	198.014	195.765	250.332	267.287
1972	278.434	303.525	247.582	299.133
1976	542.251	496.245	429.796	

EDPMEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDPMEC = TPMEC/1.124+DMPEC-SPMEC

1960	726.315	866.184	1033.61	963.776
1964	865.454	898.433	862.358	827.155
1968	790.154	709.03	761.44	677.936
1972	871.566	894.758	464.423	566.625
1976	1043.49	998.957	644.801	

EDPNEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDPNEC = CPNEC/0.8+SPNEC

1960	990.75	1263.25	1409.5	1436.75
1964	1214.	1166.75	1293.	1299.
1968	1468.5	1123.25	879.25	670.5
1972	550.	693.	600.5	640.25
1976	769.25	553.	568.	

EDPUAO = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDPUAO = TPUAO+DOLAO-SPUAO

1960	24.8699	17.2371	45.625	44.584
1964	46.594	26.4121	24.4015	29.6624
1968	32.8115	27.261	27.1243	27.3386
1972	27.0378	21.7744	23.5378	18.9524
1976	41.5859	32.5942	25.6572	

EDPDEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDPDEC = TPOEC+DOLEC-SPOEC

1960	197.022	159.137	170.268	193.449
1964	214.6	315.102	320.	324.063
1968	323.68	268.592	300.894	268.145
1972	370.099	347.665	255.276	229.367
1976	291.152	296.896	262.047	

EDRMEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDRMEC = TRMEC/0.6917+DMPEC-ERMEC

1960	89.2799	94.051	81.9161	61.7617
1964	76.9362	43.4429	60.9941	40.5349
1968	41.0627	37.9944	42.0696	52.425
1972	102.756	100.14	57.6084	100.395
1976	164.029	242.086	232.75	

EDRMJP = DATE REVISED: 12/24/80  
ANNUAL DATA FROM 1960 TO 1978

EDRMJP = TRMJP/0.6917+DMJP-ERMJP+RHMJP

1960	36.4034	23.5867	38.7171	26.859
1964	20.4405	7.86513	4.55498	-12.7161
1968	-26.0319	-45.0674	-51.1621	31.7345
1972	32.2412	30.6255	32.4818	-5.19434
1976	0.001953	22.51	5.42285	

EDROAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDROAF = TMUAF+DULMAF+SDRAF

1960	5,54518	2,84398	6,94439	7,97139
1964	7,02278	13,8724	39,1125	10,048
1968	12,681	13,1876	22,3852	56,931
1972	65,6053	62,484	133,09	177,174
1976	131,445	96,6896	90,4332	

EDROAQ = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDROAQ = TMUAD+DOLAD+SRDAD

1960	3,35132	1,5467	2,26758	2,89355
1964	2,81955	10,4609	11,4739	31,385
1968	31,365	37,7495	29,2146	33,3506
1972	36,4038	63,084	66,73	43,6111
1976	95,7585	300,817	288,926	

EDROJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDROJP = TMUJP+DOLJP+SDRJP+RRDJP

1960	-0,400986	0.	-1,20999	-3,21399
1964	-1,62239	-4,36942	-11,1876	-10,3799
1968	-5,82021	-12,006	-8,77199	-8,81699
1972	-5,02158	13,9617	4,19702	12,8276
1976	12,9727	5,74194	11,7644	

EURSAO = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EURSAO = CMSAO/0,9=SRSAO

1960	0,444336	1,44434	0,55542	-4.
1964	2,22217	17,2222	-2,66675	3,44434
1968	1,55542	-0,111064	27,2222	87,4443
1972	62,8889	142,555	96,7778	61,3333
1976	52,5554	44,5554	195,222	

EURSEC = DATE REVISED: 11/24/80  
ANNUAL DATA FROM 1960 TO 1978

EURSEC = CMSEC/0,9=RRSEC

1960	57,3333	51,3333	47,2222	36,2222
1964	-68.	119,889	196,111	242.
1968	236,444	195,111	404,444	889,555
1972	752,667	680.	-44,3335	162,555
1976	160,889	398.	151,333	

EURSJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EURSJP = CMSJP+SRJJP+RRSJP

1960	55.	25.	42.	94.
1964	182.	108.	218.	222.
1968	258.	284.	345.	316.
1972	614.	693.	679.	669.
1976	728.	775.	831.	

EUSBCN = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EUSBCN = CBSCN+SBBCN+DEL(1;18BCN)+RBCN

1960	354.	231.	263.	334.
1964	382.	361.	406.	346.
1968	319.	310.	443.	407.
1972	366.	270.	312.	335.
1976	349.	367.	198.	

EUSBEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EUSBEC = CBSBEC/0,94

1960	2560,64	2030,85	2647,87	2610,64
1964	3182,98	3070,21	3534,04	3719,15
1968	3624,47	3968,08	5671,27	5773,4
1972	6262,77	7006,38	6951,06	8127,66
1976	9031,91	9022,34	10853,2	

EDSBJP = DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

EDSBJP = CBBJP+RBBJP

1960	1128.	1158.	1793.	1544.
1964	1607.	1847.	2168.	2170.
1968	2421.	2591.	3246.	3212.
1972	3396.	3635.	3244.	3334.
1976	3554.	3602.	4259.	

EDSMCN = DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

EDSMCN = TSMCN+DMPCN+SSMCN+RSMCN

1960	-3.44998	58.9	49.9	44.5
1964	-7.2999	-5.40007	21.80002	50.5
1968	71.2	103.3	92.5999	106.9
1972	84.8	101.8	138.9	187.6
1976	274.5	287.9	330.7	

EDSMEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

EDSMEC = TSMEC+DMPEC+SSMEC

1960	361.33	265.369	752.346	868.03
1964	1003.4	1385.4	1940.88	1873.01
1968	1977.44	2234.41	2626.85	3203.29
1972	3204.87	2525.13	2727.65	3235.09
1976	3942.88	3973.31	4308.79	

EDSMJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDSMJP = TSMJP+DMPJP+SSMJP

1960	-1.49062	55.5925	15.6404	1.9375
1964	13.4182	45.781	6.91333	2.3208
1968	14.718	26.873	72.0977	38.7939
1972	52.1011	275.239	108.922	-30.2561
1976	192.931	313.92	339.647	

EDSMJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDSMJP = TSMJP+DMPJP+SSMJP

1960	-1.49062	55.5925	15.6404	1.9375
1964	13.4182	45.781	6.91333	2.3208
1968	14.718	26.873	72.0977	38.7939
1972	52.1011	275.239	108.922	-30.2561
1976	192.931	313.92	339.647	

EDSOAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDSOAF = TSOAF+DOLMAF

1960	63.0415	26.0124	62.0612	88.4691
1964	65.016	90.029	71.0575	98.948
1968	97.9668	121.991	126.	191.012
1972	120.043	96.0144	168.072	186.95
1976	158.967	216.923	327.955	

EDSOAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDSOAU = TSOAU+DOLAU

1960	47.994	52.0905	162.053	184.027
1964	212.112	202.98	181.966	172.05
1968	204.031	252.101	385.048	413.
1972	375.006	326.839	419.912	407.168
1976	612.074	915.985	1187.15	

EDSOCH = DATE REVISED: 1/21/81  
ANNUAL DATA FROM 1960 TO 1978

EDSOCH = TSOCH+DOLCH+SSOCH+RSOCH

1960	6.7651	4.	-10.5	-10.8
1964	-2.60002	0.299988	-5.30002	-9.00002
1968	-4.2	-5.50002	1.69999	-6.80002
1972	-26.6	3.99998	26.5	14.
1976	29.8	26.7	26.7	



EDSOJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

EDSOJP = TSOJP-DOLJP-S8OJP

1960	-21,692	-26,51	-8,35953	-1,78883
1964	-3,8196	-3,51367	-5,25684	-4,59741
1968	-7,0564	-2,04907	-8,47534	-17,0105
1972	-3,32446	-2,49805	17,4739	13,6265
1976	10,1033	-0,838135	-0,951904	

EMBGO = DATE REVISED: 11/04/80  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING U.S. SOYBEAN EMBARGO, 1 IN YEAR OF EMBARGO  
0 IN ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	0.	0.
1976	0.	0.	0.	

ESCHAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESCHAF = SCHAF-TCHAF-DHPAF/0,8103

1960	195,486	175,778	164,913	226,477
1964	251,05	299,708	306,193	287,333
1968	322,88	335,153	401,777	344,128
1972	351,097	260,585	199,948	235,765
1976	239,826	205,741	154,283	

ESCHAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESCHAU = SCHAU-TCHAU-DHLPAD/0,8103

1960	122,896	142,918	172,595	225,265
1964	384,656	441,928	468,086	458,158
1968	487,631	456,143	440,597	285,095
1972	445,925	561,79	382,519	439,757
1976	276,744	223,105	181,302	

ESCMUS = DATE REVISED: 12/20/80  
ANNUAL DATA FROM 1960 TO 1978

ESCMUS = SCHUS-TCMUS/0,8103\*DHPUS-DEL(1; ICMUS)-RCMUS

1960	104,325	11,2173	-58,926	47,9338
1964	20,082	119,174	59,5876	-43,7485
1968	-39,5544	-15,4983	-74,3149	44,8677
1972	25,4019	39,6274	80,4028	24,877
1976	46,0864	55,2522	86,8508	

ESCOUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ESCOUS = 0,16\*CCSUS-TCOUS-DOLUS-DEL(1; ICOUS)-RCOUS

1960	237,029	166,907	214,407	176,35
1964	264,306	290,539	123,36	35,3442
1968	21,8149	62,8499	205,638	169,283
1972	205,218	264,546	254,483	311,102
1976	226,461	313,062	462,603	

ESCPAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESCPAF = SCPAF-CCPAF

1960	76.	98.	85.	85.
1964	85.	61.	60.	70.
1968	76.	74.	72.	62.
1972	54.	63.	60.	43.
1976	58.	52.	26.	

ESCPAD = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESCPAD = SCPAD-CCPAD

1960	1154.	1051.	1127.	1209.
1964	1203.	1148.	1240.	1053.
1968	1079.	917.	752.	885.
1972	1170.	895.	421.	964.
1976	954.	776.	522.	

ESCSAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESCSAF = SCSAF-CCSAF/0.8

1960	158.75	212.5	252.75	252.
1964	146.	183.	180.25	169.75
1968	146.	259.5	315.5	292.5
1972	214.5	163.5	130.25	108.5
1976	-69.7498	-45.2498	-49.4998	

ESCSAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESCSAU = SC6AD-CCSAO/0.7

1960	30,1478	18,1478	31,5715	32,4297
1964	28,4297	40,4297	30,5742	9,42869
1968	51,5742	54,2891	26.	-7,14062
1972	30,1445	19,1445	-0.570313	10.
1976	-11,2852	0,289063	-6,42578	

ESCSUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESCSUS = SC6US-CCSUS-DEL(1 | ICSUS)-RCSUS

1960	7.	-25.	-48.	-503.
1964	5.	6.	8.	-23.
1968	-10.	4.	21.	35.
1972	4.	9.	45.	6.
1976	55.	24.	57.	

ESKMAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESKMAF = SKMAF-TKMAF-DLPAF/0.3557

1960	46,2937	47,031	39,9337	32,1215
1964	45,8096	53,1601	78,9358	111,229
1968	117,682	114,686	105,123	110,408
1972	111,251	94,177	118,521	94,5697
1976	85,8338	67,9995	110,445	

ESKMAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESKMAU = SKMAU-TKMAU-DMLPAU/0.3557

1960	0.53	-0.34239	1.2954	0.041433
1964	-1.18471	0.930235	-0.979381	0.797271
1968	-0.438141	0.828583	0.371887	2.6001
1972	40.3258	81.1997	102.26	151.58
1976	136.549	186.376	133.383	

ESKQAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESKQAF = SKQAF-TKQAF-DLCAF

1960	49,951	51,3504	43,9508	35,3877
1964	45.7	46,6476	79,1884	101,04
1968	103,952	101.05	93,9684	95,3504
1972	82,2063	90,8564	84,4032	59,1469
1976	40,841	49,608	86,3512	

ESKQAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESKQAU = SKQAU-TKQAU-DLCAU

1960	-0.5257	-0.467999	-2.1391	-0.772999
1964	-1.4166	-1.6562	-1.476	-1.3806
1968	-1.0468	0.776688	0.740387	2.9124
1972	51.396	74.504	104.714	113.707
1976	142.2	107.866	133.368	

ESMQAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESMQAF = SMQAF-TMQAF-DOLMAF

1960	392.5	354.6	303.15	302.7
1964	302.5	266.	249.45	164.75
1968	181.45	152.9	159.45	171.6
1972	130.5	92.4504	160.35	192.3
1976	77,1003	33,4004	23,9504	

ESMBAU - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESMBAU \* SMDAO-DMDAO

1960	135.2	142.4	131.6	138.8
1964	178.	195.4	295.	234.2
1968	395.8	458.	468.	660.2
1972	810.	880.6	962.2	1237.
1976	1447.8	1174.2	1018.	

ESNMAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESNMAF \* SNMAF-TNMAF-DLPAF/0.441

1960	7.03	4.81	6.29	10.36
1964	13.32	10.36	8.93025	14.06
1968	11.1	17.76	17.2375	12.2125
1972	12.2145	17.75	13.6078	11.0653
1976	19.2463	15.3065	10.8936	

ESNMAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESNMAO \* SNMAO-TNMAO-DMLPAO/0.441

1960	155.722	192.833	200.028	262.55
1964	408.641	361.485	421.154	395.281
1968	410.774	358.07	500.942	581.092
1972	645.012	545.365	544.491	614.2
1976	902.001	800.242	882.823	

ESNDAU - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESNDAU \* SMDAO-TNDAO-DLCAO

1960	176.656	247.468	300.749	349.653
1964	393.867	368.286	443.436	364.321
1968	464.477	357.383	498.35	552.498
1972	646.594	511.106	511.106	745.113
1976	968.78	807.274	954.896	

ESPKAF - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ESPKAF \* SPKAF-CPKAF

1960	679.	653.	610.	610.
1964	624.	603.	569.	296.
1968	356.	345.	381.	413.
1972	334.	254.	329.	271.
1976	353.	236.	154.	

ESPKAU - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESPKAU \* SPKAU-CPKAU/0.95

1960	55.9474	48.4737	47.3158	46.1579
1964	45.	44.7895	48.4211	57.5263
1968	70.3684	73.6842	61.0526	65.1579
1972	40.5263	19.4211	28.0527	38.9475
1976	30.3687	29.8948	10.2632	

ESPMF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESPMF \* SPMAF-TPMAF-DMPAF/1.124

1960	234.491	275.594	294.903	284.46
1964	418.25	385.583	411.002	490.365
1968	537.99	452.791	464.526	299.397
1972	570.26	456.221	335.429	497.188
1976	492.41	441.036	273.038	

ESPMU - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESPMU \* SPMAU-TPMAU-DMLPAU/1.124

1960	497.602	570.576	814.138	950.878
1964	946.612	817.745	726.811	632.312
1968	771.635	563.948	670.565	670.268
1972	706.443	781.997	691.188	512.217
1976	1040.53	733.948	433.647	

ESPMS - DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESPMS = SPMS-TPMS/1.124\*DMPIB=DEL(1 ; IPMS)-RPMMS

1960	0.1254	0.792603	0.17778	-0.89679
1964	1.55942	-0.493073	-0.769485	0.035538
1968	0.523376	-0.108826	-1.39406	-0.322266
1972	1.52327	-0.333862	-0.812973	0.360153
1976	0.270264	0.672531	0.003113	

ESPNAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESPNAF = SPNAF-CPNAF/0.75

1960	1249.33	1723.67	1754.	1851.33
1964	1776.33	1600.67	1833.	1766.33
1968	1888.33	1467.	1055.67	824.
1972	710.	751.333	502.333	594.
1976	850.668	491.	415.667	

ESPNAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESPNAO = SPNAO-CPNAO/0.62

1960	18.9687	6.77734	27.8711	-4.51562
1964	-72.2227	-16.2227	-10.1289	10.6094
1968	44.0977	97.293	37.2266	47.3908
1972	32.4219	53.0039	121.551	93.7109
1976	196.52	-21.4492	38.2617	

ESPNS - DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESPNS = SPNS-CPNS=DEL(1 ; IPNS)-RPNNS

1960	32.	37.	14.	19.
1964	43.	80.	108.	100.
1968	89.	47.	63.	131.
1972	250.	235.	321.	335.
1976	196.	355.	465.	

ESPUAF - DATE REVISED: 12/18/80  
ANNUAL DATA FROM 1960 TO 1978

ESPUAF = 0.335\*CPNAF-TPUAF\*DDLMAF

1960	168.175	182.444	182.240	187.533
1964	236.501	267.189	277.78	271.549
1968	346.629	243.624	276.469	157.345
1972	306.353	213.564	166.337	239.266
1976	260.516	272.067	140.262	

ESPOUS - DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESPOUS = 0.317\*CPNS-TPUS\*DDLUS=DEL(1 ; IPOUS)-RPOUS

1960	5.23291	4.6897	1.0679	1.60899
1964	23.7347	40.1854	8.4758	2.1636
1968	2.21999	12.4804	15.455	20.1224
1972	34.4432	46.146	28.6116	15.4426
1976	44.832	21.2932	56.1519	

ESRMAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESRMAO = SRMAO-TRMAO\*DMLPAD/0.6917

1960	26.3162	13.9951	23.8872	81.4865
1964	26.9666	16.2935	15.4778	14.3613
1968	2.19946	1.08862	0.547363	3.81079
1972	5.30396	42.4495	65.6369	20.1697
1976	68.3972	84.9871	95.7898	

ESRMCN - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESRMCN = SRMCN-TRMCN/0.6917\*DMPCN=RRMCN

1960	-0.011644	-0.008473	0.017076	0.008682
1964	-0.001866	-0.018763	0.02526	0.026733
1968	0.023554	0.00105	-0.04929	10.9945
1972	49.0067	41.0254	31.0042	21.0047
1976	51.9536	135.971	156.025	

ESRDCN = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESRUCN = 8KOCN-TROCN\*DOLCN-RRDCN

1960	-2.747402E-07	9.536743E-07	0.	-1.907349E-06
1964	-2.980232E-06	-6.675720E-06	-1.335144E-05	-1.064805E-05
1968	3.814697E-06	-8.940697E-06	3.159066E-06	4.
1972	7.99998	35.	28.	19.998
1976	42.	103.	70.	

ESRDEC = DATE REVISED: 12/18/80  
ANNUAL DATA FROM 1960 TO 1978

ESRUEC = 0.35\*CRSEC-TRECE\*DOLEC

1960	-20.028	-1.96797	0.574005	4.097
1964	15.75	35.884	42.96	110.786
1968	9.13989	-9.31592	4.62402	53.8049
1972	95.676	181.5	173.144	156.098
1976	127.144	286.729	194.334	

ESRSCN = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

ESRSCN = 8MSCN-CHSCN-DEL(1 ; IRSCN)-RRSCN

1960	65.	184.	157.	130.
1964	120.	210.	309.	313.
1968	279.	325.	504.	1063.
1972	966.	1239.	882.	569.
1976	653.	1016.	1014.	

ESSBZ = DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

ESSBZ = 88BZ-T8BZ\*DMPBZ

1960	-0.240005	35.266	48.7796	61.4848
1964	43.4661	104.996	184.474	125.238
1968	225.23	309.772	579.473	989.752
1972	1540.05	1372.98	2396.25	3539.95
1976	4187.27	5328.77	5367.95	

ESSBUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESSBUS = 88BUS-C8BUS-DEL(1 ; I8BUS)-R8BUS

1960	3808.	7666.	4066.	4912.
1964	5096.	5597.	6A20.	7120.
1968	7256.	7805.	11773.	11806.
1972	11343.	13047.	14672.	11450.
1976	15107.	15352.	19065.	

ESSBZ = DATE REVISED: 12/18/80  
ANNUAL DATA FROM 1960 TO 1978

ESSBZ = 0.75\*CSBZ-T8BZ\*DMPBZ

1960	-0.240005	35.266	48.7796	61.4848
1964	43.4661	104.996	184.474	125.238
1968	225.23	309.772	579.473	989.752
1972	1540.05	1372.98	2396.25	3539.95
1976	4187.27	5328.77	5367.95	

ESSBUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESSBUS = 88BUS-T8BUS\*DMPUS-DEL(1 ; I8BUS)-R8BUS

1960	590.055	533.199	965.824	1337.89
1964	1340.41	1847.01	2361.87	2409.01
1968	2629.32	2762.7	3697.2	4136.16
1972	3451.66	4305.37	5033.51	3900.16
1976	4668.64	4137.14	5518.66	

ESSDEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

ESSDEC = 88DEC-T8DEC\*DOLEC

1960	-17.769	8.21704	39.7888	13.509
1964	14.7839	22.27	31.7341	58.0268
1968	50.4028	46.4397	48.378	25.0068
1972	156.1	214.549	247.324	325.66
1976	266.026	240.608	364.728	

ESSOUS = DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

ESSOUS = ESSOUS-TSOUSS-DOLUS-DEL(1 ; 180US)-RSOUB

1960	431.96	327.5	592.937	529.562
1964	500.996	606.035	418.391	489.151
1968	437.542	394.829	643.169	789.442
1972	630.204	484.266	650.704	468.246
1976	443.514	701.49	932.941	

FEFFEC = DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

FARM EFFICIENCY GAINS IN THE EC (TIME TREND) SOURCE: FENNEL (207)

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

FINCUS = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

FARM INCOME FROM OILSEEDS IN THE U.S. CASH RECEIPTS FROM OIL BEARING CROPS (MILLIONS OF US\$) SOURCE: AGRICULTURAL STATISTICS, DEFLATED BY PPIUS

1959	1349.78	1440.25	1741.	1903.97
1963	2064.48	2267.37	2265.51	2725.22
1967	2798.21	2794.21	2895.83	3275.22
1971	3353.41	3736.78	5831.	6546.82
1975	4203.66	5108.36	4907.85	6451.77

FPIAD = DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1945 TO 1978

FARM PRICE INDEX IN ASIA-OCEANIA, PHILIPPINE INDEX OF FARM PRICES OF RICE (1967=100) SOURCE: WORLD BANK "PHILIPPINES SECTOR STUDY: GRAIN PRODUCTION POLICY REVIEW" JANUARY 1979

1945	1.535	1.172	0.609	0.662
1949	0.495	0.465	0.59	0.489
1953	0.48	0.429	0.405	0.435
1957	0.475	0.51	0.525	0.565
1961	0.67	0.637	0.773	0.894
1965	0.868	0.981	1.	0.955
1969	0.983	1.03	1.604	1.764
1973	1.963	2.576	2.668	2.791
1977	2.894	3.311		

FRSJP = DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1958 TO 1978

FARM PRICE OF RAPESEED IN JAPAN IN YEN/METRIC TON (JAPAN FISCAL YEAR) SOURCE: STATISTICAL YEARBOOK OF MINISTRY OF AGRICULTURE AND FORESTRY, DEFLATED BY PPIJP

1958	41760.	106618.	94241.	81731.
1962	75802.	74503.	70404.	66823.
1966	66702.	61000.	60098.	55147.
1970	60768.	63269.	68276.	70270.
1974	71166.	71570.	66907.	83651.
1978	86898.			

GATT = DATE REVISED: 1/26/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING ZERO BINDING ON TARIFFS ON IMPORTS OF SOYBEANS AND SOYMEAL INTO THE EC NEGOTIATED UNDER GATT IN 1967

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	1.	1.	1.	1.
1972	1.	1.	1.	1.
1976	1.	1.	1.	

GAUCN = DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1960 TO 1978

GRAIN CONSUMING ANIMAL UNITS IN CANADA FED BY CALENDAR YEAR IN 1000 HEAD, SOURCE: QUARTERLY BULLETIN OF AGRICULTURE STATISTICS, STATISTICS CANADA

1960	16718.	15322.	16033.	15485.
1964	15903.	16775.	16427.	16630.
1968	17215.	16771.	17116.	16679.
1972	19251.	19037.	19205.	18905.
1976	17438.	17601.	17943.	

BAUEC - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1960 TO 1978

GRAIN CONSUMING ANIMAL UNITS IN EUROPEAN COMMUNITY FED BY CALENDAR YEAR  
IN 1000 HEAD, SOURCE: FAO PRODUCTION

1960	66027.7	69188.7	71121.8	71679.6
1964	70575.3	73654.4	74942.1	75298.1
1968	76256.2	77463.7	79364.3	79613.9
1972	79583.3	82258.3	83970.3	84334.8
1976	83553.7	83830.6	84429.7	

GAUJP - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1960 TO 1978

GRAIN CONSUMING ANIMAL UNITS IN JAPAN FED BY CALENDAR YEAR IN 1000 HEAD  
SOURCE: JAPAN YEARBOOK

1960	6533.6	7921.8	10063.3	9904.6
1964	11041.6	12123.5	12892.2	14583.6
1968	15140.5	16334.4	18362.6	19419.6
1972	18852.2	19547.5	20557.2	19946.9
1976	20126.4	21480.6	22936.3	

GAUUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1960 TO 1978

GRAIN CONSUMING ANIMAL UNITS IN U.S. FED BY CALENDAR YEAR IN 1000 HEAD  
SOURCE: LIVESTOCK-FEED RELATIONSHIPS

1960	73211.	73844.	74759.	76701.
1964	76021.	74306.	74387.	77196.
1968	77125.	78443.	78458.	79868.
1972	80000.	79359.	78350.	70235.
1976	74626.	76193.	78346.	

GPIBZ - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1959 TO 1978

GENERAL PRICE INDEX IN BRAZIL (1965=67=100) SOURCE: CONJUNTURA  
ECONOMICA (INDEX 2)

1959	0.0533	0.0664	0.091	0.138
1963	0.242	0.461	0.723	0.997
1967	1.28	1.59	1.92	2.3
1971	2.77	3.24	3.73	4.8
1975	6.13	6.66	12.36	17.14

GPKAD - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING MALAYSIAN GOVERNMENT CONSTRUCTION OF LARGE  
PALM KERNEL PROCESSING PLANTS IN EARLY 1970S, AND SUBSEQUENT RESTRICTIONS ON  
EXPORT OF PALM KERNELS (1973-1978)  
1=YEARS OF EXPORT RESTRICTION 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	1.	1.	1.
1976	1.	1.	1.	

GSPNUS - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

GOVERNMENT SALES OF PEANUTS FOR CRUSHING FROM CCC STOCKS IN 1000 M.T.  
(YEAR ENDING JULY) SOURCE: U.S. FATS AND OILS STATISTICS

1960	80.7	110.7	55.3	82.1
1964	131.1	152.9	198.2	213.6
1968	216.8	220.9	214.1	327.5
1972	336.9	347.5	280.	269.5
1976	452.9	245.9	100.6	

GSSBUS - DATE REVISED: 10/27/80  
ANNUAL DATA FROM 1959 TO 1978

CCC OWNED STOCKS OF SOYBEANS IN 1000 M.T. (YEAR ENDING  
AUGUST) SOURCE: AGRICULTURAL STATISTICS

1959	0.	0.	0.	0.
1963	0.	0.	0.	0.
1967	0.	0.	0.789251	145.032
1971	237.809	0.054431	0.	0.
1975	0.	0.	0.	0.

GMCSAF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING GOOD WEATHER IN COTTONSEED PRODUCING AREAS  
IN AFRICA IN 1963, 64, 69, 70, 77.  
1=YEARS OF GOOD WEATHER 0=ALL OTHER YEARS

1960	0.	0.	0.	1.
1964	1.	0.	0.	0.
1968	0.	1.	1.	0.
1972	0.	0.	0.	0.
1976	0.	1.	0.	

ICMUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF COTTONSEED MEAL IN U.S. IN 1000 M.T. (MARKETING YEAR  
ENDING JULY) SOURCE: FATS AND OILS SITUATION

1958	102.	106.	172.	130.
1962	122.	172.	226.	152.
1966	122.	134.	143.	141.
1970	69.	100.	93.	99.
1974	103.	74.	54.	104.
1978	78.			

ICOUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF COTTONSEED OIL IN U.S. IN 1000 M.T. (MARKETING YEAR  
ENDING JULY) SOURCE: FATS AND OILS SITUATION

1958	76.	96.	130.	113.
1962	147.	233.	283.	191.
1966	137.	135.	72.	200.
1970	97.	76.	93.	86.
1974	61.	66.	71.	69.
1978	49.			

IC8US - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1957 TO 1978

ENDING STOCKS OF COTTONSEED IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING  
JULY) SOURCE: FATS AND OILS SITUATION

1957	149.	159.	91.	95.
1961	171.	254.	212.	152.
1965	142.	185.	190.	55.
1969	144.	73.	198.	213.
1973	461.	435.	503.	183.
1977	257.	740.		

IMCUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF PALM OIL IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING  
SEPTEMBER) SOURCE: FATS AND OILS SITUATION

1958	5.	22.	10.	12.
1962	7.	17.	10.	5.
1966	8.	6.	13.	13.
1970	9.	16.	42.	27.
1974	40.	58.	63.	59.
1978	34.			

INCAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF AFRICA, AGGREGATE GDP OR GNP OF NIGERIA, SENEGAL, EGYPT AND  
ZAIRES IN MILLIONS US\$ (CALENDAR YEAR) SOURCE: IMF, IFS. DEFLATED BY CPIAF

1960	13255.	12793.	12700.	14241.
1964	12570.	13678.	14018.	11949.
1968	11166.	12392.	14381.	15937.
1972	17306.	18668.	22355.	21099.
1976	21306.	20611.	20194.	

INCBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF BRAZIL, DISPOSABLE INCOME OF THE PRIVATE SECTOR IN MILLIONS OF  
CRUZEIRAS (CALENDAR YEAR) SOURCE: WILLIAMS. DEFLATED BY CPIBZ

1960	35,4232	39,7604	43,6684	44,576
1964	45,8354	36,6113	47,9342	52,2612
1968	55,9938	63,3443	74,5003	81,8028
1972	90,5927	104,316	116,834	130,855
1976	146,557	152,404	161,67	



INCCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF CANADA, PERSONAL DISPOSABLE INCOME IN CANADIAN \$ (CALENDAR YEAR) SOURCE: NATIONAL INCOME AND EXPENDITURE ACCOUNTS, STATISTICS CANADA. DEFLATED BY CPICH

1960	3477.4	3485.0	3752.1	3930.4
1964	4085.2	4379.6	4645.1	4845.3
1968	5056.2	5264.4	5400.9	5831.0
1972	6317.2	6872.3	7351.9	7782.2
1976	8201.3	8374.5	8543.5	

INCEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF THE EUROPEAN COMMUNITY, GNP OR GDP OF THE EC-9 IN BILLIONS OF DEUTSCHE MARKS (CALENDAR YEAR) SOURCE: IMF, IFS, DEFLATED BY CPIEC

1960	1599.3	1661.2	1730.2	1802.8
1964	1926.4	2019.	2093.3	2150.8
1968	2174.9	2268.8	2261.8	2311.2
1972	2376.2	2312.2	1997.9	2180.1
1976	2083.	1974.4	1983.5	

INCJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF JAPAN, GNP OF JAPAN IN BILLIONS OF YEN (CALENDAR YEAR) SOURCE: IMF, IFS. DEFLATED BY CPIJP

1960	23536.	24000.	29047.	31910.
1964	34965.	37376.	40794.	45842.
1968	52063.	54515.	66279.	67825.
1972	73208.	85480.	91322.	80868.
1976	81290.	82859.	84898.	

INCUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF THE U.S., DISPOSABLE PERSONAL INCOME IN BILLIONS OF US\$ (CALENDAR YEAR) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY CPIUS

1960	394.4	405.	423.7	439.2
1964	470.4	499.7	525.1	544.5
1968	564.4	574.1	589.8	612.4
1972	639.5	677.5	666.6	674.1
1976	694.7	719.1	746.7	

INCUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF COCONUT OIL IN THE U.S. IN 1000 M.T. (MARKETING YEAR ENDING SEPTEMBER) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1958	52.	140.	147.	137.
1962	93.	103.	74.	52.
1966	67.	36.	43.	49.
1970	46.	49.	50.	52.
1974	55.	49.	58.	75.
1978	66.			

INXAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

INCOME OF ASIA-OCEANIA, INDEX OF GDP IN "OTHER ASIA AND OCEANIA" 1967=100 SOURCE: U.N. YEARBOOK OF NATIONAL ACCOUNT STATISTICS, DEFLATED BY CPIAO

1960	70.6	73.4	77.6	82.7
1964	88.2	90.7	95.	100.
1968	106.4	114.4	121.	127.
1972	132.4	142.4	147.7	155.
1976	163.5	177.6	181.5	

IPNUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS IN PEANUT MEAL IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING JULY) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1958	2.	2.	4.	3.
1962	4.	3.	5.	2.
1966	3.	9.	4.	4.
1970	4.	10.	1.	3.
1974	3.	5.	3.	5.
1978	6.			

IPNUS - DATE REVISED: 10/25/80  
ANNUAL DATA FROM 1957 TO 1978

ENDING STOCKS IN PEANUTE IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING JULY) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1957	207.	164.	233.	192.
1961	167.	176.	180.	166.
1965	169.	187.	169.	160.
1969	162.	160.	206.	178.
1973	195.	251.	520.	481.
1977	276.	264.		

IPOUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS IN PEANUT OIL IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING JULY) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1958	5.	10.	6.	11.
1962	8.	15.	9.	9.
1966	24.	22.	15.	15.
1970	11.	19.	15.	17.
1974	15.	15.	62.	101.
1978	21.			

IRSCN - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF RAPESEED IN CANADA IN 1000 M.T. (CROP YEAR ENDING JULY) SOURCE: GRIFFITH

1958	6.	6.	3.	11.
1962	49.	11.	20.	30.
1966	75.	135.	220.	120.
1970	84.	250.	978.	456.
1974	275.	400.	1049.	199.
1978	325.			

ISBCN - DATE REVISED: 11/05/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF SOYBEANS IN CANADA IN 1000 M.T. (CROP YEAR ENDING JULY) SOURCE: GRIFFITH

1958	47.	66.	69.	49.
1962	29.	36.	42.	29.
1966	51.	47.	46.	44.
1970	42.	72.	54.	24.
1974	38.	27.	30.	33.
1978	32.			

ISBUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1957 TO 1978

ENDING STOCKS OF SOYBEANS IN U.S. IN 1000 M.T. (CROP YEAR ENDING AUGUST) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1957	860.	1165.	2390.	1410.
1961	738.	2131.	1252.	1832.
1965	808.	969.	2452.	4526.
1969	6894.	6254.	2689.	1960.
1973	1622.	4651.	5122.	6665.
1977	2801.	4362.		

ISMUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF SOYMEAL IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING SEPTEMBER) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1958	44.	53.	75.	71.
1962	85.	144.	111.	96.
1966	120.	125.	132.	142.
1970	124.	132.	174.	166.
1974	460.	325.	322.	207.
1978	220.			

ISOUS - DATE REVISED: 10/24/80  
ANNUAL DATA FROM 1958 TO 1978

ENDING STOCKS OF SOYDIL IN U.S. IN 1000 M.T. (MARKETING YEAR ENDING SEPTEMBER) SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS

1958	124.	135.	140.	307.
1962	280.	417.	262.	135.
1966	210.	270.	245.	188.
1970	246.	351.	356.	234.
1974	360.	255.	567.	350.
1978	331.			

LAWPNUS - DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE REPRESENTING A CHANGE IN THE LAW  
INCREASING THE LEVEL OF PEANUT MARKETING QUOTAS FROM THE  
LOW 1960-1968 LEVELS

1960	1.	1.	1.	1.
1964	1.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

LIFT - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1959 TO 1978

DUMMY VARIABLE INDICATING OPERATION LIFT IN CANADA IN 1971;  
1=YEAR OF PROGRAM 0=ALL OTHER YEARS

1959	0.	0.	0.	0.
1963	0.	0.	0.	0.
1967	0.	0.	0.	0.
1971	1.	0.	0.	0.
1975	0.	0.	0.	0.

LRJJP - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING RAPESEED IMPORT LIBERALIZATION IN JAPAN  
IN 1971-76.  
1=YEARS OF LIBERALIZATION 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	1.
1972	1.	1.	1.	1.
1976	1.	1.	1.	1.

MCPAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

COPHA MARGIN IN AFRICA IN US\$/M.T. SOURCE: CALCULATED

1960	43.38	23.11	53.31	1.85
1964	7.75	20.06	14.65	14.06
1968	22.57	24.86	72.32	36.42
1972	74.22	66.24	21.31	36.74
1976	32.24	26.5	13.2	

MCPAD - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

COPHA MARGIN IN OTHER ASIA-OCEANIA IN PHIL. PESDS/M.T. SOURCE:  
CALCULATED

1960	112.56	89.75	146.11	138.52
1964	138.6	156.18	154.2	107.16
1968	97.97	77.64	156.76	136.13
1972	141.28	100.72	314.36	53.39
1976	306.22	366.49	232.	

MEPEC - DATE REVISED: 12/15/80  
ANNUAL DATA FROM 1960 TO 1978

COPHA MARGIN IN THE EC IN D.M./M.T. SOURCE: CALCULATED

1960	144.41	108.65	139.12	122.45
1964	100.	92.21	65.24	77.07
1968	133.16	81.35	112.38	116.84
1972	95.42	121.85	33.4	125.15
1976	92.57	67.14	66.08	

MCPJP - DATE REVISED: 2/09/81  
ANNUAL DATA FROM 1960 TO 1978

COPHA MARGIN IN JAPAN IN YEN/M.T. SOURCE: CALCULATED

1960	3314.	6771.	8646.	7691.
1964	10211.	11616.	6371.	22312.
1968	7942.	6220.	7566.	13790.
1972	6837.	18547.	20579.	4450.
1976	12710.	5116.	7242.	

MC8AF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

COTTONSEED MARGIN IN AFRICA IN US\$/M.T. SOURCE: CALCULATED

1960	-2.35	2.67	1.74	27.22
1964	19.72	22.04	21.85	19.13
1968	14.13	29.56	24.16	24.88
1972	19.38	16.22	2.96	27.06
1976	17.78	19.75	17.52	

MC8AO - DATE REVISED: 12/09/80  
ANNUAL DATA FROM 1960 TO 1978

COTTONSEED MARGIN IN OTHER ASIA-OCEANIA IN RUPEES/M.T. SOURCE: CALCULATED

1960	77.39	137.73	139.67	-28.36
1964	41.72	-22.67	36.4	14.1
1968	-1.55	-18.62	53.1	7.94
1972	51.04	96.84	22.17	813.19
1976	324.62	293.62	261.	

MC8BZ - DATE REVISED: 12/01/80  
ANNUAL DATA FROM 1960 TO 1978

COTTONSEED MARGIN IN BRAZIL IN CR\$/M.T. SOURCE: CALCULATED

1960	91,9075	158,745	1,16438	12,4903
1964	36,6236	-11,7877	-1,09901	3,58537
1968	12,8217	14,8577	-8,88206	11,2915
1972	29,3135	-34,6118	-28,3263	31,3262
1976	-16,5117	-186,015	23,5042	

MC8EC - DATE REVISED: 12/15/80  
ANNUAL DATA FROM 1960 TO 1978

COTTONSEED MARGIN IN THE EC IN D./M.T. SOURCE: CALCULATED

1960	-92.83	-25.86	-2.77	-20.05
1964	-23.38	-37.39	12.2	-19.41
1968	0.11	2.18	25.79	46.06
1972	42.77	127.04	161.19	86.13
1976	1.86	-211.02	34.36	

MC8JP - DATE REVISED: 2/09/81  
ANNUAL DATA FROM 1960 TO 1978

COTTONSEED MARGIN IN JAPAN IN YEN/M.T. SOURCE: CALCULATED

1960	2135.	2931.	6491.	7970.
1964	4898.	7135.	1701.	1144.
1968	1883.	854.	5859.	-1804.
1972	5401.	6559.	-2695.	849.
1976	5101.	5781.	3415.	

MC8US - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

COTTONSEED MARGIN IN U.S. IN \$/M.T. SOURCE: CALCULATED

1960	21.5	22.76	18.01	17.68
1964	11.34	19.43	28.33	12.18
1968	22.28	17.69	29.71	23.32
1972	17.81	50.95	44.03	18.36
1976	27.82	35.67	35.98	

MINPNUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1959 TO 1978

DUMMY VARIABLE INDICATING IMPACT OF CCC MINIMUM PEANUT SALES POLICY FOR  
DIVERSION SALES AT 100 PCT OF THE LOAN LEVEL IN 1974.  
1=YEAR OF IMPACT 0=ALL OTHER YEARS

1959	0.	0.	0.	0.
1963	0.	0.	0.	0.
1967	0.	0.	0.	0.
1971	0.	0.	0.	1.
1975	0.	0.	0.	0.

MPKAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

PALM KERNELS MARGIN IN AFRICA US\$/M.T. SOURCE: CALCULATED

1960	382.23	412.84	343.53	313.8
1964	290.39	335.94	282.25	259.3
1968	204.88	182.22	276.75	257.34
1972	211.53	260.97	506.46	313.1
1976	215.01	230.3	233.7	

MPKAO - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

PALM KERNELS MARGIN IN OTHER ASIS-OCEANIA IN MALAYSIAN RINGGITS/M.T.  
SOURCE: CALCULATED

1960	13637.2	13636.3	12564.2	11676.7
1964	11887.6	12812.9	9909.73	8751.98
1968	7147.54	6994.51	8663.57	8450.9
1972	5532.56	5356.56	6958.56	5836.78
1976	5124.26	6350.51	4859.26	

MPKEC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

PALM KERNELS MARGIN IN THE EC IN D.H./M.T. SOURCE: CALCULATED

1960	191.66	59.8	65.66	110.3
1964	123.71	170.15	102.59	-4.18
1968	146.45	146.64	206.07	60.31
1972	92.45	7.94	219.37	95.75
1976	72.12	64.11	90.84	

MPNAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

PEANUTS MARGIN IN AFRICA IN US\$/M.T. SOURCE: CALCULATED

1960	46.26	51.7	50.78	45.34
1964	42.96	35.54	27.26	40.36
1968	25.99	22.84	25.3	27.5
1972	7.48	11.33	56.5	11.91
1976	20.55	3.97	-10.12	

MPNAD - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

PEANUTS MARGIN IN OTHER ASIA-OCEANIA IN RUPEES/M.T. SOURCE: CALCULATED

1960	279.43	300.	219.46	188.28
1964	293.22	393.21	632.96	264.2
1968	251.6	543.76	476.98	183.26
1972	314.54	702.54	481.4	472.94
1976	321.74	523.17	444.63	

MPNUZ - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

PEANUTS MARGIN IN BRAZIL IN CR\$/M.T. SOURCE: CALCULATED

1960	472,684	400,011	284,425	247,51
1964	317,419	301,327	286,638	233,654
1968	182,866	191,444	183,139	182,915
1972	174,702	85,0815	156,105	151,615
1976	95,6573	86,2837	40,2163	

MPNEC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

PEANUTS MARGIN IN THE EC IN D.M./M.T. SOURCE: CALCULATED

1960	87.74	85.92	89.	70.28
1964	112.13	81.2	70.9	85.19
1968	85.59	71.72	75.72	75.64
1972	83.38	114.17	86.1	96.45
1976	87.67	30.16	58.61	

MPNUS - DATE REVISED: 12/12/80  
ANNUAL DATA FROM 1960 TO 1978

PEANUTS MARGIN IN U.S. IN \$/M.T. SOURCE: CALCULATED

1960	8.41	16.75	42.25	15.89
1964	-37.49	-36.19	-40.16	-31.66
1968	-22.61	-14.62	-27.29	-32.96
1972	-24.16	-57.72	-4.23	-35.63
1976	-25.39	22.77	-20.39	

MR8AF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RAPESEED MARGIN IN AFRICA IN US\$/M.T. SOURCE: CALCULATED

1960	-7.04	5.72	-93.14	-93.3
1964	-40.33	-16.69	-56.04	-14.1
1968	2.06	-2.55	0.34	-5.81
1972	-105.05	19.3	19.94	-8.44
1976	-6.31	19.81	17.05	

MH8AO - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RAPESEED MARGIN IN OTHER ASIA-OCEANIA IN RUPEES/M.T. SOURCE: CALCULATED

1960	331.55	308.74	409.58	298.26
1964	584.22	559.03	423.75	284.2
1968	392.72	376.46	533.47	125.28
1972	372.04	618.45	399.47	1389.96
1976	1256.72	411.22	589.6	

MR8CN - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RAPESEED MARGIN IN CANADA IN C\$/M.T. SOURCE: CALCULATED

1960	36.42	75.48	62.65	48.07
1964	29.12	25.85	39.48	30.31
1968	55.44	55.74	53.49	42.88
1972	73.88	41.11	9.54	40.31
1976	34.98	26.76	19.	

MR8EC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RAPESEED MARGIN IN THE EC IN D.M./M.T. SOURCE: CALCULATED

1960	-111.25	-80.92	-172.7	-162.07
1964	-76.43	-16.04	-57.43	-208.07
1968	-338.75	-261.1	-233.02	-161.33
1972	-184.15	121.79	271.49	18.28
1976	8.2	-29.36	-50.14	

MR8IEC - DATE REVISED: 1/03/81  
ANNUAL DATA FROM 1960 TO 1978

$$MR8IEC = 0.35 * PROEC + 0.62 * PR8EC - XDMFF * PRIEC$$

1960	-18,9038	66,6943	60,5415	77,3801
1964	119,377	107,351	25,6494	6,46045
1968	-24,0581	4,80518	-31,1729	33,4827
1972	69,1821	124,251	12,4866	72,2698
1976	8,13403	-14,8579	65,5757	

MR8JP - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RAPESEED MARGIN IN JAPAN IN YEN/M.T. SOURCE: CALCULATED

1960	40380,	24380,	24881,	96708,
1964	17083,	14985,	16699,	10662,
1968	12404,	12323,	15499,	10129,
1972	17537,	8224,	1107,	3954,
1976	8573,	13598,	11760,	

MR8BZ - DATE REVISED: 12/01/80  
ANNUAL DATA FROM 1960 TO 1978

SOYBEAN MARGIN IN BRAZIL IN C\$/M.T. SOURCE: CALCULATED

1960	371,387	315,432	215,137	169,805
1964	164,452	548,449	138,99	184,211
1968	165,032	164,155	153,274	137,151
1972	140,947	5,70109	109,541	124,941
1976	134,526	110,735	92,5268	

MR8CN - DATE REVISED: 12/05/80  
ANNUAL DATA FROM 1960 TO 1978

SOYBEAN MARGIN IN CANADA IN C\$/M.T. SOURCE: CALCULATED

1960	34,36	56,77	50,09	44,94
1964	26,34	40,16	60,59	29,38
1968	35,59	40,56	56,26	48,17
1972	39,39	102,79	63,95	36,25
1976	44,72	42,45	44,68	

MSBEC - DATE REVISED: 12/16/80  
ANNUAL DATA FROM 1960 TO 1978

SOYBEAN MARGIN IN THE EC IN D.M./M.T. SOURCE: CALCULATED

1960	50.08	22.25	58.09	10.13
1964	12.01	20.88	2.88	20.19
1968	12.17	33.17	61.58	33.16
1972	18.34	70.88	35.55	1.86
1976	7.24	7.26	13.56	

MSBJP - DATE REVISED: 12/05/80  
ANNUAL DATA FROM 1960 TO 1978

SOYBEAN MARGIN IN JAPAN IN YEN/M.T. SOURCE: CALCULATED

1960	23549.	16860.	17552.	14848.
1964	8991.	13993.	15524.	15818.
1968	17360.	21960.	20024.	12209.
1972	23137.	43238.	20931.	7172.
1976	16379.	4369.	11540.	

MSBUS - DATE REVISED: 12/12/80  
ANNUAL DATA FROM 1960 TO 1978

SOYBEAN MARGIN IN U.S. IN \$/M.T. SOURCE: CALCULATED

1960	9.94	20.55	9.98	12.3
1964	3.73	10.26	16.03	7.88
1968	8.89	8.36	24.22	12.9
1972	10.48	40.94	28.42	-4.71
1976	11.56	10.03	12.18	

OTM05 - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING THE STATE OF TECHNOLOGY IN PROCESSING PALM OIL BEFORE THE SUCCESSFUL FRACTIONATION OF PALM OIL, 1960-70.  
FILE

1960	1.	1.	1.	1.
1964	1.	1.	1.	1.
1968	1.	1.	1.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	

PAFUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF ANIMAL FATS IN U.S. (BUTTER, TALLOW, AND LARD) IN \$/M.T.  
(YEAR ENDING SEPTEMBER) SOURCE: CALCULATED. DEFLATED BY WPIUS

1960	566.4	606.98	576.56	556.17
1964	584.74	608.89	624.48	541.72
1968	505.46	536.58	591.46	539.64
1972	513.39	568.32	556.29	582.8
1976	566.29	550.68	528.12	

PBTBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF BUTTER IN BRAZIL IN \$/M.T. (CALENDAR YEAR) (MANTEIGA SALGADA)  
SOURCE: ANUARIO ESTATISTICO (IBGE). DEFLATED BY CPIBZ

1960	3773.2	3874.73	3038.93	2956.69
1964	4055.91	3801.17	3223.3	3131.78
1968	3440.	3675.68	2973.68	3221.84
1972	3039.77	2667.49	3213.46	3175.15
1976	2833.67	2929.28	1936.91	

PBTCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF BUTTER IN CANADA IN \$/M.T. (CALENDAR YEAR) SOURCE: CONSUMER  
PRICES AND PRICE INDICES, STATISTICS CANADA. DEFLATED BY WPCIN

1960	1834.12	1834.56	1610.67	1497.91
1964	1495.49	1539.98	1636.39	1625.76
1968	1659.32	1630.88	1587.33	1571.33
1972	1572.66	1461.05	1369.08	1536.34
1976	1566.13	1566.78	1580.74	

PBTEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF BUTTER IN EUROPE - FRANCE, WHOLESAL FROM NORMANDY,  
FRANCS/M.T. (CALENDAR YEAR) SOURCE: FAO, DEFLATED BY WPIEC

1960	8193.	7688.	7783.	8376.
1964	8240.	8139.	7A56.	8038.
1968	8635.	7965.	6906.	7189.
1972	7135.	6436.	4926.	5698.
1976	5340.	5029.	4763.	

PBTJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF BUTTER IN JAPAN, DETAIL, YEN/M.T. (JFY) SOURCE: AGRICULTURE  
MINISTRY, STATISTICAL YEARBOOK, DEFLATED BY WPIJP

1960	704635.	775414.	828071.	855615.
1964	642105.	A39454.	833333.	813835.
1968	800000.	792079.	776699.	789938.
1972	834381.	A52302.	818524.	776274.
1976	617247.	A0A061.	850698.	

PBYCNLI - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF BARLEY IN CANADA LAGGED 1 YEAR, AVERAGE FARM PRICE, CNS/M.T.  
SOURCE: HANDBOOK OF AGRICULTURAL STATISTICS, STATISTICS CANADA,  
DEFLATED BY PPICN

1960	57.25	56.76	55.68	57.84
1964	52.05	50.43	52.27	49.8
1968	49.6	51.29	48.39	45.97
1972	48.65	42.91	33.05	45.71
1976	57.08	46.57	47.49	

PBYJPLI - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF BARLEY IN JAPAN LAGGED 1 YEAR, NAKED BARLEY, YEN/M.T. (JFY)  
SOURCE: AGRICULTURAL MINISTRY STATISTICS YEARBOOK, DEFLATED BY PPIJP

1960	81925.	75529.	71648.	65477.
1964	82600.	55932.	52696.	51327.
1968	50350.	51855.	50536.	50655.
1972	52314.	52970.	44602.	42043.
1976	47647.	47941.	51794.	

PCMAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CUTTONSEED MEAL IN AFRICA EXPORT UNIT VALUE IN US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAF

1960	87,5362	78,6008	80,646	85,3557
1964	75,0354	73,7262	74,6958	68,56
1968	55,7666	54,5899	53,6394	52,4699
1972	50,6773	79,7852	61,5897	42,752
1976	43,0079	50,9567	39,3807	

PCMAU - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CUTTONSEED MEAL IN OTHER ASIA-OCEANIA WHOLESAL UNDECORTICATED  
(BOMBAY, INDIA) RUPEES/M.T. (CALENDAR YEAR) SOURCE: AGRICULTURAL PRICES  
IN INDIA, DEFLATED BY CPIAU

1960	535,793	497,699	517,968	431,693
1964	419,557	449,03	523,073	544,2
1968	467,216	520,605	500,539	472,929
1972	440,655	605,007	506,396	374,394
1976	435,662	562,172	433,048	

PCMBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CUTTONSEED MEAL IN BRAZIL IN CRS/M.T., WHOLESAL  
(CALENDAR YEAR) SOURCE: INSTITUTO DE ECONOMICA AGRICOLA, DEFLATED BY WPIBZ

1960	144,509	154,321	150,685	147,86
1964	195,699	177,374	128,713	138,211
1968	133,758	128,342	134,529	136,531
1972	141,066	209,239	176,842	154,86
1976	166,62	157,763	158,053	



PCMEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CUTTONSEED MEAL IN THE EC-UK, D.M./M.T. 43% PROTEIN ORIGIN  
EX AVON/LIVERPOOL (CALENDAR YEAR) SOURCE: FAO, DEFLATED BY WPTEC

1960	446,433	415,755	437,414	441,221
1964	512,902	472,164	450,942	441,827
1968	334,554	333,553	359,24	332,689
1972	361,453	677,713	369,362	335,965
1976	364,26	386,898	264,74	

PCMJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTONSEED MEAL IN JAPAN IN YEN/M.T. WHOLESALE DELIVERY AT R.R.  
ARRIVAL POINT SOURCE: FEED MONTHLY, JAPAN FEEDSTUFFS ASSN. DEFLATED BY WPIJP

1960	33089.2	31460.6	30933.7	37019.
1964	32028.4	35648.5	33888.5	32525.9
1968	32347.	33161.4	36116.5	29909.3
1972	35195.3	55827.9	40344.9	30110.7
1976	36272.8	38000.	25550.8	

PCMUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1979

PRICE OF CUTTONSEED MEAL IN U.S. IN \$/M.T. BULK MEMPHIS 41% PROTEIN  
(YEAR ENDING JULY) SOURCE: FATS AND OILS SITUATION, DEFLATED BY WPUS

1957	61,8191	64,9258	70,4008	64,7729
1961	64,2072	68,9651	76,5185	73,8161
1965	68,853	76,4516	86,6767	83,6114
1969	69,8195	71,4051	71,6991	69,3277
1973	122,777	99,9474	78,3699	85,7979
1977	106,526	72,6637	77,9271	

PCNAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN AFRICA, IMPORT UNIT VALUE IN US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO, DEFLATED BY CPIAF

1960	89.19	84.4	74.68	76.22
1964	79.28	82.67	69.34	61.78
1968	56.85	55.33	54.38	69.48
1972	54.41	66.4	94.06	80.43
1976	68.56	46.52	42.5	

PCNAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN OTHER ASIA-OCEANIA IMPORT UNIT VALUE IN RUPEES/M.T.  
(CALENDAR YEAR) SOURCE: FAO, DEFLATED BY CPIAO

1960	439.72	429.6	434.56	432.72
1964	400.7	538.24	552.39	521.93
1968	433.12	449.65	493.66	464.41
1972	407.42	520.16	632.74	637.5
1976	594.4	514.29	470.05	

PCNBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN BRAZIL, WHOLESALE, CRS/M.T. IN SAO PAULO YELLOW CORN  
(CALENDAR YEAR) SOURCE: ANUARIO ESTATISTICO (CFP) DEFLATED BY WPIBZ

1960	101.16	126.6	138.13	86.2
1964	117.2	103.58	101.98	113.41
1968	90.23	105.53	109.04	109.16
1972	117.61	142.07	142.74	158.95
1976	141.39	112.86	126.5	

PCNCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN CANADA IN C\$/M.T. #2 YELLOW BUYING PRICES CARLOTS,  
CHATHAM 15% MOISTURE (YEAR ENDING JULY) SOURCE: TDAM, DEFLATED BY WPICN

1960	53.67	52.7	55.51	61.79
1964	61.29	63.42	62.15	62.78
1968	51.51	53.21	54.02	57.29
1972	45.08	63.58	80.6	79.73
1976	64.81	54.19	52.31	

PCNEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN EUROPE-ROTTERDAM U.S.#2 YELLOW CIF NORTH SEAPORTS  
D.M./M.T. (CALENDAR YEAR) SOURCE: TDAM, DEFLATED BY WPIEC

1960	298.22	272.7	266.14	290.35
1964	284.17	286.09	285.13	269.45
1968	236.39	239.74	246.79	217.78
1972	189.77	244.93	236.11	210.89
1976	182.32	132.19	116.93	

PCNJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN JAPAN OF IMPORTED GRAIN YEN/M.T. (YEAR ENDING MARCH)  
SOURCE: FEED MONTHLY, JAPAN FEEDSTUFFS ASSN. DEFLATED BY WPIJP

1960	23086.	22396.	21557.	24097.
1964	24274.	25375.	25784.	24370.
1968	21126.	21603.	24779.	21335.
1972	18727.	28690.	37345.	26200.
1976	22521.	16361.	13204.	

PCNUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN IN U.S. IN 3/4 M.T. #2 YELLOW CHICAGO (YEAR ENDING SEPT.)  
SOURCE: TDAM, FEED SITUATION, DEFLATED BY WPIUS

1960	49.05	46.19	46.56	52.07
1964	52.02	53.77	52.39	53.59
1968	44.09	45.61	47.05	51.21
1972	41.21	57.84	76.31	71.
1976	59.78	47.31	43.48	

PCOAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTONSEED OIL IN AFRICA IMPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAF

1960	393,698	424,952	354,535	397,464
1964	331,002	366,24	347,46	326,72
1968	299,624	311,431	275,242	326,781
1972	288,676	250,257	257,697	432,075
1976	225,451	209,35	179,412	

PCOAU - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTONSEED OIL IN OTHER ASIA-OCEANIA WHOLESALE (BOMBAY INDIA)  
RUPEES/M.T. (CALENDAR YEAR) SOURCE: AGRICULTURAL PRICES IN INDIA,  
DEFLATED BY CPIAU

1960	3518.84	3309.66	3411.83	2389.73
1964	2739.63	3060.	4317.87	3610.4
1968	2756.29	3635.82	4177.89	3428.60
1972	3406.55	4486.76	4219.77	8128.22
1976	5145.43	5272.44	4726.45	

PCOAZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTONSEED OIL IN BRAZIL, WHOLESALE, (CALENDAR YEAR) SAO PAULO  
SOURCE: ANUARIO ESTADISTICO (CFP) DEFLATED BY CPIRZ

1960	1448.6	1279.91	891.275	853.582
1964	1172.86	1233.01	1076.25	957.814
1968	1015.4	998.475	920.06	920.457
1972	849.836	730.478	918.962	1052.48
1976	860.294	960.62	850.966	

PCOEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTONSEED OIL IN THE EC, US COTTONSEED OIL D.M./M.T.  
CIF ROTTERDAM (CALENDAR YEAR) SOURCE: IFS DATA FUND, DEFLATED BY WPIEC

1960	1327.99	1625.71	1401.81	1257.36
1964	1257.11	1367.34	1597.5	1327.17
1968	1397.81	1265.69	1331.92	1405.01
1972	1115.34	1522.77	1972.77	1506.36
1976	1074.66	962.604	942.015	

PCOJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTOSEED OIL IN JAPAN IMPORT UNIT VALUE YEN/M.T.  
(CALENDAR YEAR) SOURCE: JAPAN OIL AND FAT IMPORTERS AND EXPORTERS ASSN.  
DEFLATED BY WPIJP

1960	135941.	135996.	140044.	123377.
1964	113809.	129959.	122569.	123381.
1968	115236.	87633.6	112494.	113853.
1972	98245.2	90608.9	156570.	161473.
1976	106269.	97518.1	76024.	

PCOUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1979

PRICE OF COTTOSEED OIL IN U.S. IN S/M.T. TANK CARS, CRUDE, VALLEY  
(YEAR ENDING JULY) SOURCE: FATS AND OILS SITUATION, DEFLATED BY WPIUS

1957	315,019	312,945	267,437	232,798
1961	270,338	266,669	242,624	230,719
1965	264,369	284,466	284,685	275,039
1969	242,608	241,378	266,796	247,668
1973	232,331	444,691	432,006	299,47
1977	291,416	255,374	301,115	

PCPAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1945 TO 1978

PRICE OF CUPRA EXPORT UNIT VALUE IN AFRICA IN US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAU, DEFLATED BY CPIAF

1945	292.46	315.67	433.98	536.06
1949	354.74	395.24	372.69	262.07
1953	323.24	290.67	269.01	255.34
1957	236.55	257.12	274.38	248.22
1961	206.84	184.43	199.56	197.19
1965	223.15	184.52	162.43	187.29
1969	145.09	152.34	144.19	87.34
1973	136.05	275.49	114.81	83.65
1977	99.12	101.18		

PCPAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1945 TO 1978

PRICE OF COPRA IN OTHER ASIA-OCEANIA IN PHIL. PESOS/M.T. EXPORT PRICE  
SUN DRIED FOB MANILLA (CALENDAR YEAR) SOURCE: FAU, DEFLATED BY FPIAD

1945	129.64	199.66	574.71	776.44
1949	628.28	774.19	613.56	503.07
1953	762.5	717.95	669.14	597.7
1957	597.89	739.22	869.52	706.19
1961	566.66	742.54	699.87	626.4
1965	739.63	566.77	631.	797.91
1969	679.55	948.54	556.73	391.16
1973	954.15	1429.35	674.66	512.36
1977	839.67	630.87		

PCPHZL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CURN RECEIVED BY PRODUCERS IN BRAZIL, LAGGED 1 YEAR IN CR/M.T.  
(CALENDAR YEAR) SOURCE: PREÇOS RECEBIDOS PELOS AGRICULTORES, DEFLATED BY PPIBZ

1960	132.55	84.91	125.52	108.5
1964	84.31	103.96	69.01	87.25
1968	89.76	75.84	96.13	87.12
1972	82.53	87.96	108.24	100.
1976	117.3	91.24	70.26	

PCPCNL1 - DATE REVISED: 2/18/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CURN RECEIVED BY PRODUCERS IN CANADA, LAGGED 1 YEAR  
IN CANS/M.T. (CROP YEAR) SOURCE: HANDBOOK OF AGRICULTURAL STATISTICS,  
STATISTICS CANADA, DEFLATED BY PPICN

1960	58.	55.1	56.12	52.98
1964	56.79	61.75	55.08	50.71
1968	57.89	50.32	48.62	51.66
1972	53.5	40.58	39.26	53.05
1976	59.59	51.69	46.16	

PCPEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CUPRA IN THE EC PHILIPPINE/INDONESIAN, BULK, CIF EUROPE  
D.M./M.T. SOURCE: FOREIGN AGRICULTURAL CIRCULARS (FOP SERIES).  
DEFLATED BY WPIEC

1960	1141.5	690.137	864.273	946.905
1964	970.493	1101.77	897.096	973.69
1968	1054.09	882.936	830.58	681.005
1972	888.823	1045.22	1453.85	562.142
1976	898.369	623.679	671.239	

PCPJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CUPRA IN JAPAN IMPORT UNIT VALUE YEN/M.T. SOURCE: JAPAN OIL  
AND FAT IMPORTERS AND EXPORTERS ASSN. DEFLATED BY WPIJP

1960	77705.4	60522.3	59217.9	66698.4
1964	69093.6	76027.2	67570.8	65909.4
1968	77638.	66457.4	73740.7	61090.7
1972	37711.3	61017.8	144451.	48064.6
1976	38819.1	60796.	50540.9	

PCPUS1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CORN RECEIVED BY PRODUCERS IN U.S. IN \$/M.T., LAGGED 1 YEAR  
(CRUP YEAR) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY PPIUS

1960	45.69	44.4	41.62	45.30
1964	45.83	45.72	48.23	44.12
1968	48.29	40.03	40.08	41.11
1972	47.64	35.49	39.95	54.29
1976	66.72	53.33	46.94	

PCSAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF COTTONSEED IN AFRICA EXPORT UNIT VALUE IN US\$/M.T. (CALENDAR  
YEAR) SOURCE: FAO. DEFLATED BY CPIAF

1959	102.44	112.2	108.79	97.97
1963	87.3	73.25	76.3	73.93
1967	74.19	64.61	50.79	49.25
1971	58.25	55.13	64.33	71.23
1975	69.73	41.94	40.6	32.29

PCSAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF COTTONSEED IN OTHER ASIA-OCEANIA WHOLESALE IN RUPEES/M.T.  
BOMBAY INDIA (CALENDAR YEAR) SOURCE: FAO. DEFLATED BY WPIAD

1959	710.241	744.609	627.832	661.861
1963	629.225	607.251	764.17	892.851
1967	785.997	659.64	875.13	835.336
1971	762.931	693.136	844.18	883.296
1975	640.429	726.134	853.459	772.376

PCSBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICES OF COTTONSEED IN BRAZIL IN CRS/M.T. SOURCE: SEE PCSEC.  
DEFLATED BY WPIBZ

1960	192.052	207.619	209.11	186.496
1964	235.204	275.391	228.802	214.821
1968	196.242	196.171	216.265	204.686
1972	180.439	256.024	265.882	218.292
1976	254.346	433.293	209.586	

PCSEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTONSEED IN THE EC, SUDANESE BULK, CIF EUROPE D.M./M.T.  
(CALENDAR YEAR) SOURCE: FOREIGN AGRICULTURAL CIRCULARS (FOP SERIES) AND  
FAO TRADE YEARBOOK. DEFLATED BY WPIEC

1960	546.153	527.69	469.027	476.046
1964	492.785	511.54	498.924	472.623
1968	421.637	391.447	392.84	376.344
1972	333.919	465.542	398.84	357.928
1976	367.887	567.967	275.053	

PCSJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF CATTUNSEED IN JAPAN, SUDANESE, CIF JAPAN YEN/M.T.  
SOURCE: IFS DATA FUND, DEFLATED BY WPIJP

1960	34637.6	37967.	29400.	28576.5
1964	27852.6	29842.6	33795.8	33363.2
1968	31241.	24222.8	26504.9	33598.7
1972	25896.2	33284.4	40062.2	38656.6
1976	29278.2	27073.9	20349.3	

PCSUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1958 TO 1979

PRICE OF CATTUNSEED IN U.S. RECEIVED BY FARMERS IN \$/M.T. (YEAR  
ENDING JULY) SOURCE: FATS AND OILS SITUATION, DEFLATED BY PPIUS

1958	54.37	50.03	45.94	49.64
1962	59.05	54.89	59.33	54.37
1966	49.74	71.85	60.07	52.47
1970	40.77	56.67	52.26	35.27
1974	59.68	83.82	57.02	62.97
1978	40.13	54.61		

PCSUSA1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PCSUS WITH A ONE YEAR LEAD

1960	49.64	59.05	54.69	59.33
1964	54.37	49.74	71.85	60.07
1968	52.47	40.77	56.67	52.26
1972	35.27	59.68	83.82	57.02
1976	62.97	40.13	54.61	

PCTBZL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTON IN BRAZIL RECEIVED BY PRODUCERS LAGGED 1 YEAR  
C\$/M.T. (CALENDAR YEAR) SOURCE: BANCO DE NORDESTE DO BRASIL, DEFLATED BY PPIBZ

1960	326.12	366.71	410.04	324.18
1964	316.21	329.64	349.55	279.09
1968	283.46	322.15	303.87	300.43
1972	332.19	319.33	383.53	436.36
1976	353.37	535.48	377.31	

PCTUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1976

PRICE OF COTTON IN U.S. RECEIVED BY PRODUCERS IN \$/M.T.  
(CROP YEAR ENDING JULY) SOURCE: AGRICULTURAL STATISTICS, DEFLATED BY PPIUS

1960	749.71	703.57	760.75	731.05
1964	754.3	717.26	625.6	474.29
1968	581.08	460.2	436.56	440.93
1972	519.5	389.05	531.78	530.74
1976	603.18	783.78	590.26	

PCTUSL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COTTON IN U.S. RECEIVED BY PRODUCERS LAGGED 1 YEAR IN \$/M.T.  
(CROP YEAR ENDING JULY) SOURCE: AGRICULTURAL STATISTICS, DEFLATED BY PPIUS

1960	759.17	749.71	703.57	760.75
1964	731.05	754.3	717.26	625.6
1968	474.29	581.08	460.2	436.56
1972	440.93	519.5	389.05	531.78
1976	530.74	603.18	783.78	

PFMEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF FISH MEAL IN THE EC D./M.T. ALL ORIGINS 65% PROTEIN  
C AND F HAMBURG (CALENDAR YEAR) SOURCE: IMF, IFS, DEFLATED BY WPIEC

1960	655.52	698.25	810.33	775.83
1964	839.27	1027.07	902.96	706.08
1968	589.83	749.41	735.93	601.42
1972	821.36	1627.9	797.69	538.86
1976	661.76	700.9	583.88	

PFMJJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF FISH MEAL IN JAPAN YEN/M.T. RETAIL, DELIVERY AT STORE  
(JFY) SOURCE: FEED MONTHLY, JAPAN FEEDSTUFFS ASSN. DEFLATED BY WPIJJP

1960	61052.	61052.	5977A.	62156.
1964	61334.	62076.	62638.	64976.
1968	60169.	5A273.	62023.	55743.
1972	66323.	9A721.	98295.	66578.
1976	7208A.	75245.	56312.	

PFMUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF FISH MEAL IN U.S. \$/M.T. WHOLESALE, PERUVIAN EAST COAST  
(CALENDAR YEAR) SOURCE: FATS AND OILS STATISTICS. DEFLATED BY WPIUS

1960	118.73	133.06	148.17	143.18
1964	155.1	192.97	174.93	144.45
1968	139.96	175.61	169.86	161.51
1972	181.22	397.78	239.71	155.42
1976	199.83	237.98	200.73	

PFUOS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF FISH OIL IN U.S. \$/M.T. WHOLESALE, MENHADEN, REFINED,  
LIGHT PRESSED, DKUMS, N.Y. (CALENDAR YEAR) SOURCE: FATS AND OILS STATISTICS  
DEFLATED BY WPIUS

1960	263.06	248.97	281.69	268.28
1964	309.95	324.14	328.91	295.72
1968	270.71	241.71	259.49	253.63
1972	253.29	259.47	356.33	407.79
1976	270.25	242.2	221.97	

PGSUSL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF GRAIN SORGHUM RECEIVED BY FARMERS IN U.S. LAGGED 1 YEAR \$/M.T.  
(YEAR ENDING SEPTEMBER) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY PPIUS

1960	40.76	36.28	34.79	41.68
1964	41.75	40.83	43.29	37.43
1968	39.72	38.55	35.21	37.91
1972	40.84	34.17	34.86	45.56
1976	61.2	49.76	44.33	

PHLPAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PHLPAO = (UHPAO/DHLPAO)\*PHPAO+(ULPAO/DHLPAO)\*PLPAO, DEFLATED BY CPIAO

1960	473.472	477.535	489.764	439.874
1964	435.687	507.449	531.792	545.505
1968	499.351	523.5	549.484	486.049
1972	485.358	627.591	552.548	439.563
1976	476.815	547.526	494.062	

PMPAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN AFRICA US\$/M.T. SOURCE: CALCULATED  
DEFLATED BY CPIAF

1960	87.67	79.73	82.69	89.04
1964	80.26	87.79	77.36	76.14
1968	69.63	65.44	67.5	66.61
1972	62.18	103.89	62.12	52.57
1976	47.66	59.99	43.1	

PHPAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN OTHER ASIA-OCEANIA IN RUPEES/M.T.  
SOURCE: CALCULATED. DEFLATED BY CPIAO

1960	482.42	492.33	496.86	440.38
1964	442.76	512.24	533.41	559.2
1968	510.72	541.78	564.69	488.9
1972	497.12	643.83	559.75	443.06
1976	460.61	595.8A	500.26	

PMPBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN BRAZIL CR\$/M.T. SOURCE: CALCULATED  
DEFLATED BY WPIBZ

1960	236.27	222.33	212.67	180.04
1964	207.25	187.78	154.72	166.98
1968	162.77	150.81	168.52	171.42
1972	178.50	247.64	202.12	172.77
1976	220.98	207.33	177.65	

PMPCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN CANADA C\$/M.T. SOURCE: CALCULATED  
DEFLATED BY WPICN

1960	94.66	108.92	119.64	127.8
1964	123.64	124.37	133.47	116.11
1968	119.75	111.69	113.55	107.86
1972	113.79	201.42	143.05	110.15
1976	129.3	146.36	129.62	

PMPEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN THE EC D./M.T. SOURCE: CALCULATED  
DEFLATED BY WPIEC

1960	448.127	419.63	456.64	467.94
1964	458.32	466.24	467.43	456.74
1968	420.991	398.649	374.92	354.057
1972	429.246	850.025	389.509	329.859
1976	351.48	348.23	300.756	

PMPJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN JAPAN YEN/M.T. SOURCE: CALCULATED  
DEFLATED BY WPIJP

1960	45346.	44525.	41621.	47732.
1964	47756.	50175.	50726.	49399.
1968	49710.	48162.	48830.	45439.
1972	55915.	91141.	59141.	39985.
1976	52133.	48779.	35990.	

PMPUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HIGH PROTEIN MEAL IN U.S. \$/M.T. SOURCE: CALCULATED  
DEFLATED BY WPIUS

1960	64.88	69.36	77.99	81.92
1964	80.89	78.36	78.99	86.96
1968	83.36	76.71	76.1	76.15
1972	83.03	183.56	105.51	82.82
1976	89.84	114.54	87.07	

PMYUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF HAY RECEIVED BY FARMERS IN U.S. \$/M.T. (YEAR ENDING APRIL)  
SOURCE: AGRICULTURAL STATISTICS, FEED SITUATION. DEFLATED BY WPIUS

1960	25.90	25.26	24.1	25.43
1964	24.67	27.48	25.78	27.59
1968	26.53	24.7	24.84	25.46
1972	26.36	26.54	30.13	32.43
1976	31.77	34.73	29.09	

PIFCN - DATE REVISED: 10/31/80  
ANNUAL DATA FROM 1960 TO 1978

INDEX OF PRICES RECEIVED BY FEED MANUFACTURERS IN CANADA FOR THEIR  
OUTPUT SOURCE: PRICES AND PRICE INDEXES, INDUSTRY SELLING PRICES,  
STATISTICS CANADA

1960	123.36	124.52	133.53	133.22
1964	129.03	126.33	123.89	121.04
1968	114.12	108.4	108.	108.04
1972	106.2	147.17	121.93	108.23
1976	105.4	103.04	96.86	

PINEC - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

INDEX OF PURCHASE PRICES OF SUPPLIES AND EQUIPMENT IN FRANCE 1967=100  
(CALENDAR YEAR) SOURCE: EUROSTAT

1960	86.77	89.976	92.322	95.608
1964	97.038	98.	99.208	99.96.
1968	103.32	108.046	114.66	123.
1972	131.231	142.08	162.192	199.052
1976	210.118	226.94	251.33	

PINPJPL1 - DATE REVISED: 11/05/80  
ANNUAL DATA FROM 1960 TO 1978

INDEX OF PRICES PAID BY FARMERS FOR FERTILIZER IN JAPAN LAGGED 1 YEAR  
1967=100 (JFY) SOURCE: FAO

1960	179.96	165.79	154.17	140.38
1964	132.24	127.38	115.94	108.83
1968	100.	97.93	91.54	92.14
1972	94.82	93.26	85.54	102.57
1976	105.08	100.14	102.63	

PINPUS - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1959 TO 1978

INDEX OF PRICES PAID BY FARMERS FOR INPUTS IN U.S. 1967=100  
SOURCE: AGRICULTURAL STATISTICS

1959	90.3793	94.5983	93.	94.3029
1963	94.3035	97.4119	98.4105	95.8454
1967	98.8131	101.499	101.231	100.623
1971	106.934	103.965	93.2773	88.8999
1975	100.965	101.416	112.526	113.372

PIAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF INDUSTRIAL OIL IN ASIA-OCEANIA, LINSEED OIL RAW, WHOLESALE,  
BOMBAY INDIA RUPEES/M.T. (CALENDAR YEAR) SOURCE: FAO. DEFLATED BY CPIAO

1960	2119.31	2576.69	2040.12	2112.88
1964	2568.44	2864.85	4106.55	4040.
1968	2589.72	3213.61	3647.8	3373.18
1972	3043.13	3696.84	4179.1	2580.62
1976	2471.91	3683.26	2627.57	

PIOJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF INDUSTRIAL OIL IN JAPAN, LINSEED, EXPORT UNIT VALUE, YEN/M.T.  
(CALENDAR YEAR) SOURCE: JAPANESE OIL AND FAT IMPORTERS AND EXPORTERS ASSN.  
DEFLATED BY WPIJP

1960	138217.	135241.	142328.	136738.
1964	135403.	127469.	111776.	109646.
1968	123397.	141191.	111397.	92945.
1972	84832.	105923.	229897.	203810.
1976	102964.	97485.	86239.	

PIOUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF INDUSTRIAL OIL IN U.S. \$/M.T. WHOLESALE, TUNG, CASTOR AND  
LINSEED OILS SOURCE: FATS AND OILS SITUATION, FATS AND OILS STATISTICS,  
CALCULATED. DEFLATED BY WPIUS

1960	357.37	358.28	407.87	366.44
1964	336.66	330.97	311.43	322.39
1968	335.8	277.62	276.61	230.04
1972	253.8	373.41	499.7	553.34
1976	394.15	456.95	395.67	

PKMAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL MEAL IN AFRICA EXPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	89.2609	76.5844	72.6783	137.27
1964	69.092	57.0034	73.8647	71.58
1968	62.7181	57.2688	55.1419	54.0016
1972	47.2755	63.1878	61.1338	51.9219
1976	46.0567	45.2026	33.1364	



PKMAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL MEAL IN OTHER ASIA-OCEANIA EXPORT UNIT VALUE  
MALAYSIAN KINGSITS/M.T. (CALENDAR YEAR) SOURCE: FAD TRADE YEARBOOK,  
DEFLATED BY CPIAD

1960	339,584	318,191	341,445	341,03
1964	266,70	281,062	269,061	247,677
1968	217,218	203,864	207,063	170,159
1972	169,921	151,722	129,413	109,587
1976	129,074	123,218	96,7836	

PKMEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL MEAL IN THE EC D.M./M.T. CONGOLESE, CIF NORTH  
GERMAN PORTS (CALENDAR YEAR) SOURCE: TDAM, DEFLATED BY WPIEC

1960	411,974	351,036	431,182	453,494
1964	356,24	433,563	431,031	357,601
1968	376,136	322,074	326,78	265,483
1972	264,397	330,659	240,699	226,023
1976	212,844	201,747	154,469	

PKOAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL OIL IN AFRICA EXPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAD TRADE YEARBOOK, DEFLATED BY CPIAF

1960	417,623	300,068	260,605	267,283
1964	243,514	297,98	257,321	223,14
1968	287,654	227,269	257,362	225,67
1972	180,563	214,359	491,776	226,63
1976	162,651	162,659	151,144	

PKOAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL OIL IN OTHER ASIA-OCEANIA EXPORT UNIT VALUE  
MALAYSIAN KINGSITS/M.T. (CALENDAR YEAR) SOURCE: FAD TRADE YEARBOOK,  
DEFLATED BY CPIAO

1960	1268,37	918,866	1145,79	852,34
1964	978,702	1124,92	693,817	727,75
1968	910,582	793,477	832,184	695,456
1972	491,352	542,735	952,259	475,497
1976	476,479	583,607	607,756	

PKOCC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL OIL IN CANADA IMPORT UNIT VALUE C\$/M.T.  
(CALENDAR YEAR) SOURCE: FAD TRADE YEARBOOK, DEFLATED BY WPICC

1960	355,63	307,415	301,818	346,718
1964	365,818	421,961	351,166	309,884
1968	393,569	309,587	368,51	313,374
1972	205,516	307,196	723,528	321,317
1976	166,154	331,696	383,022	

PKOEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNEL OIL IN THE EC, ANY ORIGIN, CRUDE, EX-TANK ROTTERDAM  
BEGINNING 1970 FOB DUTCH MILLS D.M./M.T. SOURCE: FOREIGN AGRICULTURAL CIRCULARS  
(FOP SERIES), DEFLATED BY WPIEC

1960	1644,45	1257,93	1169,93	1366,74
1964	1443,16	1711,64	1300,07	1207,81
1968	1617,79	1330,93	1373,08	917,56
1972	740,12	1270,48	2238,66	695,914
1976	784,701	959,508	1088,81	

PKOUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1979

PRICE OF PALM KERNEL OIL IN U.S. BULK CIF N.Y. \$/M.T. (CALENDAR YEAR)  
SOURCE: FATS AND OILS SITUATION, DEFLATED BY WPIUS

1960	328,747	261,015	253,749	291,619
1964	309,947	354,025	286,693	289,099
1968	361,149	303,58	345,976	240,947
1972	198,136	333,069	677,175	242,
1976	210,602	383,563	397,61	404,712

PLCAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LAURIC OIL IN AFRICA US\$/M.T. SOURCE: CALCULATED  
DEFLATED BY CPIAF

1960	419.01	314.36	301.45	230.49
1964	264.13	314.57	265.21	230.32
1968	240.35	231.77	265.08	241.61
1972	203.95	246.52	473.92	224.77
1976	163.66	162.68	156.79	

PLCAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LAURIC OIL IN OTHER ASIA-OCEANIA PHILIPPINE PESOS/M.T.  
SOURCE: CALCULATED, DEFLATED BY CPIAO

1960	1099.62	1010.08	1185.16	1271.95
1964	1251.63	1356.97	1084.02	1087.36
1968	1259.08	1066.67	1522.48	1267.98
1972	961.92	2105.79	3445.17	1291.66
1976	1406.94	2106.77	2042.05	

PLCCM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LAURIC OIL IN CANADA C\$/M.T. SOURCE: CALCULATED  
DEFLATED BY WPCN

1960	324.67	260.77	269.62	303.77
1964	342.43	395.46	336.05	312.38
1968	395.53	327.77	344.37	306.15
1972	187.02	304.21	664.81	300.46
1976	210.16	334.98	357.84	

PLCEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LAURIC OIL IN THE EC D./M.T. SOURCE: CALCULATED  
DEFLATED BY WPIEC

1960	1715.66	1316.27	1253.48	1389.98
1964	1437.64	1651.94	1259.64	1356.37
1968	1529.79	1296.1	1327.66	1615.87
1972	740.119	1455.59	2175.63	874.92
1976	765.076	917.483	1005.67	

PLCUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1978

PRICE OF LAURIC OIL IN U.S. \$/M.T. SOURCE: CALCULATED  
DEFLATED BY WPIUS

1957	344.1	319.95	419.29	359.26
1961	275.77	249.6	270.44	299.4
1965	336.6	264.7	271.45	361.15
1969	277.89	324.02	279.24	195.52
1973	294.5	721.6	303.54	222.47
1977	325.4	332.72		

PLDAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LARD IN AFRICA IMPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAF

1960	544.8	544.27	556.96	525.78
1964	497.37	459.8	436.25	418.86
1968	336.34	307.64	361.56	371.26
1972	378.22	406.89	499.66	492.61
1976	309.71	251.92	232.79	

PLDBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LARD IN BRAZIL, RETAIL, SAO PAULO, CR\$/M.T. (CALENDAR YEAR)  
SOURCE: ANUARIO ESTATISTICO AND INFORMACOES ECONOMICAS, DEFLATED BY CPIBZ

1960	1744.77	1328.83	1258.39	1181.1
1964	1458.06	1845.03	1165.05	1193.8
1968	1133.33	1324.32	1118.42	993.17
1972	1113.64	943.35	1811.54	1634.73
1976	1151.11	1533.24	1302.61	

PLQCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LINSEED OIL IN CANADA CANS/M.T., RAW TANK CARS MINNEAPOLIS  
(YEAR ENDING JUNE) SOURCE: FATS AND OILS STATISTICS, DEFLATED BY WPICN

1960	344.23	343.82	422.76	361.03
1964	356.12	382.57	338.94	329.97
1968	337.33	295.91	275.58	211.81
1972	182.34	166.22	461.58	652.8
1976	404.25	377.4	317.06	

PLPAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LOW PROTEIN MEALS IN AFRICA US\$/M.T., SOURCE: CALCULATED  
DEFLATED BY CPIAF

1960	89,2609	76,5844	72,6783	137.27
1964	69,092	57,0034	74,7175	71.58
1968	62,7181	57,2686	55,1742	53,6443
1972	47,0906	64,4734	60,5724	50,675
1976	43,2227	44,0648	32,5234	

PLPAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LOW PROTEIN MEALS IN OTHER ASIA-OCEANIA PHILIPPINE PESOS/M.T.,  
SOURCE: CALCULATED, DEFLATED BY CPIAO

1960	155.71	127.25	327.12	355.92
1964	253.99	260.54	264.	172.92
1968	154.23	131.46	203.2	295.35
1972	274.66	366.09	375.18	342.21
1976	357.35	410.54	372.55	

PLPEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF LOW PROTEIN MEALS IN THE EC D.M./M.T., SOURCE: CALCULATED  
DEFLATED BY WPIEC

1960	432.6	372.32	451.78	486.8
1964	408.01	445.53	468.42	394.8
1968	387.19	346.28	326.98	309.69
1972	303.66	472.8	332.4	339.85
1976	262.1	295.49	288.85	

PLXSOS - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1979

PL480 EXPORTS OF SOYDIL BY THE U.S. IN 1000 M.T. (YEAR ENDING SEPT)  
SOURCE: FATS AND OILS SITUATION

1960	250.	196.7	310.3	295.7
1964	256.3	332.	246.8	366.5
1968	376.9	336.1	352.9	364.2
1972	333.4	175.5	122.5	40.8
1976	116.6	152.	221.3	153.9

PMCOZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF MANIUC IN BRAZIL C\$/M.T., PRICES PAID BY INDUSTRY IN SAO PAULO  
(CALENDAR YEAR) SOURCE: WILLIAMS, ANUARIO ESTATISTICO (CFP), DEFLATED BY WPIBZ

1960	16.76	23.05	44.52	26.85
1964	16.77	14.47	16.81	26.02
1968	19.74	17.23	21.35	36.1
1972	34.01	31.95	29.98	46.54
1976	69.59	56.51	25.66	

PMGCM - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF MARGARINE IN CANADA C\$/M.T. (CALENDAR YEAR)  
SOURCE: CONSUMER PRICES AND PRICES INDEXES, STATISTICS CANADA  
DEFLATED BY WPICM

1960	788.31	813.61	767.73	716.94
1964	744.18	650.25	877.94	646.46
1968	743.34	738.64	765.	769.46
1972	710.7	674.62	899.69	951.06
1976	767.08	797.73	835.26	

PMGEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF MARGARINE IN THE EC D.M./M.T. MANUFACTURERS SELLING PRICE,  
FREE PURCHASES STATION MAMBURG (CALENDAR YEAR) SOURCE: AGRICULTURAL PRICE  
STATISTICS, EUPOSTAT, DEFLATED BY MPIEC

1960	2229.	2185.	2155.	2110.
1964	2136.	2246.	2135.	2130.
1968	2031.	1872.	1860.	2077.
1972	1941.	1770.	1746.	1918.
1976	1492.	1440.	1360.	

PMGJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF MARGARINE IN JAPAN, RETAIL, YEN/M.T. IN TOKYO (JFY)  
SOURCE: AGRICULTURE MINISTRY STATISTICAL YEARBOOK, DEFLATED BY MPIJP

1960	377539.	373522.	374269.	380274.
1964	374269.	373091.	370371.	361705.
1968	395556.	435644.	427184.	419915.
1972	532494.	519697.	563633.	560339.
1976	535967.	479798.	486111.	

PMGUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF MARGARINE IN U.S., COLOPED DELIVERED EASTERN U.S. \$/M.T.  
(YEAR ENDING SEPTEMBER) SOURCE: FATS AND OILS STATISTICS, DEFLATED BY MPIUS

1960	550.39	605.92	612.27	557.57
1964	554.05	595.41	587.27	578.19
1968	554.4	535.97	565.24	597.
1972	587.28	549.46	654.72	709.81
1976	550.24	569.	533.38	

PMOAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM OIL IN AFRICA, EXPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAU, DEFLATED BY CPIAF

1960	252.17	303.96	258.45	239.9
1964	227.21	266.99	212.36	185.96
1968	144.88	127.77	192.34	180.12
1972	145.51	194.1	347.59	202.66
1976	137.77	174.55	173.5	

PMOAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM OIL IN OTHER ASIA-OCEANIA, FOB SINGAPORE MALAYSIA,  
WHOLESALE, RINGGITS/M.T. (CALENDAR YEAR) SOURCE: FAU, DEFLATED BY CPIAO

1960	2941.05	2943.62	2676.26	2569.46
1964	2562.31	2753.22	2147.76	1876.52
1968	1526.15	1492.99	1859.27	1814.18
1972	1173.34	1139.53	1498.66	1248.55
1976	1095.11	1364.29	1040.02	

PMOCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM OIL IN CANADA IMPORT UNIT VALUE C\$/M.T. (CALENDAR YEAR)  
SOURCE: FAU, DEFLATED BY WPCN

1960	268.65	260.27	246.62	249.41
1964	270.59	290.02	255.97	244.15
1968	185.26	155.41	244.85	221.97
1972	168.15	196.91	467.78	301.91
1976	212.91	309.63	328.06	

PMOEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM OIL IN THE EC D.M./M.T. MALAYSIAN \$, BULK, CIF EUROPEAN  
PORTS (CALENDAR YEAR) SOURCE: TDAM, DEFLATED BY MPIEC

1960	1612.74	1516.85	1363.3	1363.97
1964	1381.9	1525.29	1269.06	1187.22
1968	856.347	874.468	965.	870.613
1972	608.813	610.184	909.202	589.514
1976	426.001	427.74	430.73	

PMOJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM OIL IN JAPAN, IMPORT UNIT VALUE, YEN/M.T. (CALENDAR YEAR)  
SOURCE: JAPANESE OIL AND FAT IMPORTERS ASSN. DEFLATED BY WPIJP

1960	83985.	111741.	80057.	83736.
1964	86378.	99463.	90225.	82460.
1968	81657.	57507.	84828.	82189.
1972	88443.	71684.	125453.	86751.
1976	87728.	79270.	69475.	

PMOUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1978

PRICE OF PALM OIL IN U.S. CIF U.S. PORTS \$/M.T. (YEAR ENDING SEPTEMBER)  
SOURCE: FATS AND OILS SITUATION. DEFLATED BY WPIUS

1957	303.75	280.25	286.04	270.05
1961	272.66	274.71	268.28	275.
1965	301.16	284.46	278.06	264.2
1969	238.68	255.46	259.48	215.77
1973	268.59	321.57	314.76	220.34
1977	274.14	284.47		

PNMAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COPRA MEAL IN AFRICA EXPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	84,1304	68,3676	85,397	92,7555
1964	76,7571	79,5959	84,269	64,96
1968	67,2452	59,1885	57,7713	50,1684
1972	46,2253	76,3063	57,1829	39,7332
1976	36,0906	37,0173	30,0942	

PNMAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COPRA MEAL IN OTHER ASIA-OCEANIA EXPORT UNIT VALUE  
PHILIPPINE PESOS/M.T. (CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK  
DEFLATED BY CPIAD

1960	155,710	126,503	326,123	354,833
1964	251,278	257,164	200,755	168,01
1968	149,457	125,52	251,276	287,925
1972	265,287	365,789	375,634	342,211
1976	357,542	411,362	380,591	

PNMEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COPRA MEAL IN THE EC, BAGGED, CIF UK D.M./M.T. (CALENDAR  
YEAR) SOURCE: IFS DATA FUND. DEFLATED BY WPIEC

1960	450,051	397,765	467,389	510,145
1964	438,026	452,322	466.3	410,09
1968	391,982	359,702	327,07	325,627
1972	315,879	517,02	375,301	381,662
1976	303,227	329,608	332,458	

PNMJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COPRA MEAL IN JAPAN, WHOLESALE, YEN/M.T.  
DELIVERY AT RR ARRIVAL POINT (JFY) SOURCE: FEED MONTHLY, JAPAN FEEDSTUFFS ASSN.  
DEFLATED BY WPIJP

1960	28043.	26667.	30372.	27551.
1964	28407.	32767.	30138.	24422.
1968	27760.	20096.	31560.	26118.
1972	28362.	42906.	36963.	23944.
1976	29118.	28212.	27202.	

PNMAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COCONUT OIL IN AFRICA EXPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	420,102	330,090	332,49	269,495
1964	264,74	344,781	270,96	245,89
1968	298,347	238,776	327,871	261,371
1972	233,014	287,193	444,582	220,721
1976	165,376	180,528	166,524	

PNOAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COCONUT OIL IN OTHER ASIA-OCEANIA EXPORT UNIT VALUE  
MALAYSIAN KINGSITS/M.T. (CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK  
DEFLATED BY CPIAO

1960	1098.9	1012.27	1182.43	1273.52
1964	1251.63	1357.58	1067.66	1090.
1968	1260.91	1066.05	1518.42	1260.96
1972	958.467	2112.48	3448.83	1290.01
1976	1406.94	2122.17	2046.23	

PNOCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COCONUT OIL IN CANADA IMPORT UNIT VALUE CNS/M.T. (CALENDAR  
YEAR) SOURCE: FAO TRADE YEARBOOK. DEFLATED BY NPICN

1960	324.867	269.777	266.618	294.4A4
1964	341.256	368.827	332.761	313.05
1968	390.059	333.225	338.52	306.9
1972	183.708	303.383	677.076	290.305
1976	222.164	335.963	349.583	

PNOEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COCONUT OIL IN THE EC PHILIPPINE/INDONESIAN, DUTCH GRADE  
CIF ROTTERDAM D.M./M.T. (CALENDAR YEAR) SOURCE: TDAM. DEFLATED BY NPIC

1960	1763.11	1348.54	1312.22	1591.9
1964	1433.1	1618.23	1237.7	1417.87
1968	1640.71	1278.73	1294.51	1071.67
1972	740.12	1540.79	2118.58	865.172
1976	757.522	899.153	973.37	

PNOJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF COCONUT OIL IN JAPAN, IMPORT UNIT VALUE YEN/M.T. (CALENDAR  
YEAR) SOURCE: JAPANESE OIL AND FAT IMPORTERS AND EXPORTERS ASSN.  
DEFLATED BY NPIJP

1960	111256.	90563.	89427.	101166.
1964	108379.	119023.	99052.	123396.
1968	118537.	97646.	109782.	102717.
1972	54128.	100856.	237645.	68961.
1976	64589.	67559.	75419.	

PNOUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1978

PRICE OF COCONUT OIL IN U.S. \$/M.T. WHOLESALE, CRUDE, PACIFIC COAST  
(CALENDAR YEAR) SOURCE: FATS AND OILS STATISTICS. DEFLATED BY NPIUS

1957	344.101	319.947	423.249	363.168
1961	277.326	249.692	268.266	298.298
1965	337.935	244.466	269.229	381.149
1969	274.273	321.843	264.841	195.132
1973	268.3	731.491	318.59	223.992
1977	317.91	321.104	470.553	

PUGAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OTHER GRAINS IN OTHER ASIA-OCEANIA US\$/M.T. WEIGHTED IMPORT  
UNIT VALUES OF BARLEY, OATS, AND SORGHUM (CALENDAR YEAR) SOURCE: FAO  
DEFLATED BY CPIAO

1960	454.06	384.39	446.98	435.27
1964	457.57	487.9	465.05	515.48
1968	541.66	423.77	394.2	446.09
1972	418.22	570.51	652.82	616.18
1976	563.03	522.08	476.96	

POGCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OTHER GRAINS IN CANADA CNS/M.T. WEIGHTED WHOLESALE PRICES OF  
BARLEY AND OATS (YEAR ENDING JULY) SOURCE: QUARTERLY BULLETIN OF AGRICULTURAL  
STATISTICS, STATISTICS CANADA. DEFLATED BY NPICN

1960	59.65	59.42	72.02	62.72
1964	59.11	62.52	64.09	64.85
1968	61.96	52.16	47.04	54.03
1972	43.36	58.58	80.56	79.12
1976	73.99	57.08	50.43	

POGJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OTHER GRAINS IN JAPAN YEN/M.T. WEIGHTED IMPORT UNIT VALUE OF  
BARLEY, OATS, AND SORGHUM (CALENDAR YEAR) SOURCE: FAO, DEFLATED BY WPIJP

1960	19114.	19941.	19202.	22862.
1964	23178.	23064.	22642.	22924.
1968	20780.	19727.	21857.	20452.
1972	18681.	24304.	35629.	25833.
1976	22016.	15937.	12583.	

POGUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OTHER GRAINS IN U.S. \$/M.T. WEIGHTED WHOLESALE PRICE OF  
BARLEY, OATS, AND SORGHUM SOURCE: CALCULATED. DEFLATED BY WPIUS

1960	58.47	50.13	60.99	59.18
1964	60.71	62.7	60.11	64.32
1968	59.34	55.46	54.22	58.88
1972	51.97	66.97	69.55	89.56
1976	76.27	65.33	52.49	

POLAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN AFRICA USS/M.T.  
SOURCE: CALCULATED. DEFLATED BY CPIAF

1960	458.64	464.96	413.77	396.7
1964	368.3	365.27	337.41	324.34
1968	254.02	269.59	276.88	305.54
1972	271.19	266.9	436.43	386.18
1976	251.33	233.82	209.9	

POLAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN OTHER ASIA-OCEANIA RUPEES/M.T.  
SOURCE: CALCULATED. DEFLATED BY CPIAO

1960	3068.45	3215.49	3053.14	2625.9
1964	2998.96	3302.06	4339.4	3886.9
1968	2978.86	3710.82	4019.14	3327.6
1972	3431.23	4232.78	4358.	4996.9
1976	3682.46	3996.46	3542.72	

POLBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN BRAZIL CR\$/M.T.  
SOURCE: CALCULATED. DEFLATED BY CPIBZ

1960	1711.05	1487.15	1025.5	989.09
1964	1443.94	1458.27	1225.18	1056.32
1968	1091.25	1674.82	992.13	975.98
1972	824.88	743.57	970.55	1034.24
1976	816.36	827.53	766.7	

POLCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN CANADA C\$/M.T.  
SOURCE: CALCULATED. DEFLATED BY WPICN

1960	228.64	323.4	311.14	267.08
1964	256.01	326.08	324.61	282.46
1968	241.53	228.5	284.32	303.06
1972	264.45	254.85	441.07	509.34
1976	267.72	332.61	328.45	

POLEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN THE EC D.M./M.T.  
SOURCE: CALCULATED. DEFLATED BY WPIEC

1960	1506.71	1649.10	1330.53	1269.27
1964	1367.61	1444.6	1336.59	1172.91
1968	1008.26	1686.5	1170.44	1207.07
1972	985.24	1381.34	1893.	1381.25
1976	929.28	991.4	998.79	

POLJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN JAPAN YEN/H.T.  
SOURCE: CALCULATED, DEFLATED BY WPIJP

1960	149541.	132399.	122926.	121213.
1964	85504.	104234.	112620.	111600.
1968	92218.	102104.	105086.	100089.
1972	90965.	97266.	177640.	141884.
1976	86903.	90698.	76896.	

POLMAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

POLMAF = (UOLAF/DOLMAF)\*POLAF+(OMDAF/DOLMAF)\*PMOAF, DEFLATED BY CPIAF

1960	365,816	384,026	340,26	326,648
1964	303,637	316,174	263,562	270,757
1968	206,014	210,823	243,527	255,875
1972	224,294	239,941	403,302	334,783
1976	211,637	212,896	197,606	

PULUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1978

PRICE OF OLEIC-LINOLEIC/LINOLENIC OIL IN U.S. \$/H.T.  
SOURCE: CALCULATED, DEFLATED BY WPIUS

1957	307.23	271.44	234.92	206.16
1961	266.77	242.95	216.58	207.11
1965	261.75	268.47	236.54	201.18
1969	188.27	229.09	256.47	216.77
1973	274.77	456.62	398.08	232.72
1977	279.01	265.96		

POPAP - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF AFRICA IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: U.S. BUREAU OF CENSUS

1960	277,011	264,293	291,554	296,826
1964	306,097	313,369	321,972	330,575
1968	339,178	347,781	356,364	366,581
1972	376,778	386,974	397,171	407,368
1976	419,063	430,757	442,777	

POPAD - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF OTHER ASIA-OCEANIA IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: U.S. BUREAU OF CENSUS AND IMF, IFS

1960	1469,76	1491,95	1491,74	1476,29
1964	1369,76	1293,66	1214,51	1121,15
1968	1113,42	1110,25	1078,42	1051,24
1972	1006,77	884,72	703,32	654,21
1976	674,26	638,71	618,26	

PUPBZ - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF BRAZIL IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: IMF, IFS

1960	69.72	71.94	74.17	76.53
1964	78.73	81.01	82.93	85.24
1968	87.62	90.07	92.52	95.17
1972	97.85	100.56	103.35	106.23
1976	109.18	112.24	115.4	

PUPCN - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF CANADA IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: IMF, IFS

1960	17.91	18.27	18.61	18.96
1964	19.33	19.68	20.05	20.41
1968	20.73	21.03	21.32	21.59
1972	21.83	22.07	22.4	22.73
1976	23.02	23.28	23.5	



PUPEC - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF THE EC IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: IMF, IFS

1960	231.44	233.67	236.17	239.09
1964	241.14	243.28	245.13	246.56
1968	247.85	249.59	251.46	253.3
1972	254.96	256.54	257.71	258.39
1976	258.74	259.18	259.67	

POPJP - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF JAPAN IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: IMF, IFS

1960	94.1	94.95	95.83	96.81
1964	97.83	98.88	99.79	100.83
1968	101.96	103.17	104.34	105.69
1972	107.15	108.7	110.16	111.57
1976	112.77	113.86	114.9	

POPUS - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1960 TO 1978

POPULATION OF U.S. IN MILLIONS OF INHABITANTS (CALENDAR YEAR)  
SOURCE: IMF, IFS

1960	180.58	183.69	186.54	189.24
1964	191.89	194.3	196.56	198.71
1968	200.71	202.66	204.88	207.05
1972	208.85	210.41	211.9	213.56
1976	215.14	216.82	218.06	

PPCUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUTS FOR CRUSHING IN U.S. PAID TO CCC, FARMERS STOCK BASIS  
\$/M.T. (YEAR ENDING JULY) SOURCE: FATS AND OILS STATISTICS, ASCS  
DEFLATED BY PPIUS

1960	125.5	118.86	115.54	114.58
1964	152.12	173.14	161.88	159.19
1968	145.81	137.14	152.8	176.53
1972	160.1	163.88	189.58	234.44
1976	185.78	154.68	175.59	

PPFBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF Poultry MIXED FEED IN BRAZIL CRS/M.T. SAO PAULO (CALENDAR YEAR)  
SOURCE: PREÇOS PAGOS PELOS AGRICULTORES, DEFLATED BY WPIBZ

1960	57.8	102.88	143.84	151.75
1964	133.33	152.23	158.42	195.12
1968	171.97	181.82	183.86	191.88
1972	191.22	222.83	208.42	205.93
1976	192.49	177.6	165.7	

PPIBZ - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1959 TO 1978

FARM PRODUCT PRICE INDEX 17 IN BRAZIL 1965=67=100 SOURCE: CONJUNTURA  
ECONOMICA

1959	0.0513	0.0709	0.0956	0.153
1963	0.253	0.505	0.719	1.02
1967	1.27	1.49	1.81	2.33
1971	2.92	3.57	4.25	5.5
1975	6.82	10.85	16.22	23.1

PPICN - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1959 TO 1979

FARM PRICE INDEX IN CANADA 1970=100 SOURCE: INDEX NUMBERS OF FARM  
PRICES OF AGRICULTURAL PRODUCTS, STATISTICS CANADA

1959	0.821	0.828	0.862	0.899
1963	0.887	0.873	0.929	1.009
1967	1.	0.983	1.007	1.
1971	1.01	1.146	1.653	1.975
1975	1.997	1.919	1.876	2.198
1979	2.513			

PPIEC - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1959 TO 1978

FARM PRODUCER PRICE INDEX IN FRANCE 1970=100 SOURCE: YEARBOOK OF  
AGRICULTURAL STATISTICS, EUROSTAT, AND AGHAPRIESE

1959	0.69	0.69	0.69	0.69
1963	0.74	0.81	0.8	0.83
1967	0.85	0.84	0.89	0.94
1971	1.	1.044	1.188	1.326
1975	1.391	1.516	1.739	1.877

PPIJP - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1958 TO 1978

FARM PRODUCER PRICE INDEX IN JAPAN 1967=100 PRICE INDICES OF COMMODITIES  
IN RURAL AREAS ALL AGRICULTURAL PRODUCTS SOURCE: MONTHLY STATISTICS OF  
AGRICULTURE FORESTRY AND FISHERIES

1958	0.534	0.544	0.573	0.624
1962	0.686	0.732	0.767	0.853
1966	0.917	1.	1.015	1.088
1970	1.119	1.138	1.201	1.48
1974	1.793	2.026	2.218	2.202
1978	2.297			

PPIUS - DATE REVISED: 11/06/80  
ANNUAL DATA FROM 1959 TO 1979

FARM PRODUCER PRICE INDEX IN U.S. 1967=100 SOURCE: BUSINESS STATISTICS  
AND SURVEY OF CURRENT BUSINESS

1959	0.905	0.931	0.946	0.954
1963	0.902	0.942	0.955	1.035
1967	1.011	1.013	1.061	1.111
1971	1.099	1.198	1.547	1.849
1975	1.782	1.875	1.803	1.931
1979	2.301			

PPKAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1950 TO 1978

PRICE PALM KERNELS IN AFRICA EXPORT UNIT VALUE S/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAF

1950	355.3	360.44	252.07	280.75
1954	239.06	230.17	225.31	209.92
1958	214.	228.2	233.93	173.14
1962	161.17	176.08	162.52	188.81
1966	159.38	130.1	151.13	122.69
1970	127.94	116.07	91.22	131.01
1974	209.74	90.	67.94	97.99
1978	86.1			

PPKAU - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1950 TO 1978

PRICE OF PALM KERNELS IN OTHER ASIA-OCEANIA EXPORT UNIT VALUE  
MALAYSIAN RINGGITS/M.T. (CALENDAR YEAR) SOURCE: FAO, DEFLATED BY RPIAD

1950	210.4	154.48	194.96	316.22
1954	270.81	156.	187.38	198.93
1958	237.76	247.8	203.81	207.33
1962	204.51	261.7	292.99	322.64
1966	314.38	338.84	417.47	277.34
1970	398.34	413.17	279.75	239.88
1974	538.8	317.7	234.74	329.14
1978	302.59			

PPKEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PALM KERNELS IN THE EC, NIGERIAN, CIF UK, D.M./M.T.  
(CALENDAR YEAR) SOURCE: IMF, IFS, DEFLATED BY PPIEC

1960	816.	728.589	718.879	791.415
1964	757.99	681.023	745.65	771.233
1968	830.579	663.33	626.86	519.367
1972	399.77	776.611	995.521	653.996
1976	416.674	504.902	518.368	

PPHAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT MEAL IN AFRICA EXPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAF

1960	87.7691	80.3704	83.4724	90.3493
1964	82.7712	92.9517	78.2391	76.87
1968	76.4096	69.2496	77.3372	71.7562
1972	67.1004	115.466	94.0561	57.2035
1976	49.8084	64.7497	46.7974	

PPMAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT MEAL IN OTHER ASIA-OCEANIA WHOLESALE (RAJKOT, GUJARAT)  
RUPEES/M.T. (CALENDAR YEAR) SOURCE: AGRICULTURAL PRICES IN INDIA  
DEFLATED BY CPIAO

1960	478,964	526,227	519,611	439,942
1964	406,258	463,03	558,602	577,1
1966	510,164	567,108	692,543	523,911
1972	547,444	868,792	615,458	464,161
1976	519,063	697,511	572,945	

PPMBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT MEAL IN BRAZIL CRS/M.T. WHOLESALE SAO PAULO  
(CALENDAR YEAR) SOURCE: ANUARIO STATISTICOS (CFP) DEFLATED BY MPIBZ

1960	621,387	504,115	397,26	276,264
1964	249,462	230,447	198,02	178,862
1966	184,713	171,123	179,372	166,052
1972	184,953	372,292	204,211	153,213
1976	194,636	203,673	173,077	

PPMEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT MEAL IN THE EC ALL ORIGINS 50% PROTEIN CTF EUROPEAN  
PORTS D.M./M.T. (CALENDAR YEAR) SOURCE: IMF, IFS. DEFLATED BY MPIEC

1960	474,687	421,046	458,485	470,67
1964	467,65	501,701	455,74	453,531
1966	412,472	417,542	361,62	351,253
1972	419,972	798,932	373,11	307,423
1976	318,955	331,166	292,151	

PPHUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1979

PRICE OF PEANUT MEAL IN U.S. 50% PROTEIN S.E. MILLS \$/M.T. (YEAR ENDING  
JULY) SOURCE: FATS AND OILS STATISTICS, FATS AND OILS SITUATION  
DEFLATED BY MPIUS

1957	57,3089	62,8813	66,7405	64,5934
1961	64,4926	72,1647	78,0317	74,5772
1965	74,6611	85,3226	93,5435	85,8743
1969	85,8404	77,7737	78,6637	77,217
1973	86,4923	123,121	80,5896	87,3992
1977	122,346	88,4311	90,2327	

PPNAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF PEANUTS IN AFRICA EXPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO. DEFLATED BY CPIAF

1959	179,72	200,09	178,31	168,34
1963	162,84	154,53	158,14	148,41
1967	127,7	107,24	119,72	123,35
1971	131,61	140,81	156,6	200,85
1975	170,04	120,12	137,17	131,1

PPNAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF PEANUTS IN OTHER ASIA-OCEANIA GUJARAT, INDIA FARM PRICE  
RUPEES/M.T. (CALENDAR YEAR) SOURCE: AGRICULTURAL PRICES IN INDIA  
DEFLATED BY MPIAD

1959	822,606	931,349	1023,13	988,774
1963	901,54	916,25	937,49	1182,71
1967	1247,71	958,03	1056,74	1275,48
1971	1254,91	1095,44	1161,1	1262,51
1975	919,942	839,696	1121,11	987,359

PPNBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF PEANUTS IN BRAZIL PRICE PAID TO PRODUCERS IN SAO PAULO CRS/MT  
(CALENDAR YEAR) SOURCE: ANUARIO STATISTICO (CFP) DEFLATED BY PPIBZ

1959	170,76	245,98	217,15	168,89
1963	166,8	295,76	248,96	207,75
1967	176,36	221,48	217,68	195,71
1971	210,62	182,07	296,47	249,09
1975	268,33	201,84	270,65	270,56

PPNEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUTS IN THE EC, ANY ORIGIN, UNSHELLED (CONVERTED FROM  
SHELLED BASIS) CIF EUROPE D.M./M.T. (CALENDAR YEAR) SOURCE: FOREIGN AGRICULTURAL  
CIRCULARS (FOP SERIES) DEFLATED BY WPIEC

1960	839,165	783,546	675,874	663,023
1964	705,241	763,009	687,219	646,908
1968	577,461	675,255	642,58	690,852
1972	671,279	887,538	971,374	760,869
1976	568,143	637,221	666,962	

PPNUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1958 TO 1979

PRICE OF PEANUTS IN U.S. RECEIVED BY FARMERS S/M.T. (YEAR ENDING JULY)  
SOURCE: FATS AND OILS SITUATION. DEFLATED BY PPIUS

1958	237.6	242.16	227.32	233.04
1962	251.89	252.09	262.12	256.55
1966	242.83	246.41	248.1	247.27
1970	244.08	250.77	250.28	206.64
1974	193.16	221.45	230.46	244.55
1978	239.76	202.16		

PPNUS1 - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

PPNUS WITH A ONE YEAR LEAD

1960	253.04	251.89	252.09	262.12
1964	256.55	242.83	246.41	248.1
1968	247.27	244.08	256.77	250.28
1972	206.64	193.16	221.45	230.46
1976	244.55	239.76	202.16	

PPOAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT OIL IN AFRICA EXPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	511,145	484,164	453,869	416,326
1964	398,408	372,739	342,369	331,25
1968	242,433	271,414	263,723	310,722
1972	278.5	274,685	535,996	373,315
1976	288,724	262,097	229,384	

PPOAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT OIL IN OTHER ASIA-OCEANIA RARE, WHOLESALE (BOMBAY INDIA)  
RUPEES/M.T. (CALENDAR YEAR) SOURCE: FAO. DEFLATED BY CPIAD

1960	2919.94	3190.18	2814.37	2590.45
1964	2965.66	3284.85	4672.58	3860.
1968	2929.19	4017.01	4339.62	3543.98
1972	3474.44	4499.31	4434.96	3394.76
1976	2618.47	3755.66	3175.51	

PPOBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT OIL IN BRAZIL WHOLESALE CRS/M.T. (CALENDAR YEAR)  
SOURCE: ANUARIO STATISTICO (IBGE) DEFLATED BY CPIBZ

1960	1755.52	1504.70	1086.58	1096.42
1964	1933.33	1725.15	1398.06	1176.29
1968	1200.	1210.81	1109.65	1139.93
1972	991.477	913.793	1190.38	1260.48
1976	853.955	1129.42	1020.21	

PPOEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF PEANUT OIL IN THE EC WHOLESALE WEST AFRICA CIF UK D.M./M.T.  
(CALENDAR YEAR) SOURCE: IMF, IFS. DEFLATED BY WPIEC

1960	1843.81	1762.63	1447.08	1389.32
1964	1565.82	1593.24	1421.05	1350.65
1968	1240.75	1441.93	1416.25	1579.27
1972	1466.19	1640.72	2309.06	1682.95
1976	1342.56	1319.79	1538.01	

PPUUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1979

PRICE OF PEANUT OIL IN U.S. CRUDE S.E. MILLS 3/4 M.T. (YEAR ENDING JULY)  
SOURCE: FATS AND OILS SITUATION. DEFLATED BY WPIUS

1957	303,049	380,667	323,240	330,581
1961	347,579	405,069	314,942	261,015
1965	331,043	293,357	264,685	272,868
1969	276,363	294,717	333,619	320,842
1973	318,623	550,433	542,873	411,463
1977	369,739	341,579	417,299	

PRCJPL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RICE IN JAPAN LAGGED 1 YEAR, YEN/M.T. GOVERNMENT PURCHASE  
PRICE (JPY) SOURCE: AGRICULTURE AND FORESTRY MINISTRY YEARBOOK  
DEFLATED BY PPIJP

1960	127757.	121291.	111185.	107410.
1964	110792.	114472.	116940.	118630.
1968	119000.	124030.	126471.	122967.
1972	121148.	114262.	100833.	95752.
1976	112002.	114997.	125431.	

PRIEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

IMPORT PRICE OF RAPESEED IN THE EC CANADIAN CIF EUROPEAN PORTS  
FRENCH FRANCS/M.T. (CALENDAR YEAR) SOURCE: FOREIGN AGRICULTURE CIRCULARS,  
FOP SERIES. DEFLATED BY WPIEC

1960	799.73	777.84	639.78	651.87
1964	668.07	692.99	716.18	672.99
1968	584.04	614.03	785.1	748.78
1972	612.56	944.38	1118.37	803.02
1976	662.4	811.53	675.21	

PRMAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED MEAL IN AFRICA EXPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	76.0435	50.4527	75.2759	70.1294
1964	77.6179	79.9551	69.9767	63.68
1968	52.865	44.7993	50.9766	45.2767
1972	47.1461	91.5592	77.0485	56.2707
1976	56.2858	40.2513	35.7106	

PRMAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED MEAL IN OTHER ASIA-OCEANIA WHOLE (UTTAR PRADESH, INDIA)  
RUPEES/M.T. (CALENDAR YEAR) SOURCE: AGRICULTURAL PRICES IN INDIA  
DEFLATED BY CPIAD

1960	417.268	428.081	442.365	453.979
1964	561.408	569.697	515.538	552.1
1968	559.263	531.286	463.432	455.508
1972	492.412	518.381	548.614	490.217
1976	490.278	487.964	461.258	

PRMCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED MEAL IN CANADA CNS/M.T. WHOLESALE PAID BY  
MANUFACTURERS TO PROCESSORS (YEAR ENDING JULY) SOURCE: GRAINS AND OILSEEDS  
REVIEW, STATISTICS CANADA. DEFLATED BY WPICN

1960	70.0358	62.6905	68.7412	76.1324
1964	76.5207	76.496	70.6858	61.5293
1968	68.8323	74.6619	71.58	59.7058
1972	116.053	104.489	76.1249	64.7032
1976	69.8178	74.5019	72.2681	

PRMEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED MEAL IN THE EC D.M./M.T. 34% PROTEIN FOB EX-MILL  
HAMBURG, PRIOR TO 1969 EXPORT UNIT VALUE (CALENDAR YEAR) SOURCE: TDAM  
DEFLATED BY WPIEC

1960	368.217	281.535	308.497	348.646
1964	350.235	346.483	316.46	334.706
1968	306.664	281.109	230.82	252.976
1972	311.812	534.382	307.	262.167
1976	279.849	261.667	240.136	

PRMJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED MEAL IN JAPAN YEN/M.T. WHOLESALE DELIVERY AT RR  
ARRIVAL POINT (JFY) SOURCE: FEED MONTHLY, JAPAN FEEDSTUFFS ASSN.  
DEFLATED BY WPIJP

1960	30938.7	30950.	31747.4	42210.7
1964	35929.5	37091.5	35944.8	28755.8
1968	27627.	31418.8	34647.6	28786.7
1972	31597.2	40077.3	32704.3	26666.7
1976	35502.7	31530.1	22866.7	

PKUAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED OIL IN AFRICA IMPORT UNIT VALUE US\$/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	465.58	520.219	369.179	301.837
1964	312.217	296.375	236.926	282.99
1968	225.152	227.976	263.23	258.693
1972	161.446	273.	429.854	335.03
1976	183.149	222.441	187.822	

PROAD - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED OIL IN OTHER ASIA-OCEANIA, WHOLESALE (KANPUR,  
UTTAR PRADESH, INDIA) RUPEES/M.T. (CALENDAR YEAR) SOURCE: AGRICULTURAL  
PRICES IN INDIA. DEFLATED BY CPIAO

1960	3186.03	3258.96	3570.66	3164.54
1964	4116.69	4146.06	4175.25	4671.4
1968	3636.37	3829.3	4566.04	3486.25
1972	4127.48	4548.28	5021.75	5970.9
1976	5769.17	4931.65	4626.32	

PROCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED OIL IN CANADA C\$/M.T. WHOLESALE (YEAR ENDING JULY)  
SOURCE: GRAINS AND OILSEEDS REVIEW, STATISTICS CANADA. DEFLATED BY WPCN

1960	254.172	313.119	291.847	273.263
1964	283.422	299.715	291.283	283.557
1968	265.573	239.436	264.16	273.853
1972	243.459	240.326	362.533	505.22
1976	329.957	321.621	313.855	

PKDEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED OIL IN THE EC D./M.T. ANY ORIGIN EX-TANK ROTTERDAM  
(CALENDAR YEAR) SOURCE: FOREIGN AGRICULTURE CIRCULARS FOR SERIES  
DEFLATED BY WPIC

1960	1237.57	1492.45	1164.66	1112.49
1964	1267.17	1293.6	1170.54	983.442
1968	737.802	869.894	980.24	1057.34
1972	798.638	1180.39	1597.52	1209.92
1976	752.064	911.535	845.108	

PRUJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED OIL IN JAPAN EXPORT UNIT VALUE YEN/M.T.  
(CALENDAR YEAR) SOURCE: JAPAN OIL AND FAT IMPORTERS AND EXPORTERS ASSN.  
DEFLATED BY WPIJP

1960	182415.	143019.	119419.	188916.
1964	107341.	107372.	102548.	99254.3
1968	85748.	80055.4	97675.7	97023.3
1972	89163.1	71656.6	146540.	139333.
1976	86186.2	104475.	83338.7	

PKSIF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED IN AFRICA IMPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK. DEFLATED BY CPIAF

1960	217.145	207.627	269.031	242.419
1964	197.842	169.989	182.348	152.76
1968	109.523	110.113	123.369	124.427
1972	198.394	133.015	178.276	161.833
1976	105.326	86.7245	70.4305	

PKSAO - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF RAPESEED IN OTHER ASIA-OCEANIA RUPEES/M.T. FARM PRICE IN UTTAR  
PRADESH, INDIA (CALENDAR YEAR) SOURCE: AGRICULTURE PRICES IN INDIA  
DEFLATED BY WPIAO

1959	1172.08	1080.6	1148.05	1169.07
1963	1140.45	1261.	1298.06	1381.45
1967	1663.	1249.59	1322.13	1358.93
1971	1415.33	1399.42	1309.86	1727.15
1975	1055.89	1136.11	1767.56	1516.18

PRSCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1979

PRICE OF RAPESEED IN CANADA CANS/M.T. FARM PRICE (YEAR ENDING JULY)  
SOURCE: HANDBOOK OF AGRICULTURE STATISTICS, STATISTICS CANADA  
DEFLATED BY PPICN

1959	67.49	106.56	83.33	86.2
1963	101.56	127.12	130.24	105.1
1967	108.97	86.27	80.06	100.98
1971	101.68	83.24	84.3	127.6
1975	155.86	117.41	136.73	130.39
1979	109.67			

PKSCNA1 - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

PRSCN WITH A ONE YEAR LEAD

1960	83.33	86.2	101.56	127.12
1964	130.24	105.1	108.97	86.27
1968	80.06	100.98	101.68	83.24
1972	64.3	127.6	155.86	117.41
1976	136.73	130.79	109.67	

PKSEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF RAPESEED IN THE EC FRENCH FRANCS/M.T. FRENCH PRODUCER PRICE  
UNTIL 1969 AFTER WHICH EC BASIC INTERVENTION PRICE (CALENDAR YEAR)  
SOURCE: FAO AND YEARBOOK OF AGRICULTURE STATISTICS, EUROSTAT. DEFLATED BY PPIEC

1959	991.74	1090.3	1114.49	1120.72
1963	1058.78	955.8	919.25	879.88
1967	984.12	1040.24	1012.36	1161.06
1971	1091.4	1077.3	959.29	690.87
1975	945.54	994.72	907.3	932.01

PKSJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF RAPESEED IN JAPAN IMPORT UNIT VALUE YEN/M.T. (CALENDAR YEAR)  
SOURCE: FAO. DEFLATED BY WPIJP

1960	50222.	46489.	41262.	42919.
1964	46334.	49467.	44868.	45430.
1968	37642.	37608.	43434.	45089.
1972	36139.	45904.	76996.	66979.
1976	46938.	46104.	34621.	

PSBBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF SOYBEANS IN BRAZIL CRS/M.T. PRICE RECEIVED BY FARMERS  
(CALENDAR YEAR) SOURCE: MONEPZINAT OF AGRICULTURE IN SAO PAULO, INSTITUTO  
DE ECONOMIA AGRICOLA, ANUARIO ESTATISTICO (CEFP). DEFLATED BY PPIBZ

1959	170.57	197.74	186.51	187.39
1963	180.51	180.53	185.44	205.56
1967	169.03	165.91	188.31	181.62
1971	188.24	169.98	263.21	213.7
1975	195.34	169.54	172.63	154.66

PSBCN - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1979

PRICE OF SOYBEANS IN CANADA CANS/M.T. RECEIVED BY PRODUCERS (CROP YEAR  
ENDING IN GIVEN YEAR) SOURCE: HANDBOOK OF AGRICULTURAL STATISTICS,  
STATISTICS CANADA. DEFLATED BY PPICN

1959	84.21	82.96	86.54	91.96
1963	102.73	117.85	113.51	96.32
1967	110.23	100.17	89.03	89.29
1971	101.14	94.9	86.69	106.42
1975	116.65	95.36	135.93	112.11
1979	95.95			

PSBCNA1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PSBCN WITH A ONE YEAR LEAD

1960	86.54	91.96	102.73	117.85
1964	113.51	98.32	110.23	100.17
1968	89.03	89.29	101.14	94.9
1972	86.69	106.42	116.65	95.36
1976	135.93	112.11	95.94	

PSBEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SOYBEANS IN THE EC, US NO. 2 BULK, CIF ROTTERDAM  
DM/M.T. (CALENDAR YEAR) SOURCE: IMF, IFS. DEFLATED BY WPIEC

1960	519,698	591,648	526,995	569,177
1964	553,125	575,482	604,462	534,686
1968	485,802	447,969	437,74	451,607
1972	481,941	874,015	593,96	483,086
1976	418,63	431,779	361,939	

PSBJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

PRICE OF SOYBEANS IN JAPAN IMPORT UNIT VALUE YEN/M.T.  
(CALENDAR YEAR) SOURCE: FAD TRADE YEARBOOK. DEFLATED BY PPIJP

1959	63819.8	59823.7	63900.6	53652.8
1963	53483.6	53887.9	51578.	49245.4
1967	45133.	40163.5	35494.3	36279.7
1971	40796.1	35276.1	38755.4	44134.4
1975	41369.4	31657.8	37424.2	24596.9

PSBUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1958 TO 1979

PRICE OF SOYBEANS IN U.S. RECEIVED BY FARMERS \$/M.T. (YEAR ENDING  
AUGUST) SOURCE: FATS AND OILS SITUATION. DEFLATED BY PPIUS

1958	78.82	76.16	77.36	82.73
1962	87.82	89.38	97.91	100.81
1966	90.17	99.95	90.32	84.16
1970	77.72	95.29	92.93	103.79
1974	112.87	136.91	96.42	138.78
1978	111.89	106.35		

PSBUS1 - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

PSBUS WITH A ONE YEAR LEAD

1960	82.73	87.82	89.38	97.91
1964	100.81	90.17	99.95	90.32
1968	84.16	77.72	95.29	92.93
1972	103.79	112.87	136.91	96.42
1976	138.78	111.89	106.35	

PSBxBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1959 TO 1978

EXPORT PRICE OF SOYBEANS IN BRAZIL CRS/M.T. SOURCE: UNTIL 1970 ESTIMATED  
FROM U.S. WHOLESALE PRICE OF SOYBEANS, STARTING 1970 FOB EXPORT PRICE FROM  
AGRICULTURE ATTACHE. DEFLATED BY WPIBZ

1959	165.2	142.92	195.27	201.64
1963	187.86	222.39	200.25	243.6
1967	211.52	197.94	194.1	192.58
1971	222.25	229.42	460.55	306.94
1975	275.17	271.05	324.16	289.4

PSFBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SWINE MIXED FEED IN BRAZIL CRS/M.T. MINAS GERAIS (CALENDAR  
YEAR) SOURCE: PREÇOS PAGOS PELOS AGRICULTORES. DEFLATED BY WPIBZ

1960	807.05	720.16	547.95	426.02
1964	301.06	285.36	168.12	203.25
1968	191.08	206.56	219.73	236.16
1972	260.19	301.63	330.53	301.48
1976	251.17	264.64	239.78	



PSMCH - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SHORTENING IN CANADA C/S/M.T. (CALENDAR YEAR) SOURCE: CONSUMER  
PRICES AND PRICE INDEXES, ESTADISTICO (CFP), STATISTICS CANADA  
DEFLATED BY WPICN

1960	869.76	929.1	905.19	885.95
1964	911.82	970.64	957.44	961.28
1968	919.77	876.42	842.87	907.78
1972	893.04	851.66	1051.47	1050.96
1976	898.16	873.41	875.03	

PSMUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF ALL VEGETABLE SHORTENING HYDROGENATED, AVERAGE WHOLESALE PRICE  
S/M.T. BULK (YEAR ENDING SEPTEMBER) SOURCE: FATS AND OILS STATISTICS  
DEFLATED BY WPIUS

1960	421.37	496.72	479.57	473.59
1964	489.4	537.94	488.93	459.02
1968	454.78	448.04	452.59	487.75
1972	471.95	517.24	773.94	660.37
1976	440.7	442.65	431.23	

PSMBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYMEAL IN BRAZIL C/S/M.T. WHOLESALE SAO PAULO (CALENDAR YEAR)  
SOURCE: INSTITUTO ECONOMIA AGRICOLA AND ANUARIO ESTADISTICO (IBGE)  
DEFLATED BY WPIBZ

1960	187.861	205.761	219.178	198.404
1964	165.591	178.771	166.139	227.642
1968	210.191	213.904	215.247	206.642
1972	235.11	250.	216.842	184.514
1976	235.915	225.376	182.692	

PSMCH - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYMEAL IN CANADA C/S/M.T. WHOLESALE (YEAR ENDING JULY)  
SOURCE: GRAINS AND OILSEEDS REVIEW, STATISTICS CANADA. DEFLATED BY WPICN

1960	94.851	110.083	121.224	129.803
1964	125.541	126.871	134.529	123.661
1968	124.662	110.773	119.05	113.892
1972	113.421	273.001	156.458	117.269
1976	137.189	157.034	138.211	

PSMEC - DATE REVISED: 2/16/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SOYMEAL IN THE EC D.M./M.T. US, 44% CIF ROTTERDAM  
(CALENDAR YEAR) SOURCE: IMP, IFS, DEFLATED BY WPIEC

1960	440.777	431.748	469.027	470.87
1964	447.532	462.345	460.529	467.647
1968	444.554	413.202	365.36	365.588
1972	447.516	907.053	394.552	334.604
1976	354.828	354.399	304.977	

PSMJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SOYMEAL IN JAPAN, YEN/M.T. WHOLESALE DELIVERY AT RR ARRIVAL  
POINT (JFY) SOURCE: FEED MONTHLY, JAPAN FEEDSTUFFS ASSN. DEFLATED BY WPIJP

1960	47282.8	46581.9	43396.8	44684.5
1964	49515.8	51822.7	52861.5	51922.7
1968	52453.	50719.8	50667.	47446.2
1972	58867.9	96812.9	62681.7	41886.2
1976	54145.1	51030.1	37676.6	

PSMUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1979

PRICE OF SUYMEAL IN U.S. S/M.T. WHOLESALE, BULK, 44% PROTEIN, DECATUR  
(YEAR ENDING SEPTEMBER) SOURCE: FATS AND OILS SITUATION. DEFLATED BY WPIUS

1957	56.2971	62.3517	66.884	64.6568
1961	70.6131	74.0338	83.164	82.7273
1965	80.6482	79.4556	86.9469	83.2711
1969	77.5080	76.8504	76.5752	84.6212
1973	194.177	105.992	83.3815	89.9448
1977	115.068	88.4653	92.029	

PSMXBZ - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

EXPORT PRICE OF SOYMEAL IN BRAZIL CR3/M.T. (CALENDAR YEAR) SOURCE:  
UNTIL 1970 ESTIMATED FROM PS4US, STARTING 1970 FOB EXPORT PRICE FROM AGRICULTURE  
ATTACHE, DEFLATED BY WPIBZ

1960	111.99	142.7	166.56	159.38
1964	179.53	204.93	201.08	180.24
1968	181.43	176.29	171.12	174.56
1972	201.66	444.87	213.29	198.98
1976	227.26	253.43	206.14	

PSOAF - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYOIL IN AFRICA IMPORT UNIT VALUE US\$/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAF

1960	415.319	419.355	337.914	304.799
1964	302.17	349.225	343.138	282.67
1968	212.902	184.86	245.609	268.677
1972	234.84	262.675	420.465	375.331
1976	207.312	202.196	212.979	

PSO4D - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYOIL IN OTHER ASIA-OCEANIA IMPORT UNIT VALUE RUPEES/M.T.  
(CALENDAR YEAR) SOURCE: FAO TRADE YEARBOOK, DEFLATED BY CPIAD

1960	2242.86	2340.61	2240.28	1995.77
1964	1723.57	2337.19	2770.68	2481.53
1968	1808.95	1745.7	1740.43	2063.45
1972	2107.16	2078.07	3091.76	3360.55
1976	2401.17	2707.63	2489.92	

PSO8Z - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYOIL IN BRAZIL CR4/M.T. WHOLESALE (CALENDAR YEAR)  
SOURCE: ANUARIO ESTATISTICO (1966) DEFLATED BY CPIBZ

1960	2385.86	1954.64	1308.72	1086.61
1964	1277.42	1290.94	1097.09	966.992
1968	1040.	1016.22	956.14	924.914
1972	758.522	711.622	959.615	1011.98
1976	810.344	803.394	754.559	

PSOCH - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYOIL IN CANADA CR5/M.T. WHOLESALE (YEAR ENDING JULY)  
SOURCE: GRAINS AND OILSEEDS REVIEW, STATISTICS CANADA, DEFLATED BY WPICN

1960	228.081	324.393	284.788	265.784
1964	251.705	331.069	336.305	281.909
1968	229.119	221.137	284.4	322.696
1972	267.387	260.532	495.685	512.252
1976	261.267	341.424	345.35	

PSOEC - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYOIL IN THE EC D.4/M.T. ALL ORIGINS FOB EX-MILL, DUTCH  
PORTS (CALENDAR YEAR) SOURCE: IMF, IFS, DEFLATED BY WPIEC

1960	1262.99	1529.23	1198.92	1156.02
1964	1182.69	1326.55	1254.98	1033.56
1968	816.692	862.5	1090.23	1096.77
1972	793.818	1309.52	1784.5	1236.93
1976	794.365	888.629	864.63	

PSOJP - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF SUYOIL IN JAPAN IMPORT UNIT VALUE YEN/M.T. (CALENDAR YEAR)  
SOURCE: FAO TRADE YEARBOOK, DEFLATED BY WPIJP

1960	127478.	120281.	122566.	100646.
1964	73368.4	105918.	114738.	114237.
1968	91764.	113438.	107032.	100106.
1972	91104.6	111327.	195636.	142141.
1976	85220.2	81689.7	73766.2	

PSOUS - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1957 TO 1979

PRICE OF SUYOIL IN U.S. \$/M.T. CRUDE FOB DECATUR (YEAR ENDING SEPTEMBER)  
SOURCE: FATS AND OILS SITUATION. DEFLATED BY MPIUS

1957	301.38A	252.225	220.928	193.221
1961	263.34	221.162	207.63	196.087
1965	259.771	262.248	222.893	181.916
1969	175.869	225.292	249.726	212.017
1973	279.815	456.281	391.225	222.777
1977	275.292	265.073	265.292	

PSOXBZ - DATE REVISED: 1/24/81  
ANNUAL DATA FROM 1960 TO 1978

PSOXBZ = PSUXBZ/CP1BZ

1960	248.306	429.374	300.403	261.102
1964	324.749	520.512	433.272	300.876
1968	242.653	288.692	418.54A	406.218
1972	266.028	595.002	1083.84	704.862
1976	417.494	562.819	506.094	

PMTBZLI - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF WHEAT RECEIVED BY PRODUCERS IN BRAZIL LAGGED 1 YEAR CR\$/M.T.  
SAO PAULO (CALENDAR YEAR) SOURCE: PRECOS RECIBIDOS PELOS AGRICULTORES  
DEFLATED BY PPIBZ

1960	243.67	231.31	231.17	264.05
1964	251.78	275.25	265.65	249.02
1968	237.8	244.97	215.47	210.3
1972	171.23	159.66	176.47	205.45
1976	225.81	176.96	167.69	

PNTACL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

NATIONAL AVERAGE PRODUCER PRICE OF SOFT WHEAT IN FRANCE, LAGGED 1 YEAR  
FRENCH FRANCS/M.T. (YEAR ENDING JULY) SOURCE: TDAM, DEFLATED BY PPJEC

1960	490.	573.	560.	593.
1964	530.	476.	469.	501.
1968	511.	527.	483.	499.
1972	490.	477.	469.	459.
1976	490.	506.	465.	

PMTJPL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

GOVERNMENT PURCHASE PRICE OF WHEAT IN JAPAN LAGGED 1 YEAR, YEN/M.T.  
(YEAR ENDING JUNE) SOURCE: AGRICULTURE AND FORESTRY MINISTRY STATISTICS  
YEN/DOU, DEFLATED BY PPIJP

1960	69608.	65590.	60470.	58407.
1964	97490.	56366.	52969.	51508.
1968	90383.	51806.	50414.	50462.
1972	52021.	52567.	44268.	41513.
1976	46767.	47340.	51052.	

PMTUSL1 - DATE REVISED: 2/17/81  
ANNUAL DATA FROM 1960 TO 1978

PRICE OF WHEAT RECEIVED BY PRODUCERS IN U.S. LAGGED 1 YEAR \$/M.T.  
(YEAR ENDING JUNE) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY PPIUS

1960	66.63	69.46	67.58	70.48
1964	77.92	72.16	57.71	47.92
1968	59.24	50.41	42.94	41.34
1972	44.47	41.1	41.8	78.5
1976	84.33	69.76	55.64	

UPNUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING YEAR IN WHICH U.S. EXPORTS OF PEANUTS FOR  
FOOD PURPOSES INCREASED SHARPLY IN 1978.  
1=YEARS OF INCREASED EXPORTS OF PEANUTS FOR FOOD USES 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	1.	

QUOTA OF SOYOIL EXPORTS FROM BRAZIL IN 1000 M.T. (YEAR ENDING MARCH)  
SOURCE: FOREIGN AGRICULTURE CIRCULARS AND WILLIAMS

1960	0.	0.	-3.	-1.
1964	-2.	-10.	-11.	-11.
1968	-15.	-10.	-4.	-2.
1972	61.	82.	16.	327.
1976	430.	557.	542.	

RAUUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

ROUGHAGE CONSUMING ANIMAL UNITS IN 1000 UNITS (YEAR ENDING SEPTEMBER)  
SOURCE: LIVESTOCK - FEED RELATIONSHIPS

1960	84096.	88540.	85990.	87974.
1964	89764.	89815.	88692.	88202.
1968	86122.	87532.	87964.	89661.
1972	91057.	93198.	99199.	103765.
1976	99041.	95313.	89876.	

RCMRN - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

$$RCMRN = 0.454 * CCSUS - TCMUS / 0.8103 * DMPUS - DEL(1; ICMUS) - RCMUS + 0.445 * CC8AF - TCMAF$$

$$+ DMPAF / 0.8103 + 0.475 * CC8AO - TCMAO + DMLPAU$$

$$/ 0.8103 - TCMPC / 0.8103 + DMPC + 0.425 * CCSEC - TCMJP / 0.8103 + DMPJP + 0.454 * CCSJP$$

1960	-296,363	-346,499	-468,2	-338,491
1964	-157,057	-109,908	-162,441	-130,209
1968	-47,2263	-223,563	-166,453	-68,0226
1972	-33,7103	-105,103	24,5736	-10,3458
1976	-66,2129	-101,479	-258,118	

RCMUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL COTTONSEED MEAL UTILIZATION IN U.S. IN 1000 M.T.  
SOURCE: CALCULATED

1960	-49.	-68.	7.	-77.
1964	-107.	-72.	-83.	-74.
1968	-36.	-4.	47.	-33.
1972	3.	-8.	-2.	30.
1976	22.	17.	-48.	

RCOMN - DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

$$RCOMN = 0.16 * CCSUS - TCOUS + DOLUS - DEL(1; ICOUS) - RCOUS - TCOEC + DOLEC + 0.2 * CC8EC - TCOJP$$

$$+ DOLJP + 0.16 * CC8JP - TCOAD + DOLAD + 0.15 * CC8AO - TCOAF + DOLMAF + 0.16 * CC8AF$$

1960	122,916	41,2363	72,0668	-6,07751
1964	89,8073	70,4296	7,47607	-34,2891
1968	-39,8237	1,91162	77,5293	83,0442
1972	3,58667	131,805	101,03	-10,3833
1976	31,065	32,2024	165,827	

RCOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL COTTONSEED OIL UTILIZATION IN U.S. IN 1000 M.T. SOURCE:  
CALCULATED

1960	-47.	-33.	-93.	-41.
1964	-89.	-69.	9.	-28.
1968	-20.	-19.	-18.	-15.
1972	-17.	15.	-3.	-3.
1976	-2.	-46.	-131.	

RCPRN - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

$$RCPRN = SCPAF - CCPAF + SCPAD - CCPAD - CCPUS - CCPEC - CCPJP$$

1960	146,062	-4.	219,125	302,656
1964	402,094	237,437	207,812	207,312
1968	247,562	118,437	136,75	286,25
1972	404.	316.	116.	199.
1976	66.	160.	36.	

RCSHM - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

$$RCSHM = SC3SUS-CCSUS-DEL(1; ICSUS)-RCSUS+SCSAF-CCSAF/0.8+SCSAO-CCSAO/0.7-CCSEC/0.9 +SC8EC-CC8JP/0.95$$

1960	-14,8555	-74,466	-126,263	-593,769
1964	-143,553	-103,968	-102,491	-87,9431
1968	-60,2971	45,3561	58,658	69,3827
1972	66,4223	32,3638	50,9662	7,4883
1976	-120,883	-115,809	-90,6158	

RCSUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL COTTONSEED UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	443.	434.	363.	822.
1964	331.	286.	269.	172.
1968	238.	158.	179.	146.
1972	235.	208.	184.	183.
1976	506.	467.	556.	

REGEC - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1958 TO 1978

DUMMY VARIABLE INDICATING INSTITUTION OF C.A.P. REGULATIONS FOR OILSEEDS IN THE EC IN 1968-78. 1=YEARS IN WHICH REGULATIONS APPLIED 0=ALL OTHER YEARS

1958	0.	0.	0.	0.
1962	0.	0.	0.	0.
1966	0.	0.	1.	1.
1970	1.	1.	1.	1.
1974	1.	1.	1.	1.
1978	1.			

RKMRM - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

$$RKMRM = 0.53*CPKAF-TKMAF*DLPAF/0.3557+0.53*CPKAO-TKMAO*DHLPAD/0.3557-TKMEC/0.3557-DLPEC+0.49*CPKEC$$

1960	-48,303	-43,0823	-70,5508	-63,0098
1964	-61,5473	-76,6663	-95,9548	-53,4828
1968	-27,3673	-42,0804	-46,9568	-27,8635
1972	-44,6919	-40,6206	0,513443	-7,72903
1976	-62,1192	-23,1621	-69,6457	

RKORW - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

$$RKORW = 0.45*CPKAF-TKQAF*DLCAF+0.45*CPKAO-TKQAO*DLCAO-TKQEC*DLCEC+0.49*CPKEC-TKQUS*DLCUS-RKQUS$$

1960	22,2041	24,5173	3,91664	2,13167
1964	10,0511	3,43431	-2,99162	7,3577
1968	0,964695	-0,217711	-8,97502	-4,98129
1972	9,65823	5,58704	31,6774	-20,9566
1976	3,72476	-12,7857	24,0955	

RKOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL PALM KERNEL OIL UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	4.	1.	-2.	3.
1964	3.	-1.	3.	-1.
1968	3.	-3.	-3.	5.
1972	-1.	-2.	3.	-2.
1976	3.	8.	-20.	

RMDRM - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

$$RMDRM = 1.35*SPKAF-TMQAF*DNLMFAF+4.6*SPKAO-TMQAO*DMOEC-DMOJP-DMOUS-DEL(1; IMOUS)-RMOUS$$

1960	61,4004	37,6003	74,8503	46,7002
1964	56,3005	73,8004	82,6504	-18,2496
1968	128,95	57,9004	75,1504	106.8
1972	110.3	74,5503	277.15	319.9
1976	247.4	92,5002	112.45	

RMOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL PALM OIL UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	10.	-2.	-5.	-20.
1964	-6.	-8.	-6.	0.
1968	-10.	0.	4.	4.
1972	15.	18.	12.	12.
1976	17.	27.	22.	

RMMH - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

$$RMMH = 0.37*CCPAF - TNMAF + DLPAF / 0.441 + 0.37*CCPAD - TNMAD + DHLPAD / 0.441 - TNHEC / 0.441 + DLPEC + 0.35*CCPEC - DLJP / 0.441 + 0.35*CCPJP$$

1960	-3,50462	10,1245	-17,948	-18,9683
1964	61,0673	9,33308	-47,0529	0,881332
1968	21,2282	-53,7625	29,4726	10,3685
1972	-17,2099	-112,430	21,418	55,4724
1976	66,426	121,922	88,0333	

RNDH - DATE REVISED: 1/13/81  
ANNUAL DATA FROM 1960 TO 1978

$$RNDH = 0.62*CCPAD - THOAO + DLCAD - TNDEC + DLCEC + 0.64*CCPEC - DLCJP + 0.64*CCPJP - TNOAF + DLCAF + 0.62*CCAF$$

$$-TNOUS + DLCUS = DEL(1 : INDUS) - RNOUS + 0.64*CCPIUS$$

1960	52,3260	89,6127	154,243	72,1084
1964	119,416	105,890	132,212	46,7425
1968	183,263	94,1894	135,055	142,211
1972	136,612	-3,04736	142,902	347,298
1976	241,055	114,166	229,254	

RNOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL COPRA OIL UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	0.	0.	1.	0.
1964	-1.	-5.	0.	0.
1968	0.	1.	1.	0.
1972	0.	0.	0.	-1.
1976	0.	-0.	13.	

RPIAD - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1950 TO 1978

MALAYSIAN RUBBER PRICE INDEX, 1967=100 FOB PRICE SINGAPORE  
SOURCE: IMF, IFS

1950	2,001	3,135	1,776	1,247
1954	1,244	2,11	1,789	1,641
1958	1,484	1,837	2,008	1,533
1962	1,447	1,339	1,259	1,297
1966	1,211	1.	0,962	1,291
1970	1,043	0,652	0,768	1,365
1974	1,505	1,146	1,669	1,7
1978	1,927			

RPKH - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

$$RPKH = SPKAF - CPKAF + SPKAO - CPKAO / 0.95 - CPKEC$$

1960	79,9473	81,4736	59,3157	70,1577
1964	71.	66,7493	65,4209	54,5261
1968	90,3084	74,6441	99,6525	77,1577
1972	52,5261	43,4209	55,0527	64,9075
1976	80,3687	15,6948	24,2632	

RPMM - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

$$RPMM = 0.419*CPMUS - TPMUS / 1.124 + DMPUS - DEL(1 : IPMUS) - RPMUS + 0.4*CPNAF - TPMAF + DMPAF / 1.124 + 0.4125*CPNAD - TPMAD + DHLPAU / 1.124 - TPHEC / 1.124 + DMPEC + 0.395*CPNEC$$

1960	5,21167	-19,5056	75,7109	271,069
1964	501,034	304,448	275,15	295,011
1968	520,339	308,043	392,473	291,104
1972	404,271	342,86	561,67	443,431
1976	480,182	176,250	57,4864	

RPNUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL PEANUT MEAL UTILIZATION IN U.S. IN 1000 M.T.  
SOURCE: CALCULATED

1960	-1.	-1.	-1.	-2.
1964	1.	3.	4.	6.
1968	1.	-1.	0.	-2.
1972	3.	-1.	1.	0.
1976	2.	-1.	1.	

RPNM - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

RPNM = SPNUS-CPNUS-DEL(1 ; IPNUS)-RPNUS+SPNAF-CPNAF/0.75+SPNAO-CPNAO/0.62-CPNEC/0.8+SPNEC

1960	309,551	504,192	386,371	429,067
1964	533,11	497,692	637,871	556,723
1968	552,93	488,043	276,645	331,891
1972	448,422	346,330	264,383	382,461
1976	473,938	271,551	350,926	

RPNUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL PEANUTS UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	568.	603.	613.	620.
1964	660.	674.	723.	747.
1968	752.	809.	825.	812.
1972	772.	848.	869.	792.
1976	937.	1048.	1016.	

RPOW - DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

RPOW = 0.317\*CPNUS-TPOUS\*DOLUS-DEL(1 ; IPOUS)-RPOUS+0.335\*CPNAF-TPDAF+DOLMAF-TPDEC+DULEC+0.31\*CPNEC-TPDAO+DOLAU+0.33\*CPNAU

1960	-52,4641	10,7596	18,6492	40,2760
1964	-0,956252	-34,1396	-58,5459	-80,0129
1968	-7,64209	-39,7693	-36,0947	-116,016
1972	-56,3403	-107,729	-83,865	6,3894
1976	-27,3899	-36,1296	-85,2698	

RPOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL PEANUT OIL UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	4.	5.	6.	4.
1964	4.	3.	3.	7.
1968	4.	0.	2.	-1.
1972	-2.	0.	0.	0.
1976	-0.	-0.	4.	

RRMCN - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL RAPESEED MEAL UTILIZATION IN CANADA IN 1000 M.T.  
SOURCE: CALCULATED

1960	-1,1904	-2,4696	-1,8221	-2,9048
1964	-2,4696	-0,8251	-6,471	-7,6884
1968	-2,3957	-16,4315	-13,6794	-11,9973
1972	-32,314	-27,7862	-29,5579	-22,7508
1976	-16,2078	3,4961	1,1352	

RRMJP - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL RAPESEED MEAL UTILIZATION IN JAPAN IN 1000 M.T.  
SOURCE: CALCULATED

1960	36.	24.	38.	27.
1964	21.	6.	8.	-13.
1968	-26.	-45.	-53.	19.
1972	26.	19.	21.	-6.
1976	-14.	-1.	-20.	

RRRHW = DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

RRMHW = 0.05\*CRSAU-TRMAD+DHLPAD/0.6917+0.57\*CRSCN-TRMCH/0.6917+DMPCN-RRMCH-TRMEC/0.6917  
+DMPEC+0.62\*CRSEC-TRMJP/0.6917+DMPJP+0.57\*CRSJP-RRMJP

1960	-63.2244	-60.4335	-58.436	-39.641
1964	-50.1949	-20.5098	-45.5353	-26.5062
1968	-38.8632	-36.7065	-42.1706	-50.3228
1972	-54.5122	-26.781	29.6885	-59.8652
1976	-58.1982	-45.0769	6.34326	

RRRCN = DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL RAPESEED OIL UTILIZATION IN CANADA IN 1000 M.T.  
SOURCE: CALCULATED

1960	0.0005	1.8	-3.2262	-1.1988
1964	0.4023	4.3991	1.0054	-0.1955
1968	-1.1964	0.7996	-0.603	2.0062
1972	6.196	7.1976	9.5908	-1.5948
1976	-0.1948	-4.0128	-5.9852	

RRRJP = DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL RAPESEED OIL UTILIZATION IN JAPAN IN 1000 M.T.  
SOURCE: CALCULATED

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	13.	-40.	-37.	-7.
1972	24.	19.	5.	16.
1976	-6.	-6.	3.	

RRRHW = DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

RRRHW = 0.4\*CRSCN-TRDCN+DOLCN-RRRCN+0.35\*CRSEC-TRUEC+DOLEC-TRRJP+DOLJP+0.4\*CRSJP-RRRJP-TRDAD  
+DOLA0+0.36\*CRSA0-TRDAF \*DOLMAF+SRUAF

1960	-28.5235	-6.34642	-7.43179	-3.55391
1964	7.55923	15.9203	3.56134	-20.1539
1968	-29.0658	-47.1519	-38.7656	-22.9637
1972	7.22038	75.452	-1.79112	-57.2254
1976	-69.7462	-10.2809	-124.113	

RRRCN = DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL RAPESEED UTILIZATION IN CANADA IN 1000 M.T. SOURCE: CALCULATED

1960	14.	38.	30.	4.
1964	25.	24.	74.	100.
1968	79.	58.	114.	214.
1972	168.	230.	172.	185.
1976	70.	119.	203.	

RRSJP = DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL RAPESEED UTILIZATION IN JAPAN IN 1000 M.T. SOURCE: CALCULATED

1960	31.	-6.	18.	148.
1964	72.	2.	51.	21.
1968	10.	17.	41.	-91.
1972	57.	14.	10.	10.
1976	100.	13.	13.	

RRSRW = DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

RRSRW = SRSCN-CKSCN-DEL(1 ; TRSCN)-RRRCN-CRSEC/0.9+SRSEC-CRSJP+SRJJP-RRSJP-CRSD/0.9+SRSD

1960	-47.7776	106.222	67.2224	3.77783
1964	3.77783	-35.1106	-102.444	-154.444
1968	-217.	-154.	-277.667	-230.
1972	-463.555	-276.555	150.556	-303.889
1976	-258.444	-199.555	-163.555	



RSBBZ - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEANS UTILIZATION IN BRAZIL IN 1000 M.T. SOURCE: CALCULATED

1960	21.	27.	35.	32.
1964	31.	52.	60.	72.
1968	65.	106.	121.	166.
1972	296.	631.	971.	652.
1976	787.	1060.	794.	

RSBCN - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEANS UTILIZATION IN CANADA IN 1000 M.T. SOURCE: CALCULATED

1960	72.	-56.	4.	21.
1964	6.	32.	41.	54.
1968	0.	12.	10.	22.
1972	29.	62.	53.	12.
1976	-10.	-71.	-2.	

RSBJP - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEANS UTILIZATION IN JAPAN IN 1000 M.T. SOURCE: CALCULATED

1960	113.	116.	129.	154.
1964	161.	185.	217.	217.
1968	242.	518.	649.	642.
1972	679.	727.	649.	667.
1976	711.	720.	963.	

RSBRM - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

RSBRM = RSBUS-CSBUS-DEL(1 ; TSHUS)-RSBUS+RSBBZ-CSBBZ-RSBBZ-CSBEC/0.94-CSBCN+RSBCN-DEL(1 ; TBCN)  
-RSBCN-CSBJP - RSBJP

1960	-234,038	319,149	-40,8723	456,362
1964	-75,9785	393,767	632,956	1189,65
1968	957,532	1245,91	2254,73	2043,6
1972	2338,23	3923,62	5020,94	3173,34
1976	5524,09	4941,66	4412,81	

RSBUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEANS UTILIZATION IN U.S. IN 1000 M.T. SOURCE: CALCULATED

1960	952.	1061.	1707.	1311.
1964	1465.	1466.	1404.	1403.
1968	1556.	1465.	1639.	1747.
1972	1785.	2227.	2063.	2095.
1976	1919.	2049.	2081.	

RSBCN - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEAN MEAL UTILIZATION IN CANADA IN 1000 M.T. SOURCE: CALCULATED

1960	4,9778	-2,527	-4,3234	1,4612
1964	-1,1268	6,9261	-2,4386	-6,9473
1968	7,2703	3,6349	2,4398	-5,3139
1972	4,3141	5,1544	-3,0273	-9,549
1976	3,371	21,8533	-22,8584	

RSBRM - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

RSBRM = 0,795\*CSBUS-TSMUS-DHPUS-DEL(1 ; ISMUS)-RSMUS+0,75\*CSBBZ-TSMBZ-DHPBZ-TSMC\*DHPEC+0,795  
\*CSBEC-TSMJP+DHPJP+ 0,745\*CSBJP-TSMCN+DHPCN+0,795\*CSBCN-RSMCN

1960	233,875	188,603	196,717	484,904
1964	374,306	526,229	576,75	606,416
1968	791,193	707,887	1465,13	1770,92
1972	1650,33	2770,18	4454,28	4047,68
1976	4445,59	4890,77	5907,46	

RSMUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEAN MEAL UTILIZATION IN U.S. IN 1000 M.T. SOURCE:  
CALCULATED

1960	220.	213.	-44.	130.
1964	-173.	147.	-27.	-84.
1968	134.	-68.	14.	140.
1972	202.	506.	-45.	68.
1976	-56.	374.	-185.	

RS06Z - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEAN OIL UTILIZATION IN BRAZIL IN 1000 M.T.  
SOURCE: CALCULATED

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	150.	0.
1976	-50.	0.	41.	

RS0CN - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEAN OIL UTILIZATION IN CANADA IN 1000 M.T. SOURCE:  
CALCULATED

1960	-1.0655	2.297	-1.1548	0.1928
1964	1.2283	0.5289	1.2926	-2.1655
1968	-0.5430	0.2344	2.479	0.3954
1972	0.069	-0.2706	1.4272	-2.3362
1976	4.2118	-1.6722	-2.0028	

RS0RN - DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

RS0RN = 0.179\*CSHUS-TS0US\*DDLUS-DEL(1,1,IS0US)-RS0SUS+0.185\*CSBRZ-TS0BZ\*DL0LRZ-RS0BZ+0.177  
\*CSBEC-TS0EC\*DDLEC-TS0GP\*DL0JP+0.179\*CSBJP-TS0AD\*DL0LAD-TS0AF\*DL0MAF-TS0CN\*DL0CN+0.179\*CS0CN-RS0CN

1960	316.3	286.763	427.97	281.378
1964	242.947	330.786	196.235	274.506
1968	166.963	70.3078	155.414	236.255
1972	386.183	355.977	260.051	499.395
1976	350.727	340.643	299.177	

RS0US - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

RESIDUAL SOYBEAN OIL UTILIZATION IN U.S. IN 1000 M.T. SOURCE:  
CALCULATED

1960	-49.	-26.	-70.	-7.
1964	-59.	7.	-1.	-16.
1968	84.	3.	20.	-28.
1972	-50.	122.	-67.	97.
1976	-127.	-16.	-124.	

SCMAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SCMAF = 0.445\*CCSAF

1960	555.605	550.91	424.085	541.12
1964	589.18	574.94	633.235	634.125
1968	598.06	652.37	776.97	721.79
1972	764.51	743.15	821.915	746.71
1976	718.675	778.305	736.03	

SCMAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SCMAO = 0.475\*CCSAO

1960	1048.32	1251.15	1224.07	1402.68
1964	1509.07	1409.32	1343.65	1439.25
1968	1579.85	1597.9	1599.32	1515.25
1972	1929.45	1866.27	1644.9	1988.35
1976	1753.7	1577.95	1869.07	

SCMEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SCMEC = 0.425\*CCSEC

1960	58,225	53,975	64,575	63.3
1964	48,445	48,025	22,95	12,75
1968	9,775	12,325	3,825	2,125
1972	0,85	1,275	2,125	0,85
1976	0,425	0,425	0,425	

SCMJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1959 TO 1978

SCMJP = 0.454\*CCSJP

1959	53,118	30,418	43,13	64,468
1963	72,64	88,984	93,524	114,662
1967	93,07	106,236	105,328	128,028
1971	107,144	77,634	68,554	53,118
1975	49,94	40,66	40,66	39,498

SCMUS = DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1958 TO 1978

SUPPLY OF COTTONSEED MEAL IN U.S. IN 1000 M.T. (YEAR ENDING JULY)  
SOURCE: CALCULATED AS .454(CCSUS)

1958	1749.	1628.	2262.	2204.
1962	2281.	2402.	2425.	2441.
1966	2362.	1561.	1280.	1797.
1970	1617.	1535.	1631.	2010.
1974	1974.	1741.	1216.	1441.
1978	1776.			

SCMUS1 = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

SCMUS WITH A ONE YEAR LEAD

1960	2204.	2261.	2402.	2425.
1964	2441.	2362.	1561.	1280.
1968	1797.	1617.	1535.	1631.
1972	2010.	1974.	1741.	1216.
1976	1441.	1776.	1687.	

SCDAF = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SCDAF = 0.18\*CCSAF

1960	224.82	222.84	171.54	216.68
1964	238.32	232.56	256.14	256.5
1968	241.92	265.88	314.28	291.96
1972	309.24	300.6	332.46	302.04
1976	290.7	314.82	297.72	

SCDAU = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SCDAU = 0.15\*CCSAU

1960	331.05	395.1	386.55	442.95
1964	476.55	445.05	440.1	454.5
1968	498.9	504.6	505.05	476.5
1972	609.3	589.35	582.6	627.9
1976	553.8	498.3	596.55	

SCOEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SCOEC = 0.2\*CCSEC

1960	27.4	25.4	39.8	39.2
1964	22.6	22.6	10.8	6.
1968	4.6	5.8	1.8	1.
1972	0.4	0.6	1.	0.4
1976	0.2	0.2	0.2	

SCOJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1959 TO 1978

SCOJP = 0.16\*CCSJP

1959	18.72	10.72	15.2	22.72
1963	25.6	31.36	32.96	40.48
1967	32.8	37.44	37.12	45.12
1971	37.76	27.36	24.16	18.72
1975	17.6	14.4	14.4	13.92

SCDUS - DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

SCDUS = 0.16\*CCSUS

1960	796.96	776.8	604.	846.72
1964	854.56	860.16	837.32	550.24
1968	451.04	633.28	569.76	541.12
1972	574.88	708.32	695.52	613.44
1976	428.48	507.64	626.08	

SCPAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1957 TO 1978

SUPPLY OF COPRA IN AFRICA IN 1000 M.T. (CALENDAR YEAR) SOURCE:  
FAS INTERNAL DATA

1957	110.	110.	100.	95.
1961	111.	102.	113.	121.
1965	89.	92.	108.	106.
1969	122.	121.	111.	126.
1973	138.	129.	103.	150.
1977	153.	153.		

SCPAD - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1957 TO 1978

SUPPLY OF COPRA IN OTHER ASIA-OCEANIA IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: FAS INTERNAL DATA

1957	3140.	2590.	2400.	2865.
1961	2926.	2875.	3273.	3098.
1965	2842.	3273.	3010.	3133.
1969	2945.	3209.	3718.	4237.
1973	3613.	3247.	4340.	4973.
1977	4428.	4575.		

SCSAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF COTTONSEED IN AFRICA IN 1000 M.T. (PRODUCTION IN LAST PART OF  
PRECEEDING YEAR) SOURCE: FAS INTERNAL DATA

1959	1553.	1720.	1760.	1444.
1963	1772.	1801.	1798.	1959.
1967	1951.	1826.	2092.	2498.
1971	2320.	2362.	2751.	2439.
1975	2206.	1949.	2141.	2018.

SCSAD - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF COTTONSEED IN OTHER ASIA-OCEANIA IN 1000 M.T. (PRODUCTION IN  
EARLY PART OF YEAR AND LAST PART OF PRECEEDING YEAR) SOURCE: FAS INTERNAL DATA

1959	3143.	3183.	3761.	3713.
1963	4251.	4567.	4279.	4222.
1967	4338.	4603.	4860.	4836.
1971	4450.	5833.	5632.	5548.
1975	5990.	5263.	4746.	5675.

SCSEC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

SUPPLY OF COTTONSEED IN THE EC IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: FAS INTERNAL DATA

1960	12.	11.	6.	11.
1964	10.	9.	5.	5.
1968	4.	4.	3.	3.
1972	2.	3.	5.	1.
1976	1.	1.	1.	

SCSUS - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF COTTONSEED IN U.S. IN 1000 M.T. (YEAR ENDING JULY)  
SOURCE: FAS AND OILS SITUATION

1959	4353.	5435.	5340.	5423.
1963	5569.	4617.	5656.	5522.
1967	3593.	2912.	4209.	3690.
1971	3696.	3847.	4892.	4550.
1975	4091.	2919.	3739.	5009.

SKMAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SKMAF = 0.53\*CPKAF

1960	80.03	86.39	73.67	91.16
1964	87.98	115.01	120.31	195.57
1968	154.23	184.97	193.98	181.79
1972	199.28	208.29	207.76	215.71
1976	165.89	237.44	287.79	

SKMAD - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SKMAD = 0.53\*CPKAD

1960	0.53	5.3	6.89	8.48
1964	10.07	12.19	15.9	14.84
1968	16.43	23.32	39.75	56.83
1972	85.33	106.53	130.38	151.58
1976	167.46	202.46	228.96	

SKMEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SKMEC = 0.49\*CPKEC

1960	320.95	303.8	293.02	287.14
1964	293.02	274.69	256.27	146.51
1968	164.64	166.56	168.07	196.49
1972	157.76	112.7	147.98	120.05
1976	146.47	122.5	68.6	

SKDAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SKDAF = 0.45\*CPKAF

1960	67.95	73.35	62.55	77.4
1964	74.7	97.65	102.15	166.05
1968	130.95	157.05	164.7	154.35
1972	169.2	176.85	176.4	183.15
1976	140.85	201.6	244.35	

SKOAD - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SKOAD = 0.45\*CPKAU

1960	0.45	4.5	5.65	7.2
1964	8.55	10.35	13.5	12.6
1968	13.95	19.8	33.75	49.95
1972	72.45	90.45	110.7	128.7
1976	142.2	171.9	194.4	

SKOEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SKOEC = 0.49\*CPKEC

1960	320.95	303.8	293.02	287.14
1964	293.02	274.69	256.27	146.51
1968	164.64	166.56	168.07	196.49
1972	157.76	112.7	147.98	120.05
1976	146.47	122.5	68.6	

SKDAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1957 TO 1978

SKDAF = 1.35\*SPKAF

1957	1066.5	1174.5	1134.	1120.5
1961	1101.6	1011.15	1055.7	1066.5
1965	1107.	1062.45	897.75	673.45
1969	936.9	1098.45	1020.6	958.5
1973	873.45	973.35	915.3	899.1
1977	923.4	940.95		

SMDAD - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1957 TO 1978

SMDAD = 4.0\*SPKAD

1957	248.4	246.4	243.8	262.2
1961	271.4	280.6	289.8	299.
1965	317.4	368.	400.2	473.8
1969	552.	644.	637.2	966.
1973	1062.6	1320.2	1564.	1669.8
1977	1987.2	2139.		

SNMAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SNMAF = 0.37\*CCPAF

1960	7.03	4.61	6.29	10.36
1964	13.32	10.36	11.84	14.06
1968	11.1	17.76	18.13	18.13
1972	27.38	27.75	25.53	22.2
1976	34.04	37.37	46.69	

SNMAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SNMAO = 0.37\*CCPAU

1960	634.18	693.75	646.76	763.68
1964	701.15	626.78	752.21	724.09
1968	759.98	750.36	909.09	1046.21
1972	1134.79	1005.66	1045.62	1249.12
1976	1487.03	1351.24	1499.61	

SNMEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SNMEC = 0.35\*CCPEC

1960	230.3	249.55	207.2	219.1
1964	196.35	219.1	249.2	200.9
1968	174.3	173.95	122.15	172.55
1972	243.6	177.8	97.65	251.3
1976	292.25	199.5	147.	

SNMJP - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1959 TO 1978

SNMJP = 0.35\*CCPJP

1959	19.25	29.75	28.	31.15
1963	37.8	30.1	32.9	37.8
1967	39.2	44.1	38.15	44.45
1971	42.7	43.4	46.9	30.1
1975	31.5	36.85	34.3	31.5

SNOAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SNOAF = 0.02\*CCPAF

1960	11.76	8.06	10.54	17.36
1964	22.32	17.36	19.84	23.56
1968	18.6	29.76	30.38	30.38
1972	45.88	46.5	42.78	37.2
1976	57.04	62.62	78.74	

SNOAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SNOAO = 0.02\*CCPAU

1960	1007.68	1162.5	1083.76	1279.68
1964	1174.9	1050.28	1200.46	1213.34
1968	1273.48	1257.36	1523.34	1756.46
1972	1901.54	1685.16	1752.12	2093.12
1976	2491.76	2264.24	2512.66	

SNOEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SNOEC = 0.04\*CCPEC

1960	421.12	456.32	378.88	400.64
1964	359.04	400.64	455.68	367.36
1968	318.72	318.08	223.36	315.52
1972	445.44	325.12	178.56	459.52
1976	534.4	364.8	268.8	

SNOJP - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1959 TO 1978

SNOJP = 0.04\*CCPJP

1959	35.2	54.4	51.2	56.96
1963	69.12	55.04	60.16	69.12
1967	71.68	80.64	69.76	81.28
1971	78.08	74.36	65.76	55.04
1975	57.6	71.04	62.72	57.6

SNOUS - DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1979

SNOUS = 0.04\*CCPUS

1960	216.2	230.4	199.6	164.7
1964	152.9	161.	174.2	147.
1968	181.4	170.6	135.2	26.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

SPKAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1957 TO 1978

SUPPLY PALM KERNELS IN AFRICA IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: FAS INTERNAL DATA

1957	790.	870.	840.	830.
1961	816.	749.	782.	790.
1965	820.	787.	605.	647.
1969	694.	747.	756.	710.
1973	647.	721.	678.	660.
1977	664.	697.		

SPKAO - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1957 TO 1978

SUPPLY PALM KERNELS IN OTHER ASIA-OCEANIA IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: FAS INTERNAL DATA

1957	54.	54.	53.	57.
1961	59.	61.	63.	65.
1965	69.	80.	87.	103.
1969	120.	140.	182.	210.
1973	231.	267.	340.	363.
1977	432.	465.		

SPMAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SPMAF = 0.4\*CPMAF

1960	598.4	751.6	766.	922.4
1964	923.6	925.6	1135.2	1165.2
1968	942.8	1104.	1241.2	1047.6
1972	1266.	1180.4	1107.2	1279.2
1976	1242.4	1224.	1194.4	

SPMAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SPMAO = 0.4125\*CPMAO

1960	1516.35	1560.9	1525.84	1602.15
1964	1816.65	1381.87	1365.18	1445.4
1968	1866.34	1506.04	1687.12	1956.9
1972	1975.05	1406.62	1855.84	1703.62
1976	2060.65	1791.9	1973.61	

SPMEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SPMEC = 0.395\*CPMEC

1960	317.185	403.295	449.51	457.805
1964	367.1	370.905	410.8	412.38
1968	465.31	355.895	278.475	212.51
1972	173.8	219.62	215.67	202.635
1976	243.715	175.38	160.12	

SPMUS - DATE REVISED: 1/16/81  
ANNUAL DATA FROM 1958 TO 1978

SUPPLY OF PEANUT MEAL IN THE U.S. IN 1000 M.T. (YEAR ENDING JULY)  
SOURCE: CALCULATED AS .419\*CPMUS

1958	45.	64.	56.	69.
1962	49.	57.	72.	90.
1966	98.	112.	122.	124.
1970	110.	152.	155.	162.
1974	130.	112.	275.	211.
1976	93.			

SPHUSA1 - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

SPHUS WITH A ONE YEAR LEAD

1960	69.	49.	57.	72.
1964	90.	98.	112.	222.
1968	124.	110.	152.	155.
1972	162.	130.	112.	275.
1976	211.	93.	100.	

SPNAF - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF PEANUTS IN AFRICA IN 1000 M.T. (HARVEST IN NOVEMBER/DECEMBER  
PRECEEDING YEAR) SOURCE: FAS INTERNAL DATA

1959	3594.	3244.	4229.	4374.
1963	4926.	4655.	4686.	5617.
1967	5717.	5031.	5147.	5193.
1971	4316.	4936.	4686.	4193.
1975	4658.	4992.	4571.	4397.

SPNAD - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF PEANUTS IN OTHER ASIA-OCEANIA IN 1000 M.T. (PRODUCTION IN  
EARLY PART OF YEAR AND LATTER PART OF PRECEEDING YEAR).  
SOURCE: FAS INTERNAL DATA

1959	5592.	5946.	6110.	5994.
1963	6200.	7031.	5387.	5406.
1967	5641.	7107.	5986.	6634.
1971	7699.	7755.	5553.	7376.
1975	6755.	8332.	6985.	7756.

SPNEC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

SUPPLY OF PEANUTS IN THE EC IN 1000 M.T. (PRODUCTION IN LATTER PART OF  
PRECEEDING YEAR) SOURCE: FAS INTERNAL DATA

1960	13.	13.	13.	12.
1964	11.	7.	7.	6.
1968	4.	3.	2.	2.
1972	0.	2.	2.	1.
1976	2.	2.	2.	

SPNUS - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF PEANUTS IN U.S. IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: FAS AND OILS SITUATION, FATS AND OILS STATISTICS

1959	823.	691.	779.	752.
1963	780.	881.	952.	1084.
1967	1095.	1124.	1155.	1150.
1971	1351.	1303.	1406.	1570.
1975	1664.	1750.	1701.	1690.

SPOAF - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SPOAF = 0.335\*CPNAF

1960	501.16	629.465	658.275	772.51
1964	773.515	775.19	950.73	992.605
1968	789.595	924.6	1039.5	877.365
1972	1060.27	988.585	927.28	1071.33
1976	1040.51	1025.1	1000.31	

SPDAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SPDAO = 0.33\*CPNAD

1960	1213.06	1248.72	1220.67	1281.72
1964	1453.32	1105.5	1108.14	1156.32
1968	1445.07	1204.83	1349.7	1565.52
1972	1560.04	1125.3	1480.67	1362.9
1976	1664.52	1433.52	1579.05	



SPOEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SPOEC = 0.51\*CPNEC

1960	248.93	316.51	352.76	359.29
1964	303.8	291.09	322.4	323.64
1968	365.16	279.31	218.55	166.78
1972	136.4	172.36	169.26	159.03
1976	191.27	137.64	141.36	

SPDUS - DATE REVISED: 1/31/81  
ANNUAL DATA FROM 1960 TO 1978

SPDUS = 0.517\*CPNUS

1960	41.864	51.948	36.772	43.429
1964	54.524	68.155	74.495	84.322
1968	92.564	94.149	83.686	114.754
1972	116.973	122.302	96.27	84.956
1976	207.952	159.451	70.057	

SRMAO - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SRMAO = 0.65\*CPSAO

1960	815.75	979.55	980.2	976.95
1964	720.85	1000.15	932.1	915.2
1968	1167.4	1023.1	1188.85	1500.2
1972	1145.95	1389.7	1309.1	1593.15
1976	1413.1	1208.35	1311.7	

SRMCN - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SRMCN = 0.57\*CRSCN

1960	2.65	12.54	17.1	21.69
1964	20.52	31.92	48.45	63.64
1968	66.69	89.49	100.32	111.15
1972	155.01	201.21	190.38	157.32
1976	197.79	313.5	359.1	

SRMCN1 - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

SRMCN WITH A ONE YEAR LEAD

1960	13.	17.	21.	21.
1964	32.	48.	64.	67.
1968	89.	100.	111.	150.
1972	201.	190.	157.	196.
1976	314.	359.	413.	

SRMEC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SRMEC = 0.62\*CKSEC

1960	152.52	130.2	151.9	213.28
1964	117.16	306.26	396.8	401.76
1968	482.36	497.24	627.44	962.86
1972	963.46	982.08	561.72	761.98
1976	602.02	792.36	615.66	

SRMJP - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SRMJP = 0.57\*CRSJP

1960	163.02	166.15	169.86	110.01
1964	124.63	137.37	167.01	168.72
1968	186.39	190.95	200.64	249.09
1972	330.6	396.15	388.74	380.76
1976	361.95	437.76	469.11	

SRDAF - DATE REVISED: 1/09/81  
ANNUAL DATA FROM 1960 TO 1978

SRDAF = 0.35\*CRSAF

1960	23.45	31.15	22.05	29.05
1964	26.95	24.15	24.85	28.
1968	28.35	30.8	27.65	23.1
1972	29.4	24.5	24.85	18.9
1976	31.5	36.4	32.55	

SR0AD - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SR0AD = 0.34\*CRSAD

1960	426.7	512.38	512.72	511.02
1964	377.06	554.54	487.56	478.72
1968	610.64	535.16	621.86	784.72
1972	599.42	726.92	684.76	833.34
1976	739.16	632.06	686.12	

SR0CM - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SR0CM = 0.4\*CRSCM

1960	2.	8.6	12.	14.8
1964	14.4	22.4	34.	44.8
1968	46.8	62.8	70.4	76.
1972	109.2	141.2	133.6	110.4
1976	136.8	220.	252.	

SR0EC - DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SR0EC = 0.35\*CRSEC

1960	86.1	73.5	65.75	120.4
1964	66.15	172.9	224.	226.8
1968	272.3	283.7	354.2	543.55
1972	543.9	554.4	317.1	430.15
1976	339.85	447.3	347.55	

SR0JP - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SR0JP = 0.4\*CRSJP

1960	114.4	118.	119.2	77.2
1964	87.6	96.4	117.2	118.4
1968	130.8	134.	140.8	174.8
1972	232.	276.	272.8	267.2
1976	254.	307.2	329.2	

SRSAO - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF MAPESEED IN OTHER ASIA-OCEANIA IN 1000 M.T. (CALENDAR YEAR)  
SOURCE: FAS INTERNAL DATA

1959	1382.	1394.	1673.	1675.
1963	1674.	1230.	1795.	1596.
1967	1501.	1994.	1749.	2005.
1971	2477.	1896.	2233.	2141.
1975	2602.	2363.	2021.	2047.

SRSCN - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF MAPESEED IN CANADA IN 1000 M.T. (YEAR ENDING JULY)  
SOURCE: GRIFFITH

1959	176.	81.	252.	255.
1963	133.	190.	300.	513.
1967	585.	560.	440.	758.
1971	1638.	2155.	1300.	1207.
1975	1175.	1749.	837.	1973.

SRSEC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF MAPESEED IN THE EC IN 1000 M.T. (HARVEST IN JUNE-AUGUST OF  
PRECEDEING YEAR) SOURCE: GRIFFITH

1959	281.	216.	102.	225.
1963	346.	276.	429.	515.
1967	478.	628.	696.	720.
1971	836.	974.	1060.	1051.
1975	1203.	918.	1022.	952.

SRSJP - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF MAPESEED IN JAPAN IN 1000 M.T. (HARVEST IN JUNE OF PRECEDEING  
YEAR) SOURCE: GRIFFITH

1959	267.	262.	264.	274.
1963	247.	109.	135.	126.
1967	95.	79.	68.	66.
1971	30.	23.	16.	13.
1975	9.	7.	6.	5.

888BZ - DATE REVISED: 10/30/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF SOYBEANS IN BRAZIL IN 1000 M.T. (YEAR BEGINNING APRIL)  
SOURCE: WILLIAMS, FATS AND OILS SITUATION

1959	152.	206.	271.	345.
1963	323.	305.	523.	595.
1967	716.	654.	1057.	1059.
1971	2077.	1700.	5011.	7876.
1975	9892.	10610.	12200.	10200.

888CN - DATE REVISED: 11/05/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF SOYBEANS IN CANADA IN 1000 M.T. (CROP YEAR ENDING IN GIVEN YEAR)  
SOURCE: FAS INTERNAL DATA

1959	181.	186.	136.	181.
1963	180.	136.	190.	219.
1967	245.	220.	246.	209.
1971	283.	280.	375.	397.
1975	301.	367.	250.	527.

888US - DATE REVISED: 11/25/80  
ANNUAL DATA FROM 1959 TO 1978

SUPPLY OF SOYBEANS IN U.S. IN 1000 M.T. (YEAR ENDING AUGUST)  
SOURCE: FATS AND OILS SITUATION

1959	15790.	14503.	15107.	16467.
1963	16212.	19029.	19075.	23013.
1967	45270.	24573.	30126.	30836.
1971	30675.	32008.	34560.	42110.
1975	33102.	42113.	35043.	47946.

888USA1 - DATE REVISED: 11/25/80  
ANNUAL DATA FROM 1960 TO 1978

SUPPLY OF SOYBEANS IN THE U.S. LEAD ONE PERIOD

1960	15107.	14467.	16212.	19029.
1964	19075.	23013.	25270.	26573.
1968	30126.	30836.	30675.	32008.
1972	34560.	42110.	33102.	42113.
1976	35043.	47946.	50147.	

888BZ - DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

888BZ = 0.75\*CS8BZ

1960	138.75	128.25	159.75	193.5
1964	205.5	297.	310.5	254.25
1968	392.25	460.75	623.5	1260.75
1972	1768.	1944.	3032.25	4290.
1976	5003.25	6414.75	6501.	

888CN - DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

888CN = 0.795\*CS8CN

1960	369.675	352.185	365.7	386.37
1964	407.27	422.94	446.79	430.095
1968	429.3	434.07	511.98	507.21
1972	504.825	487.335	510.39	504.825
1976	574.765	544.575	578.76	

888CN1 - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

888CN WITH A ONE YEAR LEAD

1960	352.	366.	386.	403.
1964	423.	447.	430.	429.
1968	434.	512.	507.	504.
1972	487.	511.	505.	575.
1976	545.	579.	590.	

SSMEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SSMEC = 0.795\*CSMEC

1960	1913.56	1517.66	1978.75	1950.93
1964	2378.64	2294.37	2640.99	2779.32
1968	2708.56	2965.35	4238.14	4314.46
1972	4680.16	5235.87	6669.13	6073.6
1976	6749.55	6742.39	8110.59	

SSMJJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SSMJJP = 0.795\*CSMJJP

1960	806.925	626.39	925.38	1105.05
1964	1149.57	1321.29	1551.04	1552.64
1968	1732.3	1648.03	2063.02	2043.15
1972	2160.01	2311.86	2063.02	2120.26
1976	2260.18	2291.19	2620.32	

SSMUS = DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1959 TO 1978

SSMUS = 0.795\*CSMUS

1959	6626.93	8574.79	8786.34	9334.09
1963	10230.1	9450.96	10363.6	11629.3
1967	12103.1	12471.2	13109.5	15952.5
1971	16446.2	15589.2	15617.	17769.8
1975	15173.4	18717.5	17097.3	20050.7

SSMUS1 = DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

SSMUS WITH A ONE YEAR LEAD

1960	8787.	9334.	10230.	9451.
1964	19364.	11629.	12103.	12471.
1968	13110.	15953.	16446.	15589.
1972	15617.	17770.	15174.	16718.
1976	17097.	20050.	22969.	

SSOBZ = DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1960 TO 1978

SSOBZ = 0.185\*CSOBZ

1960	34.225	31.635	39.405	47.73
1964	50.69	73.26	76.59	62.715
1968	96.755	118.585	203.13	310.965
1972	441.04	479.52	747.955	1058.2
1976	1234.14	1582.3	1618.38	

SSOCN = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SSOCN = 0.179\*CSOCN

1960	83.235	79.297	67.34	66.994
1964	90.574	95.226	100.548	96.639
1968	96.66	97.734	115.276	114.202
1972	113.665	109.727	114.918	113.665
1976	129.417	122.615	130.312	

SSOEC = DATE REVISED: 2/05/81  
ANNUAL DATA FROM 1960 TO 1978

SSOEC = 0.177\*CSOEC

1960	426.039	337.893	440.553	434.356
1964	529.584	516.822	567.994	616.792
1968	603.039	660.21	943.587	960.579
1972	1042.	1165.72	1469.26	1352.26
1976	1502.73	1501.14	1805.75	

SSOJP = DATE REVISED: 2/07/81  
ANNUAL DATA FROM 1960 TO 1978

SSOJP = 0.179\*CSOJP

1960	161.665	186.518	208.356	248.81
1964	258.634	297.496	349.229	349.587
1968	390.041	371.067	464.505	460.03
1972	486.343	520.532	464.505	477.393
1976	508.897	515.878	589.964	

SSOUS = DATE REVISED: 1/23/81  
ANNUAL DATA FROM 1959 TO 1978

SSOUS = 0.179\*CSBUS

1959	1942.87	1919.42	1976.31	2101.64
1963	2303.37	2127.95	2333.44	2616.41
1967	2725.1	2807.97	2951.71	3591.81
1971	3702.97	3510.01	3516.28	4001.01
1975	3416.39	4214.37	3849.57	4514.56

STWHCH = DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

BEGINNING WHEAT STOCKS IN CANADA IN 1000 M.T. (AUGUST 1 OF PREVIOUS YEAR) SOURCE: QUARTERLY BULLETIN OF AGRICULTURAL STATISTICS, STAT. CANADA

1960	16002.7	16318.1	16542.7	10642.8
1964	13260.7	12503.9	13962.2	11433.8
1968	15560.5	14302.7	23162.9	27452.
1972	19960.4	15887.2	9944.6	10088.9
1976	6037.5	7979.2	13318.	

SUPCNU5 = DATE REVISED: 2/18/81  
ANNUAL DATA FROM 1959 TO 1979

SUPPORT PRICE OF CORN IN U.S. IN US\$/M.T. (YEAR ENDING SEPTEMBER) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY PPIUS

1959	55.4619	47.3577	44.112	49.5178
1963	49.106	52.2399	51.5288	47.5459
1967	50.6232	52.4679	50.0942	47.6398
1971	48.3621	44.3656	35.8623	34.9162
1975	30.4882	28.476	34.2817	40.7768
1979	35.9279			

SUPCTUS = DATE REVISED: 2/18/81  
ANNUAL DATA FROM 1959 TO 1979

SUPPORT PRICE OF COTTON IN U.S. IN US\$/M.T. (YEAR ENDING JULY) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY PPIUS

1959	713.471	719.882	675.137	736.719
1963	730.593	742.367	757.194	694.406
1967	646.123	674.66	663.468	683.411
1971	741.228	644.09	510.898	495.057
1975	470.124	446.805	526.23	545.733
1979	498.218			

SUPPNUS = DATE REVISED: 2/18/81  
ANNUAL DATA FROM 1960 TO 1978

SUPPORT PRICE OF PEANUTS IN U.S. IN US\$/M.T. (YEAR ENDING JULY) SOURCE: AGRICULTURAL STATISTICS. DEFLATED BY PPIUS

1960	229.106	234.493	255.356	253.69
1964	262.123	258.555	239.57	247.498
1968	247.009	249.595	245.563	255.769
1972	247.053	203.077	195.841	226.403
1976	231.925	253.111	245.748	

SWITCH1 = DATE REVISED: 1/28/81  
ANNUAL DATA FROM 1960 TO 1978

1960	1.	1.	1.	1.
1964	1.	1.	1.	1.
1968	1.	1.	1.	1.
1972	1.	1.	1.	0.
1976	1.	1.	1.	

SWITCH2 = DATE REVISED: 1/28/81  
ANNUAL DATA FROM 1960 TO 1978

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	1.
1976	0.	0.	0.	

TCHAF = DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY COTTONSEED MEAL IN AFRICA SOURCE: CALCULATED

1960	0.4165	0.3623	0.2756	0.2623
1964	0.3254	0.2687	0.2456	0.2646
1968	0.3249	0.2599	0.2583	0.2666
1972	0.2999	0.3245	0.3676	0.3202
1976	0.3152	0.3452	0.3128	

TCMAU - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH AND LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COTTONSEED MEAL IN OTHER ASIA-OCEANIA SOURCE; CALCULATED

1960	0.282758	0.309442	0.339043	0.371083
1964	0.364156	0.346697	0.329519	0.320298
1968	0.293636	0.322133	0.305339	0.269113
1972	0.329433	0.364115	0.330535	0.316715
1976	0.335702	0.331471	0.324685	

TCMBZ - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COTTONSEED MEAL IN BRAZIL SOURCE; CALCULATED

1960	0.5508	0.6377	0.6258	0.6094
1964	0.5453	0.5194	0.5917	0.5799
1968	0.55	0.5651	0.5169	0.42
1972	0.5157	0.3762	0.3475	0.2973
1976	0.2462	0.2542	0.1695	

TCMEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COTTONSEED MEAL IN THE EC SOURCE; CALCULATED

1960	0.1484	0.1496	0.1288	0.1379
1964	0.1235	0.1332	0.1144	0.097
1968	0.0937	0.1062	0.0826	0.0612
1972	0.0662	0.078	0.0466	0.0521
1976	0.0366	0.0359	0.0381	

TCMJP - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COTTONSEED MEAL IN JAPAN SOURCE; CALCULATED

1960	0.0262	0.0343	0.048	0.056
1964	0.056	0.0515	0.0571	0.0443
1968	0.0449	0.0521	0.0474	0.0361
1972	0.0253	0.0216	0.0174	0.0171
1976	0.012	0.0112	0.0096	

TCMUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COTTONSEED MEAL IN U.S. SOURCE; CALCULATED

1958	0.1773	0.1647	0.1828	0.1868
1962	0.1832	0.1804	0.1916	0.1907
1966	0.1727	0.1202	0.0996	0.1226
1970	0.0999	0.0904	0.0975	0.1269
1974	0.1042	0.107	0.0616	0.0763
1978	0.068			

TCOAF - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC OILS AND PALM OILS CONSUMPTION  
ACCOUNTED FOR BY COTTONSEED OIL IN AFRICA SOURCE; CALCULATED

1960	0.166691	0.156105	0.147065	0.156214
1964	0.160178	0.158374	0.141435	0.159508
1968	0.171675	0.137973	0.169111	0.141761
1972	0.190189	0.175429	0.175009	0.228468
1976	0.162013	0.209423	0.18086	

TCODD - DATE REVISED: 1/10/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY COTTONSEED OIL IN OTHER ASIA-OCEANIA SOURCE; CALCULATED

1960	0.1629	0.1876	0.1662	0.204
1964	0.1982	0.2044	0.2065	0.1965
1968	0.1765	0.2036	0.1728	0.1453
1972	0.193	0.2062	0.1827	0.1953
1976	0.1567	0.1365	0.1493	

TC0BZ - DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY COTTONSEED OIL IN BRAZIL SOURCE; CALCULATED

1960	0.4496	0.4235	0.4509	0.4395
1964	0.4984	0.3516	0.3535	0.3515
1968	0.3612	0.4118	0.3292	0.2373
1972	0.2752	0.2692	0.1998	0.1466
1976	0.1016	0.1118	0.0901	

TC0EC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY COTTONSEED OIL IN THE EC SOURCE; CALCULATED

1960	0.071	0.113	0.076	0.091
1964	0.097	0.11	0.055	0.017
1968	0.028	0.031	0.042	0.038
1972	0.031	0.024	0.027	0.012
1976	0.007	0.011	0.004	

TC0JP - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY COTTONSEED OIL IN JAPAN SOURCE; CALCULATED

1960	0.0552	0.0576	0.0783	0.0932
1964	0.112	0.0831	0.0891	0.0736
1968	0.0731	0.0684	0.0725	0.0561
1972	0.0564	0.0527	0.0456	0.0357
1976	0.033	0.0414	0.0463	

TC0JS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY COTTONSEED OIL IN U.S. SOURCE; CALCULATED

1960	0.2744	0.2492	0.2676	0.299
1962	0.2636	0.2719	0.2514	0.2809
1966	0.2575	0.1935	0.1756	0.1463
1970	0.1416	0.1224	0.1094	0.1231
1974	0.1224	0.0903	0.0509	0.0651
1976	0.0762			

TIME - DATE REVISED: 12/18/80  
ANNUAL DATA FROM 1960 TO 1978

TIME TREND

1960	1.	2.	3.	4.
1964	5.	6.	7.	8.
1968	9.	10.	11.	12.
1972	13.	14.	15.	16.
1976	17.	18.	19.	

TKHAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PALM KERNEL MEAL IN AFRICA SOURCE; CALCULATED

1960	1.	1.	1.	1.
1964	1.	1.	0.9198	1.
1968	1.	1.	0.9877	0.9068
1972	0.824	0.902	0.8579	0.8977
1976	0.8136	0.861	0.7985	

TKHAD - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH AND LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PALM KERNEL MEAL IN OTHER ASIA-OCEANIA SOURCE; CALCULATED

1960	0.	0.000692	0.000792	0.001167
1964	0.0016	0.001771	0.002638	0.002012
1968	0.001991	0.002786	0.004555	0.0054
1972	0.004387	0.003104	0.00279	0.
1976	0.003086	0.001513	0.007977	

TKMEC - DATE REVISED: 11/15/80  
ANNUAL DATA FROM 1959 TO 1978

FRACTION OF TOTAL LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PALM KERNEL MEAL IN THE EC SOURCE; CALCULATED

1959	0.5106	0.4582	0.4204	0.4311
1963	0.3767	0.3669	0.3625	0.3235
1967	0.2913	0.3022	0.3037	0.2969
1971	0.2644	0.2373	0.2373	0.3187
1975	0.2687	0.2337	0.2668	0.245

TKDAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY PALM KERNEL  
OIL IN AFRICA SOURCE; CALCULATED

1960	0.439	0.5238	0.4316	0.6269
1964	0.5	0.6456	0.4219	0.6842
1968	0.5994	0.6087	0.6066	0.5566
1972	0.5541	0.5564	0.6216	0.6851
1976	0.5495	0.6333	0.6332	

TKDAO - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY PALM KERNEL  
OIL IN OTHER ASIA-OCEANIA SOURCE; CALCULATED

1960	0.0011	0.0054	0.0101	0.0085
1964	0.0126	0.0173	0.018	0.0162
1968	0.0182	0.0207	0.0312	0.0376
1972	0.0165	0.0134	0.0026	0.011
1976	0.	0.0421	0.0377	

TKOCN - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY PALM KERNEL  
OIL IN CANADA SOURCE; CALCULATED

1960	0.	0.	0.0852	0.1779
1964	0.0476	0.2	0.1787	0.214
1968	0.2115	0.2313	0.1948	0.1914
1972	0.1522	0.2169	0.1667	0.165
1976	0.3333	0.2293	0.2466	

TKOEC - DATE REVISED: 11/15/80  
ANNUAL DATA FROM 1959 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY PALM KERNEL  
OIL IN THE EC SOURCE; CALCULATED

1959	0.5039	0.3962	0.3561	0.4128
1963	0.3717	0.3912	0.3607	0.3518
1967	0.2928	0.3297	0.371	0.4245
1971	0.3621	0.2726	0.3152	0.4751
1975	0.3171	0.276	0.3037	0.2796

TKOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY PALM KERNEL  
OIL IN U.S. SOURCE; CALCULATED

1958	0.0733	0.0944	0.112	0.0952
1962	0.1089	0.0923	0.095	0.1034
1966	0.1031	0.1119	0.1175	0.1235
1970	0.0903	0.1275	0.1303	0.1365
1974	0.182	0.1965	0.1162	0.1141
1978	0.1518			

TMOAF - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OILS AND PALM OILS  
CONSUMPTION ACCOUNTED FOR BY PALM OIL IN AFRICA SOURCE; CALCULATED

1960	0.526012	0.502692	0.473262	0.434006
1964	0.458306	0.479202	0.430614	0.387216
1968	0.449935	0.414376	0.394517	0.395989
1972	0.373141	0.370318	0.353218	0.267818
1976	0.34949	0.353034	0.337753	



TNMAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COPRA MEAL IN AFRICA SOURCE: CALCULATED

1960	0.	0.	0.	0.
1964	0.	0.	0.0802	0.
1968	0.	0.	0.0123	0.0932
1972	0.176	0.098	0.1421	0.1023
1976	0.1864	0.139	0.2015	

TNMAC - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH AND LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COPRA MEAL IN OTHER ASIA-OCEANIA SOURCE: CALCULATED

1960	0.079563	0.076152	0.078396	0.085958
1964	0.051557	0.051745	0.064146	0.058423
1968	0.051095	0.060237	0.058534	0.055615
1972	0.059192	0.069924	0.061645	0.070671
1976	0.07237	0.073367	0.063821	

TNMEC - DATE REVISED: 11/15/80  
ANNUAL DATA FROM 1959 TO 1978

FRACTION OF TOTAL LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
COPRA MEAL IN THE EC SOURCE: CALCULATED

1959	0.4894	0.5418	0.5796	0.5669
1963	0.6233	0.6331	0.6375	0.6765
1967	0.7067	0.6978	0.6963	0.7031
1971	0.7351	0.7627	0.7627	0.6813
1975	0.7313	0.7663	0.7332	0.755

TNOAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY COPRA OIL  
IN AFRICA SOURCE: CALCULATED

1960	0.561	0.4762	0.5662	0.3731
1964	0.5	0.3544	0.5781	0.3158
1968	0.4906	0.3913	0.3932	0.4434
1972	0.4454	0.4416	0.3784	0.3149
1976	0.4505	0.3667	0.3668	

TNOAC - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY COPRA OIL  
IN OTHER ASIA-OCEANIA SOURCE: CALCULATED

1960	0.9989	0.9946	0.9899	0.9915
1964	0.9874	0.9827	0.982	0.9838
1968	0.9818	0.9793	0.9888	0.9824
1972	0.9835	0.9866	0.9952	0.989
1976	1.	0.9579	0.9623	

TNOCN - DATE REVISED: 12/05/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY COPRA OIL  
IN CANADA SOURCE: CALCULATED

1960	1.	1.	0.9108	0.8221
1964	0.9574	0.8	0.8213	0.786
1968	0.7685	0.7687	0.8052	0.8086
1972	0.6478	0.7831	0.8333	0.835
1976	0.6647	0.7707	0.7534	

TNDEC - DATE REVISED: 11/15/80  
ANNUAL DATA FROM 1959 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY COPRA OIL  
IN THE EC SOURCE: CALCULATED

1959	0.4961	0.6018	0.6439	0.5872
1963	0.6263	0.6088	0.6393	0.6462
1967	0.7072	0.6073	0.629	0.5755
1971	0.6379	0.7274	0.6648	0.5249
1975	0.6629	0.722	0.6963	0.7202

TNOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL LAURIC OIL CONSUMPTION ACCOUNTED FOR BY COPRA OIL  
IN U.S. SOURCE: CALCULATED

1958	0.9267	0.9056	0.888	0.9048
1962	0.8911	0.9077	0.905	0.8966
1966	0.8469	0.8881	0.8825	0.8765
1970	0.9097	0.8725	0.8697	0.8615
1974	0.818	0.8035	0.8858	0.8859
1978	0.8482			

TOLLUS - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING INSTITUTION OF CCC TOLL CRUSH PROGRAM IN  
1975/76 TO REDUCE LARGE INVENTORIES OF GOVT OWNED NUTS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	1.	0.	0.	

TPHAF - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PEANUT MEAL IN AFRICA SOURCE: CALCULATED

1960	0.5835	0.6377	0.7244	0.7377
1964	0.6746	0.7313	0.7544	0.7354
1968	0.6711	0.7401	0.7417	0.7332
1972	0.7001	0.6755	0.6324	0.6798
1976	0.6848	0.6548	0.6872	

TPHAD - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH AND LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PEANUT MEAL IN OTHER ASIA-OCEANIA SOURCE: CALCULATED

1960	0.431777	0.383571	0.318325	0.284725
1964	0.390857	0.280443	0.325132	0.368215
1968	0.385668	0.368701	0.364271	0.39043
1972	0.390768	0.241847	0.365151	0.337997
1976	0.327936	0.359039	0.406161	

TPHBZ - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PEANUT MEAL IN BRAZIL SOURCE: CALCULATED

1960	0.1667	0.1653	0.204	0.1594
1964	0.2058	0.1868	0.2156	0.1803
1968	0.2114	0.1842	0.1394	0.1422
1972	0.1606	0.1961	0.9647	0.0934
1976	0.0681	0.0397	0.0368	

TPHEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PEANUT MEAL IN THE EC SOURCE: CALCULATED

1960	0.2763	0.3606	0.3185	0.299
1964	0.2506	0.2312	0.2002	0.1961
1968	0.198	0.1581	0.1262	0.1019
1972	0.112	0.1183	0.0667	0.0761
1976	0.1098	0.0998	0.0643	

TPHUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
PEANUT MEAL IN U.S. SOURCE: CALCULATED

1958	0.0357	0.0073	0.0065	0.0079
1962	0.0053	0.0064	0.0073	0.0097
1966	0.0093	0.01	0.0129	0.0117
1970	0.0091	0.0123	0.0134	0.0144
1974	0.0103	0.0096	0.0201	0.0168
1978	0.0063			

TPOAF - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OILS AND PALM OILS  
CONSUMPTION ACCOUNTED FOR BY PEANUT OIL IN AFRICA SOURCE; CALCULATED

1960	0.240596	0.300822	0.318202	0.337163
1964	0.322144	0.289459	0.356435	0.380906
1968	0.288614	0.354924	0.354571	0.33583
1972	0.339757	0.367483	0.330414	0.331236
1976	0.33163	0.298704	0.315296	

TPDAD - DATE REVISED: 1/10/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY PEANUT OIL IN OTHER ASIA-OCEANIA SOURCE; CALCULATED

1960	0.59	0.5614	0.5226	0.5089
1964	0.5749	0.474	0.4956	0.5101
1968	0.5237	0.477	0.472	0.4821
1972	0.4954	0.4022	0.4601	0.4171
1976	0.4563	0.3819	0.3624	

TPOBZ - DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY PEANUT OIL IN BRAZIL SOURCE; CALCULATED

1960	0.4017	0.4662	0.4277	0.4045
1964	0.3333	0.4323	0.4497	0.436
1968	0.3789	0.3387	0.3099	0.2424
1972	0.1772	0.1323	0.0826	0.0657
1976	0.0216	0.0203	0.013	

TPOEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY PEANUT OIL IN THE EC SOURCE; CALCULATED

1960	0.416	0.479	0.479	0.461
1964	0.432	0.438	0.44	0.447
1968	0.445	0.366	0.282	0.225
1972	0.267	0.275	0.226	0.227
1976	0.251	0.232	0.201	

TPOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY PEANUT OIL IN U.S. SOURCE; CALCULATED

1958	0.0199	0.0234	0.0171	0.0169
1962	0.0143	0.0134	0.0131	0.0096
1966	0.0164	0.0274	0.032	0.0259
1970	0.0205	0.0263	0.0262	0.0204
1974	0.0187	0.0209	0.032	0.0262
1978	0.0213			

TRMAD - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH AND LOW PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
RAPESEED MEAL IN OTHER ASIA-OCEANIA SOURCE; CALCULATED

1960	0.205902	0.230143	0.263444	0.257065
1964	0.19183	0.319344	0.278565	0.251052
1968	0.267409	0.246144	0.267301	0.279402
1972	0.216219	0.32101	0.239679	0.274617
1976	0.260906	0.234611	0.197336	

TRMCN - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
RAPESEED MEAL IN CANADA SOURCE; CALCULATED

1960	0.0077	0.0245	0.0302	0.0372
1964	0.0386	0.0517	0.0746	0.0921
1968	0.0683	0.1207	0.1158	0.1113
1972	0.1411	0.1821	0.1669	0.1355
1976	0.117	0.1293	0.1303	

TRMEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
RAPESEED MEAL IN THE EC SOURCE: CALCULATED

1960	0.0394	0.0392	0.0309	0.0356
1964	0.0239	0.0392	0.0443	0.0435
1968	0.0508	0.0489	0.05	0.0715
1972	0.0703	0.0707	0.0385	0.0525
1976	0.0402	0.0541	0.0405	

TRMJP - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
RAPESEED MEAL IN JAPAN SOURCE: CALCULATED

1960	0.096	0.0981	0.0839	0.0462
1964	0.0549	0.056	0.0622	0.0716
1968	0.0741	0.0841	0.0725	0.0718
1972	0.0863	0.0918	0.1054	0.1117
1976	0.096	0.1082	0.1063	

TRDAF - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OILS AND PALM OILS  
CONSUMPTION ACCOUNTED FOR BY RAPESEED OIL IN AFRICA SOURCE: CALCULATED

1960	0.02095	0.022876	0.019364	0.021338
1964	0.020366	0.021665	0.033876	0.020099
1968	0.026676	0.023249	0.023251	0.037328
1972	0.042814	0.041244	0.06856	0.078055
1976	0.069279	0.052792	0.045296	

TRDAO - DATE REVISED: 1/10/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY RAPESEED OIL IN OTHER ASIA-OCEANIA SOURCE: CALCULATED

1960	0.2043	0.2279	0.2215	0.2114
1964	0.1456	0.2366	0.2183	0.2194
1968	0.2275	0.2218	0.2232	0.2476
1972	0.196	0.277	0.2291	0.2647
1976	0.2233	0.243	0.2202	

TRDCN - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY RAPESEED OIL IN CANADA SOURCE: CALCULATED

1960	0.0215	0.0875	0.2029	0.1739
1964	0.1359	0.1593	0.2596	0.3333
1968	0.3404	0.4026	0.3638	0.4022
1972	0.522	0.4648	0.4034	0.4144
1976	0.3649	0.4449	0.5364	

TRDEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY RAPESEED OIL IN THE EC SOURCE: CALCULATED

1960	0.099	0.076	0.076	0.097
1964	0.042	0.099	0.124	0.149
1968	0.17	0.193	0.189	0.253
1972	0.236	0.198	0.077	0.16
1976	0.11	0.084	0.077	

TROJP - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY RAPESEED OIL IN JAPAN SOURCE: CALCULATED

1960	0.3931	0.4	0.342	0.209
1964	0.2239	0.2186	0.2146	0.2700
1968	0.2097	0.2642	0.253	0.2645
1972	0.2792	0.3269	0.3443	0.3372
1976	0.3333	0.3666	0.3477	

TR2AF - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING POLITICAL TURMOIL AFFECTING PALM KERNEL  
PRODUCTION IN AFRICA 1=YEARS OF POLITICAL TURMOIL 0=ALL OTHER YEARS

1960	1.	1.	1.	0.
1964	0.	0.	0.	1.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

TR3AF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING POLITICAL TURMOIL IN AFRICA  
1=YEARS OF POLITICAL TURMOIL 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	1.
1968	0.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

TR6AF - DATE REVISED: 1/19/81  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING POLITICAL TURMOIL IN AFRICA  
1=YEARS OF POLITICAL TURMOIL 0=ALL OTHER YEARS

1960	0.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

TSMBZ - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
SOYBEAN MEAL IN BRAZIL SOURCE: CALCULATED

1960	0.2625	0.197	0.1702	0.2312
1964	0.2489	0.2918	0.1927	0.2398
1968	0.2386	0.2507	0.3437	0.4378
1972	0.3237	0.5177	0.5878	0.6093
1976	0.6857	0.7061	0.7717	

TSMCN - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
SOYBEAN MEAL IN CANADA SOURCE: CALCULATED

1960	0.9923	0.9755	0.9698	0.9628
1964	0.9614	0.9483	0.9254	0.9079
1968	0.9117	0.8793	0.8842	0.8867
1972	0.8589	0.8179	0.8331	0.8645
1976	0.863	0.8707	0.8697	

TSMEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
SOYBEAN MEAL IN THE EC SOURCE: CALCULATED

1960	0.5359	0.4506	0.5218	0.5275
1964	0.602	0.5963	0.641	0.6615
1968	0.6575	0.6868	0.7412	0.7654
1972	0.7516	0.733	0.8463	0.8193
1976	0.8112	0.8102	0.8571	

TSHJP - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
SOYBEAN MEAL IN JAPAN SOURCE: CALCULATED

1960	0.6779	0.6675	0.8661	0.6978
1964	0.8871	0.8906	0.8807	0.684
1968	0.681	0.8638	0.8601	0.6901
1972	0.8884	0.8666	0.8772	0.6712
1976	0.8901	0.8807	0.8641	

TSMUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL HIGH PROTEIN MEAL CONSUMPTION ACCOUNTED FOR BY  
SOYBEAN MEAL IN U.S. SOURCE: CALCULATED

1958	0.8171	0.8279	0.8107	0.8053
1962	0.8115	0.8132	0.8009	0.7996
1966	0.818	0.8698	0.8673	0.8657
1970	0.891	0.8973	0.8891	0.8587
1974	0.8815	0.8834	0.9183	0.9069
1978	0.9057			

TSOAF - DATE REVISED: 12/02/80  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OILS AND PALM OILS  
CONSUMPTION ACCOUNTED FOR BY SOYBEAN OIL IN AFRICA SOURCE: CALCULATED

1960	0.04555	0.017505	0.042086	0.051279
1964	0.039002	0.051299	0.037636	0.05227
1968	0.063698	0.064477	0.05855	0.09092
1972	0.054046	0.045526	0.07298	0.074423
1976	0.067588	0.086046	0.120794	

TSOAO - DATE REVISED: 1/10/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY SOYBEAN OIL IN OTHER ASIA-OCEANIA SOURCE: CALCULATED

1960	0.0228	0.0231	0.0697	0.0757
1964	0.0813	0.085	0.0796	0.074
1968	0.0723	0.0976	0.132	0.125
1972	0.1156	0.1146	0.1281	0.1229
1976	0.1637	0.2386	0.2681	

TSOBZ - DATE REVISED: 1/22/81  
ANNUAL DATA FROM 1959 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY SOYBEAN OIL IN BRAZIL SOURCE: CALCULATED

1959	0.0896	0.1485	0.1103	0.1214
1963	0.1561	0.1883	0.2161	0.1969
1967	0.2125	0.2399	0.2495	0.3609
1971	0.5203	0.5476	0.5985	0.7176
1975	0.7877	0.8768	0.8679	0.8969

TSOCN - DATE REVISED: 1/02/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY SOYBEAN OIL IN CANADA SOURCE: CALCULATED

1960	0.9792	0.9125	0.8846	0.8261
1964	0.8641	0.8407	0.7402	0.6667
1968	0.6596	0.5974	0.6162	0.5978
1972	0.478	0.5352	0.5466	0.5856
1976	0.6151	0.5551	0.4636	

TSOEC - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY SOYBEAN OIL IN THE EC SOURCE: CALCULATED

1960	0.414	0.332	0.367	0.351
1964	0.429	0.353	0.381	0.387
1968	0.357	0.41	0.486	0.484
1972	0.467	0.503	0.667	0.6
1976	0.632	0.673	0.718	

TSOJP - DATE REVISED: 1/14/81  
ANNUAL DATA FROM 1960 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY SOYBEAN OIL IN JAPAN SOURCE: CALCULATED

1960	0.5517	0.5424	0.5797	0.6978
1964	0.6641	0.6983	0.6963	0.7055
1968	0.7172	0.6474	0.6746	0.6774
1972	0.6644	0.6204	0.6101	0.6271
1976	0.6337	0.592	0.606	

TSOUS - DATE REVISED: 10/29/80  
ANNUAL DATA FROM 1958 TO 1978

FRACTION OF TOTAL OLEIC-LINOLEIC/LINOLENIC OIL CONSUMPTION ACCOUNTED  
FOR BY SOYBEAN OIL IN U.S. SOURCE: CALCULATED

1958	0.7057	0.7274	0.7153	0.6641
1962	0.7021	0.7147	0.7355	0.7095
1966	0.7261	0.7791	0.7924	0.8278
1970	0.8379	0.8513	0.8644	0.8565
1974	0.8589	0.8868	0.9171	0.9067
1978	0.9025			

TURAF - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

DUMMY VARIABLE INDICATING POLITICAL TURMOIL AFFECTING PEANUT PRODUCTION  
IN AFRICA 1=YEARS OF TURMOIL 0=ALL OTHER YEARS

1960	1.	0.	0.	0.
1964	0.	0.	0.	0.
1968	1.	0.	0.	0.
1972	0.	0.	0.	0.
1976	0.	0.	0.	0.

WPIAO - DATE REVISED: 12/09/80  
ANNUAL DATA FROM 1957 TO 1978

WHOLESALE PRICE INDEX IN OTHER ASIA-OCEANIA (INDIA) 1967=100  
(CALENDAR YEAR) SOURCE: IMF, IFS

1957	0.534	0.545	0.566	0.603
1961	0.618	0.624	0.65	0.718
1965	0.776	0.866	1.	0.996
1969	1.017	1.081	1.122	1.209
1973	1.408	1.608	1.88	1.844
1977	1.979	1.977		

WPIBZ - DATE REVISED: 1/24/81  
ANNUAL DATA FROM 1959 TO 1978

WHOLESALE PRICE IN BRAZIL INDEX 12 PRODUCTS FOR DOMESTIC USE 1965=67=100  
(CALENDAR YEAR) SOURCE: CONJUNTURA ECONOMICA

1959	0.0528	0.0492	0.0972	0.146
1963	0.257	0.465	0.716	1.01
1967	1.23	1.57	1.87	2.23
1971	2.71	3.19	3.68	4.75
1975	6.07	6.52	11.94	18.44

WPICN - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1956 TO 1979

WHOLESALE PRICE INDEX IN CANADA 1970=100 (CALENDAR YEAR)  
SOURCE: INDEX OF INDUSTRY SELLING PRICES, STATISTICS CANADA

1956	0.631	0.637	0.639	0.64
1962	0.85	0.861	0.866	0.879
1966	0.904	0.922	0.942	0.976
1970	1.	1.02	1.064	1.183
1974	1.409	1.567	1.647	1.777
1978	1.94	2.22		

WPIEC - DATE REVISED: 11/22/80  
ANNUAL DATA FROM 1960 TO 1978

WHOLESALE PRICE INDEX IN THE EC 1970=100 (CALENDAR YEAR)  
SOURCE: CALCULATED FROM DATA IN IMF, IFS

1960	0.765	0.801	0.812	0.827
1964	0.851	0.87	0.892	0.892
1968	0.898	0.94	1.	1.045
1972	1.067	1.196	1.63	1.564
1976	1.723	1.889	1.985	

WPIJP - DATE REVISED: 12/05/80  
ANNUAL DATA FROM 1960 TO 1978

WHOLESALE PRICE INDEX IN JAPAN 1967=100 (CALENDAR YEAR) SOURCE: IMF, IFS

1960	0.93	0.94	0.95	0.935
1964	0.95	0.953	0.96	0.983
1968	1.	1.01	1.03	1.069
1972	1.06	1.069	1.238	1.626
1976	1.675	1.76	1.792	

WPIUS - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1957 TO 1979

WHOLESALE PRICE INDEX IN U.S. 1967=100 (YEAR ENDING SEPTEMBER)  
SOURCE: BUSINESS STATISTICS AND SURVEY OF CURRENT BUSINESS

1957	0.929	0.944	0.948	0.947
1961	0.946	0.947	0.945	0.946
1965	0.959	0.992	0.999	1.018
1969	1.053	1.096	1.13	1.175
1973	1.3	1.522	1.73	1.811
1977	1.914	2.046	2.277	

XCNMR - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: CNS/MALAYSIAN RINGGITS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	0.3167	0.331	0.3496	0.3532
1964	0.3532	0.3532	0.3532	0.3532
1968	0.3532	0.3532	0.3422	0.3308
1972	0.3514	0.4094	0.4062	0.4236
1976	0.3679	0.4321	0.4926	

XCNPP - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: CNS/PHILIPPINE PESOS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	0.4607	0.5009	0.2794	0.2761
1964	0.2761	0.2762	0.2772	0.2772
1968	0.2772	0.2772	0.1727	0.1567
1972	0.1476	0.1479	0.1439	0.1399
1976	0.1324	0.1436	0.1547	

XCNUS - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: CNS/US\$ (CALENDAR YEAR) SOURCE: CALCULATED FROM DATA  
IN IMF, IFS

1960	0.9695	1.0131	1.0701	1.0811
1964	1.0811	1.0811	1.0811	1.0811
1968	1.0811	1.0811	1.0475	1.0096
1972	0.9906	1.0002	0.9779	1.0172
1976	0.966	1.0635	1.1407	

XDMFF - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EC GREEN RATE: GREEN DM/GREEN FRENCH FRANCS (CALENDAR YEAR)  
SOURCE: CALCULATED FROM DATA IN TDAM

1960	0.85072	0.81021	0.81021	0.81021
1964	0.81021	0.81021	0.81021	0.81021
1968	0.81021	0.7719	0.65898	0.65898
1972	0.65898	0.65898	0.65898	0.65521
1976	0.62808	0.61135	0.56145	

XECBZ - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: GREEN DM/CR\$ (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN TDAM

1960	32.3799	20.9288	12.4758	8.2134
1964	3.8344	2.257	1.9256	1.5955
1968	1.2165	1.0031	0.8146	0.7063
1972	0.6306	0.5874	0.5146	0.4225
1976	0.2425	0.2067	0.1566	

XECCN - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: GREEN DM/CNS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN TDAM

1960	4.5756	4.2143	3.9989	3.9562
1964	3.9562	3.9562	3.9562	3.939
1968	3.6068	3.7816	3.5717	3.7092
1972	3.7767	3.5975	3.5742	3.3763
1976	3.1668	2.7489	2.48	



XECMR - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: GREEN DM/MALAYSIAN RINGGITS (CALENDAR YEAR)  
SOURCE: CALCULATED FROM DATA IN TDAM

1960	1.4493	1.3948	1.398	1.398
1964	1.398	1.398	1.398	1.3912
1968	1.3445	1.3357	1.2223	1.227
1972	1.3272	1.4727	1.4519	1.4301
1976	1.2284	1.1878	1.2215	

XECPP - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: GREEN DM/PHILIPPINE PESOS (CALENDAR YEAR)  
SOURCE: CALCULATED FROM DATA IN TDAM

1960	2.1994	2.1108	1.1173	1.0929
1964	1.0929	1.0933	1.0972	1.0919
1968	1.0552	1.0483	0.617	0.5813
1972	0.5583	0.5322	0.5145	0.4722
1976	0.4194	0.3947	0.3836	

XECRP - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: GREEN DM/RUPEES (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN TDAM

1960	0.9315	0.8966	0.8986	0.8986
1964	0.8986	0.6729	0.5706	0.5676
1968	0.5487	0.5451	0.4988	0.4994
1972	0.4927	0.4648	0.4314	0.41
1976	0.3485	0.3345	0.3453	

XECUS - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: GREEN DM/US\$ (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN TDAM

1960	4.03604	4.28948	4.2792	4.2792
1964	4.2792	4.2792	4.2792	4.2584
1968	4.11552	4.08646	3.74136	3.7455
1972	3.74191	3.59819	3.49523	3.43433
1976	3.1225	2.92341	2.8289	

XJPCN - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: YEN/CNS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	371.33	355.38	366.42	332.99
1964	357.99	332.99	332.99	332.99
1968	332.99	332.99	343.68	346.43
1972	305.92	271.17	296.1	291.78
1976	300.76	252.48	184.51	

XJPMR - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: YEN/MALAYSIAN RINGGITS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	117.61	117.61	117.61	117.61
1964	117.61	117.61	117.61	117.61
1968	117.61	117.61	117.61	114.6
1972	107.51	111.01	121.09	123.59
1976	116.66	109.1	90.88	

XJPPP - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: YEN/PHILIPPINE PESOS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	178.49	177.98	94.	91.94
1964	91.94	91.98	92.3	92.3
1968	92.3	92.3	59.36	54.29
1972	45.22	40.11	42.91	40.81
1976	39.83	36.25	28.54	

XJPHP - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: YEN/RUPEES (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	75.6	75.6	75.6	75.6
1964	75.6	56.61	48.	46.
1968	48.	48.	48.	46.64
1972	39.91	35.03	35.98	35.43
1976	33.1	30.73	25.69	

XJPUS - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: YEN/US\$ (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	360.	360.	360.	360.
1964	360.	360.	360.	360.
1968	360.	360.	360.	349.63
1972	303.11	271.22	291.51	296.8
1976	296.55	268.51	210.47	

XPPMR - DATE REVISED: 2/10/81  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: PHILIPPINE PESOS/MALAYSIAN RINGGITS (CALENDAR YEAR)  
SOURCE: CALCULATED FROM DATA IN IMF, IFS

1960	0.6549	0.6608	1.2512	1.2792
1964	1.2792	1.2787	1.2742	1.2742
1968	1.2742	1.2742	1.9812	2.1168
1972	2.3773	2.7674	2.822	3.0264
1976	2.9293	3.0096	3.1844	

XRPCN - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: RUPEES/CNS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	4.9116	4.7004	4.4501	4.4048
1964	4.4048	5.652	6.9374	6.9374
1968	6.9374	6.9374	7.1599	7.4262
1972	7.6645	7.7465	8.2651	8.2344
1976	9.0672	8.2172	7.1824	

XRPUS - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: RUPEES/US\$ (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	4.762	4.762	4.762	4.762
1964	4.762	6.359	7.5	7.5
1968	7.5	7.5	7.5	7.501
1972	7.594	7.742	8.102	8.376
1976	6.96	6.739	8.193	

XUSMR - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: US\$/MALAYSIAN RINGGITS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	0.3267	0.3267	0.3267	0.3267
1964	0.3267	0.3267	0.3267	0.3267
1968	0.3267	0.3267	0.3267	0.3276
1972	0.3547	0.4093	0.4154	0.4164
1976	0.3934	0.4063	0.4318	

XUSPP - DATE REVISED: 11/03/80  
ANNUAL DATA FROM 1960 TO 1978

EXCHANGE RATE: US\$/PHILIPPINE PESOS (CALENDAR YEAR) SOURCE: CALCULATED  
FROM DATA IN IMF, IFS

1960	0.4958	0.4944	0.2611	0.2554
1964	0.2554	0.2555	0.2564	0.2564
1968	0.2564	0.2564	0.1649	0.1552
1972	0.1492	0.1479	0.1472	0.1375
1976	0.1343	0.135	0.1356	

ZCMECAF = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCMECAF = PCMEC\*MPIEC-XECUS\*PCMAF\*CP1AF

1960	82,5132	88,3787	98,7703	115,628
1964	104,194	129,699	102,739	102,154
1968	50,4943	54,9445	117,82	102,592
1972	143,726	397,64	266,333	228,277
1976	304,379	293,332	174,85	

ZCMECAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCMECAO = PCMEC\*MPIEC-XECKP\*PCMAO\*CP1AO

1960	32,5291	42,0732	44,2644	129,918
1964	147,311	133,767	132,86	85,1133
1968	36,1213	10,4766	80,3586	71,092
1972	121,077	401,9	224,83	206,93
1976	316,828	315,267	215,904	

ZCMECBZ = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCMECBZ = PCMEC\*MPIEC-XECBZ\*PCMBZ\*WPIBZ

1960	28,6504	19,0279	80,7122	85,8606
1964	67,5496	124,101	151,886	122,875
1968	44,0647	69,9757	113,86	85,5889
1972	109,13	359,602	202,228	128,3
1976	162,545	340,187	153,352	

ZCMECUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCMECUS = PCMEC\*MPIEC-XECUS\*PCMUS\*WFIUS

1960	78,3433	73,6919	75,7053	66,5413
1964	137,664	128,244	77,7056	25,3752
1968	-50,7063	10,135	65,4414	44,1995
1972	86,084	237,593	102,966	59,6235
1976	142,446	134,796	144,637	

ZCMJPAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCMJPAO = PCMJP\*PIJP-XJRP\*PCMAO\*CP1AO

1960	4970,72	5040,8	3229,41	12061,3
1964	6098,92	10660,7	9872,2	5851,4
1968	9225,41	7054,61	10459,2	6143,78
1972	15288,7	28780,	15766,	21606,1
1976	34588,4	28701,	19799,	

ZCOAFUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCOAFUS = PCOAF\*CP1AF-PCOUS\*WPIUS

1960	51,3298	54,0499	-9,9502	77,9598
1964	62,4297	72,7901	43,3801	42,3203
1968	46,3	101,16	65,1899	85,9099
1972	68,3101	59,0901	-235,9	127,15
1976	0,319824	57,0903	106,165	

ZCOAOUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCOAOUS = PCOAO\*CP1AO-XKPU\$\*PCOUS\*WPIUS

1960	1191,67	940,067	977,312	559,469
1964	1061,95	912,304	1773,97	1477,4
1968	743,876	2140,25	2665,87	1584,08
1972	2055,07	4203,37	2432,7	10500,4
1976	5673,33	4777,75	6700,2	

ZCOECBZ = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCOECBZ = PCOEC\*PIEC-XECBZ\*PCOBZ\*CP1BZ

1960	-2147,42	-1176,28	-516,515	-740,896
1964	-1021,44	-713,866	-709,852	-767,528
1968	-597,621	-663,156	-378,567	-442,001
1972	-673,567	82,2036	755,586	-614,464
1976	-629,491	-987,65	-833,971	

ZCOECUS = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCOECUS = PCOEC\*\*PIEC-XECUS\*PCOUS\*MPIUS

1960	64,5007	210,314	-31,5344	58,7153
1964	135,822	104,716	217,423	-27,2483
1968	102,926	144,162	342,143	254,399
1972	123,447	737,519	849,969	-210,765
1976	158,183	187,771	391,813	

ZCOJPUS = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCOJPUS = PCOJP\*\*MPIJP-XJPUS\*PCOUS\*MPIUS

1960	47059,4	34923,6	34628,8	32817,2
1964	29545,4	32580,3	16077,7	18900,
1968	14439,7	-1556,44	20837,	8336,06
1972	15931,9	18944,4	-3465,69	40735,0
1976	17170,	21865,2	26265,4	

ZCPECAF = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCPECAF = PCPEC\*\*PIEC-XECUS\*PCPAF\*CPIAF

1960	136,312	69,2207	115,405	122,981
1964	110,334	107,721	60,3567	177,016
1968	107,174	150,156	147,77	36,1907
1972	101,911	535,386	722,247	81,1357
1976	229,909	327,08	329,467	

ZCPECAO = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCPECAO = PCPEC\*\*PIEC-XECP\*PCPAO\*FPIAO

1960	18,5254	-91,2192	173,309	191,631
1964	213,804	256,643	190,165	179,721
1968	142,504	129,698	227,774	192,552
1972	146,12	255,361	475,378	29,2336
1976	259,949	219,007	277,122	

ZCPJPAD = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCPJPAD = PCPJP\*\*PIJP-XJPPP\*PCPAO\*FPIAO

1960	1046,94	-10919,7	11795,2	12623,5
1964	14152,4	13402,9	13549,1	6547,67
1968	7305,06	5465,75	17958,5	16825,3
1972	8771,93	-9897,86	20835,1	4695,25
1976	8065,21	16913,3	12066,1	

ZCSECAF = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCSECAF = PCSEC\*\*PIEC-XECUS\*PCSAF\*CPIAF

1960	86,8706	84,0764	69,3599	121,456
1964	153,553	154,126	148,61	105,649
1968	69,0608	129,988	172,094	121,215
1972	91,9028	223,706	224,13	75,1006
1976	318,655	724,296	225,906	

ZCSECAO = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCSECAO = PCSEC\*\*PIEC-XECP\*PCSAO\*FPIAO

1960	12,0574	74,7988	9,72705	26,166
1964	27,5652	46,0129	2,82837	-24,7092
1968	18,1335	-117,183	-57,5754	-34,2104
1972	-49,9146	-27,4658	-38,8369	66,1575
1976	167,231	507,921	18,7109	

ZCSECUS = DATE REVISED: 1/06/81  
ANNUAL DATA FROM 1960 TO 1978

ZCSECUS = PCSEC\*\*PIEC-XECUS\*PCSUS\*PPIUS

1960	240,57	222,187	139,767	167,73
1964	180,2	222,849	224,743	112,249
1968	128,197	140,351	223,373	160,009
1972	126,698	361,393	264,417	46,8235
1976	300,036	740,98	326,765	

ZCSJPUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZCSJPUS = PCSJP\*PIJP\*XJPUR\*PCSUS\*PIIUS

1960	10815.7	14083.6	8161.87	7709.53
1964	6340.01	9747.6	13430.9	6645.48
1968	9334.68	8463.56	13119.6	14129.5
1972	8473.04	20762.5	24657.4	18523.8
1976	17330.1	17164.7	20156.5	

ZKMECAF - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZKMECAF = PKMEC\*PIEC=XECUS\*PKMAF\*CP1AF

1960	50.1443	42.6147	119.043	-79.0259
1964	52.4415	159.859	88.231	14.1636
1968	56.6602	34.4229	79.6259	25.2078
1972	54.9523	68.0469	26.739	-7.41382
1976	29.5935	-7.01196	-21.8435	

ZKMECAO - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZKMECAO = PKMEC\*PIEC=XECMR\*PKMAO\*CP1AO

1960	9.89453	-8.14628	31.2573	45.5969
1964	17.1011	53.0374	45.5461	-25.5864
1968	36.6663	14.6553	45.0874	24.3217
1972	5.04956	70.3521	39.8503	30.3437
1976	64.7983	57.6479	30.4553	

ZKOCNAO - DATE REVISED: 2/10/81  
ANNUAL DATA FROM 1960 TO 1978

ZKOCNAO = PKOCN\*PICN=XCNMR\*PKOAO\*CP1AO

1960	42.4945	59.9352	-11.033	90.5006
1964	52.395	43.1133	46.6583	26.6716
1968	39.2268	5.64575	51.5576	50.2456
1972	2.49808	15.5752	293.8	88.1748
1976	-72.0605	32.1128	43.7107	

ZKDECAF - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZKDECAF = PKDEC\*PIEC=XECUS\*PKDAF\*CP1AF

1960	12.6011	73.6521	121.399	461.174
1964	344.475	353.032	127.903	127.151
1968	185.962	186.226	219.544	-98.1069
1972	-83.2954	429.036	708.03	-174.117
1976	129.561	501.769	663.066	

ZKDECAO - DATE REVISED: 2/10/81  
ANNUAL DATA FROM 1960 TO 1978

ZKDECAO = PKDEC\*PIEC=XECMR\*PKOAO\*CP1AO

1960	119.924	172.029	-120.028	323.454
1964	178.701	191.733	285.729	64.9236
1968	190.627	129.752	240.961	-40.3921
1972	-11.9463	270.783	1655.29	-0.967285
1976	152.91	280.516	427.095	

ZKOUSAF - DATE REVISED: 10/23/80  
ANNUAL DATA FROM 1960 TO 1978

ZKOUSAF = PKOUS\*XUSMR\*PKOAO

1960	154.325	131.687	-59.1153	45.5387
1964	-3.7666	-33.6731	26.4639	-13.8496
1968	-9.57373	-45.8677	-253.528	-322.194
1972	-320.595	-629.302	-1416.99	-994.404
1976	-914.325	-1193.57	-1554.54	

ZKOUSAO - DATE REVISED: 2/10/81  
ANNUAL DATA FROM 1960 TO 1978

ZKOUSAO = PKOUS\*PIIUS\*XUSMR\*PKOAO\*CP1AO

1960	46.8921	51.2065	-9.75119	83.1644
1964	47.9076	36.313	80.17	51.0538
1968	81.3682	45.4055	76.5933	5.47974
1972	14.6684	85.2373	268.574	10.3901
1976	-2.62622	210.105	200.476	

ZMOCNAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZMOCNAO = PMOCN\*\*PICN-XCMHR\*PHOAN\*CPJAO

1960	-367,924	-416,685	-415,367	-412,363
1964	-459,269	-547,333	-451,932	-437,688
1968	-381,231	-406,228	-463,287	-476,343
1972	-337,302	-447,247	-482,924	-617,47
1976	-512,886	-752,604	-560,329	

ZMOECAF = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZMOECAF = PHOEC\*\*PIEC-XECUS\*PHDAF\*CPJAF

1960	402,315	266,94	265,272	334,454
1964	351,509	309,029	260,519	267,106
1968	119,677	223,347	162,908	66,7251
1972	11,5464	-276,804	-566,805	-486,707
1976	-301,459	-690,696	-864,812	

ZMOECAU = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZMOECAU = PMOEC\*\*PIEC-XECHR\*PHOAO\*CPJAO

1960	-1449,19	-1462,14	-1392,26	-1354,14
1964	-1571,48	-1648,43	-1572,66	-1551,61
1968	-1346,52	-1267,85	-1564,39	-1696,64
1972	-1222,69	-1715,8	-2600,	-2759,81
1976	-2019,69	-2773,31	-2112,62	

ZMOJPAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZMOJPAO = PMOJP\*\*PIJP-XJPHR\*PHOAO\*CPJAO

1960	-142230,	-120701,	-134202,	-130523,
1964	-147179,	-172352,	-140922,	-139639,
1968	-123398,	-127692,	-156005,	-155597,
1972	-95984,8	-107606,	-185132,	-177126,
1976	-146071,	-189419,	-96292,6	

ZMOUSAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZMOUSAO = PMOUS\*\*PIUS-XUSMR\*PHOAO\*CPJAO

1960	-356,318	-369,122	-323,905	-326,53
1964	-361,911	-453,256	-349,876	-335,277
1968	-245,094	-264,719	-396,078	-402,742
1972	-267,532	-408,858	-678,461	-527,491
1976	-482,645	-700,324	-467,027	

ZNMCAF = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNMCAF = PMNEC\*\*PIEC-XECUS\*PNMAF\*CPJAF

1960	95,7778	97,8091	108,005	115,071
1964	94,2268	90,0391	95,8945	89,1743
1968	50,6206	60,7963	68,1306	105,961
1972	116,076	223,193	269,767	320,731
1976	251,208	304,797	361,622	

ZNMECAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNMECAO = PMNEC\*\*PIEC-XECP\*PNMAO\*CPJAO

1960	135,131	136,501	136,116	153,922
1964	162,125	161,565	176,004	182,35
1968	169,404	196,906	154,514	144,289
1972	157,926	335,557	249,177	263,717
1976	215,463	263,604	318,886	

ZNMJPAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNMJPAO = PMNJP\*\*PIJP-XJPPP\*PNMAO\*CPJAO

1960	6375,57	10367,2	6375,52	3217,42
1964	9267,05	11712,5	7247,52	10465,5
1968	13537,5	17129,5	15905,6	9615,75
1972	14980,8	24475,1	15522,6	10135,6
1976	14617,5	16697,9	23372,2	

ZNOCAO - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNOCAO = PNOCA\*PICA-XCNPP\*PNOAO\*CPICAO

1960	-60,5703	-111,501	5,89977	10,5826
1964	31,1548	32,4348	29,1602	-13,5161
1968	12,7278	11,9915	46,6577	77,9876
1972	18,105	-90,6301	22,9673	92,238
1976	-15,4075	-70,4773	-61,2739	

ZNOCAF - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNOCAF = PNOEC\*PIEC-XECUS\*PNOAF\*CPICAF

1960	98,1688	52,7725	8,38721	259,657
1964	180,315	93,2905	17,5845	217,642
1968	136,229	83,239	-175,058	-100,869
1972	-341,187	354,71	794,54	-181,123
1976	02,2071	148,479	281,477	

ZNOCAO - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNOCAO = PNOEC\*PIEC-XECPP\*PNOAO\*CPICAO

1960	-155,54	-312,948	162,853	169,348
1964	170,306	183,304	28,7737	74,5691
1968	101,601	17,4314	251,78	247,95
1972	134,55	200,694	124,475	97,0781
1976	97,3376	-152,643	96,5322	

ZNOJPAO - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNOJPAO = PNOJP\*PIJP-XJPPP\*PNOAO\*CPICAO

1960	-21474,9	-37337,0	10695,7	13683,1
1964	14097,6	10411,4	4635,94	20091,2
1968	-1452,87	-876,5	12757,1	28369,5
1972	3111,7	-15723,6	16576,8	3576,
1976	-0523,81	-15900,6	-1270,31	

ZNOUSAO - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZNOUSAO = PNOUS\*PIUS-XUSPP\*PNOAO\*CPICAO

1960	-3,14014	-63,9530	29,6212	26,776
1964	37,0059	37,9199	30,9176	-10,5161
1968	54,6099	-0,921675	74,0588	69,0699
1972	50,24	-60,7419	160,947	185,41
1976	18,6657	-24,6702	6,81201	

ZPKCAF - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPKCAF = PPKEC\*PIEC-XECUS\*PPKAF\*CPICAF

1960	-75,4687	44,7104	71,2986	72,0568
1964	55,3037	40,6016	26,0664	133,922
1968	68,5259	47,7417	53,4143	0,63916
1972	-13,9068	250,152	368,384	84,4526
1976	207,302	112,412	175,496	

ZPKCAO - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPKCAO = PPKEC\*PIEC-XECMR\*PPKAO\*CPICAO

1960	47,4336	140,281	170,026	164,618
1964	129,304	181,478	132,882	216,545
1968	194,675	145,288	119,033	110,83
1972	141,978	441,099	445,363	189,373
1976	236,606	289,141	316,714	

ZPMCAF - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPMCAF = PPMEC\*PIEC-XECUS\*PPMAF\*CPICAF

1960	103,963	87,1412	106,694	90,5505
1964	97,6126	82,0707	92,8116	68,6899
1968	27,9478	68,0283	57,3943	31,9128
1972	126,566	357,59	45,6826	83,1831
1976	175,203	69,6653	135,867	

ZPMECAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPMECAU = PPMEC\*MPIEC-XECRP\*PPMAD\*CPID

1960	66,4292	29,6665	60,386	110,236
1964	117,966	179,432	119,337	76,8726
1968	81,7037	65,4302	-2,85474	60,6762
1972	118,814	366,358	110,076	88,3987
1976	179,314	109,978	117,771	

ZPMECBZ = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPMECBZ = PPMEC\*MPIEC-XECBZ\*PPMBZ\*MPIBZ

1960	-1019,71	-68,221	-351,306	-193,741
1964	-46,6206	64,075	21,3599	53,54
1968	17,6147	71,4978	55,7803	48,325
1972	84,4561	152,382	108,814	67,6848
1976	64,01	121,262	128,912	

ZPMECUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPMECUS = PPMEC\*MPIEC-XECUS\*PPMUS\*MPIUS

1960	101,277	76,8091	79,8496	73,6618
1964	96,0725	130,089	44,3286	6,60254
1968	10,6211	22,9321	62,7068	34,1226
1972	117,007	552,54	-46,6013	1,99561
1976	55,3308	-58,9648	68,0869	

ZPNECAF = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPNECAF = PPNEC\*MPIEC-XECUS\*PPNAF\*CPID

1960	46,311	72,6392	13,5623	26,2146
1964	39,4075	61,3892	17,9338	27,8921
1968	37,9319	73,8042	89,7073	107,238
1972	37,3354	239,789	382,168	8,0376
1976	76,1052	25,9604	24,396	

ZPNECAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPNECAO = PPNEC\*MPIEC-XECRP\*PPNAO\*CPID

1960	135,627	60,7039	-5,62158	36,2793
1964	7,70996	174,81	27,2263	-130,758
1968	-5,00806	48,9189	-45,1648	16,7817
1972	77,1526	290,314	583,017	480,87
1976	439,293	461,56	649,891	

ZPNECBZ = DATE REVISED: 11/21/80  
ANNUAL DATA FROM 1960 TO 1978

ZPNECBZ = PPNEC\*MPIEC-XECBZ\*PPNBZ\*PPIBZ

1960	94,0549	193,148	226,433	218,251
1964	27,4585	260,332	204,913	214,294
1968	117,109	239,517	271,119	286,328
1972	319,796	323,147	678,066	416,82
1976	336,345	296,309	345,179	

ZPNECUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPNECUS = PPNEC\*MPIEC-XECUS\*PPNUS\*PPIUS

1960	-280,001	-313,612	-479,495	-472,891
1964	-456,448	-392,26	-462,467	-469,165
1968	-515,774	-437,867	-371,975	-335,004
1972	-392,277	-86,9709	335,009	-165,266
1976	-370,362	-65,291	14,2053	

ZPPOAUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPPOAUS = PPOAO\*CPID\*XPUS\*PPOUS\*PPIUS

1960	369,208	536,731	53,2969	372,733
1964	1114,17	691,208	2027,42	1727
1968	936,65	2067,42	2366,32	1322,19
1972	1487,14	3351,17	1532,47	-866,464
1976	-1316,63	2115,58	1692,16	



ZPOECAF = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPOECAF = PPOEC\*PIEC-XECUS\*PPOAF\*CPIAF

1960	-117,156	-95,1274	-268,086	-228,162
1964	-96,1973	-35,0449	-104,837	-205,635
1968	27,6514	83,7292	144,563	199,072
1972	224,399	539,366	558,36	349,994
1976	143,259	242,699	779,194	

ZPOECBZ = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPOECBZ = PPOEC\*PIEC-XECBZ\*PPOBZ\*CPIBZ

1960	-2412,29	-1620,7	-844,807	-1142,56
1964	-2097,59	-1277,15	-1505,23	-1220,19
1968	-1075,51	-891,534	-644,689	-715,379
1972	-607,044	-213,674	577,202	-612,513
1976	-149,579	-807,919	-188,678	

ZPOECUS = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZPOECUS = PPOEC\*PIEC-XECUS\*PPOUS\*MPIUS

1960	58,6431	28,2108	-466,471	-124,806
1964	292,911	27,6028	22,6406	-6,12842
1968	-29,0186	165,622	187,252	238,324
1972	183,688	474,238	835,637	-280,479
1976	-13,4912	424,242	1075,92	

ZRMECAF = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZRMECAF = PRMEC\*PIEC-XECUS\*PRMAF\*CPIAF

1960	56,2909	68,4764	11,1604	56,3545
1964	16,3933	-1,67041	1,71313	26,5334
1968	40,2493	54,3773	2,33522	52,849
1972	107,128	164,797	39,6338	36,2651
1976	59,1436	97,1738	122,669	

ZRMECAU = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZRMECAU = PRMEC\*PIEC-XECRP\*PRMAU\*CPIAU

1960	41,4573	-25,0498	-15,0363	6,43945
1964	-88,887	-13,083	17,2563	-14,9226
1968	-39,2002	-42,1208	-26,4608	-2,01978
1972	35,1904	288,894	56,4126	21,7961
1976	132,425	133,565	104,609	

ZRMECCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZRMECCN = PRMEC\*PIEC-XECCN\*PRMCN\*MPICN

1960	20,188	3,58498	16,4402	26,8701
1964	35,1465	37,0305	29,3709	75,1004
1968	30,347	-11,2998	-24,4423	38,4697
1972	-127,407	195,503	117,041	98,9871
1976	116,03	130,363	128,974	

ZRMJPAO = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZRMJPAO = PRMJP\*PIJP-XJRP\*PRMAO\*CPIAO

1960	6678,52	7962,8	7820,2	15751,3
1964	1579,64	9313,31	12211,	1766,19
1968	-49,793	4752,2	11134,6	5695,24
1972	8884,49	21284,3	3556,4	7108,04
1976	26247,8	27353,8	13332,	

ZROAFCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZROAFCN = PROAF\*CPIAF-PROCN\*MPICN/XCNUS

1960	101,291	119,621	42,4804	15,69
1964	37,2046	20,3832	-21,5665	41,1626
1968	13,7869	45,1004	44,0564	45,9709
1972	-23,0251	100,229	213,126	-100,193
1976	-110,196	115,915	124,353	

ZK0AOCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZK0AOCN = PROAD\*CP1AD\*XRPCN\*PRDCN\*PICN

1960	982,059	908,101	1281,26	1150,34
1964	2073,87	1870,89	1935,14	2857,69
1968	2013,57	2430,2	3047,3	2007,48
1972	3182,19	4357,46	5188,69	5792,99
1976	6771,15	6203,1	6433,88	

ZK0ECCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZK0ECCN = PHOEC\*NPIEC\*XECCN\*PRGCN\*PICN

1960	-4,25659	87,0054	-46,3069	-11,2546
1964	104,603	82,6428	1,84668	-152,582
1968	-289,747	-60,0688	-34,7654	66,8291
1972	-110,197	364,453	778,214	-780,628
1976	-425,125	150,839	167,519	

ZR0JPCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZR0JPCN = PROJP\*PIJP\*XJPCN\*PRGCN\*PICN

1960	90459,8	40976,5	22740,2	98292,2
1964	20055,1	14599,9	10703,1	10510,1
1968	2444,	3039,56	2939,	6949,75
1972	15267,5	-1060,62	31620,6	-4440,40
1976	-15732,9	39578,6	36998,6	

ZR5AFCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZR5AFCN = PR5AF\*CP1AF\*PRSCN\*PPICN/XCNUS

1960	58,8226	80,4583	125,792	104,064
1964	65,1193	39,5435	72,7693	51,9446
1968	40,8282	51,0174	51,419	53,4598
1972	164,411	52,62	47,3245	21,5215
1976	25,0111	13,5203	-3,05672	

ZR5AOCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZR5AOCN = PR5AO\*PIAD\*XRPCN\*PRSCN\*PPICN

1960	216,226	371,866	376,646	344,494
1964	416,572	295,614	403,417	907,029
1968	656,279	785,306	746,	825,151
1972	960,763	765,665	1034,76	-576,223
1976	47,5557	1390,24	939,034	

ZR8ECCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZR8ECCN = PR1EC\*NPIEC\*XUMFF\*YECCN\*PRSCN\*PPICN

1960	130,359	202,086	103,825	80,2122
1964	21,3628	9,56226	97,8374	57,1418
1968	102,536	140,641	156,695	134,712
1972	78,5129	244,213	300,549	-226,123
1976	24,9702	232,08	41,7461	

ZR5JPCN = DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZR5JPCN = PR5JP\*PIJP\*XJPCN\*PRSCN\*PPICN

1960	13943,4	11175,4	10163,8	10132,3
1964	7063,48	6852,61	7703,46	8371,77
1968	9403,32	11138,3	10032,2	12622,9
1972	9124,73	11284,4	20146,4	18079,
1976	10857,	16446,1	9160,78	

Z5BCNBZ = DATE REVISED: 1/28/81  
ANNUAL DATA FROM 1960 TO 1978

Z5BCNBZ = P5HCN\*PPICN/XCNUS/XECCN\*P5BXBZ\*PIRZ

1960	-1,29762	-19,6616	-9,1738	-9,06137
1964	2,70583	-0,80162	-20,5004	4,84648
1968	-0,841431	-6,62275	-8,45552	-12,8633
1972	-13,4438	-133,435	0,166659	23,9335
1976	-30,3032	-37,0092	-57,6684	

ZSBNCUS - DATE REVISED: 1/05/81  
ANNUAL DATA FROM 1960 TO 1978

ZSBNCUS = PSBNC\*PPTCN\*XCNU8\*PSBUS\*PPIUS

1960	-1,1346	-4,69029	-6,98122	-1,83534
1964	3,17166	1,36942	-1,68983	0,985443
1968	-0,44722	-6,88231	-1,15837	-3,59856
1972	-1,55051	-17,2967	6,09512	-15,22
1976	4,73935	-11,1047	-0,041412	

ZSBECBZ - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSBECBZ = PSBEC\*PIEC\*XECB7\*PSBXBZ\*WPIBZ

1960	87,8809	76,676	60,6392	74,1667
1964	74,1895	80,1028	65,3638	61,8396
1968	58,2034	57,0176	87,9075	45,3225
1972	62,3657	51,5298	217,627	49,856
1976	45,8162	12,9236	4,02466	

ZSBECUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSBECUS = PSBEC\*PIEC\*YECU8\*PSBUS\*PPIUS

1960	68,627	139,77	69,4072	102,769
1964	4,76,0342	88,6963	139,82	46,6311
1968	59,7041	56,0344	114,685	79,6875
1972	107,283	469,333	238,745	-82,3357
1976	156,791	84,1333	146,939	

ZSBJPBZ - DATE REVISED: 1/28/81  
ANNUAL DATA FROM 1960 TO 1978

ZSBJPBZ = PSBJP\*PPIJP\*XJPUR/YECU8\*XECBZ\*PSBXBZ\*WPIBZ

1960	8290,49	6379,5	6044,47	5789,69
1964	7973,6	8014,59	5296,84	10040,9
1968	7696,85	6993,84	6935,51	6580,84
1972	4985,26	-1762,5	16534,5	22867,8
1976	6064,93	8680,87	392,137	

ZSBJPUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSBJPUS = PSBJP\*PPIJP\*XJPUS\*PSBUS\*PPIUS

1960	6351,02	11699,5	6782,1	8195,91
1964	8128,76	9337,52	11500,7	8755,21
1968	7828,12	4907,25	9512,11	9790,5
1972	8623,71	13810,1	18295,8	11443,6
1976	16604,4	15221,3	11024,9	

ZSMCNUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSMCNUS = PSMCN\*PPTCN\*XCNU8\*PSMUS\*WPIUS

1960	20,2175	24,795	28,0153	26,7963
1964	24,3631	27,6645	40,0177	20,2956
1968	25,8051	25,6657	28,5251	28,792
1972	22,1648	11,3293	62,6951	37,0289
1976	65,3405	44,8245	61,6629	

ZSMECBZ - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSMECBZ = PSMEC\*PIEC\*XECBZ\*PSMXBZ\*WPIBZ

1960	95,0751	55,5383	73,8235	52,9834
1964	60,7488	71,0706	41,0876	63,6055
1968	52,6956	57,7256	74,511	46,9731
1972	80,7876	125,004	121,562	13,1235
1976	51,9053	41,8997	68,2156	

ZSMECUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSMECUS = PSMEC\*PIEC\*YECU8\*PSMUS\*WPIUS

1960	74,3914	60,6269	80,8354	53,1077
1964	45,96	71,1157	94,9136	47,4355
1968	50,3374	54,4629	62,037	57,9421
1972	114,392	178,359	79,2695	27,916
1976	109,636	25,6082	93,3489	

ZSMJPUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSMJPUS = PSMJP\*MPIJP\*XJPUS\*PSMUS\*MPIUS

1960	21930.2	19739.	15987.4	17227.6
1964	18866.4	21530.2	22371.8	19770.4
1968	21935.8	21822.2	21075.8	20449.2
1972	32261.8	35028.9	30573.5	25293.5
1976	42387.9	30676.3	29424.9	

ZSNAFUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSNAFUS = PSDAF\*CPIAF\*PSOUS\*MPIUS

1960	103.59	56.5498	41.63	39.3999
1964	68.8498	62.0398	61.3701	59.9999
1968	46.66	26.66	47.3198	52.8501
1972	59.4599	15.2798	24.89	82.8499
1976	95.55	66.9402	203.94	

ZSOAUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSOAUS = PSOAU\*CPIAU\*XAPUS\*PSOUS\*MPIUS

1960	557.349	339.771	499.157	444.728
1964	429.629	344.026	545.256	811.505
1968	476.105	458.075	85.2002	299.593
1972	746.343	213.602	173.625	1260.42
1976	1300.26	1379.2	1373.07	

ZSOCNUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSOCNUS = PSOCN\*WPICN\*XCNUS\*PSOUS\*MPIUS

1960	13.9609	20.1066	17.9482	16.7173
1964	15.621	21.6563	22.772	19.1911
1968	15.621	15.621	25.7515	44.1943
1972	59.9517	-55.6226	19.3079	114.239
1976	32.5583	46.3416	51.333	

ZSOECHZ - DATE REVISED: 1/24/81  
ANNUAL DATA FROM 1960 TO 1978

ZSOECHZ = PSOEC\*WPIEC\*XECBZ\*PSOXBZ\*CPIBZ

1960	445.525	392.761	415.103	412.967
1964	427.514	350.54	260.013	302.679
1968	290.608	275.014	312.866	303.087
1972	227.979	173.671	7.33423	-54.7725
1976	164.617	33.6479	108.221	

ZSNECUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSNECUS = PSOEC\*WPIEC\*XECUS\*PSOUS\*MPIUS

1960	179.743	161.297	77.2844	116.058
1964	204.591	88.0664	6.20703	-26.2781
1968	-26.7632	53.6045	166.414	89.178
1972	-69.3047	259.933	481.433	-389.862
1976	108.917	138.247	162.065	

ZSOJPUS - DATE REVISED: 1/08/81  
ANNUAL DATA FROM 1960 TO 1978

ZSOJPUS = PSMJP\*MPIJP\*XJPUS\*PSOUS\*MPIUS

1960	52682.2	27140.8	41039.6	23468.5
1964	2239.56	11256.8	16495.1	32133.7
1968	25095.6	47901.6	21351.7	8294.44
1972	21060.2	20350.1	39756.1	30240.8
1976	23100.9	2293.5	17146.7	

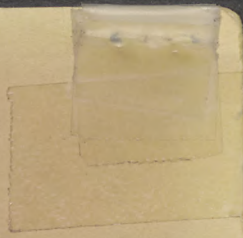
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Williams, Gary W..  
A World Oilseeds Data  
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Williams, Gary W..  
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