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# World Prices for the Detailed and Small FAP Commodity Lists

**Sichra, U.**

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# WORLD PRICES FOR THE DETAILED AND THE SMALL FAP COMMODITY LISTS

U. Sichra

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# FOREWORD

Understanding the nature and dimensions of the world food problem and the policies available to alleviate it has been the focal point of the IIASA Food and Agriculture Program (FAP) since it began in 1977.

National food systems are highly interdependent, and yet the major policy options exist at the national level. Therefore, to explore these options, it is necessary both to develop policy models for national economies and to link them together by trade and capital transfers. Over the years FAP has, with the help of a network of collaborating institutions, developed and linked national policy models of twenty countries, which together account for nearly 80 percent of important agricultural attributes such as area, production, population, exports, imports and so on. The remaining countries are represented by 14 somewhat simpler models of groups of countries.

To link various national policy models in international trade, consistency of units, prices and valuation has to be maintained. World market prices for agricultural products depend on a variety of factors, such as quality, nature of the contract, time of the year, etc. A notion of world market prices suitable for our analysis and level of aggregation had to be defined. World market prices were computed for the historical period based on this notion.

In this paper, Ulrike Sichra documents the notion of computational procedures and the world market prices for agricultural commodities so computed for various levels of aggregation.

Kirit S. Parikh
Program Leader
Food and Agriculture Program.

## ACKNOWLEDGEMENTS

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# World Prices

## for the Detailed and the Small FAP Commodity Lists

*Ulrike Sichra*

## 1. NOTION

Within the FAP modeling work there is a need for prices at different levels of aggregation (27 commodities and 16 commodities), so that processing margins, trading margins, etc., can be derived from them and also to ascertain whether trade in certain products is being subsidized in certain countries. The world prices should satisfy the following conditions in order to be included in the FAP country models:

- have as basis the national exports prices (in each country, for each commodity, the quotient of export value by export quantity);

- allow for positive processing and trading margins when compared to the national export, import and producer prices, even at the most aggregate level.

The methods applied to calculate the prices differed slightly, depending on the level of aggregation for which it was done (original FAO commodities, main FAO commodities, commodities of the detailed and small FAP commodity list).

## 2. METHODS

At the two lowest levels of aggregation, i.e. original FAO commodities (600) and main FAO commodities (260) the following method to calculate the world prices was applied:

take for each commodity the national ratio of export value by export quantity, but only for those countries which contribute at least x% (x=3 was chosen) to the "world" total exports, and from these ratios select the smallest price not equal to zero (sum of all countries included in the calculation).

In mathematical notation:

$$pwe(j) = \min_{k=1}^{N} pe^k(j)$$

subject to:

$$pe^k(j) = \frac{ve^k(j)}{qe^k(j)} \quad \text{and} \quad qe^k(j) \geq \frac{x}{100} \cdot \sum_{l=1}^{N} qe^l(j)$$

where:

pwe(j)   = world export price for commodity j

$pe^k(j)$   = export value of country k, commodity j

$ve^k(j)$   = export value of country k, commodity j

$qe^k(j)$   = export quantity of country k, commodity j

N       = number of countries that compete for the minimum

By this method one arrives at 2 groups of prices, depending on the aggregation level:

orpwe(j), j $\in N^{600}$

$N^{600}$ = 600 original FAO commodities

which are prices that do not include processing costs at the original product level (e.g. wheat, rice paddy, potatoes, etc.), but for each derived product the corresponding processing is included (e.g. in flour of wheat, rice milled, tomato juice, etc.), and

agpwe(j). $j \in N^{260}$ and $N^{260} \subset N^{600}$

$N^{260} = 260$ main FAO commodities

which are only prices at the original product level, but which include process-ing costs for all derived products. The processing costs are included here due to the aggregation pattern used (Fischer and Sichra, 1983).

In Appendix B1 to B4 lists are presented which indicate, for each commo-dity, the country whose price is the smallest price, and the corresponding price for each year of the time series. In Appendix B1 the non aggregated commodi-ties between 1961 and 1976 are shown, in Appendix B2 the same commodities between 1966 and 1981 (or 1980 in most cases) are given. Appendices B3 and B4 show the corresponding figures after the first aggregation step, i.e the process-ing costs are included. Appendices B1 and B4 are only meant as a reference and will be too detailed for most applications.

If one lists only the countries which have the smallest price, leaving out the price itself, the patterns of market influence of countries for the various commodities can be recognized. Appendices C1 to C4 show these patterns. Appendix C1 has the pattern for original commodities without processing between 1961 and 1976, Appendix C2 between 1966 and 1981. This last year will be disregarded in the calculations and plots that follow, as this year is not covered by all countries and all commodities. Appendices C3 and C4 give the corresponding pattern at the first aggregation level, i.e. with processing costs included.

The codes shown in the above appendices can be deciphered in Appendix D (commodity codes and text), and Appendix E (country codes and text).

These price calculations have been made for all commodities in the same consistent way, except for rice paddy (0027). The main trade of rice products is

not in rice paddy, but in rice milled, or sometimes rice husked. Rice paddy has a higher export price than rice milled (probably because only high-quality varieties are traded, to be used for seed purposes). Therefore, in order to arrive at a "reasonable" rice price for the nonaggregated stage of the product (original 600 FAO commodities), the price of rice milled has been used whenever the price of rice paddy was needed.

The world prices for the commodities of the detailed FAP commodity list (27 commodities) and small commodity list (16 commodities) have been calculated in a similar way as the national producer prices for these commodities (Sichra, 1984), i.e.

$$pwe(i) = \frac{\sum_{l=1}^{N_i} qwe(l) \, *pwe(l)}{\sum_{l=1}^{N_i} qwe(l) \, * \, w(l)}, \quad i = 1,27; \quad i \neq 19$$

where:

pwe(i)   = world export price for commodity i

qwe(l)   = total "world" export quantity of commodity l

pwe(l)   = world export price for commodity l

w(l)     = aggregation weight for commodity l

Ni       = number of commodities l that aggregate to commodity i

Depending on the aggregation level of qwe(l) (original 600 FAO commodities or main 260 FAO commodities) and the choice of pwe(l) (orpwe(l) or agpwe(l) as described above) the resulting prices pwe(i) are different. Two of the four possible combinations are of interest:

- take qwe(1) after the first aggregation step (260 main FAO commodities) and set pwe(1) = agpwe(1); this results in prices that include processing costs; or

- take qwe(1) from the 600 FAO commodities (but aggregate only over the main commodities), and set pwe(1) = orpwe(1); this gives prices that only contain the raw material value and no processing.

The first set is called "prices with processing", agpwe(i), the second set "prices without processing", orpwe(i).

At this stage it is necessary to analyze both sets of prices (agpwe(i) and orpwe(i)) for the detailed FAP commodity list. The relative difference of both prices (for each commodity and each year) can be interpreted as processing margin of each commodity:

$$prm(i) = \frac{agpwe(i) - orpwe(i)}{orpwe(i)}$$

It is expected that $prm(i) \geq 0$ for all i and all years. This is not always the case. Some commodities still have a negative processing margin which can have many sources:

- The countries which contribute to the minimum price of a commodity need not be the same at the 600 and 260 commodity level; some products have large price fluctuations, which are sometimes noticeable only a year later due to the non-homogeneous statistics on trade across the countries (e.g. sugar);

- for some products the trade of the processed good is more significant than the one for the non-processed one (e.g. cassava);

- there might be countries who try to gain a market and "dump" the product at a very low price; etc.

Therefore, after carefully studying the ratios and the possible reasons for their deviation from "normal", i.e. the price without processing is lower than the price with processing, the world prices for the detailed FAP commodity list were selected. In Table 1 below one can see the commodities for which an exception has been made (not to take the price without processing) and for what reasons.

World prices for the small FAP commodity list are computed in a straight-forward way from the detailed FAP commodity list by aggregating the commodities as shown in Table 2, using export quantities as weights. The unit of measurement of each commodity in the small and detailed list is also shown in Table 2.

The price for non-agriculture (the 10th commodity) is calculated from export figures. It is the difference of current total exports and agricultural exports, divided by the difference of current exports and agricultural exports at constant 1970 values, i.e.

$$
pwe_t(10) = \frac{\sum_{j=1}^{C_1} EXT_{j,t} / exch_{j,t} - \sum_{i=1}^{N_1} \left[ \sum_{j=1}^{C_1} EXA_{j,t}(i) \right] * pwe_t(i)}{\sum_{j=1}^{C_1} EXT70_{j,t} / exch_{j,70} - \sum_{i=1}^{N_1} \left[ \sum_{j=1}^{C_1} EXA_{j,t}(i) \right] pwe_{70}(i)} * 10^3
$$

where

$pwe_t(10)$ = world price for the non agriculture, in year t

$EXT_{j,t}$ = total exports, country j, at current value, year t

Table 1. Combination of Original and Aggregated Prices

| commodity large FAP list | no | yes proc | reason |
|---|---|---|---|
| wheat | x | | |
| rice | x | | but p = q27*p31*0.67/ q27*0.67 |
| coarse grain | x | | |
| vegetable oil | x | | |
| protein feed | x | | |
| sugar | | x | is a processed product |
| bov+ov meat | | x | there is little trade in fresh meat, and the processing price also includes trade in offals |
| pork | x | | |
| poul+eggs | x | | |
| dairy prod | | x | most trade is done in butter, milk powder and cheese |
| veg+roots | | x | the raw material price is often higher than the price for the processed good |
| fruits+nuts | x | | |
| fishery prod | | x | the trade in fresh products is not representative |
| coffee | x | | |
| cocoa+tea | x | | |
| bev.of alcoh | x | | |
| fibers | | x | there is no trade in seed cotton, only linter, which has too low a price |
| indust.crops | x | | |
| bov+ov fat | x | | |
| pig fat | | x | it is not traded as such, but as "lard" (derived commodity) |
| poultry fat | | x | it is not traded as such but as "rendered" |
| fish oil | x | | |
| meat meal | x | | |
| fish meal | x | | |
| wool.+ hides | | x | the processed good is mainly traded |
| pig hides | | x | the smaller price was chosen |

$EXT70_{j,t}$ = total exports, country j, at constant 70 value, in year t

$exch_{j,t}$ = exchange rate, country j, year t in nc/US$

$exch_{j,70}$ = exchange rate, country j, year 1970 in nc/US$

$EXA_{j,t}(i)$ = agriculture exports volume, country j, commodity i, year t

Table 2. Small and Detailed FAP Commodity List

| detailed models 3001 - 3027 | | | simplified models 3501 - 3516 | | |
|---|---|---|---|---|---|
| commodity 30.. | | " good dim" | 35.. | commodity | dimension |
| 1 | wheat | (2)mt | 1 | wheat | (2)mt |
| 2 | rice | (2)mtm | 2 | rice | (2)mt milled |
| 3 | coarse grain | (2)mt | 3 | coarse grain | (2)mt |
| 4 | vegetable oil | (2)mt | 8 | other food | (1)1000$70 |
| 5 | protein feed | (2)mt pr | 7 | protein feed | (2)mt prot |
| 6 | sugar | (2)mt | 8 | other food | (1)1000$70 |
| 7 | bov+ov meat | (2)mt | 4 | bov+ov meat | (2)mt |
| 8 | pork | (2)mt | 6 | other meat | (2)mt protein |
| 9 | poultry+eggs | (2)mt pr | 6 | other meat | (2)mt protein |
| 10 | dairy prod | (2)mt | 5 | dairy prod | (2)mt milk |
| 11 | veget+roots | (1)1000$ | 8 | other food | (1)1000$70 |
| 12 | fruits+nuts | (1)1000$ | 8 | other food | (1)1000$70 |
| 13 | fishery prod | (2)mt pr | 6 | other meat | (2)mt protein |
| 14 | coffee | (2)mt | 8 | other food | (1)1000$70 |
| 15 | cocoa+tea | (1)1000$ | 8 | other food | (1)1000$70 |
| 16 | bev.of alcoh | (1)1000$ | 8 | other food | (1)1000$70 |
| 17 | fibres | (1)1000$ | 9 | industr.crops | (1)1000$70 |
| 18 | industr.crops | (1)1000$ | 9 | industr.corps | (1)1000$70 |
| 19 | non agricult | (1)1000$ | 10 | non agric | (1)1000$70 |
| reduction | | | reduction | | |
| 20 | 4 bov+ov fat | (2)mt | 11 | 8 bov+ov fat | (1)1000$70 |
| 21 | 4 pig fat | (2)mt | 12 | 8 other fat | (1)1000$70 |
| 22 | 4 poultry fat | (2)mt | 12 | 8 other fat | (1)1000$70 |
| 23 | 4 fish oil | (2)mt | 12 | 8 other fat | (1)1000$70 |
| 24 | 5 meat meal | (2)mt pr | 13 | 7 meat meal | (2)mt protein |
| 25 | 5 fish meal | (2)mt pr | 14 | 7 fish meal | (2)mt protein |
| 26 | 17 wool,hides | (1)1000$ | 15 | 9 wool,hides | (1)1000$70 |
| 27 | 17 pig hides | (1)1000$ | 16 | 9 pig hides | (1)1000$70 |

$pwe_t(i)$ = world price for commodity i, year t

$pwe_{70}(i)$ = world price for commodity i, year 1970

$C_j$ = number of countries which aggregate to "world" (FAP countries)

$N_i$ = number of agriculture commodities.

## 3. RESULTS

The calculated world prices can be presented in numerous groupings and ways. Here the following combinations have been chosen and plotted separately.

1. Nominal World Prices, i.e. prices as they are calculated, in "historical" time series, i.e. between 1961 and 1980.

2. Relative world prices, that is the world price of each commodity, divided by the non-agriculture price, giving an inflation-free view of the prices. Only historical numbers are presented (i.e. 1961-1980).

3. Exponential extrapolation of the nominal world prices until the year 2000, by fitting the 20 years between 1961 and 1980 with an exponential regression.

4. Linear extrapolation for the relative world prices series, by making a linear regression on the historical time series.

Each of the above four groups is arranged in the order of the small FAP commodity list. A subdivision into those commodities which constitute the detailed FAP list can be calculated as well. Also shown are four tables of time series. These are a combination of historical time series and extrapolated values, and should serve as reference for the plots mentioned above. The order of the commodities here follows the divisions into the small and detailed FAP commodity lists. The nominal prices are all given in current US$ per unit. The units are different depending on the commodity they refer to. In Table 2 above the various units can be seen.

### 3.1. Nominal World Prices

The historical world prices, as calculated with the methodology discussed above, all range between 40 and 4000 US$ per unit, except for "poultry and eggs" (and therefore "other meat") which go up to 10,000 US$ as the unit of measurement is mt protein.

The following plots show the development of these prices between 1961 and 1980. The x-axes start in 1960 for reasons of convenience, the actual curves only start in 1961. The first plot shows all 10 commodities in one chart. For this purpose the world price of "other meat" has been scaled down with 0.1 in order to make it comparable with the other prices. The next three graphs show, in somewhat larger scale, each of the 10 demand commodities of the small FAP commodity list. The unit for each price has to be taken from Table 2 as it is not always the same for the various curves on one chart.

Nominal World Prices for the 10 Demand Commodities of the Small FAP Commodity List.



10 COMMODITIES
WORLD PRICE IN S/UNIT



WHEAT RICE GRAINS DAIRY
WORLD PRICE IN S/UNIT

1 WHEAT   3  11/15/1984
2 RICE    3  11/15/1984
3 GRAINS  3  11/15/1984
5 DAIRY   3  11/15/1984



BOV.MEAT OTH.MEAT PRT.FEED
WORLD PRICE IN S/UNIT

4 BOV.MEAT   3  11/15/1984
6 OTH.MEAT   3  11/15/1984
39 PRT.FEED  3  11/15/1984



OTH.FOOD NON-FOOD NON-AG
WORLD PRICE IN S/UNIT

40 O.F-10   3  11/15/1984
41 N-F-10   3  11/15/1984
42 N-AG-10  3  11/15/1984
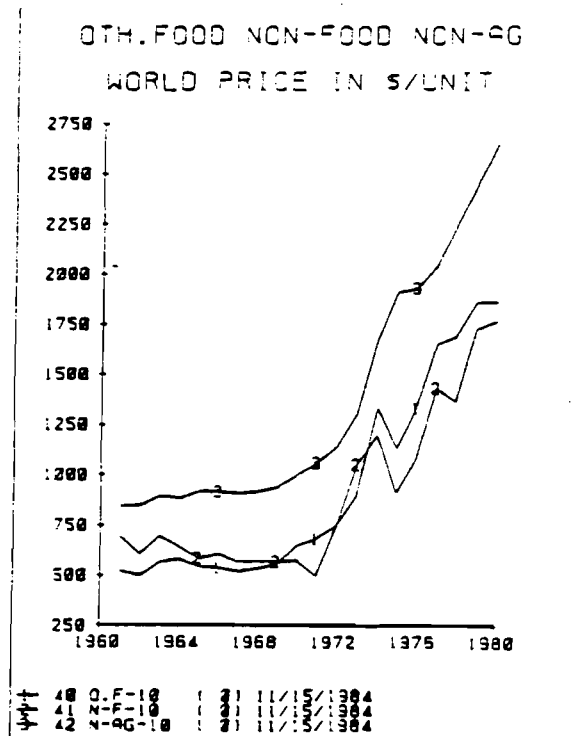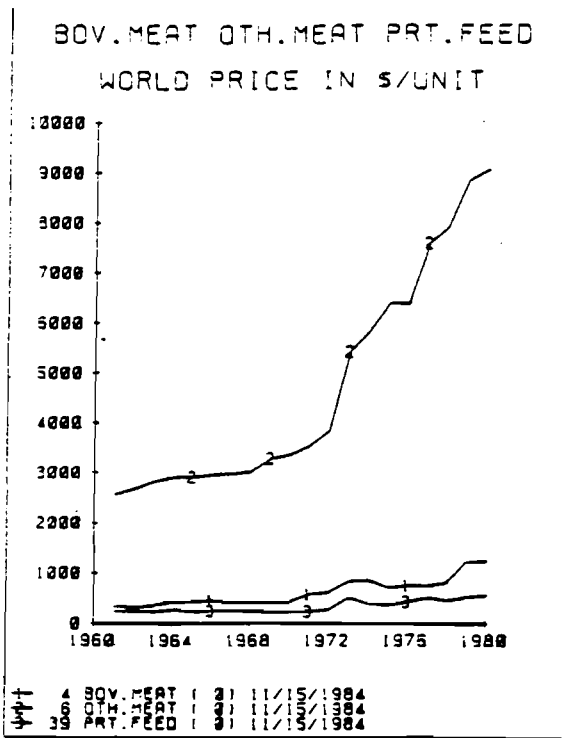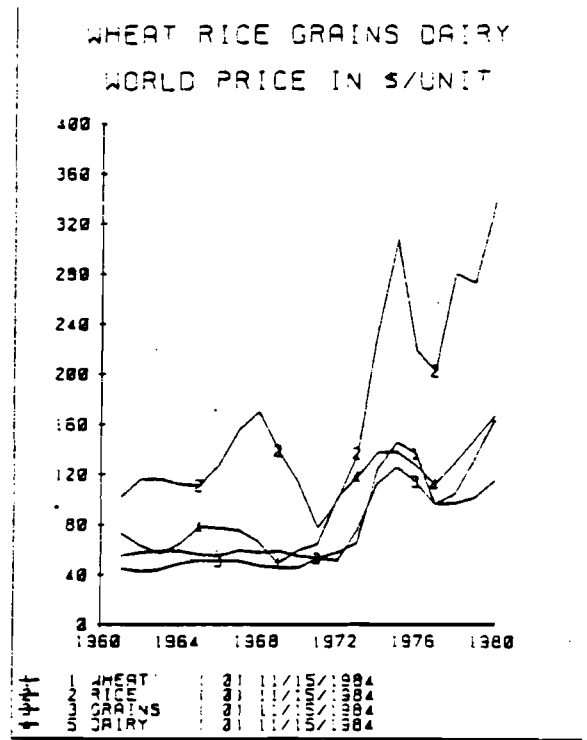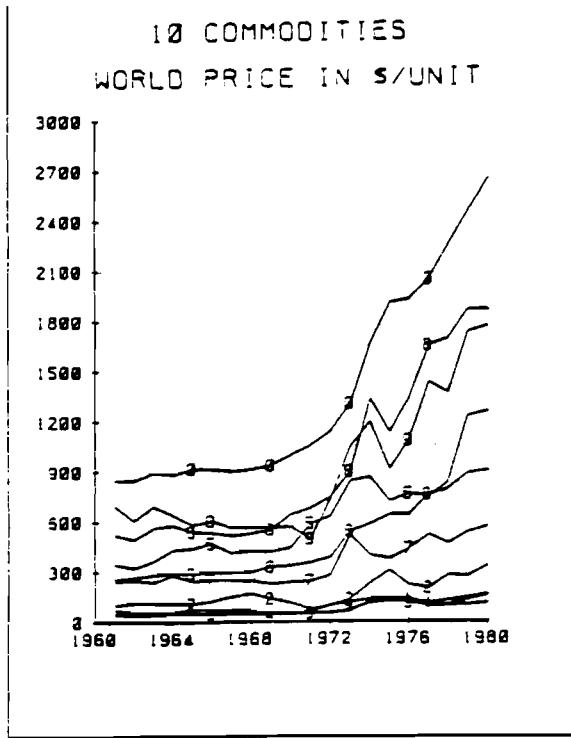
## 3.2. Relative World Prices

In the case of relative world prices the range of values lies between 0.04 and 0.8, except for "poultry and eggs" (and thus "other meat") which goes up to 5. These values are the ratio between world price in US$ per unit of each commodity and the price in US$ per 1000 $ 70 of the non-agriculture commodity (frequently called the 10th commodity). These figures thus exclude inflation and give a better picture of the world price development of each product.

The graphs for the relative world prices, except for the 10th commodity, which always would be 1. per definition, are shown next. The first plot gives an overview over all 9 commodities, with the 6th commodity ("other meat") scaled down with 0.1 in order to be able to show more details of the development of the other prices. The next plots are grouped in the same way as the nominal world prices.

Relative World Prices for 9 Demand Commodities of the Small FAP List.

## 9 COMMODITIES
### P( I )/P( NON-AG )



## WHEAT RICE GRAINS DAIRY
### P( I )/P( NON-AG )



17 WHEAT ( 3 ) 10/10/1984
18 RICE ( 0 ) 10/10/1984
19 GRAINS ( 3 ) 10/10/1984
21 DAIRY ( 3 ) 10/10/1984

## BOV.MEAT OTH.MEAT + PRT.FEED
### P( I )/P( NON-AG )



20 BOV.MEAT ( 0 ) 10/10/1984
22 OTH.MEAT ( 0 ) 10/10/1984
49 PRT.FEED ( 0 ) 10/10/1984

## OTH.FOOD NON-FOOD
### P( I )/P( NON-AG )



50 O.F-10 ( 0 ) 10/10/1984
51 N-F-10 ( 0 ) 10/10/1984
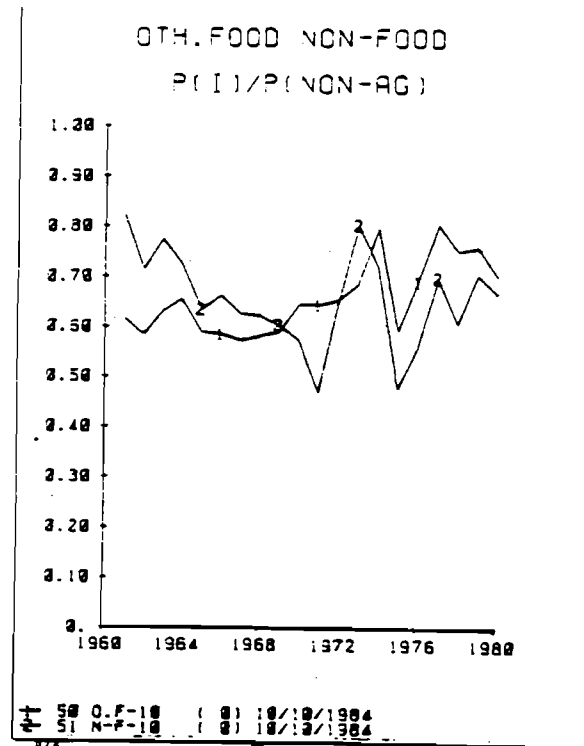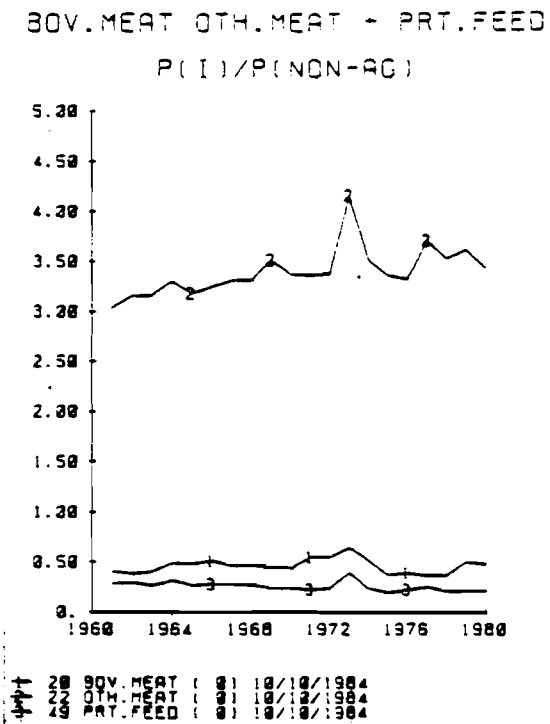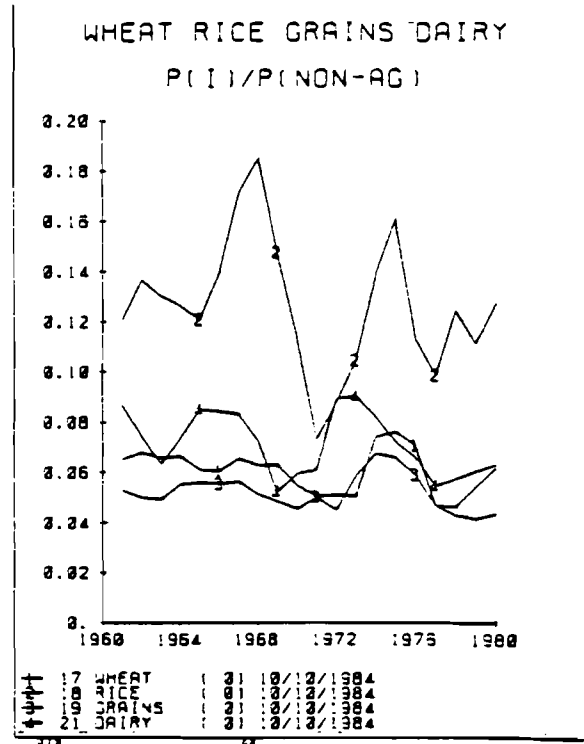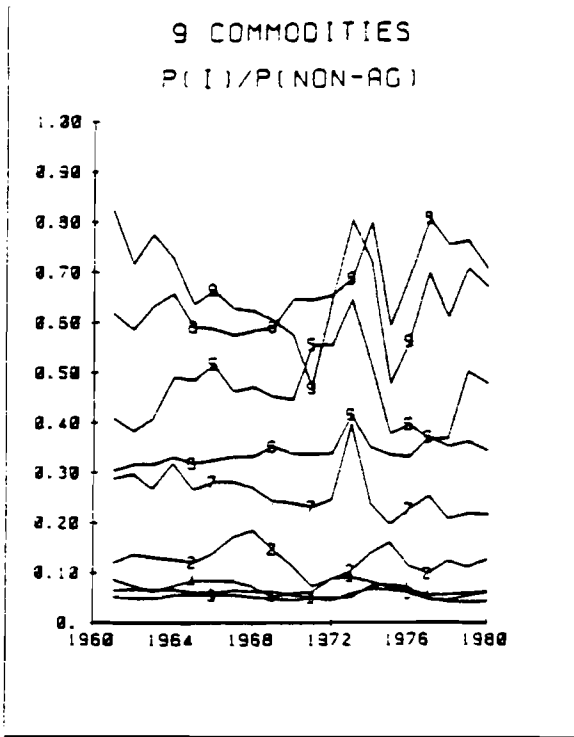
### 3.3. Exponential Extrapolation

In the next series of graphs the previously shown nominal prices are plotted again, in conjunction with values from the exponential regression

$$wp(t) = a * exp (b*t), \ t = 1961 \text{ to } 1980$$

for each commodity and extrapolated to the year 2000. The arrangement of the commodities follows the previously discussed mode.

As would be expected, the trend is highly exponential and in numerous cases the price for the year 2000 does not even fit on the chart. The plots are mainly meant as reference to compare results from simulation runs or forecasts from other sources.

It can be seen immediately that the fit is generally poor, which is also reflected in the control values of the regression calculations. The large fluctuations and changes in direction between 1967 and 1975 are hard to fit.

Exponential regression and Extrapolation of the Nominal World Prices (61-80).



WHEAT
WORLD PRICE IN $/MT

RICE
WORLD PRICE IN $/MT-M

COARSE GRAINS
WORLD PRICE IN $/MT

BOV-OV. MEAT
WORLD PRICE IN $/MT

DAIRY
WORLD PRICE IN $/MT
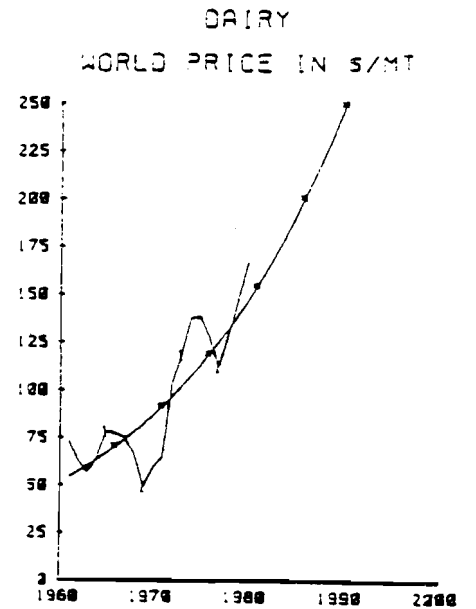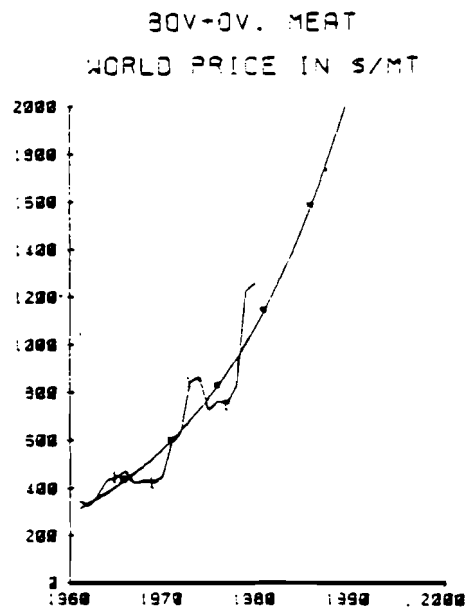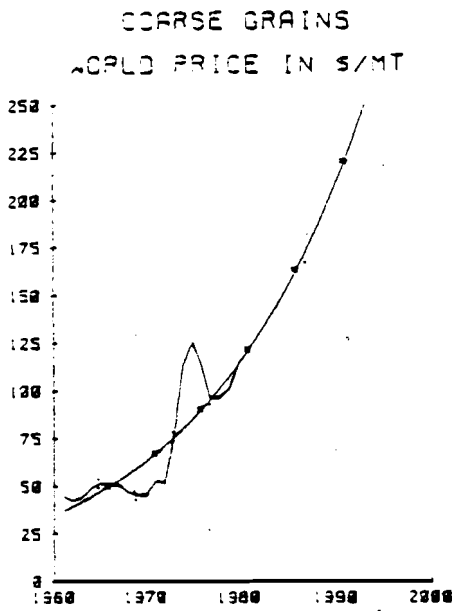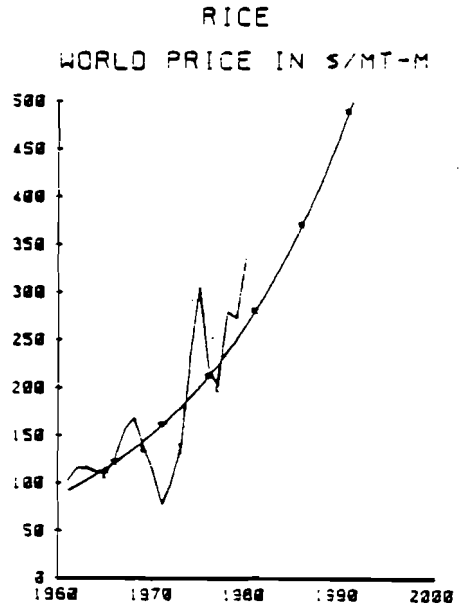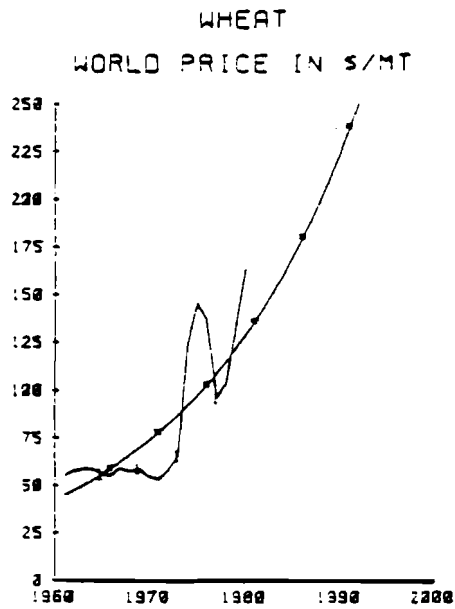
... continued ...

### OTH.MEAT
### WORLD PRICE IN $/MT-PROT
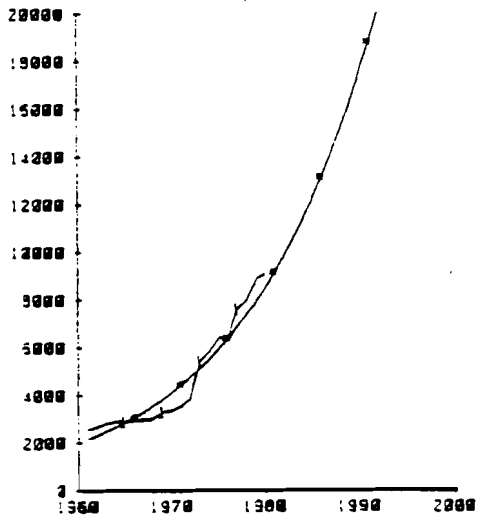
### PRT.FEED(10)
### WORLD PRICE IN $/MT-PROT
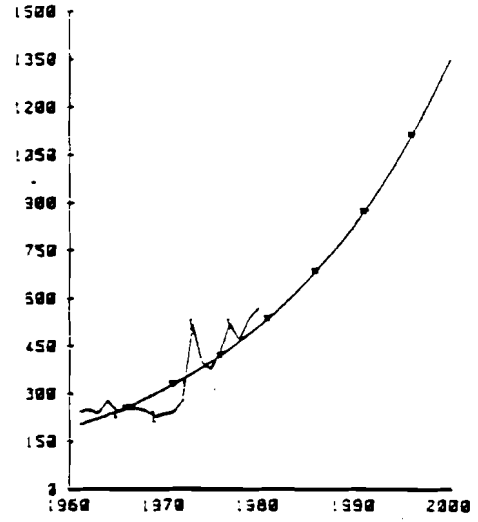
### OTH.FOOD(10)
### WORLD PRICE IN $/1000 $70
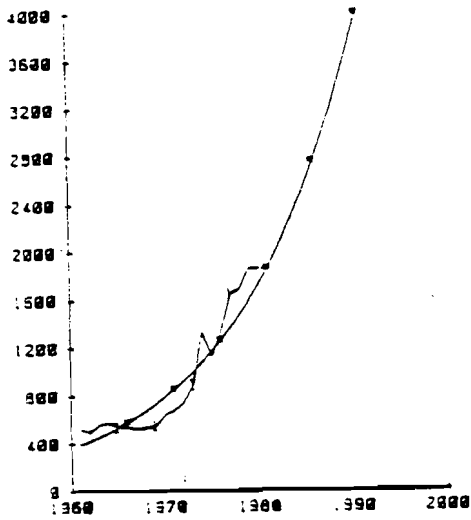
### NON-FOOD(10)
### WORLD PRICE IN $/1000 $70
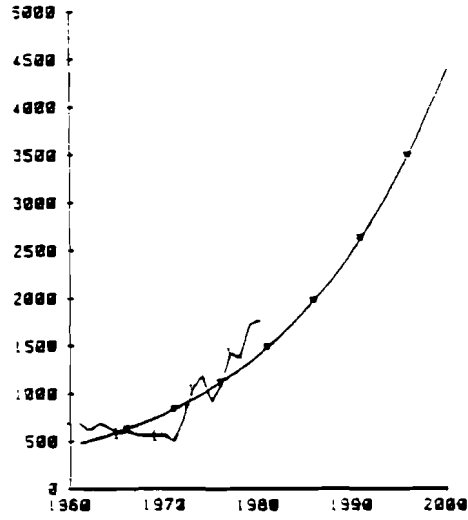
### NON-AG
### WORLD PRICE IN $/1000 $70
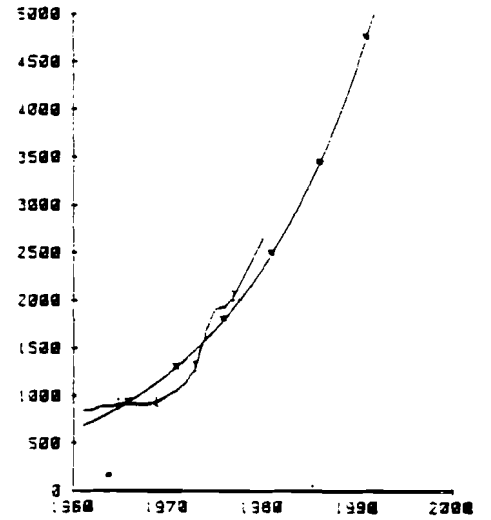
### 3.4. Linear Extrapolation

For the relative world prices the linear regressions

$$wp(t) = a + b*t, \; t = 1961 \text{ to } 1980$$

were calculated and with the coefficients a and b all years until 2000 were extra-polated. A linear function, instead of the previous exponential one was taken, as it seems to reflect better the trend, although the fit is still rather poor.

Also here the non-agriculture sector has been left out as it would only show flat 1's. For reasons of clarity the y-scale is varying in order to show better the fluctuations over time of the "historical" relative world prices.

It can be seen that the prices between 1961 and 1970 fluctuate very much. This certainly has an influence on the projected linear trend. If one leaves out the first 10 years in the linear regression, and only takes values between 1971 and 1980, a change in trend direction can be noticed for some commodities;

- wheat and non-food become positive;

- rice becomes strongly positive;

- bovine and ovine meat changes from positive to negative trend.

- dairy, other meat, protein feed and other food do not change direction.

These plots are shown below. The observed years between 1961 and 1969 are also drawn although they are not included in the regressions. The changed trend behavior is even more noticeable in the plots of the detailed commodity list, not shown here.

Linear Regression and Extrapolation of the Relative World Prices (61-80).

WHEAT
P[ I ]/P( NON-AG )
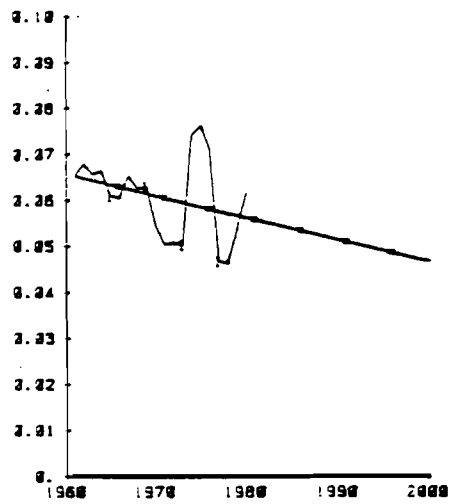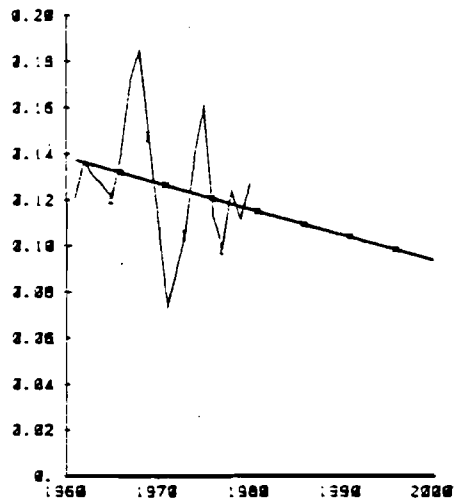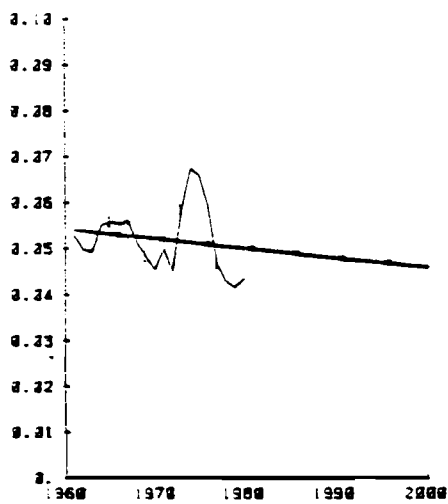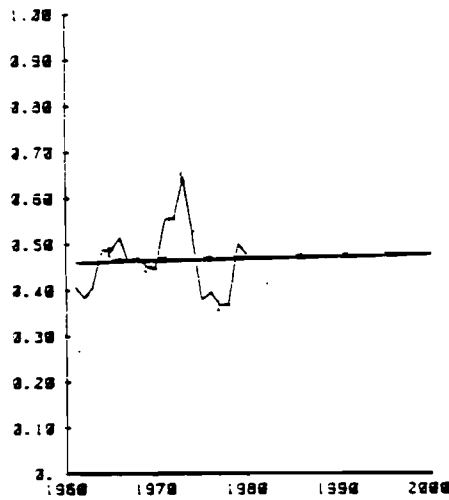
RICE
P[ I ]/P( NON-AG )

COARSE GRAINS
P( I )/P( NON-AG )

BOV+OV MEAT
P( I )/P( NON-AG )

DAIRY
P( I )/P( NON-AG )

... continued ...

OTH.MEAT

P( I )/P( NON-AG )



PRT.FEED( 10 )

P( I )/P( NON-AG )



OTH.FOOD( 10 )

P( I )/P( NON-AG )



NON-FOOD( 10 )
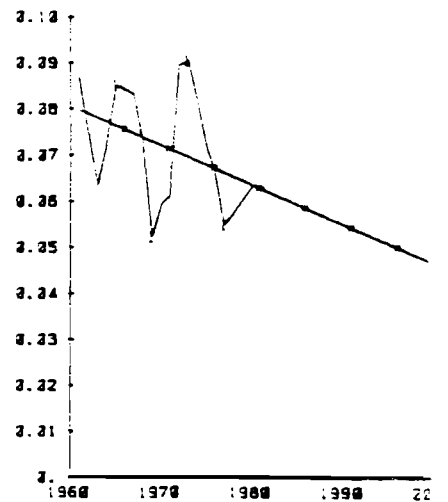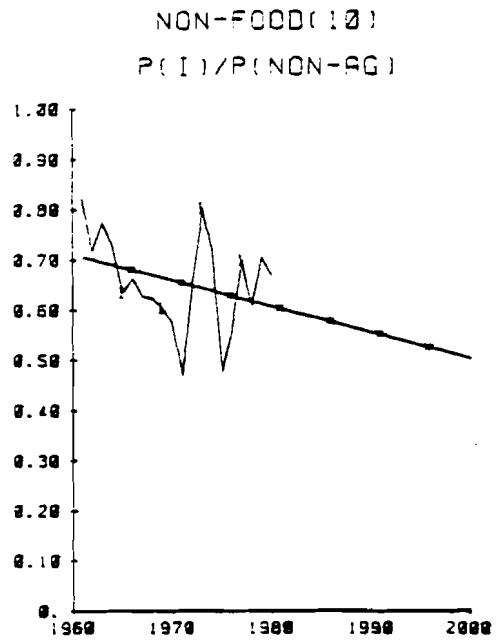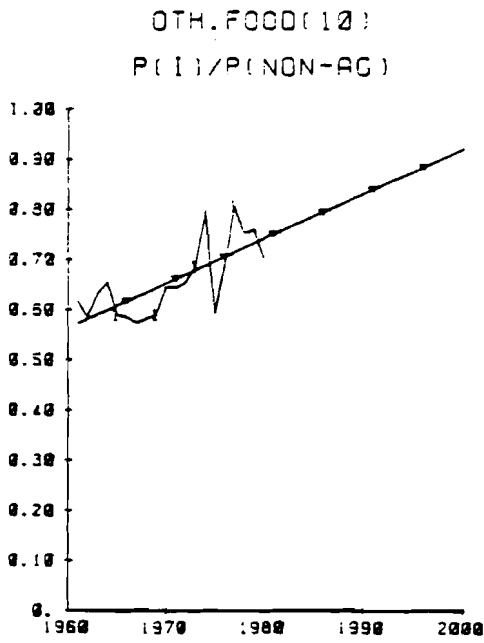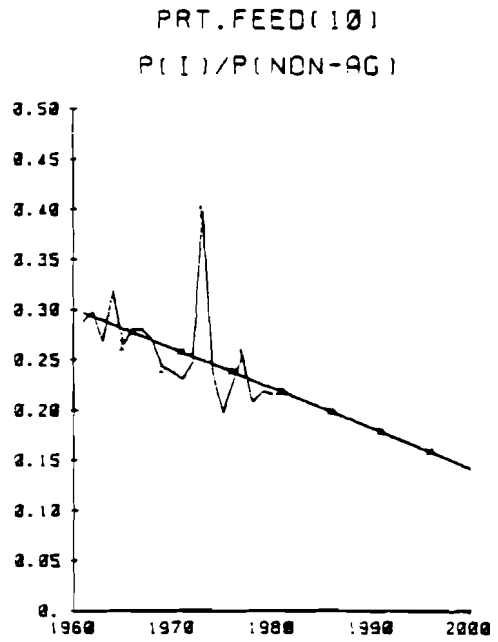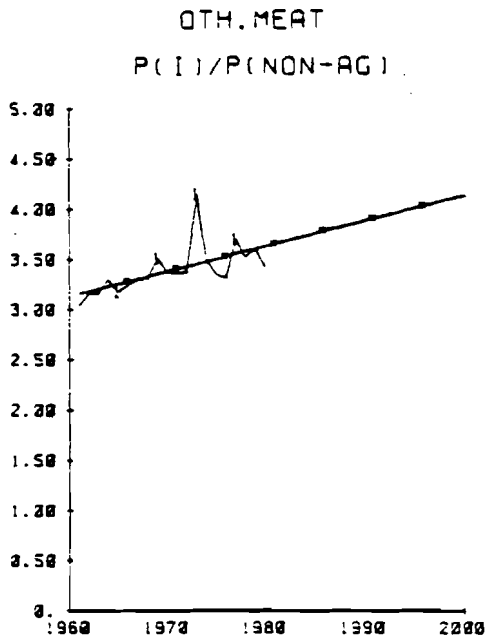
P( I )/P( NON-AG )

Linear Regression and Extrapolation of the Relative World Prices (71-80).

WHEAT
P( I )/P( NON-AG )
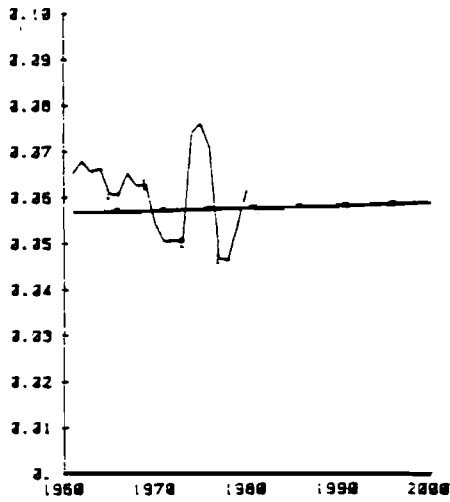
RICE
P( I )/P( NON-AG )

COARSE GRAINS
P( I )/P( NON-AG )

BOV-OV MEAT
P( I )/P( NON-AG )

DAIRY
P( I )/P( NON-AG )

... continued ...

## OTH.MEAT
### P( I )/P( NON-AG )



## PRT.FEED( 10 )
### P( I )/P( NON-AG )



## OTH.FOOD( 10 )
### P( I )/P( NON-AG )



## NON-FOOD( 10 )
### P( I )/P( NON-AG )
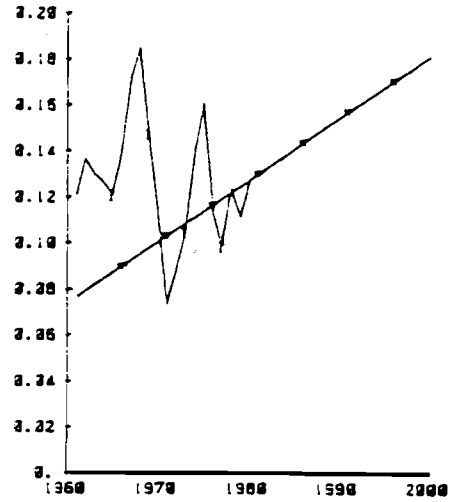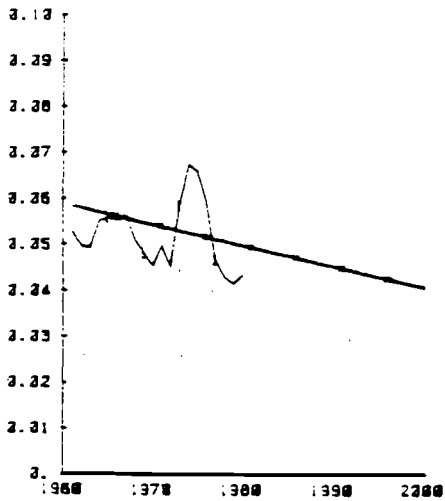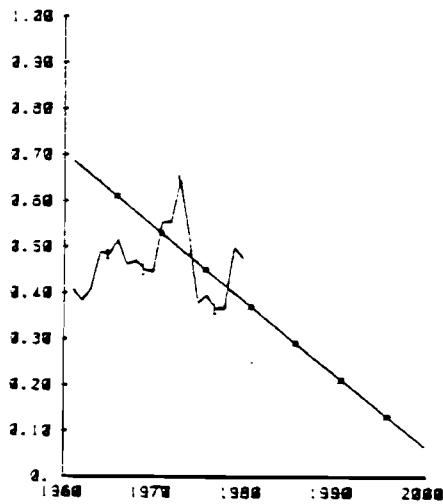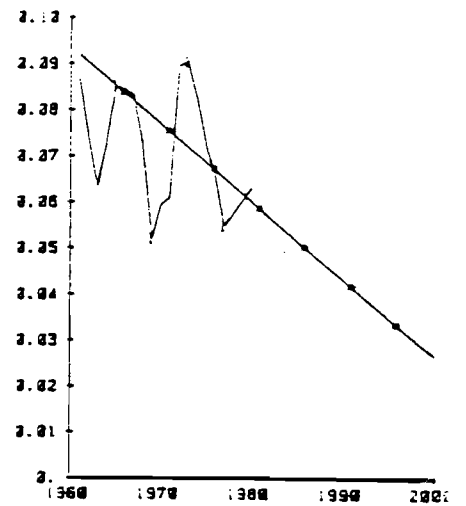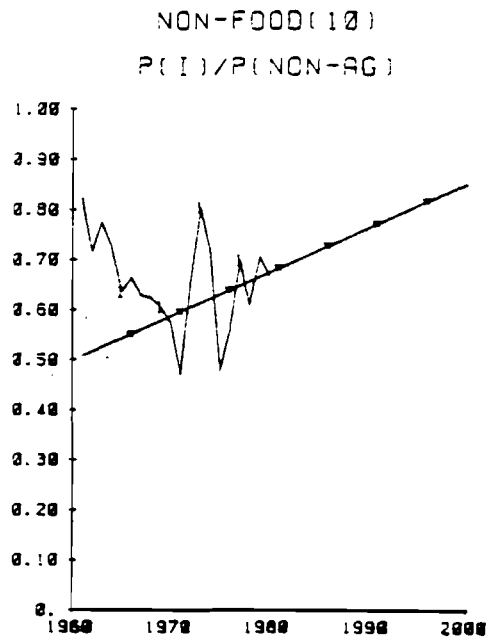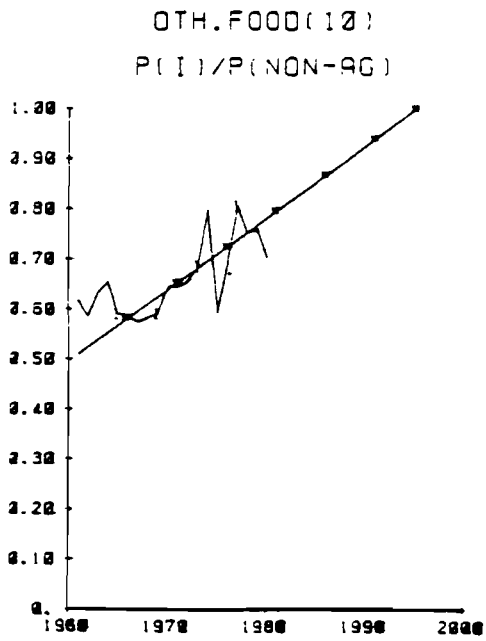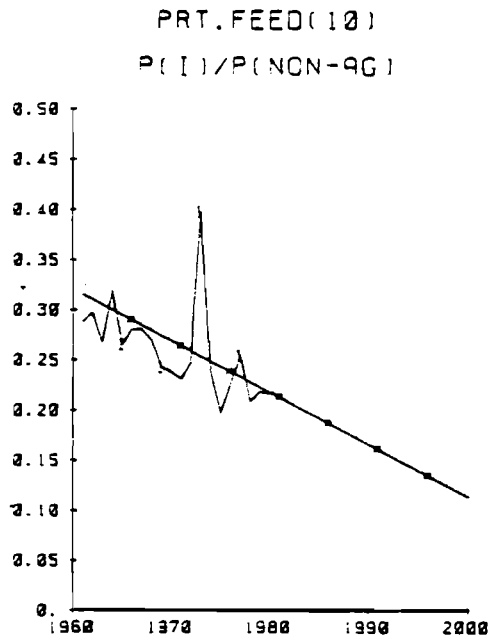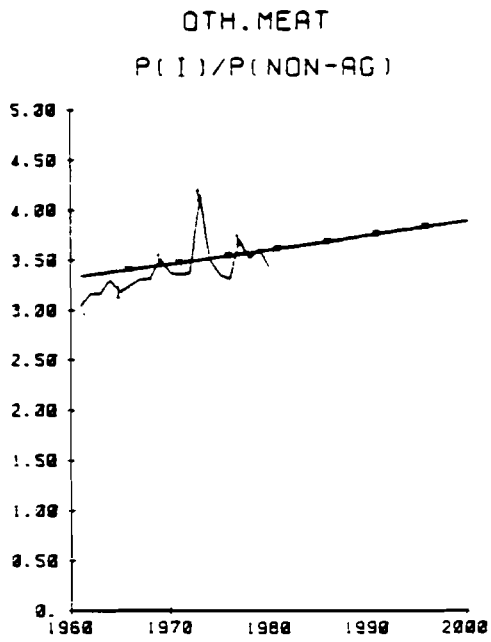
## 4. TABLES OF WORLD PRICES

For reference purposes actual tables of world prices, nominal and relative, are also included. On each table the historical series, between 1961 and 1980 is shown first, and below the dashed line extrapolations until the year 2000 are given. In the case of nominal world prices the extrapolation follows an exponential trend, for relative world prices the trend is linear. The last line on each page gives the average price between 1961 and 1980.

In Table 3 nominal world prices for the 10 demand commodities of the small FAP commodity list are tabulated. On Table 4 the relative world prices are shown.

All details for the aggregated commodities like "other meat", "other food", "non food" can be found in Table 5, for the nominal world prices, and in Table 6 for the relative world prices. Some commodities like wheat, rice, coarse grains, dairy and bovine and ovine meat are repeated in these tables.

It should be noted that the aggregate prices result from weighting the disaggregated prices with the corresponding quantities that contribute to the aggregate, and with US$ or protein conversion weights when needed. Therefore recalculations by hand should be done with extreme care.

short list     :

nominal wp     :

| year | wheat | rice | oth.cer. | bov.meat | dairy | oth.meat | prt.feed | oth.food | non-food | non-ag |
|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | 55.10 | 102.0 | 44.74 | 346.5 | 73.58 | 2571. | 243.5 | 523.3 | 697.2 | 846.2 |
| 1962 | 57.71 | 116.2 | 42.28 | 325.0 | 63.20 | 2685. | 253.0 | 496.2 | 606.9 | 849.2 |
| 1963 | 58.74 | 116.6 | 44.09 | 365.8 | 56.63 | 2832. | 238.9 | 565.1 | 693.7 | 894.8 |
| 1964 | 58.72 | 111.8 | 48.88 | 433.2 | 64.77 | 2922. | 282.6 | 579.8 | 641.7 | 883.7 |
| 1965 | 55.95 | 110.8 | 51.41 | 444.5 | 78.12 | 2921. | 243.9 | 541.6 | 583.1 | 918.1 |
| 1966 | 55.32 | 127.8 | 50.65 | 472.4 | 76.91 | 2976. | 257.0 | 536.1 | 607.3 | 915.0 |
| 1967 | 59.26 | 155.3 | 50.96 | 417.8 | 75.09 | 2999. | 254.2 | 519.6 | 567.8 | 905.6 |
| 1968 | 57.41 | 170.0 | 46.91 | 431.5 | 66.37 | 3042. | 247.0 | 534.7 | 570.7 | 917.1 |
| 1969 | 59.06 | 138.5 | 45.31 | 423.3 | 48.98 | 3301. | 228.2 | 555.0 | 567.3 | 938.8 |
| 1970 | 54.69 | 113.6 | 45.36 | 445.8 | 59.52 | 3375. | 238.4 | 646.9 | 574.1 | 1001. |
| 1971 | 53.43 | 77.22 | 53.02 | 588.0 | 64.70 | 3559. | 244.4 | 681.6 | 496.0 | 1059. |
| 1972 | 58.14 | 100.7 | 51.39 | 634.0 | 102.3 | 3865. | 282.8 | 748.0 | 742.4 | 1143. |
| 1973 | 65.85 | 136.8 | 76.54 | 843.8 | 118.2 | 5430. | 520.2 | 898.2 | 1051. | 1307. |
| 1974 | 123.9 | 231.8 | 112.7 | 865.8 | 137.5 | 5859. | 398.4 | 1335. | 1199. | 1670. |
| 1975 | 145.9 | 308.1 | 126.1 | 721.6 | 138.2 | 6413. | 376.0 | 1131. | 910.7 | 1912. |
| 1976 | 136.8 | 219.1 | 114.2 | 764.5 | 127.3 | 6393. | 438.5 | 1336. | 1084. | 1930. |
| 1977 | 96.09 | 202.0 | 95.86 | 750.4 | 112.2 | 7599. | 521.9 | 1653. | 1433. | 2050. |
| 1978 | 104.2 | 280.0 | 96.80 | 829.9 | 128.9 | 7927. | 467.8 | 1694. | 1367. | 2250. |
| 1979 | 132.2 | 272.5 | 101.4 | 1229. | 147.7 | 8857. | 535.2 | 1865. | 1731. | 2450. |
| 1980 | 163.5 | 337.4 | 115.3 | 1260. | 167.1 | 9081. | 571.3 | 1864. | 1770. | 2650. |
| 1981 | 136.3 | 280.6 | 121.5 | 1146. | 154.4 | 9130. | 537.8 | 1872. | 1491. | 2493. |
| 1982 | 144.1 | 296.6 | 129.0 | 1223. | 162.7 | 9812. | 564.5 | 2023. | 1578. | 2659. |
| 1983 | 152.4 | 313.5 | 136.9 | 1305. | 171.4 | 0.1054e+05 | 592.5 | 2187. | 1670. | 2837. |
| 1984 | 161.1 | 331.4 | 145.2 | 1392. | 180.6 | 0.1133e+05 | 621.9 | 2364. | 1768. | 3026. |
| 1985 | 170.4 | 350.3 | 154.1 | 1486. | 190.3 | 0.1218e+05 | 652.8 | 2555. | 1871. | 3228. |
| 1986 | 180.1 | 370.3 | 163.5 | 1585. | 200.6 | 0.1309e+05 | 685.2 | 2762. | 1980. | 3444. |
| 1987 | 190.5 | 391.5 | 173.5 | 1691. | 211.3 | 0.1406e+05 | 719.2 | 2986. | 2096. | 3674. |
| 1988 | 201.4 | 413.8 | 184.1 | 1805. | 222.7 | 0.1511e+05 | 754.9 | 3227. | 2219. | 3919. |
| 1989 | 212.9 | 437.5 | 195.4 | 1926. | 234.6 | 0.1624e+05 | 792.3 | 3489. | 2348. | 4181. |
| 1990 | 225.1 | 462.4 | 207.4 | 2055. | 247.2 | 0.1746e+05 | 831.6 | 3771. | 2486. | 4460. |
| 1991 | 238.0 | 488.9 | 220.0 | 2193. | 260.5 | 0.1876e+05 | 872.9 | 4076. | 2631. | 4758. |
| 1992 | 251.6 | 516.8 | 233.5 | 2340. | 274.5 | 0.2016e+05 | 916.2 | 4406. | 2785. | 5076. |
| 1993 | 266.0 | 546.3 | 247.8 | 2497. | 289.2 | 0.2166e+05 | 961.7 | 4763. | 2948. | 5415. |
| 1994 | 281.3 | 577.5 | 262.9 | 2664. | 304.8 | 0.2328e+05 | 1009. | 5149. | 3120. | 5777. |
| 1995 | 297.4 | 610.4 | 279.0 | 2842. | 321.1 | 0.2502e+05 | 1059. | 5565. | 3302. | 6162. |
| 1996 | 314.4 | 645.3 | 296.1 | 3033. | 338.4 | 0.2689e+05 | 1112. | 6016. | 3495. | 6574. |
| 1997 | 332.5 | 682.1 | 314.2 | 3236. | 356.5 | 0.2890e+05 | 1167. | 6503. | 3700. | 7013. |
| 1998 | 351.5 | 721.1 | 333.4 | 3453. | 375.7 | 0.3105e+05 | 1225. | 7029. | 3916. | 7481. |
| 1999 | 371.6 | 762.3 | 353.7 | 3685. | 395.8 | 0.3337e+05 | 1286. | 7598. | 4145. | 7981. |
| 2000 | 392.9 | 805.8 | 375.4 | 3932. | 417.1 | 0.3586e+05 | 1350. | 8213. | 4387. | 8514. |
| aver.61-80 | 82.60 | 171.4 | 70.70 | 629.6 | 95.37 | 4730. | 342.2 | 935.2 | 894.7 | 1375. |

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TABLE 3: Nominal world prices, small FAP commodity list.

short list                  :

relative world price:

| year | wheat | rice | oth.cer. | bov.meat | dairy | oth.meat | prt.feed | oth.food | non-food | non-ag |
|------|-------|------|----------|----------|-------|----------|----------|----------|----------|--------|
| 1961 | 0.6512e-01 | 0.1205 | 0.5288e-01 | 0.4095 | 0.8696e-01 | 3.038 | 0.2878 | 0.6184 | 0.8240 | 1.0000 |
| 1962 | 0.6796e-01 | 0.1368 | 0.4979e-01 | 0.3827 | 0.7442e-01 | 3.162 | 0.2979 | 0.5844 | 0.7147 | 1.0000 |
| 1963 | 0.6564e-01 | 0.1303 | 0.4927e-01 | 0.4088 | 0.6329e-01 | 3.165 | 0.2670 | 0.6315 | 0.7753 | 1.0000 |
| 1964 | 0.6645e-01 | 0.1265 | 0.5531e-01 | 0.4903 | 0.7329e-01 | 3.307 | 0.3198 | 0.6561 | 0.7262 | 1.0000 |
| 1965 | 0.6094e-01 | 0.1207 | 0.5600e-01 | 0.4842 | 0.8509e-01 | 3.181 | 0.2657 | 0.5899 | 0.6351 | 1.0000 |
| 1966 | 0.6046e-01 | 0.1397 | 0.5536e-01 | 0.5163 | 0.8406e-01 | 3.252 | 0.2809 | 0.5859 | 0.6638 | 1.0000 |
| 1967 | 0.6544e-01 | 0.1715 | 0.5628e-01 | 0.4614 | 0.8292e-01 | 3.311 | 0.2807 | 0.5738 | 0.6270 | 1.0000 |
| 1968 | 0.6260e-01 | 0.1854 | 0.5115e-01 | 0.4705 | 0.7237e-01 | 3.317 | 0.2693 | 0.5830 | 0.6223 | 1.0000 |
| 1969 | 0.6292e-01 | 0.1475 | 0.4827e-01 | 0.4509 | 0.5218e-01 | 3.517 | 0.2430 | 0.5911 | 0.6043 | 1.0000 |
| 1970 | 0.5462e-01 | 0.1134 | 0.4530e-01 | 0.4452 | 0.5944e-01 | 3.370 | 0.2381 | 0.6461 | 0.5733 | 1.0000 |
| 1971 | 0.5046e-01 | 0.7292e-01 | 0.5007e-01 | 0.5553 | 0.6110e-01 | 3.361 | 0.2308 | 0.6437 | 0.4684 | 1.0000 |
| 1972 | 0.5086e-01 | 0.8812e-01 | 0.4496e-01 | 0.5546 | 0.8948e-01 | 3.381 | 0.2474 | 0.6544 | 0.6495 | 1.0000 |
| 1973 | 0.5037e-01 | 0.1047 | 0.5855e-01 | 0.6454 | 0.9044e-01 | 4.153 | 0.3979 | 0.6870 | 0.8039 | 1.0000 |
| 1974 | 0.7420e-01 | 0.1388 | 0.6749e-01 | 0.5184 | 0.8234e-01 | 3.508 | 0.2386 | 0.7992 | 0.7179 | 1.0000 |
| 1975 | 0.7630e-01 | 0.1611 | 0.6596e-01 | 0.3773 | 0.7227e-01 | 3.354 | 0.1966 | 0.5912 | 0.4762 | 1.0000 |
| 1976 | 0.7087e-01 | 0.1135 | 0.5915e-01 | 0.3961 | 0.6597e-01 | 3.312 | 0.2272 | 0.6924 | 0.5617 | 1.0000 |
| 1977 | 0.4687e-01 | 0.9854e-01 | 0.4676e-01 | 0.3661 | 0.5475e-01 | 3.707 | 0.2546 | 0.8064 | 0.6992 | 1.0000 |
| 1978 | 0.4630e-01 | 0.1245 | 0.4302e-01 | 0.3689 | 0.5731e-01 | 3.523 | 0.2079 | 0.7531 | 0.6075 | 1.0000 |
| 1979 | 0.5397e-01 | 0.1112 | 0.4139e-01 | 0.5015 | 0.6028e-01 | 3.615 | 0.2185 | 0.7611 | 0.7067 | 1.0000 |
| 1980 | 0.6170e-01 | 0.1273 | 0.4350e-01 | 0.4756 | 0.6305e-01 | 3.427 | 0.2156 | 0.7032 | 0.6679 | 1.0000 |
| 1981 | 0.5470e-01 | 0.1126 | 0.4876e-01 | 0.4598 | 0.6194e-01 | 3.663 | 0.2158 | 0.7509 | 0.5981 | 1.0000 |
| 1982 | 0.5421e-01 | 0.1115 | 0.4851e-01 | 0.4599 | 0.6118e-01 | 3.690 | 0.2123 | 0.7608 | 0.5934 | 1.0000 |
| 1983 | 0.5373e-01 | 0.1105 | 0.4825e-01 | 0.4600 | 0.6043e-01 | 3.717 | 0.2089 | 0.7709 | 0.5888 | 1.0000 |
| 1984 | 0.5325e-01 | 0.1095 | 0.4799e-01 | 0.4601 | 0.5969e-01 | 3.745 | 0.2055 | 0.7812 | 0.5842 | 1.0000 |
| 1985 | 0.5277e-01 | 0.1085 | 0.4774e-01 | 0.4602 | 0.5896e-01 | 3.772 | 0.2022 | 0.7915 | 0.5796 | 1.0000 |
| 1986 | 0.5231e-01 | 0.1075 | 0.4749e-01 | 0.4603 | 0.5823e-01 | 3.800 | 0.1990 | 0.8020 | 0.5751 | 1.0000 |
| 1987 | 0.5184e-01 | 0.1066 | 0.4724e-01 | 0.4604 | 0.5752e-01 | 3.828 | 0.1958 | 0.8127 | 0.5706 | 1.0000 |
| 1988 | 0.5138e-01 | 0.1056 | 0.4699e-01 | 0.4605 | 0.5681e-01 | 3.856 | 0.1926 | 0.8235 | 0.5661 | 1.0000 |
| 1989 | 0.5092e-01 | 0.1046 | 0.4674e-01 | 0.4606 | 0.5612e-01 | 3.885 | 0.1895 | 0.8344 | 0.5617 | 1.0000 |
| 1990 | 0.5047e-01 | 0.1037 | 0.4649e-01 | 0.4607 | 0.5543e-01 | 3.914 | 0.1865 | 0.8455 | 0.5573 | 1.0000 |
| 1991 | 0.5002e-01 | 0.1027 | 0.4624e-01 | 0.4608 | 0.5475e-01 | 3.942 | 0.1835 | 0.8567 | 0.5530 | 1.0000 |
| 1992 | 0.4957e-01 | 0.1018 | 0.4600e-01 | 0.4609 | 0.5408e-01 | 3.972 | 0.1805 | 0.8681 | 0.5486 | 1.0000 |
| 1993 | 0.4913e-01 | 0.1009 | 0.4576e-01 | 0.4610 | 0.5341e-01 | 4.001 | 0.1776 | 0.8796 | 0.5444 | 1.0000 |
| 1994 | 0.4870e-01 | 0.9997e-01 | 0.4552e-01 | 0.4612 | 0.5276e-01 | 4.030 | 0.1747 | 0.8913 | 0.5401 | 1.0000 |
| 1995 | 0.4826e-01 | 0.9906e-01 | 0.4527e-01 | 0.4613 | 0.5211e-01 | 4.060 | 0.1719 | 0.9031 | 0.5359 | 1.0000 |
| 1996 | 0.4783e-01 | 0.9816e-01 | 0.4503e-01 | 0.4614 | 0.5147e-01 | 4.090 | 0.1692 | 0.9151 | 0.5317 | 1.0000 |
| 1997 | 0.4741e-01 | 0.9727e-01 | 0.4480e-01 | 0.4615 | 0.5084e-01 | 4.120 | 0.1664 | 0.9273 | 0.5276 | 1.0000 |
| 1998 | 0.4699e-01 | 0.9639e-01 | 0.4456e-01 | 0.4616 | 0.5021e-01 | 4.151 | 0.1638 | 0.9396 | 0.5234 | 1.0000 |
| 1999 | 0.4657e-01 | 0.9551e-01 | 0.4432e-01 | 0.4617 | 0.4960e-01 | 4.181 | 0.1611 | 0.9520 | 0.5193 | 1.0000 |
| 2000 | 0.4615e-01 | 0.9464e-01 | 0.4409e-01 | 0.4618 | 0.4899e-01 | 4.212 | 0.1585 | 0.9647 | 0.5153 | 1.0000 |
| aver.61-80 | 0.6070e-01 | 0.1267 | 0.5202e-01 | 0.4639 | 0.7155e-01 | 3.398 | 0.2593 | 0.6576 | 0.6562 | 1.0000 |

TABLE 4: Relative world prices, small FAP commodity list.

long list :

nominal world price :

| year | wheat | rice | coarse g | veg. oil | pr.feed | sugar | bov+ov.m | pork | poult+eg | dairy |
|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | 55.10 | 102.0 | 44.74 | 263.8 | 248.8 | 69.61 | 346.5 | 378.4 | 3968. | 73.58 |
| 1962 | 57.71 | 116.2 | 42.28 | 227.6 | 259.3 | 61.05 | 325.0 | 377.8 | 4078. | 63.20 |
| 1963 | 58.74 | 116.6 | 44.09 | 233.2 | 246.6 | 121.6 | 365.8 | 478.8 | 4464. | 56.63 |
| 1964 | 58.72 | 111.8 | 48.88 | 249.1 | 290.6 | 137.3 | 433.2 | 559.2 | 3926. | 64.77 |
| 1965 | 55.95 | 110.8 | 51.41 | 253.9 | 250.3 | 64.38 | 444.5 | 487.6 | 4050. | 78.12 |
| 1966 | 55.32 | 127.8 | 50.65 | 244.7 | 264.1 | 55.84 | 472.4 | 503.0 | 4068. | 76.91 |
| 1967 | 59.26 | 155.3 | 50.96 | 232.0 | 259.4 | 48.88 | 417.8 | 525.1 | 3913. | 75.09 |
| 1968 | 57.41 | 170.0 | 46.91 | 217.4 | 251.6 | 53.11 | 431.5 | 514.5 | 3798. | 66.37 |
| 1969 | 59.06 | 138.5 | 45.31 | 210.8 | 231.8 | 71.81 | 423.3 | 550.7 | 3808. | 48.98 |
| 1970 | 54.69 | 113.6 | 45.36 | 264.8 | 242.7 | 88.44 | 445.8 | 628.8 | 3880. | 59.52 |
| 1971 | 53.43 | 77.22 | 53.02 | 296.1 | 248.6 | 99.87 | 588.0 | 537.6 | 3956. | 64.70 |
| 1972 | 58.14 | 100.7 | 51.39 | 270.7 | 287.4 | 157.1 | 634.0 | 630.6 | 4160. | 102.3 |
| 1973 | 65.85 | 136.8 | 76.54 | 360.8 | 532.5 | 200.5 | 843.8 | 1020. | 5786. | 118.2 |
| 1974 | 123.9 | 231.8 | 112.7 | 662.9 | 397.6 | 335.8 | 865.8 | 866.0 | 6366. | 137.5 |
| 1975 | 145.9 | 308.1 | 126.1 | 555.5 | 378.4 | 135.4 | 721.6 | 1043. | 6379. | 138.2 |
| 1976 | 136.8 | 219.1 | 114.2 | 436.0 | 445.5 | 288.5 | 764.5 | 998.0 | 6571. | 127.3 |
| 1977 | 96.09 | 202.0 | 95.86 | 582.7 | 529.1 | 212.7 | 750.4 | 1170. | 6909. | 112.2 |
| 1978 | 104.2 | 280.0 | 96.80 | 594.2 | 473.3 | 202.3 | 829.9 | 1379. | 7315. | 128.9 |
| 1979 | 132.2 | 272.5 | 101.4 | 663.2 | 540.4 | 222.2 | 1229. | 1525. | 7673. | 147.7 |
| 1980 | 163.5 | 337.4 | 115.3 | 634.6 | 577.9 | 256.5 | 1260. | 1418. | 9280. | 167.1 |
| 1981 | 136.3 | 280.6 | 121.5 | 658.9 | 541.6 | 281.1 | 1146. | 1506. | 7823. | 154.4 |
| 1982 | 144.1 | 296.6 | 129.0 | 701.9 | 567.9 | 304.6 | 1223. | 1619. | 8165. | 162.7 |
| 1983 | 152.4 | 313.5 | 136.9 | 747.6 | 595.5 | 330.2 | 1305. | 1740. | 8521. | 171.4 |
| 1984 | 161.1 | 331.4 | 145.2 | 796.4 | 624.4 | 357.9 | 1392. | 1870. | 8893. | 180.6 |
| 1985 | 170.4 | 350.3 | 154.1 | 848.3 | 654.7 | 387.9 | 1486. | 2009. | 9281. | 190.3 |
| 1986 | 180.1 | 370.3 | 163.5 | 903.6 | 686.5 | 420.5 | 1585. | 2160. | 9686. | 200.6 |
| 1987 | 190.5 | 391.5 | 173.5 | 962.5 | 719.8 | 455.8 | 1691. | 2321. | 0.1011e+05 | 211.3 |
| 1988 | 201.4 | 413.8 | 184.1 | 1025. | 754.7 | 494.0 | 1805. | 2495. | 0.1055e+05 | 222.7 |
| 1989 | 212.9 | 437.5 | 195.4 | 1092. | 791.4 | 535.4 | 1926. | 2681. | 0.1101e+05 | 234.6 |
| 1990 | 225.1 | 462.4 | 207.4 | 1163. | 829.8 | 580.4 | 2055. | 2882. | 0.1149e+05 | 247.2 |
| 1991 | 238.0 | 488.9 | 220.0 | 1239. | 870.1 | 629.0 | 2193. | 3097. | 0.1199e+05 | 260.5 |
| 1992 | 251.6 | 516.8 | 233.5 | 1320. | 912.3 | 681.8 | 2340. | 3329. | 0.1251e+05 | 274.5 |
| 1993 | 266.0 | 546.3 | 247.8 | 1406. | 956.6 | 739.0 | 2497. | 3578. | 0.1306e+05 | 289.2 |
| 1994 | 281.3 | 577.5 | 262.9 | 1498. | 1003. | 801.0 | 2664. | 3845. | 0.1363e+05 | 304.8 |
| 1995 | 297.4 | 610.4 | 279.0 | 1595. | 1052. | 868.2 | 2842. | 4133. | 0.1423e+05 | 321.1 |
| 1996 | 314.4 | 645.3 | 296.1 | 1699. | 1103. | 941.1 | 3033. | 4442. | 0.1485e+05 | 338.4 |
| 1997 | 332.5 | 682.1 | 314.2 | 1810. | 1156. | 1020. | 3236. | 4774. | 0.1549e+05 | 356.5 |
| 1998 | 351.5 | 721.1 | 333.4 | 1928. | 1212. | 1106. | 3453. | 5131. | 0.1617e+05 | 375.7 |
| 1999 | 371.6 | 762.3 | 353.7 | 2054. | 1271. | 1198. | 3685. | 5514. | 0.1688e+05 | 395.8 |
| 2000 | 392.9 | 805.8 | 375.4 | 2188. | 1333. | 1299. | 3932. | 5926. | 0.1761e+05 | 417.1 |
| aver.61-80 | 82.60 | 171.4 | 70.70 | 372.7 | 347.8 | 144.1 | 629.6 | 779.5 | 5217. | 95.37 |

TABLE 5: Nominal world prices, detailed FAP commodity list.

long list :

nominal world price :

| year | veg+rts | frt+nuts | fish pr. | coffee | coc+tea | bev.dist | fibres | ind.or. | non-agr | bov+ov.f |
|------|---------|----------|----------|--------|---------|----------|--------|---------|---------|----------|
| 1961 | 329.7 | 459.2 | 1544. | 210.5 | 681.3 | 520.4 | 1017. | 363.3 | 846.2 | 144.5 |
| 1962 | 369.4 | 461.0 | 1789. | 218.9 | 609.7 | 317.4 | 826.1 | 382.3 | 849.2 | 119.9 |
| 1963 | 378.9 | 478.8 | 1592. | 259.8 | 590.5 | 322.8 | 909.4 | 385.8 | 894.8 | 112.6 |
| 1964 | 328.6 | 416.5 | 1671. | 439.0 | 566.4 | 604.2 | 815.3 | 341.0 | 883.7 | 131.6 |
| 1965 | 367.1 | 504.4 | 1787. | 301.4 | 466.2 | 716.7 | 861.7 | 344.5 | 918.1 | 171.3 |
| 1966 | 346.8 | 526.6 | 1821. | 331.6 | 536.9 | 564.3 | 897.1 | 339.4 | 915.0 | 176.6 |
| 1967 | 355.6 | 535.1 | 1793. | 329.2 | 525.6 | 268.7 | 918.0 | 300.0 | 905.6 | 131.8 |
| 1968 | 306.5 | 533.2 | 1896. | 524.2 | 633.2 | 606.4 | 985.8 | 319.7 | 917.1 | 106.0 |
| 1969 | 311.9 | 595.8 | 2177. | 469.7 | 649.7 | 586.3 | 850.7 | 355.6 | 938.8 | 105.1 |
| 1970 | 344.3 | 623.5 | 2032. | 665.1 | 659.8 | 285.7 | 858.9 | 370.7 | 1001 | 139.8 |
| 1971 | 354.1 | 628.7 | 2584. | 744.1 | 436.9 | 464.4 | 626.5 | 393.0 | 1059 | 167.4 |
| 1972 | 420.8 | 728.4 | 2692. | 722.0 | 449.3 | 504.5 | 1258 | 466.5 | 1143 | 148.4 |
| 1973 | 469.3 | 869.0 | 3249. | 769.8 | 537.9 | 453.6 | 1040 | 571.2 | 1307 | 173.4 |
| 1974 | 550.5 | 944.0 | 4364. | 877.4 | 993.1 | 1078 | 1881 | 689.9 | 1670 | 368.5 |
| 1975 | 629.7 | 1002. | 4539. | 777.6 | 1243 | 584.1 | 1441 | 592.1 | 1912 | 299.8 |
| 1976 | 782.1 | 1082. | 4737. | 1743 | 1248 | 1053 | 1608 | 592.1 | 1930 | 278.7 |
| 1977 | 851.5 | 975.0 | 5970. | 3737 | 1752 | 817.9 | 2390 | 777.0 | 2050 | 332.1 |
| 1978 | 872.6 | 1319. | 5748. | 2276 | 2600 | 984.2 | 1744 | 792.7 | 2250 | 318.9 |
| 1979 | 1046 | 1324. | 6702. | 2789 | 2380 | 1147 | 2371 | 933.2 | 2450 | 492.0 |
| 1980 | 999.6 | 1461. | 6699. | 2788 | 1981 | 1168 | 2462 | 955.4 | 2650 | 442.7 |
| 1981 | 916.8 | 1425. | 7037. | 3157 | 1810 | 1033 | 2147 | 943.5 | 2493 | 404.0 |
| 1982 | 976.2 | 1521. | 7672. | 3642 | 1953 | 1089 | 2272 | 1004. | 2659 | 433.5 |
| 1983 | 1039. | 1625. | 8364. | 4201 | 2107 | 1149 | 2406 | 1069. | 2837 | 465.3 |
| 1984 | 1107. | 1735. | 9119. | 4846 | 2273 | 1211 | 2547 | 1138. | 3026 | 499.3 |
| 1985 | 1178. | 1853. | 9942. | 5589 | 2452 | 1277 | 2696 | 1211. | 3228 | 535.8 |
| 1986 | 1255. | 1979. | 0.1084e+05 | 6447 | 2645 | 1347 | 2854 | 1289. | 3444 | 575.0 |
| 1987 | 1336. | 2113. | 0.1182e+05 | 7437 | 2853 | 1421 | 3021 | 1289. | 3674 | 617.1 |
| 1988 | 1423. | 2257. | 0.1288e+05 | 8578. | 3078 | 1498 | 3198 | 1371. | 3919 | 662.2 |
| 1989 | 1515. | 2410. | 0.1404e+05 | 9895. | 3320 | 1580 | 3385 | 1460 | 4181. | 710.7 |
| 1990 | 1613. | 2574. | 0.1531e+05 | 0.1141e+05 | 3582 | 1666 | 3584 | 1554 | 4460 | 762.7 |
| 1991 | 1717. | 2748. | 0.1669e+05 | 0.1317e+05 | 3864 | 1757 | 3794 | 1653 | 4758 | 818.5 |
| 1992 | 1829. | 2935. | 0.1820e+05 | 0.1519e+05 | 4169 | 1853 | 4016 | 1760 | 5076. | 878.4 |
| 1993 | 1947. | 3134. | 0.1984e+05 | 0.1752e+05 | 4497 | 1955 | 4251 | 1873 | 5415. | 942.6 |
| 1994 | 2073. | 3347. | 0.2163e+05 | 0.2020e+05 | 4851 | 2061 | 4501 | 1994 | 5777. | 1012. |
| 1995 | 2207. | 3575. | 0.2358e+05 | 0.2331e+05 | 5233 | 2174 | 4764 | 2122 | 6162 | 1086. |
| 1996 | 2350. | 3817. | 0.2571e+05 | 0.2688e+05 | 5646. | 2293 | 5043 | 2258 | 6574 | 1165. |
| 1997 | 2503. | 4077. | 0.2803e+05 | 0.3101e+05 | 6090. | 2418. | 5339 | 2403 | 7013. | 1250. |
| 1998 | 2665. | 4354. | 0.3056e+05 | 0.3577e+05 | 6570. | 2550. | 5652 | 2558 | 7481. | 1342. |
| 1999 | 2837. | 4649. | 0.3332e+05 | 0.4126e+05 | 7088. | 2689. | 5983 | 2723 | 7981. | 1440. |
| 2000 | 3021. | 4965. | 0.3632e+05 | 0.4759e+05 | 7646. | 2836. | 6334 | 3084. | 8514. | 1545. |
| aver.61-80 | 520.7 | 773.4 | 3269. | 1049. | 977.1 | 652.4 | 1288. | 534.5 | 1375. | 218.0 |

TABLE 5: Nominal world prices, detailed FAP commodity list. (continued)

long list            :

nominal world price :

| year | pig fat | pltr.fat | fish oil | m. meal | f. meal | w+w+h | pig hid. |
|------|---------|----------|----------|---------|---------|-------|----------|
| 1961 | 212.4 | 606.7 | 138.7 | 119.0 | 153.1 | 709.5 | 337.8 |
| 1962 | 186.4 | 567.0 | 103.8 | 106.0 | 154.9 | 636.1 | 282.7 |
| 1963 | 175.0 | 804.4 | 119.8 | 100.5 | 138.9 | 779.5 | 345.2 |
| 1964 | 199.2 | 950.0 | 166.8 | 111.9 | 155.4 | 745.4 | 397.9 |
| 1965 | 197.6 | 765.4 | 178.9 | 126.3 | 150.6 | 589.4 | 408.6 |
| 1966 | 188.1 | 555.3 | 170.0 | 108.6 | 145.9 | 626.6 | 452.2 |
| 1967 | 167.9 | 637.3 | 121.8 | 89.12 | 239.3 | 568.4 | 426.6 |
| 1968 | 111.3 | 457.5 | 83.77 | 74.78 | 242.1 | 517.7 | 395.8 |
| 1969 | 163.7 | 431.7 | 110.0 | 85.82 | 253.2 | 579.1 | 435.7 |
| 1970 | 212.7 | 400.9 | 173.8 | 105.8 | 231.6 | 571.5 | 473.5 |
| 1971 | 206.5 | 387.0 | 187.2 | 88.68 | 237.5 | 503.3 | 509.4 |
| 1972 | 157.6 | 338.6 | 155.8 | 120.8 | 276.1 | 702.9 | 483.6 |
| 1973 | 196.3 | 406.0 | 250.7 | 194.8 | 425.2 | 1579. | 690.0 |
| 1974 | 375.8 | 569.4 | 438.8 | 278.7 | 522.5 | 1414. | 623.9 |
| 1975 | 364.7 | 495.3 | 317.8 | 196.1 | 444.3 | 923.7 | 528.8 |
| 1976 | 371.2 | 452.6 | 304.0 | 175.2 | 447.3 | 1103. | 592.0 |
| 1977 | 424.3 | 498.5 | 232.3 | 224.1 | 640.6 | 1499. | 725.8 |
| 1978 | 454.9 | 528.1 | 408.9 | 241.5 | 526.9 | 1572. | 882.5 |
| 1979 | 519.5 | 638.3 | 381.9 | 301.7 | 596.9 | 2105. | 670.6 |
| 1980 | 372.7 | 802.8 | 394.1 | 301.2 | 613.1 | 1987. | 2458. |
| 1981 | 429.0 | 478.3 | 406.0 | 267.9 | 728.3 | 1682. | 1040. |
| 1982 | 453.4 | 472.5 | 435.0 | 284.6 | 796.0 | 1790. | 1109. |
| 1983 | 479.1 | 466.7 | 466.1 | 302.2 | 870.0 | 1904. | 1183. |
| 1984 | 506.3 | 461.0 | 499.4 | 321.0 | 951.0 | 2026. | 1262. |
| 1985 | 535.1 | 455.4 | 535.0 | 340.9 | 1039. | 2155. | 1346. |
| 1986 | 565.5 | 449.9 | 573.3 | 362.1 | 1136. | 2293. | 1435. |
| 1987 | 597.7 | 444.4 | 614.2 | 384.6 | 1242. | 2439. | 1530. |
| 1988 | 631.6 | 439.0 | 658.1 | 408.5 | 1357. | 2595. | 1632. |
| 1989 | 667.5 | 433.6 | 705.1 | 433.9 | 1483. | 2761. | 1741. |
| 1990 | 705.4 | 428.3 | 755.4 | 460.8 | 1621. | 2937. | 1856. |
| 1991 | 745.5 | 423.1 | 809.4 | 489.4 | 1772. | 3124. | 1980. |
| 1992 | 787.9 | 417.9 | 867.2 | 519.8 | 1937. | 3324. | 2111. |
| 1993 | 832.7 | 412.8 | 929.2 | 552.1 | 2117. | 3536. | 2252. |
| 1994 | 880.0 | 407.8 | 995.5 | 586.4 | 2314. | 3762. | 2401. |
| 1995 | 930.0 | 402.8 | 1067. | 622.8 | 2529. | 4002. | 2561. |
| 1996 | 982.8 | 397.9 | 1143. | 661.5 | 2764. | 4258. | 2731. |
| 1997 | 1039. | 393.1 | 1224. | 702.6 | 3021. | 4529. | 2913. |
| 1998 | 1098. | 388.3 | 1312. | 746.2 | 3302. | 4819. | 3107. |
| 1999 | 1160. | 383.6 | 1406. | 792.6 | 3610. | 5126. | 3313. |
| 2000 | 1226. | 378.9 | 1506. | 841.8 | 3945. | 5454. | 3533. |
| aver.61-80 | 262.9 | 564.6 | 221.9 | 157.5 | 329.8 | 985.6 | 606.1 |

TABLE 5: Nominal world prices, detailed FAP commodity list. (continued)

long list :

relative world price:

| year | wheat | rice | coarse g | veg. oil | pr.feed | sugar | bov+ov.m | pork | poult+eg | dairy |
|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | 0.6512e-01 | 0.1205 | 0.5288e-01 | 0.3117 | 0.2940 | 0.8226e-01 | 0.4095 | 0.4472 | 4.690 | 0.8696e-01 |
| 1962 | 0.6796e-01 | 0.1368 | 0.4979e-01 | 0.2680 | 0.3054 | 0.7189e-01 | 0.3827 | 0.4449 | 4.803 | 0.7442e-01 |
| 1963 | 0.6564e-01 | 0.1303 | 0.4927e-01 | 0.2606 | 0.2756 | 0.1359 | 0.4088 | 0.5351 | 4.989 | 0.6329e-01 |
| 1964 | 0.6645e-01 | 0.1265 | 0.5531e-01 | 0.2819 | 0.3289 | 0.1553 | 0.4903 | 0.6328 | 4.442 | 0.7329e-01 |
| 1965 | 0.6094e-01 | 0.1207 | 0.5600e-01 | 0.2766 | 0.2727 | 0.7012e-01 | 0.4842 | 0.5311 | 4.412 | 0.8509e-01 |
| 1966 | 0.6046e-01 | 0.1397 | 0.5536e-01 | 0.2674 | 0.2886 | 0.6102e-01 | 0.5163 | 0.5498 | 4.446 | 0.8406e-01 |
| 1967 | 0.6544e-01 | 0.1715 | 0.5628e-01 | 0.2562 | 0.2865 | 0.5397e-01 | 0.4614 | 0.5798 | 4.321 | 0.8292e-01 |
| 1968 | 0.6260e-01 | 0.1854 | 0.5115e-01 | 0.2371 | 0.2744 | 0.5791e-01 | 0.4705 | 0.5610 | 4.141 | 0.7237e-01 |
| 1969 | 0.6292e-01 | 0.1475 | 0.4827e-01 | 0.2245 | 0.2470 | 0.7650e-01 | 0.4509 | 0.5866 | 4.056 | 0.5218e-01 |
| 1970 | 0.5462e-01 | 0.134 | 0.4530e-01 | 0.2645 | 0.2424 | 0.8832e-01 | 0.4452 | 0.6280 | 3.875 | 0.5944e-01 |
| 1971 | 0.5046e-01 | 0.7292e-01 | 0.5007e-01 | 0.2796 | 0.2348 | 0.9431e-01 | 0.5553 | 0.5077 | 3.736 | 0.6110e-01 |
| 1972 | 0.5086e-01 | 0.8812e-01 | 0.4496e-01 | 0.2368 | 0.2514 | 0.1374 | 0.5546 | 0.5516 | 3.639 | 0.8948e-01 |
| 1973 | 0.5037e-01 | 0.1047 | 0.5855e-01 | 0.2760 | 0.4073 | 0.1534 | 0.6454 | 0.7805 | 4.426 | 0.9044e-01 |
| 1974 | 0.7420e-01 | 0.1388 | 0.6749e-01 | 0.3969 | 0.2381 | 0.2011 | 0.5184 | 0.5185 | 3.812 | 0.8234e-01 |
| 1975 | 0.7630e-01 | 0.1611 | 0.6596e-01 | 0.2904 | 0.1979 | 0.7079e-01 | 0.3773 | 0.5452 | 3.335 | 0.7227e-01 |
| 1976 | 0.7087e-01 | 0.1135 | 0.5915e-01 | 0.2259 | 0.2308 | 0.1495 | 0.3961 | 0.5171 | 3.404 | 0.6597e-01 |
| 1977 | 0.4687e-01 | 0.9854e-01 | 0.4676e-01 | 0.2842 | 0.2581 | 0.1038 | 0.3661 | 0.5708 | 3.370 | 0.5475e-01 |
| 1978 | 0.4630e-01 | 0.1245 | 0.4302e-01 | 0.2641 | 0.2104 | 0.8992e-01 | 0.3689 | 0.6128 | 3.251 | 0.5731e-01 |
| 1979 | 0.5397e-01 | 0.1112 | 0.4139e-01 | 0.2707 | 0.2206 | 0.9071e-01 | 0.5015 | 0.6224 | 3.132 | 0.6028e-01 |
| 1980 | 0.6170e-01 | 0.1273 | 0.4350e-01 | 0.2395 | 0.2181 | 0.9678e-01 | 0.4756 | 0.5351 | 3.502 | 0.6305e-01 |
| 1981 | 0.5470e-01 | 0.1126 | 0.4876e-01 | 0.2643 | 0.2173 | 0.1128 | 0.4598 | 0.6042 | 3.139 | 0.6194e-01 |
| 1982 | 0.5421e-01 | 0.1115 | 0.4851e-01 | 0.2640 | 0.2136 | 0.1146 | 0.4599 | 0.6087 | 3.070 | 0.6118e-01 |
| 1983 | 0.5373e-01 | 0.1105 | 0.4825e-01 | 0.2636 | 0.2099 | 0.1164 | 0.4600 | 0.6132 | 3.004 | 0.6043e-01 |
| 1984 | 0.5325e-01 | 0.1095 | 0.4799e-01 | 0.2632 | 0.2063 | 0.1183 | 0.4601 | 0.6178 | 2.939 | 0.5969e-01 |
| 1985 | 0.5277e-01 | 0.1085 | 0.4774e-01 | 0.2628 | 0.2028 | 0.1202 | 0.4602 | 0.6224 | 2.875 | 0.5896e-01 |
| 1986 | 0.5231e-01 | 0.1075 | 0.4749e-01 | 0.2624 | 0.1993 | 0.1221 | 0.4603 | 0.6271 | 2.812 | 0.5823e-01 |
| 1987 | 0.5184e-01 | 0.1066 | 0.4724e-01 | 0.2620 | 0.1959 | 0.1241 | 0.4604 | 0.6318 | 2.751 | 0.5752e-01 |
| 1988 | 0.5138e-01 | 0.1056 | 0.4699e-01 | 0.2616 | 0.1926 | 0.1260 | 0.4605 | 0.6365 | 2.692 | 0.5681e-01 |
| 1989 | 0.5092e-01 | 0.1046 | 0.4674e-01 | 0.2612 | 0.1893 | 0.1281 | 0.4606 | 0.6413 | 2.633 | 0.5612e-01 |
| 1990 | 0.5047e-01 | 0.1037 | 0.4649e-01 | 0.2608 | 0.1860 | 0.1301 | 0.4607 | 0.6461 | 2.576 | 0.5543e-01 |
| 1991 | 0.5002e-01 | 0.1027 | 0.4624e-01 | 0.2604 | 0.1829 | 0.1322 | 0.4608 | 0.6509 | 2.520 | 0.5475e-01 |
| 1992 | 0.4957e-01 | 0.1018 | 0.4600e-01 | 0.2601 | 0.1797 | 0.1343 | 0.4609 | 0.6558 | 2.466 | 0.5408e-01 |
| 1993 | 0.4913e-01 | 0.1009 | 0.4576e-01 | 0.2597 | 0.1767 | 0.1365 | 0.4610 | 0.6607 | 2.412 | 0.5341e-01 |
| 1994 | 0.4870e-01 | 0.9997e-01 | 0.4552e-01 | 0.2593 | 0.1736 | 0.1387 | 0.4612 | 0.6656 | 2.360 | 0.5276e-01 |
| 1995 | 0.4826e-01 | 0.9906e-01 | 0.4527e-01 | 0.2589 | 0.1707 | 0.1409 | 0.4613 | 0.6706 | 2.308 | 0.5211e-01 |
| 1996 | 0.4783e-01 | 0.9816e-01 | 0.4503e-01 | 0.2585 | 0.1678 | 0.1432 | 0.4614 | 0.6756 | 2.258 | 0.5147e-01 |
| 1997 | 0.4741e-01 | 0.9727e-01 | 0.4480e-01 | 0.2581 | 0.1649 | 0.1454 | 0.4615 | 0.6807 | 2.209 | 0.5084e-01 |
| 1998 | 0.4699e-01 | 0.9639e-01 | 0.4456e-01 | 0.2577 | 0.1621 | 0.1478 | 0.4616 | 0.6858 | 2.161 | 0.5021e-01 |
| 1999 | 0.4657e-01 | 0.9551e-01 | 0.4432e-01 | 0.2574 | 0.1593 | 0.1502 | 0.4617 | 0.6909 | 2.115 | 0.4960e-01 |
| 2000 | 0.4615e-01 | 0.9464e-01 | 0.4409e-01 | 0.2570 | 0.1566 | 0.1526 | 0.4618 | 0.6961 | 2.069 | 0.4899e-01 |
| aver.61-80 | 0.6070e-01 | 0.1267 | 0.5202e-01 | 0.2706 | 0.2641 | 0.1020 | 0.4639 | 0.5629 | 3.989 | 0.7155e-01 |

TABLE 8: Relative world prices, detailed FAP commodity list.

long list :

relative world price:

| year | veg+rts | frt+nuts | fish pr. | coffee | coo+tea | bev.dist | fibres | ind.cr. | non-agr | bov+ov.f |
|------|---------|----------|----------|--------|---------|----------|--------|---------|---------|----------|
| 1961 | 0.3897 | 0.5427 | 1.825 | 0.2487 | 0.8052 | 0.6150 | 1.202 | 0.4294 | 1.0000 | 0.1708 |
| 1962 | 0.4350 | 0.5429 | 2.107 | 0.2578 | 0.7181 | 0.3738 | 0.9729 | 0.4502 | 1.0000 | 0.1412 |
| 1963 | 0.4234 | 0.5352 | 1.780 | 0.2903 | 0.6600 | 0.3608 | 1.016 | 0.4312 | 1.0000 | 0.1258 |
| 1964 | 0.3718 | 0.4713 | 1.891 | 0.4967 | 0.6409 | 0.6837 | 0.9226 | 0.3858 | 1.0000 | 0.1490 |
| 1965 | 0.3998 | 0.5494 | 1.947 | 0.3282 | 0.5078 | 0.7806 | 0.9385 | 0.3752 | 1.0000 | 0.1866 |
| 1966 | 0.3790 | 0.5755 | 1.990 | 0.3624 | 0.5868 | 0.6167 | 0.9805 | 0.3710 | 1.0000 | 0.1930 |
| 1967 | 0.3926 | 0.5909 | 1.980 | 0.3636 | 0.5804 | 0.2967 | 1.014 | 0.3313 | 1.0000 | 0.1455 |
| 1968 | 0.3342 | 0.5814 | 2.067 | 0.5716 | 0.6905 | 0.6612 | 1.075 | 0.3486 | 1.0000 | 0.1156 |
| 1969 | 0.3322 | 0.6347 | 2.319 | 0.5004 | 0.6921 | 0.6245 | 0.9062 | 0.3788 | 1.0000 | 0.1120 |
| 1970 | 0.3439 | 0.6226 | 2.030 | 0.6642 | 0.6589 | 0.2853 | 0.8578 | 0.3702 | 1.0000 | 0.1396 |
| 1971 | 0.3344 | 0.5937 | 2.441 | 0.7027 | 0.4126 | 0.4385 | 0.5916 | 0.3711 | 1.0000 | 0.1580 |
| 1972 | 0.3681 | 0.6372 | 2.355 | 0.6316 | 0.3931 | 0.4413 | 1.100 | 0.4081 | 1.0000 | 0.1298 |
| 1973 | 0.3590 | 0.6647 | 2.485 | 0.5888 | 0.4114 | 0.3470 | 0.7957 | 0.4369 | 1.0000 | 0.1326 |
| 1974 | 0.3296 | 0.5652 | 2.613 | 0.5254 | 0.5947 | 0.6454 | 1.126 | 0.4131 | 1.0000 | 0.2206 |
| 1975 | 0.3293 | 0.5237 | 2.374 | 0.4066 | 0.6499 | 0.3054 | 0.7537 | 0.3096 | 1.0000 | 0.1568 |
| 1976 | 0.4052 | 0.5608 | 2.454 | 0.9031 | 0.6465 | 0.5454 | 0.8329 | 0.4026 | 1.0000 | 0.1444 |
| 1977 | 0.4154 | 0.4756 | 2.912 | 1.823 | 0.8548 | 0.3990 | 1.166 | 0.3867 | 1.0000 | 0.1620 |
| 1978 | 0.3878 | 0.5861 | 2.555 | 1.012 | 1.156 | 0.4374 | 0.7749 | 0.4147 | 1.0000 | 0.1417 |
| 1979 | 0.4270 | 0.5405 | 2.735 | 1.139 | 0.9713 | 0.4683 | 0.9677 | 0.3900 | 1.0000 | 0.2008 |
| 1980 | 0.3772 | 0.5515 | 2.528 | 1.052 | 0.7477 | 0.4406 | 0.9290 | 0.3839 | 1.0000 | 0.1671 |
| 1981 | 0.3678 | 0.5715 | 2.823 | 1.267 | 0.7262 | 0.4143 | 0.8612 | 0.3785 | 1.0000 | 0.1621 |
| 1982 | 0.3671 | 0.5721 | 2.885 | 1.370 | 0.7344 | 0.4096 | 0.8546 | 0.3776 | 1.0000 | 0.1630 |
| 1983 | 0.3664 | 0.5727 | 2.949 | 1.481 | 0.7427 | 0.4049 | 0.8480 | 0.3768 | 1.0000 | 0.1640 |
| 1984 | 0.3657 | 0.5733 | 3.013 | 1.601 | 0.7510 | 0.4003 | 0.8415 | 0.3759 | 1.0000 | 0.1650 |
| 1985 | 0.3650 | 0.5740 | 3.080 | 1.731 | 0.7595 | 0.3957 | 0.8351 | 0.3750 | 1.0000 | 0.1660 |
| 1986 | 0.3644 | 0.5746 | 3.147 | 1.872 | 0.7680 | 0.3912 | 0.8287 | 0.3742 | 1.0000 | 0.1670 |
| 1987 | 0.3637 | 0.5752 | 3.216 | 2.024 | 0.7766 | 0.3867 | 0.8223 | 0.3733 | 1.0000 | 0.1680 |
| 1988 | 0.3630 | 0.5758 | 3.287 | 2.189 | 0.7854 | 0.3823 | 0.8160 | 0.3724 | 1.0000 | 0.1690 |
| 1989 | 0.3623 | 0.5764 | 3.359 | 2.367 | 0.7942 | 0.3779 | 0.8097 | 0.3716 | 1.0000 | 0.1700 |
| 1990 | 0.3616 | 0.5770 | 3.433 | 2.559 | 0.8031 | 0.3736 | 0.8035 | 0.3707 | 1.0000 | 0.1710 |
| 1991 | 0.3609 | 0.5776 | 3.508 | 2.767 | 0.8121 | 0.3694 | 0.7973 | 0.3699 | 1.0000 | 0.1720 |
| 1992 | 0.3602 | 0.5782 | 3.585 | 2.992 | 0.8213 | 0.3651 | 0.7912 | 0.3690 | 1.0000 | 0.1730 |
| 1993 | 0.3596 | 0.5788 | 3.664 | 3.235 | 0.8305 | 0.3610 | 0.7851 | 0.3682 | 1.0000 | 0.1741 |
| 1994 | 0.3589 | 0.5795 | 3.745 | 3.498 | 0.8398 | 0.3568 | 0.7791 | 0.3673 | 1.0000 | 0.1751 |
| 1995 | 0.3582 | 0.5801 | 3.827 | 3.782 | 0.8493 | 0.3528 | 0.7731 | 0.3665 | 1.0000 | 0.1762 |
| 1996 | 0.3575 | 0.5807 | 3.911 | 4.089 | 0.8588 | 0.3487 | 0.7672 | 0.3656 | 1.0000 | 0.1772 |
| 1997 | 0.3569 | 0.5813 | 3.997 | 4.422 | 0.8685 | 0.3448 | 0.7613 | 0.3648 | 1.0000 | 0.1783 |
| 1998 | 0.3562 | 0.5819 | 4.085 | 4.781 | 0.8782 | 0.3408 | 0.7555 | 0.3639 | 1.0000 | 0.1793 |
| 1999 | 0.3555 | 0.5825 | 4.174 | 5.170 | 0.8881 | 0.3369 | 0.7497 | 0.3631 | 1.0000 | 0.1804 |
| 2000 | 0.3548 | 0.5832 | 4.266 | 5.590 | 0.8981 | 0.3331 | 0.7439 | 0.3622 | 1.0000 | 0.1815 |
| aver.61-80 | 0.3767 | 0.5673 | 2.269 | 0.6433 | 0.6689 | 0.4883 | 0.9462 | 0.3894 | 1.0000 | 0.1546 |

**TABLE 6: Relative world prices, detailed FAP commodity list. (continued)**

lang list :

relative world prices

| year | pig fat | pltr.fat | fish oil | m. meal | f. meal | w+w+h | pig hid. |
|------|---------|----------|----------|---------|---------|-------|----------|
| 1961 | 0.2510 | 0.7170 | 0.1639 | 0.1407 | 0.1809 | 0.8384 | 0.3992 |
| 1962 | 0.2195 | 0.6677 | 0.1222 | 0.1248 | 0.1824 | 0.7491 | 0.3329 |
| 1963 | 0.1955 | 0.8989 | 0.1339 | 0.1123 | 0.1553 | 0.8712 | 0.3858 |
| 1964 | 0.2254 | 1.075 | 0.1887 | 0.1267 | 0.1758 | 0.8435 | 0.4503 |
| 1965 | 0.2153 | 0.8337 | 0.1948 | 0.1376 | 0.1640 | 0.6420 | 0.4451 |
| 1966 | 0.2056 | 0.6068 | 0.1858 | 0.1187 | 0.1595 | 0.6847 | 0.4942 |
| 1967 | 0.1855 | 0.7037 | 0.1345 | 0.9841e-01 | 0.2643 | 0.6276 | 0.4710 |
| 1968 | 0.1214 | 0.4988 | 0.9134e-01 | 0.8154e-01 | 0.2640 | 0.5645 | 0.4315 |
| 1969 | 0.1744 | 0.4598 | 0.1172 | 0.9142e-01 | 0.2697 | 0.6168 | 0.4641 |
| 1970 | 0.2124 | 0.4004 | 0.1736 | 0.1057 | 0.2313 | 0.5708 | 0.4729 |
| 1971 | 0.1950 | 0.3654 | 0.1768 | 0.8375e-01 | 0.2243 | 0.4753 | 0.4811 |
| 1972 | 0.1379 | 0.2962 | 0.1363 | 0.1057 | 0.2416 | 0.6149 | 0.4231 |
| 1973 | 0.1502 | 0.3106 | 0.1918 | 0.1490 | 0.3253 | .207 | 0.5278 |
| 1974 | 0.2250 | 0.3409 | 0.2628 | 0.1669 | 0.3129 | 0.8468 | 0.3736 |
| 1975 | 0.1907 | 0.2590 | 0.1662 | 0.1026 | 0.2323 | 0.4830 | 0.2765 |
| 1976 | 0.1923 | 0.2345 | 0.1575 | 0.9080e-01 | 0.2317 | 0.5717 | 0.3068 |
| 1977 | 0.2070 | 0.2432 | 0.1133 | 0.1093 | 0.3125 | 0.7311 | 0.3540 |
| 1978 | 0.2022 | 0.2347 | 0.1817 | 0.1073 | 0.2342 | 0.6989 | 0.3922 |
| 1979 | 0.2120 | 0.2605 | 0.1559 | 0.1232 | 0.2436 | 0.8592 | 0.2737 |
| 1980 | 0.1406 | 0.3030 | 0.1487 | 0.1137 | 0.2314 | 0.7500 | 0.9277 |
| 1981 | 0.1721 | 0.1919 | 0.1629 | 0.1075 | 0.2922 | 0.6750 | 0.4173 |
| 1982 | 0.1705 | 0.1777 | 0.1636 | 0.1070 | 0.2994 | 0.6731 | 0.4171 |
| 1983 | 0.1689 | 0.1645 | 0.1643 | 0.1065 | 0.3067 | 0.6713 | 0.4170 |
| 1984 | 0.1673 | 0.1523 | 0.1650 | 0.1061 | 0.3142 | 0.6694 | 0.4169 |
| 1985 | 0.1658 | 0.1411 | 0.1657 | 0.1056 | 0.3220 | 0.6676 | 0.4168 |
| 1986 | 0.1642 | 0.1306 | 0.1665 | 0.1051 | 0.3299 | 0.6658 | 0.4167 |
| 1987 | 0.1627 | 0.1210 | 0.1672 | 0.1047 | 0.3380 | 0.6639 | 0.4166 |
| 1988 | 0.1612 | 0.1120 | 0.1679 | 0.1042 | 0.3463 | 0.6621 | 0.4164 |
| 1989 | 0.1597 | 0.1037 | 0.1686 | 0.1038 | 0.3548 | 0.6603 | 0.4163 |
| 1990 | 0.1582 | 0.9603e-01 | 0.1694 | 0.1033 | 0.3635 | 0.6584 | 0.4162 |
| 1991 | 0.1567 | 0.8892e-01 | 0.1701 | 0.1029 | 0.3724 | 0.6566 | 0.4161 |
| 1992 | 0.1552 | 0.8234e-01 | 0.1709 | 0.1024 | 0.3816 | 0.6548 | 0.4160 |
| 1993 | 0.1538 | 0.7624e-01 | 0.1716 | 0.1020 | 0.3910 | 0.6530 | 0.4158 |
| 1994 | 0.1523 | 0.7060e-01 | 0.1723 | 0.1015 | 0.4006 | 0.6512 | 0.4157 |
| 1995 | 0.1509 | 0.6537e-01 | 0.1731 | 0.1011 | 0.4104 | 0.6494 | 0.4156 |
| 1996 | 0.1495 | 0.6053e-01 | 0.1738 | 0.1006 | 0.4205 | 0.6476 | 0.4155 |
| 1997 | 0.1481 | 0.5605e-01 | 0.1746 | 0.1002 | 0.4308 | 0.6459 | 0.4154 |
| 1998 | 0.1467 | 0.5190e-01 | 0.1754 | 0.9975e-01 | 0.4414 | 0.6441 | 0.4152 |
| 1999 | 0.1454 | 0.4806e-01 | 0.1761 | 0.9931e-01 | 0.4523 | 0.6423 | 0.4151 |
| 2000 | 0.1440 | 0.4450e-01 | 0.1769 | 0.9887e-01 | 0.4634 | 0.6405 | 0.4150 |
| aver.61-80 | 0.1929 | 0.4855 | 0.1598 | 0.1145 | 0.2318 | 0.7124 | 0.4342 |

**TABLE 6: Relative world prices, detailed FAP commodity list. (continued)**

**REFERENCES**

Fischer, G., and U. Sichra. *The Aggregation of the Agricultural Supply Utilization Accounts.* WP-83-42. IIASA, Laxenburg, 1983.

Sichra, U. *The FAP Data Bank: Part 2: Updating and Aggregating --Methods and Practice.* WP-84-94. IIASA, Laxenburg, December 1984.

**APPENDIX A1: Tabulation and Plots of World Prices.**

The activities to produce tables and plots on the computer are split into 2 groups:

**a)** Create tables, raw data and make regressions for the plots;

**b)** Draw the plots.

**CREATE**

The fortran program "wptab.f" creates various files from the raw input data (world prices in SUA format, for 27, 19, 16 and 10 commodities). These are:

- **wpxx.list**: table of prices, with linear (or exponential) extrapolations)

- **wpxx.raw**: raw price data, in a format suitable for the plot package.

- **wpxx.reg**: linear regressions of the price time series and linear extrapolations.

- **wpxx.exp**: exponential regression of the price time series, and exponential extrapolations.

- **wpxx.che**: control output and results of the regressions.

(**xx**=9 or **xx**=27, depending on the aggregation)

The tables in **wpxx.list** consist of 2 parts: the data between 1961 and 1980 are historical time series, computed according to the methodology described above. The series between 1981 and 2000 are extrapolations (linear or exponential) of the historical time series.

There are 2 types of tables for the various commodities:

- the nominal prices, i.e. absolute prices, and

• the relative prices (relative to the non-agriculture price).

The three files (...raw, ...reg, and ...exp) have a similar format. They are basically data records, with one full time series per record. Each commodity starts a new record. The plot package described below reads from these files.

## DRAW

The program to make the plots is a package called NEWPLOT, available on the VAX 11/780 at IIASA. This package can be operated interactively or in batch mode. The resulting plot file can be listed directly on a video terminal (and thus the plot immediately seen), or after a further conversion sent to the Varian (di-vn <file |vnsort) or the BBC-plotter (di-bbc <file).

The grouping of plots, their minima and maxima, headings, etc. is controlled by the file in.wpxxyy,

where $xx$ = 9 or 27, depending on the level of aggregation,

and   $yy$ = rl relative, with extrapolation,

$yy$ = nl nominal, with extrapolation,

$yy$ = r relative,

$yy$ = n nominal.

Whether linear or exponential extrapolation is taken depends on the input line

"read wpxx.zzz,..."

in the plot control file.

if $zzz$ = reg: linear extrapolation will be plotted,

if $zzz$ = exp: the extrapolation is exponential.

All instructions for plotting and the conversion to "varian" format are contained in the shell file

wpplot.run

This file is listed below.

```
#    input for this program is the file wpxx.raw
#    which results from the run "wptab.run xx"
#    shell parameters $1 ... 9 or 27, depending on aggregation
#     $2 rl (relative and regression),
#     nl (nominal and reg),
#     r (relative),
#     n (nominal)
#    save control input file from destruction
     cat in.wp$1$2 >tmpp
#    remove all rests from the previous plot
     rm newplot.db newplot.graph newplot.prot newplot.save
#    call the package and plot
     newplot -f tmpp -d wp$1.raw -o wp$1$2.gr
#    prepare the plot file for the varian printer
     di-vn <wp$1$2.gr |vnsort > wp$1$2.var
```

A sample control input file is listed in Appendix A2.

## APPENDIX A2: Sample Control File for NEWPLOT

```
note      ***** plots for world prices nom, 10 and 16 commodities
obs       20
vars      52
orde      col
form      (10x,20g12.4)
type      line
basi      ,1961,1
scal      no
xmin      1960
xmax      1980
xsc       5
xfm       (f5.0,t5,' ')
yfm       (f7.0,t7,' ')
tlgd      ,0.16
lgd       yes,0.16
symb      1,2,3,4,5,6,7,8,9,0,*,+
wind      0.0,0.0,8.45,10.56
read      ,n01,n02,n03,n04,n05,n06,n07,n08,n09,n10,n11,
          n12,n13,n14,n15,n16
skip      11
read      ,r01,r02,r03,r04,r05,r06,r07,r08,r09,r10,r11,
          r12,r13,r14,r15,r16
skip      11
read      ,s01,s02,s03,s04,s05,s06,s07,s08,s09,s10
skip      9
read      ,t01,t02,t03,t04,t05,t06,t07,t08,t09,t10
gt        wheat rice grains dairy\ \world price in $
ymin      0.
ymax      400.
ysc       10
upda      n01,lab,wheat
upda      n02,lab,rice
upda      n03,lab,grains
upda      n05,lab,dairy
load      wheat,rice,grains,dairy
print
plot      1961,20
gt        bov.meat oth.meat prt.feed\ \world price in $
upda      n04,lab,bov.meat
upda      n06,lab,oth.meat
upda      n07,lab,prot.feed
upda      s07,lab,prt.feed
load      bov.meat,oth.meat,prt.feed
ymin      0.
ymax      10000.
plot      1961,20
gt        other meat \ \world price in $
load      oth.meat
plot      1961,20
gt        protein feed\ \world price in $
load      prt.feed
ymax      1000.
```

```
plot    1961,20
gt      oth.food non-food non-ag\\world price in $
upda    n08,lab,oth.food
upda    n09,lab,non-food
upda    n10,lab,non-ag
load    oth.food,non-food,non-ag
ymin    250.
ymax    2750.
plot    1961,20
gt      bov.fat oth.fat\\world price in $
upda    n11,lab,bov.fat
upda    n12,lab,oth.fat
load    bov.fat,oth.fat
ymin    250.
ymax    2750.
plot    1961,20
gt      m.meal f.meal\\world price in $
upda    n13,lab,m.meal
upda    n14,lab,f.meal
load    m.meal,f.meal
ymin    0.
ymax    800.
plot    1961,20
gt      h-h-w pig-hid.\\world price in $
upda    n15,lab,h-h-w
upda    n16,lab,pig-hid.
load    h-h-w,pig-hid.
ymin    0.
ymax    2500.
plot    1961,20
gt      oth.food non-food non-ag\\world price in $
upda    s08,lab,o.f-10
upda    s09,lab,n-f-10
upda    s10,lab,n-ag-10
load    o.f-10,n-f-10,n-ag-10
ymin    250.
ymax    2750.
plot    1961,20
gt      other food \\world price in $
load    o.f-10
ymin    0.
ymax    2000.
plot    1961,20
gt      non-food\\world price in $
load    n-f-10
ymin    250.
ymax    2750.
plot    1961,20
gt      10 commodities \\world price in $
load    wheat,rice,grains,dairy,bov.meat,oth.meat,prt.feed,\\
        o.f-10,n-f-10,n-ag-10
ymin    0.
ymax    3000.
lgd     no
```

```
tran    .....*0.1
plot    1961,20
stop
```

## APPENDIX B1: Smallest Prices, Original Commodities, 1961–76.

The table gives, for each commodity (leftmost column), the smallest price and an associated index for each year. Years are printed in pairs (upper year / lower year) across eight columns: 1961/1969, 1962/1970, 1963/1971, 1964/1972, 1965/1973, 1966/1974, 1967/1975, 1968/1976.

Prices — first-year series (1961, 1962, 1963) and second-year series (1969, 1970, 1971):

| Comm. | 1961 | 1962 | 1963 | 1969 | 1970 | 1971 |
|---|---|---|---|---|---|---|
| 15 | 55.32 | 59.26 | 57.41 | 123.92 | 145.92 | 136.78 |
| 16 | 66.00 | 70.28 | 63.34 | 134.67 | 200.16 | 190.23 |
| 17 | 41.79 | 42.29 | 44.76 | 67.55 | 84.77 | 92.07 |
| 18 | 135.74 | 152.55 | 153.31 | 227.20 | 482.58 | 433.97 |
| 20 | 264.10 | 263.38 | 286.16 | 374.58 | 421.11 | 402.72 |
| 22 | 478.02 | 527.31 | 546.38 | 420.40 | 453.49 | 483.66 |
| 23 | 0. | 0. | 0. | 210.78 | 261.41 | 266.78 |
| 27 | 144.01 | 74.54 | 146.79 | 234.06 | 258.28 | 92.46 |
| 28 | 119.75 | 132.89 | 141.40 | 199.19 | 355.21 | 248.45 |
| 31 | 127.84 | 143.43 | 170.04 | 231.78 | 308.08 | 219.10 |
| 32 | 106.04 | 102.74 | 129.31 | 242.10 | 212.50 | 160.21 |
| 34 | 0. | 287.33 | 331.17 | 463.41 | 699.69 | 1058.51 |
| 35 | 16.85 | 25.86 | 11.32 | 10.61 | 35.37 | 59.28 |
| 36 | 0. | 0. | 0. | 0. | 300.00 | 140.00 |
| 37 | 35.92 | 31.02 | 27.63 | 44.15 | 53.97 | 56.37 |
| 41 | 161.04 | 152.50 | 176.54 | 625.00 | 662.75 | 333.80 |
| 44 | 56.86 | 55.95 | 54.02 | 104.19 | 124.93 | 124.10 |
| 46 | 44.19 | 64.82 | 50.09 | 135.99 | 133.16 | 183.13 |
| 49 | 104.74 | 106.16 | 110.16 | 194.46 | 228.70 | 210.17 |
| 50 | 287.50 | 298.71 | 244.66 | 393.83 | 464.22 | 438.74 |
| 51 | 123.43 | 126.01 | 111.10 | 147.66 | 158.75 | 135.28 |
| 56 | 50.72 | 51.77 | 46.05 | 96.35 | 131.42 | 114.91 |
| 58 | 62.98 | 56.08 | 52.64 | 127.12 | 136.62 | 124.38 |
| 59 | 92.15 | 43.45 | 43.03 | 50.55 | 107.33 | 58.57 |
| 60 | 340.00 | 276.35 | 261.29 | 586.34 | 895.61 | 648.30 |
| 61 | 73.82 | 80.30 | 81.60 | 136.53 | 151.19 | 115.78 |
| 64 | 90.16 | 93.95 | 89.19 | 192.85 | 218.04 | 222.85 |
| 71 | 48.10 | 51.85 | 46.84 | 111.19 | 114.11 | 112.80 |
| 72 | 77.86 | 81.25 | 76.06 | 139.60 | 109.24 | 200.44 |

Commodity 15, full series (example; 1964–1968 / 1972–1976):

| Comm. | 1964 | 1965 | 1966 | 1967 | 1968 | 1972 | 1973 | 1974 | 1975 | 1976 |
|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 59.06 | 54.69 | 53.43 | 58.14 | 65.85 | 60.85 | 58.77 | 77.12 | 80.60 | 101.05 |

This page consists of a dense, rotated numeric data table. The tabulated values (best reading) are presented below. Each column group contains an integer ID column and a decimal value column. The row identifiers printed along the bottom edge are:

Row identifiers: 75, 76, 79, 80, 83, 84, 85, 89, 90, 101, 103, 104, 105, 108, 109, 110, 111, 112, 113, 116, 117, 119, 121, 122, 125, 126, 127, 128, 129, 136

| Row | C1 (id, val) | C2 (id, val) | C3 (id, val) | C4 (id, val) | C5 (id, val) | C6 (id, val) | C7 (id, val) | C8 (id, val) |
|---|---|---|---|---|---|---|---|---|
| 75 | 210, 39.54 | 210, 35.99 | 33, 46.04 | 203, 36.98 | 9, 39.64 | 9, 40.97 | 9, 43.79 | 9, 47.87 |
| 76 | 0, 0. | 0, 0. | 0, 0. | 0, 0. | 0, 0. | 33, 113.72 | 10, 101.25 | 228, 98.69 |
| 79 | 78, 85.84 | 78, 51.54 | 9, 87.02 | 9, 69.86 | 9, 60.31 | 9, 55.22 | 78, 111.74 | 10, 78.64 |
| 80 | 9, 75.66 | 9, 61.06 | 9, 55.86 | 9, 36.47 | 9, 35.58 | 9, 129.78 | 9, 197.03 | 9, 162.88 |
| 83 | 0, 0. | 0, 0. | 114, 166.67 | 114, 222.22 | 114, 77.56 | 9, 46.08 | 9, 44.01 | 9, 41.65 |
| 84 | 114, 161.29 | 114, 69.41 | 166.67 | 0, 0. | 114, 77.56 | 9, 103.69 | 9, 127.96 | 9, 87.16 |
| 85 | 0, 0. | 9, 51.99 | 0, 0. | 40.64 | 40.29 | 460.78 | 561.40 | 0, 0. |
| 89 | 10, 62.41 | 210, 166.67 | 47.31 | 0, 0. | 9, 76.92 | 42.57 | 44.24 | 38.82 |
| 90 | 0, 0. | 0, 0. | 0, 0. | 0, 0. | 165, 61.61 | 97.50 | 95.42 | 96.24 |
| 101 | 165, 49.18 | 165, 61.92 | 165, 57.33 | 165, 35.89 | 0, 0. | 50.09 | 85.71 | 0, 0. |
| 103 | 9, 58.25 | 9, 88.79 | 33, 85.05 | 33, 98.39 | 9, 104.39 | 95.80 | 46.56 | 44.21 |
| 104 | 33, 130.33 | 33, 105.54 | 228, 71.27 | 228, 108.77 | 228, 115.26 | 52.00 | 102.80 | 83.28 |
| 105 | 228, 242.45 | 228, 140.55 | 9, 97.16 | 138, 138.57 | 261.70 | 108.25 | 162.65 | 77.65 |
| 108 | 191.12 | 10, 100.33 | 173, 104.90 | 68, 84.89 | 68, 54.02 | 197.11 | 117.50 | 175.74 |
| 109 | 173, 168.50 | 173, 136.45 | 33, 121.31 | 70.92 | 156.23 | 118.28 | 290.05 | 106.32 |
| 110 | 15, 166.45 | 15, 136.45 | 33, 62.59 | 62.52 | 56.84 | 269.64 | 127.50 | 522.35 |
| 111 | 68, 93.48 | 33, 63.44 | 101, 36.90 | 41.89 | 16.17 | 183.15 | 285.88 | 94.92 |
| 112 | 101, 41.63 | 101, 39.91 | 231, 267.32 | 74.71 | 74.11 | 296.81 | 101.21 | 237.67 |
| 113 | 231, 344.00 | 104, 198.21 | 150, 1752.14 | 1055.56 | 1000.00 | 66.67 | 287.16 | 67.91 |
| 116 | 229, 1440.00 | 150, 1690.65 | 97, 48.98 | 51.45 | 70.24 | 339.17 | 130.97 | 216.97 |
| 117 | 97, 51.78 | 97, 30.92 | 229, 68.92 | 45.06 | 48.69 | 122.69 | 328.46 | 93.56 |
| 119 | 231, 60.32 | 229, 70.29 | 68, 73.50 | 85.35 | 95.68 | 134.30 | 81.86 | 302.08 |
| 121 | 78, 127.59 | 68, 57.13 | 15, 37.06 | 36.81 | 50.05 | 58.31 | 36.23 | 66.43 |
| 122 | 173, 55.95 | 173, 47.61 | 54, 127.98 | 130.96 | 119.97 | 74.32 | 48.12 | 106.10 |
| 125 | 54, 200.00 | 54, 119.69 | 228, 94.32 | 92.55 | 93.40 | 49.59 | 48.71 | 58.22 |
| 126 | 228, 154.13 | 78, 114.30 | 78, 110.91 | 101.57 | 85.28 | 50.43 | 81.00 | 49.84 |
| 127 | 68, 148.18 | 68, 114.51 | 223, 68.32 | 71.79 | 85.96 | 77.38 | 484.09 | 87.23 |
| 128 | 223, 93.11 | 59, 89.64 | 78, 122.81 | 0, 0. | 0, 0. | 522.85 | 1287.88 | 309.66 |
| 129 | 78, 97.20 | 78, 77.37 | 216, 53.07 | 44.33 | 43.36 | 1288.89 | 2315.79 | 500.00 |
| 136 | 216, 66.98 | 216, 56.73 | 21, 220.69 | 23.62 | 23.43 | 2083.33 | 74.10 | 2171.27 |

Additional value readings present in the lower bands include: 127.40, 50.09, 125.62, 172.41; 225.64, 38.28, 150.00, 143.71; 32.48, 102.29, 78.57; 83.74; 181.14, 46.27, 48.16, 74.52, 211.88, 33.86, 138.11, 131.42, 354.13, 103.44, 224.05, 98.90, 251.50, 78.53, 99.71, 133.33, 91.45, 42.33, 99.24, 207.00, 87.40, 26.22, 72.46, 90.28, 286.98, 214.84; 78.02, 35.63, 71.28, 84.68, 141.74, 39.33, 58.07, 368.55, 284.63, 111.67, 198.99, 58.76, 221.97, 49.00, 113.68, 40.00, 138.39, 2.65, 70.94, 187.82, 168.37, 15.69, 60.32, 86.56, 166.01, 126.46.

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 137 | 174 | 45.05 | 174 | 42.11 | 174 | 40.40 | 174 | 51.55 | 174 | 62.50 | 174 | 109.38 | 174 | 174.60 | 174 | 305.34 |
| 149 | 174 | 426.90 | 174 | 619.35 | 174 | 250.00 | 15 | 0. | 15 | 0. | 0 | 47.62 | 0 | 45.83 | 15 | 0. |
| 150 | 150 | 69.11 | 114 | 43.72 | 15 | 54.88 | 15 | 46.26 | 0 | 47.62 | 72.59 | | 114 | 45.83 | 101 | 58.26 |
| 156 | 150 | 110.33 | 101 | 121.59 | 150 | 118.46 | 101 | 11.28 | 101 | 12.38 | 101 | 14.04 | 101 | 21.79 | 101 | 21.74 |
| 157 | 101 | 11.25 | 101 | 17.14 | 101 | 11.56 | 100 | 13.16 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 162 | 174 | 175.00 | 68 | 9.76 | 68 | 51.55 | 0 | 0. | 0 | 0. | 0 | 13.73 | 0 | 0. | 54 | 0. |
| 163 | 100 | 11.57 | 0 | 0. | 0 | 0. | 54 | 13.78 | 54 | 22.57 | 54 | 13.73 | 54 | 16.97 | 0 | 21.34 |
| 164 | 54 | 15.79 | 54 | 14.57 | 54 | 13.65 | 10 | 64.38 | 0 | 88.91 | 0 | 105.09 | 0 | 122.70 | 10 | 0. |
| 165 | 15 | 27.16 | 97 | 17.38 | 15 | 29.19 | 173 | 0. | 216 | 0. | 216 | 0. | 0 | 0. | 0 | 154.64 |
| 167 | 173 | 51.13 | 173 | 45.54 | 173 | 50.28 | 10 | 106.12 | 100 | 151.80 | 100 | 221.29 | 114 | 235.29 | 114 | 181.82 |
| 168 | 10 | 182.29 | 68 | 410.17 | 21 | 254.01 | 114 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 169 | 100 | 119.62 | 114 | 117.65 | 114 | 117.77 | 51 | 68.64 | 51 | 84.97 | 165 | 95.77 | 77 | 150.09 | 77 | 190.22 |
| 170 | 114 | 221.51 | 114 | 213.09 | 114 | 490.20 | 101 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 171 | 51 | 51.95 | 51 | 44.44 | 51 | 56.02 | 10 | 14.22 | 10 | 16.80 | 10 | 14.00 | 10 | 14.20 | 138 | 19.35 |
| 176 | 150 | 329.34 | 15 | 119.86 | 21 | 281.79 | 15 | 35.40 | 15 | 153.81 | 10 | 35.36 | 10 | 36.25 | 10 | 62.97 |
| 181 | 101 | 13.27 | 101 | 15.98 | 138 | 18.81 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 187 | 165 | 38.83 | 84 | 30.07 | 10 | 28.06 | 27 | 294.67 | 27 | 265.14 | 27 | 268.02 | 173 | 435.67 | 173 | 493.39 |
| 191 | 27 | 131.71 | 138 | 24.37 | 138 | 20.63 | 15 | 11.50 | 15 | 12.04 | 15 | 11.09 | 15 | 51.27 | 15 | 28.10 |
| 197 | 173 | 86.94 | 106 | 368.21 | 106 | 301.71 | 11 | 37.82 | 11 | 46.33 | 11 | 63.05 | 11 | 99.25 | 11 | 62.11 |
| 201 | 68 | 291.94 | 27 | 295.91 | 27 | 296.30 | 229 | 329.64 | 15 | 205.50 | 68 | 369.14 | 229 | 293.13 | 216 | 156.74 |
| 205 | 15 | 587.43 | 21 | 689.44 | 21 | 740.49 | 21 | 40.98 | 138 | 84.40 | 216 | 144.62 | 216 | 149.91 | 216 | 190.34 |
| 210 | 11 | 32.27 | 15 | 6.32 | 68 | 30.02 | 229 | 85.52 | 229 | 88.83 | 0 | 101.88 | 0 | 102.59 | 229 | 172.07 |
| 211 | 11 | 78.71 | 11 | 25.12 | 15 | 63.72 | 228 | 81.89 | 183 | 84.29 | 223 | 75.13 | 54 | 106.84 | 156 | 153.00 |
| 212 | 11 | 65.66 | 78 | 28.47 | 11 | 42.00 | 223 | 99.54 | 0 | 0. | 0 | 75.13 | 0 | 156.92 | 138 | 206.70 |
| 216 | 173 | 99.43 | 11 | 174.79 | 78 | 25.07 | 100 | 209.68 | 100 | 174.61 | 100 | 231.68 | 138 | 307.96 | 0 | 0. |
| 217 | 216 | 122.34 | 173 | 100.34 | 229 | 331.31 | 223 | 161.84 | 223 | 248.64 | 228 | 287.43 | 100 | 251.13 | 203 | 306.61 |
| 220 | 216 | 110.84 | 101 | 28.57 | 68 | 629.47 | 27 | 90.36 | 27 | 141.81 | 27 | 202.53 | 231 | 99.80 | 0 | 0. |
| 221 | 216 | 256.36 | 216 | 123.74 | 21 | 42.72 | 9 | 142.86 | 0 | 101.01 | 0 | 98.36 | 27 | 98.47 | 10 | 90.80 |
| 222 | 10 | 14.30 | 216 | 263.45 | 9 | 279.47 | 101 | 35.00 | 0 | 0. | 10 | 44.17 | 10 | 0. | 216 | 158.27 |
| 223 | 223 | 203.20 | 59 | 78.57 | 54 | 77.64 | 101 | 26.67 | 101 | 25.13 | 101 | 25.13 | 101 | 25.94 | 68 | 161.88 |

| Row | V1 | C1 | V2 | C2 | V3 | C3 | V4 | C4 | V5 | C5 | V6 | C6 | V7 | C7 | V8 | C8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 225 | 838.42 | 106 | 920.50 | 106 | 1018.40 | 106 | 1079.19 | 106 | 1024.27 | 106 | 1042.09 | 106 | 1040.64 | 106 | 1161.55 | 106 |
|  | 1375.95 | 106 | 1432.17 | 106 | 1285.41 | 106 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 234 | 101.79 | 159 | 118.20 | 159 | 89.18 | 159 | 85.53 | 159 | 103.55 | 159 | 94.84 | 159 | 119.00 | 159 | 80.65 | 159 |
|  | 124.75 | 159 | 131.54 | 159 | 253.68 | 229 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 236 | 107.46 | 159 | 96.02 | 229 | 101.10 | 231 | 94.30 | 21 | 93.51 | 21 | 113.90 | 21 | 123.33 | 21 | 208.55 | 231 |
|  | 214.72 | 21 | 205.47 | 21 | 216.24 | 231 | 0 | 0 | 0 | 0 | 0 | 0 | 244.76 | 21 | 0 | 203 |
| 237 | 261.25 | 21 | 232.19 | 54 | 187.52 | 54 | 177.85 | 203 | 245.03 | 203 | 294.56 | 203 | 244.76 | 21 | 258.40 | 203 |
|  | 678.36 | 54 | 580.72 | 21 | 394.70 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 108.41 | 21 | 0 | 33 |
| 238 | 78.89 | 21 | 81.52 | 9 | 80.72 | 21 | 79.27 | 21 | 83.06 | 21 | 90.45 | 21 | 108.41 | 101 | 168.85 | 101 |
|  | 149.99 | 21 | 148.64 | 101 | 152.16 | 9 | 0 | 0 | 0 | 0 | 186.88 | 138 | 75.21 | 21 | 0 | 159 |
| 242 | 195.99 | 216 | 60.83 | 101 | 54.60 | 101 | 81.67 | 101 | 111.46 | 138 | 186.88 | 138 | 75.21 | 21 | 74.10 | 159 |
|  | 57.73 | 101 | 279.43 | 138 | 106.53 | 9 | 0 | 0 | 0 | 0 | 247.10 | 21 | 244.09 | 21 | 0 | 21 |
| 243 | 196.36 | 138 | 180.70 | 159 | 163.93 | 159 | 94.82 | 101 | 130.90 | 101 | 247.10 | 21 | 244.09 | 21 | 348.18 | 159 |
|  | 357.27 | 159 | 551.82 | 159 | 473.37 | 159 | 0 | 0 | 0 | 0 | 334.14 | 9 | 355.60 | 159 | 0 | 159 |
| 244 | 248.65 | 159 | 230.27 | 100 | 238.18 | 100 | 271.48 | 9 | 284.87 | 9 | 334.14 | 9 | 355.60 | 159 | 324.43 | 159 |
|  | 768.85 | 9 | 853.76 | 9 | 610.26 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 21 |
| 245 | 75.24 | 159 | 78.47 | 21 | 76.86 | 9 | 73.80 | 21 | 78.09 | 21 | 79.09 | 100 | 85.69 | 100 | 180.65 | 21 |
|  | 135.86 | 21 | 110.20 | 21 | 122.61 | 21 | 0 | 0 | 0 | 0 | 33.64 | 21 | 47.33 | 101 | 0 | 159 |
| 249 | 53.06 | 216 | 69.84 | 216 | 60.98 | 21 | 77.20 | 159 | 63.00 | 159 | 33.64 | 21 | 47.33 | 101 | 32.71 | 159 |
|  | 43.21 | 159 | 92.46 | 114 | 100.84 | 138 | 0 | 0 | 0 | 0 | 362.32 | 101 | 0 | 0 | 0 | 100 |
| 250 | 273.97 | 150 | 234.04 | 54 | 450.00 | 150 | 412.46 | 78 | 490.08 | 78 | 362.32 | 101 | 111.11 | 101 | 95.59 | 100 |
|  | 886.96 | 21 | 593.50 | 150 | 652.37 | 150 | 149.68 | 9 | 163.74 | 101 | 160.69 | 101 | 102.59 | 101 | 0 | 101 |
| 251 | 127.43 | 101 | 119.29 | 101 | 197.47 | 101 | 149.68 | 101 | 163.74 | 101 | 160.69 | 101 | 102.59 | 101 | 117.67 | 101 |
|  | 0 | 0 | 99.65 | 101 | 88.32 | 101 | 84.02 | 101 | 270.82 | 101 | 303.84 | 216 | 139.92 | 216 | 0 | 101 |
| 252 | 288.33 | 150 | 268.36 | 150 | 287.09 | 150 | 84.02 | 101 | 270.82 | 101 | 303.84 | 216 | 139.92 | 101 | 157.41 | 101 |
|  | 574.61 | 231 | 123.97 | 231 | 123.31 | 231 | 8.33 | 21 | 27.89 | 216 | 41.72 | 174 | 43.33 | 21 | 0 | 159 |
| 253 | 39.51 | 101 | 18.70 | 101 | 13.06 | 101 | 8.33 | 21 | 27.89 | 216 | 41.72 | 174 | 43.33 | 21 | 72.60 | 101 |
|  | 102.05 | 101 | 83.51 | 101 | 84.98 | 101 | 108.90 | 101 | 129.72 | 101 | 105.72 | 101 | 72.91 | 68 | 0 | 21 |
| 256 | 120.26 | 101 | 103.09 | 101 | 124.42 | 101 | 108.90 | 101 | 129.72 | 101 | 105.72 | 101 | 72.91 | 101 | 124.24 | 101 |
|  | 334.91 | 101 | 135.37 | 101 | 121.86 | 101 | 0 | 0 | 0 | 0 | 213.80 | 159 | 174.52 | 9 | 0 | 10 |
| 257 | 188.63 | 101 | 176.75 | 101 | 128.06 | 101 | 134.45 | 101 | 220.62 | 101 | 213.80 | 159 | 174.52 | 101 | 267.08 | 101 |
|  | 559.40 | 101 | 199.91 | 159 | 334.08 | 159 | 0 | 0 | 276.86 | 110 | 291.02 | 101 | 249.90 | 9 | 0 | 9 |
| 258 | 273.20 | 159 | 268.49 | 229 | 319.83 | 229 | 242.69 | 21 | 276.86 | 110 | 291.02 | 101 | 249.90 | 159 | 294.52 | 159 |
|  | 807.32 | 159 | 337.27 | 101 | 351.63 | 101 | 0 | 0 | 0 | 0 | 0 | 21 | 50.01 | 21 | 0 | 101 |
| 259 | 66.41 | 101 | 49.42 | 21 | 56.00 | 21 | 45.51 | 21 | 52.61 | 21 | 55.97 | 110 | 50.01 | 21 | 72.58 | 174 |
|  | 69.30 | 21 | 63.27 | 101 | 76.65 | 101 | 195.21 | 174 | 244.53 | 174 | 283.78 | 21 | 112.90 | 68 | 0 | 223 |
| 260 | 358.63 | 101 | 315.79 | 174 | 238.10 | 174 | 195.21 | 203 | 244.53 | 203 | 283.78 | 174 | 112.90 | 101 | 316.55 | 174 |
|  | 0 | 223 | 598.93 | 223 | 619.05 | 223 | 570.34 | 223 | 662.40 | 9 | 623.59 | 9 | 736.20 | 9 | 0 | 9 |
| 261 | 620.25 | 0 | 548.70 | 84 | 677.73 | 84 | 570.34 | 9 | 662.40 | 9 | 623.59 | 9 | 736.20 | 21 | 1021.74 | 223 |
|  | 1365.58 | 203 | 1651.02 | 174 | 1188.94 | 174 | 357.01 | 159 | 394.32 | 159 | 425.30 | 174 | 451.84 | 10 | 0 | 174 |
| 262 | 373.55 | 223 | 430.97 | 9 | 386.84 | 174 | 357.01 | 159 | 394.32 | 159 | 425.30 | 174 | 451.84 | 174 | 597.91 | 174 |
|  | 640.69 | 9 | 605.36 | 9 | 839.30 | 9 | 0 | 0 | 138.34 | 101 | 79.20 | 159 | 88.92 | 183 | 0 | 159 |
| 263 | 88.00 | 9 | 92.78 | 159 | 125.82 | 159 | 149.79 | 159 | 138.34 | 101 | 79.20 | 159 | 88.92 | 101 | 94.33 | 159 |
|  | 175.28 | 159 | 260.99 | 159 | 209.04 | 159 | 0 | 0 | 0 | 0 | 15.84 | 101 | 16.98 | 9 | 0 | 101 |
| 265 | 51.75 | 159 | 50.62 | 101 | 41.56 | 101 | 17.15 | 101 | 17.65 | 101 | 15.84 | 101 | 16.98 | 21 | 20.00 | 101 |
|  | 22.07 | 101 | 18.87 | 165 | 213.06 | 165 | 0 | 0 | 0 | 0 | 296.01 | 21 | 424.71 | 9 | 0 | 21 |
| 266 | 234.97 | 101 | 292.63 | 68 | 265.71 | 68 | 245.01 | 21 | 249.09 | 21 | 296.01 | 21 | 424.71 | 9 | 932.80 | 21 |
|  | 824.76 | 110 | 522.92 | 21 | 544.06 | 21 | 0 | 0 | 146.62 | 228 | 130.35 | 33 | 128.16 | 9 | 0 | 10 |
| 267 | 142.85 | 21 | 131.93 | 97 | 133.07 | 97 | 123.00 | 228 | 146.62 | 228 | 130.35 | 33 | 128.16 | 9 | 170.29 | 10 |
|  | 174.72 | 21 | 309.74 | 10 | 264.53 | 10 | 0 | 0 | 209.65 | 97 | 264.58 | 9 | 306.52 | 97 | 356.34 | 183 |
| 268 | 240.65 | 228 | 210.69 | 183 | 188.22 | 97 | 189.49 | 97 | 209.65 | 97 | 264.58 | 9 | 306.52 | 33 | 356.34 | 183 |
|  | 696.41 | 228 | 743.88 | 9 | 474.43 | 9 | 0 | 0 | 0 | 0 | 0 | 9 | 78.00 | 173 | 0 | 9 |
| 269 | 60.95 | 9 | 63.68 | 9 | 63.41 | 33 | 56.50 | 106 | 63.80 | 106 | 68.89 | 97 | 78.00 | 173 | 129.00 | 9 |
|  | 112.19 | 228 | 118.89 | 33 | 115.94 | 210 | 92.94 | 173 | 119.19 | 33 | 126.12 | 97 | 117.50 | 33 | 0 | 210 |
| 270 | 112.81 | 9 | 104.38 | 210 | 90.10 | 210 | 92.94 | 173 | 119.19 | 33 | 126.12 | 97 | 117.50 | 33 | 165.88 | 210 |
|  | 305.86 | 9 | 269.19 | 173 | 217.46 | 173 | 176.92 | 173 | 270.46 | 173 | 250.00 | 33 | 229.32 | 173 | 0 | 33 |
| 271 | 97.43 | 33 | 180.47 | 51 | 152.30 | 173 | 176.92 | 173 | 270.46 | 173 | 250.00 | 33 | 229.32 | 173 | 294.03 | 33 |
|  | 522.64 | 54 | 501.90 | 97 | 415.78 | 150 | 59.76 | 78 | 68.53 | 78 | 50.99 | 33 | 51.04 | 165 | 0 | 165 |
| 272 | 56.99 | 165 | 52.67 | 165 | 63.04 | 106 | 59.76 | 106 | 68.53 | 106 | 50.99 | 33 | 51.04 | 165 | 62.77 | 165 |
|  | 102.46 | 165 | 61.45 | 100 | 106.01 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 273 | 11.19 | 106 | 11.57 | 106 | 20.71 | 106 | 15.54 | 106 | 15.78 | 106 | 15.26 | 106 | 13.94 | 106 | 15.51 | 106 |
| 274 | 18.32 | 106 | 25.86 | 106 | 26.65 | 106 | 420.45 | 84 | 478.22 | 84 | 437.62 | 203 | 490.57 | 84 | 709.53 | 203 |
| 276 | 270.73 | 84 | 350.47 | 84 | 281.67 | 84 | 231.25 | 21 | 390.40 | 150 | 243.76 | 9 | 184.56 | 9 | 360.05 | 9 |
| 280 | 1142.06 | 203 | 937.59 | 203 | 813.54 | 203 | 93.34 | 231 | 97.14 | 231 | 126.08 | 231 | 101.65 | 231 | 125.34 | 138 |
| 281 | 353.13 | 9 | 224.75 | 9 | 206.03 | 100 | 0. | 0 | 571.43 | 174 | 666.67 | 174 | 1000.00 | 174 | 750.00 | 174 |
| 282 | 626.06 | 231 | 471.65 | 231 | 679.26 | 9 | 32.55 | 138 | 32.28 | 138 | 19.93 | 138 | 21.86 | 138 | 33.38 | 138 |
| 289 | 118.09 | 138 | 110.95 | 138 | 101.22 | 231 | 234.75 | 159 | 238.84 | 216 | 214.03 | 216 | 36.91 | 101 | 43.34 | 101 |
| 290 | 334.94 | 0 | 241.27 | 100 | 157.12 | 100 | 576.57 | 110 | 623.40 | 54 | 448.60 | 229 | 500.00 | 229 | 990.63 | 54 |
| 291 | 222.22 | 0 | 0. | 0 | 0. | 0 | 73.83 | 165 | 79.86 | 100 | 74.98 | 100 | 73.04 | 100 | 97.37 | 165 |
| 292 | 1000.00 | 174 | 0. | 0 | 818.18 | 0 | 125.91 | 33 | 105.95 | 33 | 104.56 | 33 | 111.55 | 33 | 193.29 | 33 |
| 293 | 0. | 0 | 39.63 | 100 | 57.69 | 138 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 |
| 296 | 41.42 | 100 | 73.18 | 97 | 41.10 | 101 | 275.00 | 165 | 265.88 | 97 | 216.22 | 27 | 220.57 | 100 | 158.96 | 100 |
| 299 | 57.06 | 101 | 41.38 | 101 | 396.09 | 114 | 222.22 | 159 | 240.88 | 159 | 104.05 | 159 | 107.31 | 159 | 476.19 | 27 |
| 329 | 59.47 | 138 | 496.00 | 114 | 517.65 | 138 | 56.36 | 228 | 45.39 | 10 | 76.96 | 216 | 63.82 | 216 | 70.57 | 216 |
| 331 | 536.78 | 100 | 1576.00 | 100 | 839.86 | 100 | 265.51 | 231 | 290.38 | 228 | 291.99 | 228 | 298.33 | 231 | 344.88 | 9 |
| 332 | 1341.68 | 100 | 58.09 | 100 | 80.75 | 100 | 52.63 | 100 | 59.96 | 21 | 59.41 | 59 | 70.64 | 21 | 92.16 | 165 |
| 333 | 73.88 | 100 | 159.53 | 100 | 148.11 | 100 | 115.60 | 231 | 103.57 | 231 | 100.96 | 33 | 116.23 | 33 | 212.50 | 78 |
| 334 | 153.25 | 33 | 118.29 | 100 | 134.64 | 33 | 199.85 | 231 | 203.06 | 9 | 181.03 | 231 | 170.92 | 9 | 248.71 | 0 |
| 335 | 124.86 | 15 | 389.79 | 100 | 268.74 | 68 | 78.67 | 231 | 76.03 | 231 | 70.95 | 231 | 79.63 | 33 | 148.52 | 9 |
| 336 | 302.32 | 0 | 0. | 68 | 0. | 0 | 287.36 | 223 | 436.17 | 15 | 454.55 | 78 | 353.33 | 15 | 114.17 | 165 |
| 339 | 0. | 223 | 223.08 | 229 | 916.67 | 229 | 69.52 | 101 | 50.00 | 101 | 35.46 | 101 | 10.25 | 33 | 111.88 | 101 |
| 340 | 342.15 | 165 | 380.59 | 68 | 330.36 | 68 | 160.16 | 27 | 181.85 | 100 | 168.25 | 100 | 143.05 | 21 | 207.18 | 27 |
| 341 | 269.18 | 159 | 142.86 | 159 | 384.77 | 100 | 13.19 | 223 | 30.50 | 106 | 27.21 | 174 | 21.99 | 216 | 30.27 | 54 |
| 343 | 109.49 | 159 | 120.23 | 159 | 146.58 | 159 | 12.73 | 106 | 57.18 | 165 | 64.81 | 10 | 53.87 | 165 | 72.84 | 10 |
| 358 | 459.63 | 216 | 57.31 | 216 | 500.00 | 183 | 11.14 | 101 | 105.16 | 231 | 23.64 | 101 | 25.00 | 101 | 41.69 | 101 |
| 366 | 55.08 | 159 | 144.37 | 159 | 58.63 | 27 | 118.53 | 203 | 118.53 | 203 | 118.59 | 203 | 128.92 | 203 | 143.17 | 203 |
| 367 | 125.83 | 228 | 281.96 | 228 | 131.66 | 228 | 603.98 | 231 | 624.53 | 231 | 616.85 | 106 | 724.15 | 231 | 778.64 | 231 |
| 372 | 288.71 | 228 | 615.63 | 216 | 223.18 | 21 | 117.61 | 231 | 103.46 | 231 | 117.28 | 203 | 118.93 | 231 | 141.49 | 203 |
| 373 | 357.29 | 21 | 57.08 | 21 | 540.92 | 21 | 45.76 | 78 | 48.61 | 78 | 54.91 | 78 | 39.12 | 78 | 68.82 | 78 |
| 388 | 61.78 | 33 | 98.82 | 27 | 57.76 | 27 | 70.02 | 27 | 74.93 | 27 | 74.00 | 27 | 79.70 | 27 | 128.23 | 27 |

| ID | v1 | v2 | v3 | v4 | v5 | v6 | v7 | v8 |
|---|---|---|---|---|---|---|---|---|
| 390 | 232.71 | 197.58 | 182.31 | 176.90 | 177.05 | 177.29 | 173.04 | 182.18 |
| 391 | 322.26 | 270.26 | 247.60 | 247.24 | 244.76 | 255.00 | 282.05 | 252.74 |
| 392 | 412.01 | 730.50 | 699.26 | 308.82 | 291.67 | 242.36 | 236.61 | 22.79 |
| 393 | 160.20 | 74.32 | 35.09 | 30.36 | 11.11 | 463.41 | 478.19 | 659.06 |
| 394 | 143.68 | 129.19 | 118.27 | 121.17 | 126.32 | 360.58 | 277.78 | 362.96 |
| 397 | 135.69 | 126.69 | 113.29 | 101.86 | 103.59 | 457.07 | 110.81 | 487.51 |
| 399 | 60.18 | 59.90 | 60.83 | 60.06 | 61.73 | 4.15 | 37.22 | 108.51 |
| 401 | 55.62 | 55.34 | 55.55 | 53.09 | 53.32 | 197.91 | 172.97 | 36.70 |
| 402 | 81.07 | 94.56 | 60.38 | 93.10 | 117.10 | 295.60 | 359.73 | 169.49 |
| 403 | 80.94 | 69.05 | 40.60 | 60.79 | 29.00 | 99.82 | 99.89 | 168.28 |
| 406 | 312.21 | 100.40 | 66.71 | 123.03 | 145.51 | 224.95 | 155.22 | 80.80 |
| 414 | 69.67 | 60.90 | 60.31 | 60.87 | 61.04 | 59.59 | 61.53 | 174.91 |
| 417 | 66.69 | 68.39 | 73.88 | 65.03 | 88.28 | 63.33 | 62.34 | 60.06 |
| 420 | 101.66 | 90.10 | 82.84 | 83.44 | 33.74 | 56.29 | 55.22 | 60.76 |
| 423 | 666.67 | 239.13 | 162.65 | 0. | 0. | 312.72 | 225.33 | 58.27 |
| 426 | 80.48 | 63.13 | 70.81 | 67.78 | 67.45 | 104.09 | 72.17 | 55.18 |
| 449 | 659.35 | 570.49 | 629.95 | 642.31 | 494.07 | 38.74 | 92.52 | 70.71 |
| 459 | 84.87 | 86.00 | 103.75 | 86.51 | 65.00 | 28.04 | 32.32 | 87.98 |
| 460 | 167.13 | 79.36 | 66.36 | 62.50 | 51.17 | 109.74 | 110.89 | 29.64 |
| 461 | 27.95 | 60.61 | 0. | 94.02 | 95.62 | 116.90 | 383.70 | 63.98 |
| 463 | 22.73 | 62.31 | 78.71 | 71.76 | 71.04 | 208.19 | 235.17 | 416.93 |
| 464 | 247.15 | 18.87 | 26.82 | 22.36 | 500.00 | 61.73 | 61.16 | 252.61 |
| 465 | 369.48 | 220.59 | 196.34 | 203.39 | 193.07 | 184.62 | 195.88 | 61.06 |
| 466 | 433.29 | 376.40 | 275.14 | 273.78 | 259.04 | 50.11 | 73.81 | 83.49 |
| 469 | 246.99 | 449.38 | 544.24 | 156.74 | 197.34 | 144.45 | 113.97 | 59.06 |
| 471 | 230.26 | 223.45 | 196.26 | 94.82 | 174.64 | 100.00 | 95.29 | 78.42 |
| 472 | 329.94 | 183.10 | 64.66 | 174.77 | 146.23 | 129.11 | 168.44 | 97.41 |
| 473 | 90.51 | 226.76 | 276.71 | 212.38 | 205.10 | 0. | 0. | 102.33 |
| 474 | 50.80 | 77.65 | 67.82 | 64.25 | 116.04 | 59.66 | 81.79 | 0. |
| 486 | 0. | 43.34 | 59.11 | 52.50 | 60.02 | 132.77 | 103.79 | 52.65 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 489 | 159 | 45.00 | 159 | 42.98 | 159 | 51.44 | 159 | 50.21 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 490 | 0 | 0. | 0 | 38.42 | 159 | 148.75 | 21 | 0.40 | 203 | 106.16 | 21 | 63.75 | 21 | 71.15 | 138 | 94.33 |
| 491 | 21 | 47.38 | 21 | 45.96 | 21 | 42.79 | 150 | 259.36 | 68 | 168.44 | 68 | 238.24 | 68 | 238.79 | 68 | 222.03 |
| 495 | 203 | 139.58 | 165 | 336.28 | 203 | 160.46 | 138 | 80.17 | 138 | 87.20 | 138 | 96.81 | 138 | 97.77 | 138 | 113.10 |
| 497 | 106 | 323.00 | 231 | 299.19 | 106 | 352.25 | 203 | 88.12 | 203 | 117.94 | 203 | 113.75 | 203 | 150.36 | 203 | 159.69 |
| 507 | 68 | 231.00 | 15 | 67.92 | 203 | 214.85 | 223 | 98.70 | 231 | 148.99 | 223 | 147.87 | 138 | 112.94 | 138 | 121.38 |
| 509 | 138 | 88.16 | 138 | 149.24 | 138 | 80.22 | 231 | 266.36 | 78 | 315.18 | 15 | 284.89 | 15 | 242.75 | 15 | 296.77 |
| 512 | 138 | 145.59 | 138 | 105.23 | 138 | 93.60 | 68 | 303.03 | 68 | 208.33 | 68 | 300.00 | 68 | 250.00 | 0 | 0. |
| 513 | 203 | 102.61 | 203 | 282.01 | 203 | 100.21 | 231 | 186.14 | 231 | 222.41 | 231 | 226.73 | 231 | 258.03 | 231 | 255.76 |
| 515 | 203 | 194.05 | 106 | 82.84 | 106 | 237.11 | 27 | 138.13 | 27 | 119.97 | 97 | 157.74 | 27 | 149.68 | 10 | 200.22 |
| 517 | 203 | 83.29 | 203 | 158.55 | 21 | 38.31 | 68 | 74.25 | 68 | 92.82 | 68 | 115.08 | 68 | 177.20 | 106 | 157.69 |
| 521 | 223 | 127.40 | 138 | 209.07 | 138 | 147.06 | 106 | 133.88 | 106 | 121.35 | 68 | 145.66 | 203 | 129.55 | 97 | 146.43 |
| 523 | 231 | 263.64 | 231 | 388.48 | 231 | 285.89 | 183 | 121.43 | 106 | 91.40 | 183 | 127.27 | 203 | 48.78 | 203 | 53.19 |
| 526 | 15 | 357.55 | 101 | 100.00 | 15 | 334.48 | 203 | 118.84 | 203 | 126.97 | 231 | 118.97 | 203 | 134.29 | 203 | 155.22 |
| 530 | 68 | 270.22 | 100 | 583.33 | 101 | 11.59 | 84 | 200.22 | 84 | 223.78 | 97 | 209.52 | 97 | 283.14 | 97 | 385.78 |
| 531 | 10 | 388.89 | 231 | 129.36 | 100 | 206.90 | 183 | 197.22 | 183 | 237.93 | 183 | 240.00 | 97 | 169.61 | 183 | 321.88 |
| 534 | 231 | 186.11 | 15 | 322.57 | 231 | 187.32 | 84 | 129.53 | 84 | 169.62 | 27 | 152.16 | 203 | 116.48 | 203 | 133.11 |
| 536 | 27 | 283.85 | 10 | 84.62 | 231 | 343.65 | 183 | 79.50 | 203 | 90.33 | 203 | 89.24 | 203 | 92.61 | 203 | 105.92 |
| 537 | 97 | 116.30 | 68 | 280.79 | 68 | 127.31 | 183 | 266.67 | 183 | 229.50 | 183 | 321.67 | 27 | 306.24 | 27 | 450.08 |
| 541 | 97 | 213.74 | 68 | 58.36 | 106 | 248.42 | 68 | 241.49 | 68 | 135.14 | 51 | 162.81 | 51 | 160.77 | 51 | 217.95 |
| 544 | 68 | 22.35 | 106 | 287.51 | 68 | 64.53 | 138 | 287.33 | 138 | 306.06 | 51 | 266.67 | 138 | 345.04 | 51 | 359.32 |
| 547 | 68 | 309.71 | 203 | 151.25 | 68 | 233.95 | 150 | 239.07 | 173 | 156.25 | 97 | 458.57 | 97 | 426.10 | 150 | 451.43 |
| 549 | 203 | 135.42 | 106 | 299.39 | 150 | 126.94 | 97 | 238.34 | 97 | 233.83 | 97 | 215.16 | 97 | 241.89 | 97 | 330.35 |
| 550 | 203 | 152.36 | 223 | 91.17 | 68 | 181.59 | 15 | 245.72 | 173 | 257.73 | 15 | 330.09 | 15 | 404.49 | 78 | 366.06 |
| 552 | 106 | 90.23 | 84 | 197.37 | 183 | 93.75 | 33 | 299.16 | 33 | 431.82 | 33 | 368.77 | 33 | 506.71 | 33 | 648.41 |
| 554 | 203 | 186.32 | 97 | 136.81 | 203 | 253.52 | 173 | 333.33 | 173 | 500.00 | 78 | 677.42 | 78 | 780.49 | 78 | 897.06 |
| 558 | 165 | 4.35 | 183 | 239.27 | 203 | 112.31 | 231 | 488.62 | 104 | 169.54 | 33 | 332.26 | 33 | 334.12 | 33 | 319.81 |
| 560 | 203 | 144.75 | 183 | 194.97 | 84 | 207.12 | 223 | 99.23 | 183 | 125.44 | 27 | 117.96 | 27 | 129.53 | 183 | 177.00 |
| 561 | 97 | 248.96 | 9 | 454.37 | 97 | 200.00 | 223 | 299.15 | 223 | 299.85 | 223 | 248.89 | 223 | 294.13 | 10 | 468.20 |
| 563 | 97 | 473.06 | 51 | 223.08 | 183 | 668.12 | 68 | 153.95 | 68 | 169.86 | 68 | 173.03 | 11 | 106.48 | 68 | 277.02 |

The following is a dense numeric data table, printed sideways (rotated) on the page. Each ID has two data lines (line A and line B). The eight measurement columns each contain an integer count and a decimal value; in columns 4–8 the second (B) line is 0. Best‑effort reading:

| ID | C1 (n / A / B) | C2 (n / A / B) | C3 (n / A / B) | C4 (n / A) | C5 (n / A) | C6 (n / A) | C7 (n / A) | C8 (n / A) |
|---|---|---|---|---|---|---|---|---|
| 564 | 84 / 96.27 / 277.95 | 84 / 98.35 / 228.11 | 84 / 79.68 / 336.17 | 84 / 91.50 | 84 / 93.88 | 84 / 123.88 | 84 / 146.06 | 84 / 216.55 |
| 565 | 150 / 417.31 / 235.31 | 150 / 492.29 / 232.14 | 150 / 452.54 / 159.44 | 68 / 570.43 | 84 / 138.93 | 84 / 133.22 | 84 / 135.55 | 84 / 192.36 |
| 567 | 84 / 41.43 / 58.82 | 84 / 43.08 / 86.33 | 84 / 42.60 / 69.49 | 27 / 42.89 | 27 / 41.68 | 27 / 26.97 | 27 / 45.62 | 27 / 53.99 |
| 568 | 97 / 45.00 / 69.11 | 97 / 45.00 / 69.11 | 97 / 45.00 / 69.11 | 183 / 45.00 | 183 / 51.55 | 183 / 49.82 | 183 / 66.11 | 183 / 69.35 |
| 569 | 27 / 125.00 / 470.59 | 231 / 97.01 / 670.94 | 138 / 133.33 / 674.77 | 106 / 387.50 | 203 / 86.96 | 106 / 376.98 | 106 / 392.32 | 106 / 531.51 |
| 570 | 183 / 166.61 / 395.26 | 183 / 163.30 / 470.28 | 183 / 152.47 / 403.46 | 174 / 165.52 | 174 / 158.95 | 174 / 169.07 | 174 / 196.05 | 223 / 480.89 |
| 571 | 183 / 117.96 / 156.41 | 183 / 142.86 / 180.33 | 183 / 145.99 / 219.21 | 138 / 144.36 | 138 / 151.16 | 165 / 59.43 | 165 / 231.01 | 101 / 55.56 |
| 572 | 203 / 181.82 / 416.67 | 203 / 333.33 / 846.15 | 223 / 307.69 / 571.43 | 21 / 500.00 | 21 / 500.00 | 21 / 333.33 | 138 / 500.00 | 21 / 535.71 |
| 574 | 59 / 35.02 / 38.57 | 59 / 28.71 / 57.25 | 106 / 25.27 / 65.97 | 138 / 25.70 | 138 / 24.41 | 138 / 22.42 | 138 / 23.14 | 138 / 33.35 |
| 575 | 174 / 223.73 / 454.28 | 174 / 225.13 / 459.40 | 174 / 179.06 / 469.96 | 216 / 184.80 | 216 / 195.09 | 114 / 231.16 | 216 / 195.79 | 138 / 250.59 |
| 576 | 174 / 184.82 / 293.76 | 174 / 170.66 / 416.24 | 174 / 162.79 / 411.13 | 231 / 183.16 | 231 / 196.20 | 231 / 224.64 | 231 / 222.40 | 114 / 178.52 |
| 577 | 59 / 553.15 / 962.64 | 59 / 297.60 / 414.25 | 59 / 312.15 / 605.02 | 231 / 661.74 | 229 / 452.64 | 229 / 484.17 | 229 / 518.13 | 231 / 751.13 |
| 600 | 165 / 270.99 / 572.41 | 165 / 166.67 / 555.67 | 21 / 131.58 / 595.60 | 231 / 308.93 | 138 / 133.33 | 231 / 330.40 | 231 / 315.36 | 231 / 390.39 |
| 603 | 21 / 106.22 / 168.69 | 21 / 87.84 / 250.00 | 138 / 10.23 / 365.00 | 68 / 90.91 | 165 / 171.22 | 216 / 98.39 | 165 / 76.92 | 216 / 165.79 |
| 604 | 138 / 55.10 / 193.02 | 138 / 38.28 / 154.38 | 138 / 16.01 / 130.42 | 216 / 55.19 | 216 / 44.81 | 216 / 65.05 | 216 / 77.08 | 216 / 73.81 |
| 619 | 138 / 76.03 / 55.70 | 138 / 41.00 / 55.73 | 216 / 6.99 / 181.58 | 203 / 67.26 | 203 / 69.04 | 203 / 64.23 | 203 / 72.93 | 165 / 60.85 |
| 620 | 216 / 224.81 / 24.35 | 216 / 298.17 / 573.77 | 21 / 296.77 / 575.26 | 27 / 306.03 | 27 / 307.08 | 27 / 278.94 | 27 / 319.08 | 27 / 400.67 |
| 622 | 231 / 289.10 / 472.84 | 231 / 305.44 / 534.34 | 216 / 216.85 / 396.73 | 11 / 187.06 | 11 / 208.24 | 15 / 215.25 | 15 / 326.45 | 231 / 413.70 |
| 623 | 231 / 198.02 / 286.43 | 231 / 202.33 / 319.94 | 229 / 190.64 / 363.31 | 27 / 196.35 | 27 / 193.74 | 84 / 198.13 | 27 / 230.92 | 27 / 249.80 |
| 624 | 231 / 333.33 / 794.12 | 229 / 114.44 / 756.76 | 229 / 10.83 / 121.63 | 165 / 153.85 | 229 / 208.96 | 203 / 176.69 | 229 / 178.46 | 229 / 328.67 |
| 633 | 229 / 0.27 / 1.64 | 231 / 0.27 / 1.50 | 78 / 0.60 / 1.39 | 174 / 0.90 | 78 / 0.96 | 78 / 1.11 | 78 / 1.11 | 78 / 1.48 |
| 634 | 150 / 1101.32 / 608.51 | 150 / 205.95 / 336.73 | 78 / 432.49 / 763.11 | 174 / 295.32 | 84 / 297.63 | 84 / 352.82 | 59 / 331.39 | 59 / 350.77 |
| 635 | 216 / 15.80 / 31.46 | 216 / 17.03 / 41.78 | 33 / 14.70 / 48.52 | 78 / 16.48 | 68 / 21.37 | 78 / 22.69 | 78 / 17.12 | 78 / 20.18 |
| 639 | 216 / 0. / 55.56 | 231 / 79.03 / 118.50 | 15 / 79.95 / 71.43 | 0 / 0. | 0 / 0. | 0 / 0. | 0 / 0. | 0 / 0. |
| 641 | 203 / 117.82 / 16.99 | 165 / 22.78 / 58.71 | 78 / 123.55 / 21.54 | 78 / 111.11 | 78 / 145.83 | 78 / 93.17 | 0 / 0. | 78 / 121.13 |
| 651 | 33 / 32.48 / 8.96 | 27 / 9.13 / 19.64 | 78 / 55.37 / 7.81 | 33 / 19.38 | 33 / 20.98 | 33 / 25.94 | 33 / 25.45 | 33 / 28.73 |
| 652 | 101 / 23.35 / 38.09 | 101 / 31.12 / 93.98 | 33 / 48.32 / 72.84 | 15 / 5.32 | 15 / 4.53 | 15 / 8.96 | 223 / 28.03 | 15 / 31.27 |
| 653 | 231 / 87.43 / 56.45 | 216 / 53.13 / 93.02 | 15 / 104.63 / 53.36 | 54 / 70.53 | 203 / 63.47 | 97 / 58.89 | 33 / 64.54 | 97 / 83.23 |
| 654 | 231 / 96.27 / 331.57 | 33 / 53.13 / 93.02 | 78 / 95.59 / 524.20 | 33 / 54.26 | 33 / 56.62 | 33 / 58.21 | 33 / 56.41 | 33 / 88.17 |
| 656 | 101 / 877.50 / — | 101 / 329.25 / 777.54 | 101 / 524.20 / 1742.96 | 101 / 469.71 | 101 / 665.07 | 101 / 744.14 | 101 / 721.98 | 101 / 769.89 |

| ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 657 | 920.19 | 1222.41 | 863.18 | 2638.43 | 855.59 | 863.58 | 871.79 | 1000.74 | 1296.67 |
| 658 | 0. | 437.50 | 500.00 | 1000.00 | 1454.55 | 333.33 | 500.00 | 666.67 | 152.54 |
| 659 | 1412.92 | 3125.23 | 1974.87 | 1139.94 | 1773.32 | 642.05 | 2139.00 | 1983.53 | 2547.81 |
| 661 | 409.46 | 1077.46 | 608.03 | 1566.73 | 848.30 | 648.58 | 518.02 | 541.39 | 798.50 |
| 662 | 93.30 | 477.12 | 148.31 | 872.24 | 264.28 | 221.14 | 241.61 | 258.48 | 267.99 |
| 663 | 138.86 | 403.70 | 186.27 | 942.87 | 226.58 | 332.67 | 360.99 | 251.20 | 270.10 |
| 664 | 832.97 | 2483.57 | 1186.76 | 3130.18 | 1717.38 | 1460.06 | 1151.63 | 867.98 | 1966.45 |
| 665 | 389.37 | 914.39 | 410.43 | 1137.36 | 453.74 | 508.86 | 513.54 | 592.48 | 627.53 |
| 667 | 517.57 | 417.41 | 501.27 | 634.62 | 277.16 | 494.61 | 221.35 | 241.05 | 193.92 |
| 671 | 194.12 | 416.66 | 193.96 | 489.96 | 177.17 | 185.21 | 188.37 | 180.67 | 190.99 |
| 677 | 1353.36 | 2139.66 | 1351.62 | 1757.40 | 1477.87 | 1804.95 | 1828.69 | 2065.29 | 2136.71 |
| 687 | 649.18 | 1441.57 | 534.75 | 1525.09 | 626.31 | 968.52 | 862.51 | 827.24 | 1055.82 |
| 689 | 90.00 | 223.50 | 50.93 | 610.59 | 24.93 | 55.28 | 128.19 | 118.47 | 169.30 |
| 692 | 3230.77 | 2528.30 | 2488.37 | 3026.95 | 2533.33 | 3074.07 | 2214.81 | 2551.18 | 2529.97 |
| 693 | 1141.18 | 1616.38 | 983.48 | 781.88 | 860.65 | 1082.86 | 931.48 | 603.41 | 887.62 |
| 698 | 594.59 | 171.88 | 269.74 | 456.00 | 163.99 | 312.86 | 483.87 | 282.05 | 121.47 |
| 702 | 1051.19 | 314.57 | 616.34 | 1312.20 | 298.58 | 409.83 | 111.11 | 248.28 | 264.90 |
| 711 | 350.14 | 184.45 | 144.89 | 185.27 | 146.14 | 154.19 | 337.42 | 196.76 | 213.55 |
| 723 | 331.41 | 50.41 | 19.92 | 43.65 | 398.53 | 220.88 | 53.51 | 50.10 | 53.69 |
| 737 | 736.32 | 4573.77 | 253.97 | 1552.18 | 1275.86 | 1786.36 | 2419.58 | 2168.95 | 3132.18 |
| 753 | 4178.28 | 225.21 | 1113.95 | 2800.47 | 5855.62 | 5864.30 | 2128.73 | 6274.28 | 3029.49 |
| 754 | 879.30 | 761.11 | 833.06 | 780.08 | 785.93 | 779.57 | 692.81 | 776.45 | 682.45 |
| 755 | 20922.12 | 26877.89 | 5000.00 | 32070.59 | 17002.73 | 18398.52 | 20929.73 | 20790.61 | 23319.33 |
| 756 | 0. | 79.35 | 47.40 | 88.56 | 49.24 | 51.48 | 59.80 | 55.04 | 66.83 |
| 767 | 470.62 | 1092.43 | 523.54 | 872.57 | 446.10 | 450.47 | 338.54 | 660.40 | 563.30 |
| 768 | 158.33 | 607.14 | 259.26 | 178.08 | 226.19 | 370.79 | 423.53 | 458.82 | 102.04 |
| 769 | 192.92 | 246.71 | 175.02 | 282.04 | 181.77 | 175.47 | 169.14 | 208.89 | 198.06 |
| 770 | 78.96 | 227.84 | 93.54 | 116.74 | 77.65 | 77.28 | 79.38 | 88.94 | 105.61 |
| 771 | 60.56 | 140.17 | 70.55 | 196.65 | 68.57 | 75.77 | 82.16 | 77.75 | 135.31 |
| 773 | 126.50 | 319.56 | 86.14 | 382.41 | 92.43 | 89.84 | 103.70 | 113.33 | 255.00 |

| ID | Col 1 | Col 2 | Col 3 | Col 4 | Col 5 | Col 6 | Col 7 | Col 8 |
|----|-------|-------|-------|-------|-------|-------|-------|-------|
| 774 | 68 / 149.54 | 68 / 134.81 | 68 / 155.46 | 68 / 172.76 | 68 / 189.84 | 68 / 186.66 | 68 / 183.26 | 68 / 214.03 |
| 777 | 68 / 248.03 | 68 / 299.59 | 228 / 364.21 | 97 / 97.89 | 97 / 101.28 | 27 / 15.79 | 97 / 187.81 | 97 / 113.23 |
| 780 | 100 / 174.51 | 100 / 167.15 | 97 / 102.75 | 97 / 178.00 | 216 / 125.20 | 216 / 138.97 | 216 / 169.69 | 216 / 144.07 |
| 782 | 97 / 105.37 | 97 / 107.75 | 78 / 169.01 | 15 / 146.55 | 216 / 134.22 | 216 / 165.81 | 216 / 205.25 | 216 / 193.60 |
| 788 | 203 / 62.17 | 110 / 119.01 | 100 / 160.35 | 216 / 412.73 | 216 / 426.14 | 216 / 411.29 | 216 / 440.39 | 21 / 580.56 |
| 789 | 216 / 240.63 | 216 / 258.39 | 216 / 201.70 | 21 / 116.67 | 21 / 111.05 | 21 / 103.66 | 21 / 147.85 | 231 / 211.28 |
| 800 | 216 / 163.95 | 216 / 131.32 | 216 / 111.90 | 138 / 272.22 | 138 / 252.04 | 138 / 204.91 | 138 / 207.68 | 138 / 371.67 |
| 809 | 21 / 168.37 | 21 / 215.18 | 21 / 360.10 | 101 / 13.33 | 101 / 62.50 | 101 / 85.94 | 231 / 307.80 | 210 / 187.50 |
| 821 | 21 / 321.49 | 21 / 332.69 | 21 / 330.55 | 173 / 19.42 | 173 / 18.70 | 33 / 99.42 | 33 / 84.52 | 33 / 81.09 |
| 826 | 231 / 754.94 | 21 / 911.32 | 138 / 639.20 | 21 / 554.61 | 21 / 579.99 | 21 / 604.64 | 21 / 729.25 | 21 / 910.44 |
| 828 | 138 / 151.75 | 21 / 86.64 | 138 / 116.52 | 68 / 2808.83 | 104 / 2765.98 | 100 / 2094.83 | 68 / 3399.71 | 54 / 3530.55 |
| 829 | 138 / 544.19 | 101 / 461.13 | 101 / 330.17 | 100 / 1150.21 | 100 / 2293.10 | 21 / 1940.78 | 100 / 2597.56 | 21 / 2212.77 |
| 831 | 229 / 198.63 | 114 / 184.93 | 231 / 186.46 | 100 / 470.70 | 100 / 475.00 | 100 / 607.03 | 100 / 544.52 | 100 / 577.44 |
| 836 | 15 / 758.44 | 138 / 585.70 | 173 / 990.55 | 159 / 474.27 | 159 / 414.88 | 150 / 258.59 | 150 / 244.62 | 231 / 546.50 |
| 837 | 173 / 333.33 | 101 / 74.63 | 33 / 49.18 | 101 / 270.93 | 101 / 321.22 | 101 / 293.61 | 101 / 257.69 | 101 / 465.06 |
| 839 | 33 / 440.00 | 231 / 858.43 | 231 / 1055.95 | 21 / 778.29 | 21 / 833.40 | 150 / 358.00 | 101 / 131.58 | 101 / 121.60 |
| 866 | 0 / — | 173 / 12.62 | 173 / 37.94 | 138 / 81.86 | 138 / 84.79 | 138 / 98.63 | 138 / 120.85 | 138 / 164.91 |
| 867 | 33 / 9.52 | 33 / 187.07 | 33 / 188.74 | 21 / 536.95 | 9 / 601.63 | 9 / 797.82 | 9 / 1080.87 | 228 / 989.64 |
| 868 | 21 / 131.97 | 21 / 451.99 | 21 / 490.28 | 9 / 406.16 | 15 / 327.70 | 15 / 378.42 | 15 / 459.88 | 173 / 669.79 |
| 869 | 21 / 479.39 | 9 / 945.43 | 9 / 802.38 | 33 / — | 0 / — | 0 / — | 0 / — | 0 / — |
| 870 | 100 / 1068.70 | 68 / 2881.70 | 229 / 2863.28 | 0 / 609.21 | 78 / 656.55 | 10 / 1026.61 | 10 / 1146.28 | 10 / 1458.61 |
| 872 | 68 / 1346.62 | 68 / 4898.20 | 9 / 5080.28 | 229 / 253.88 | 54 / 287.99 | 54 / 231.22 | 54 / 282.12 | 54 / 542.64 |
| 873 | 174 / 4059.02 | 68 / 2917.43 | 10 / 305.56 | 54 / 3424.78 | 54 / 3786.07 | 54 / 4453.01 | 229 / 4876.07 | 104 / 904.55 |
| 874 | 100 / 3209.30 | 114 / 376.09 | 33 / 2941.18 | 54 / 1407.41 | 9 / 1444.44 | 229 / 1592.59 | 0 / — | 0 / — |
| 875 | 51 / 2694.12 | 100 / 674.32 | 9 / 426.33 | 9 / 568.27 | 104 / 579.03 | 54 / 571.04 | 54 / 647.62 | 68 / 773.28 |
| 876 | 100 / 30.84 | 100 / 365.22 | 229 / 684.38 | 104 / 702.98 | 104 / 919.94 | 228 / 926.17 | 228 / 998.17 | 228 / 1113.87 |
| 882 | 159 / 592.83 | 100 / 370.11 | 228 / 334.61 | 104 / 48.45 | 15 / 58.72 | 15 / 100.57 | 15 / 121.52 | 229 / 64.26 |
| 885 | 229 / 454.68 | 159 / 266.31 | 228 / 666.15 | 104 / 230.69 | 68 / 156.48 | 68 / 166.21 | 68 / 167.91 | 68 / 466.86 |
| 886 | 101 / 540.42 | 159 / 454.45 | 15 / 236.48 | 104 / 540.78 | 10 / 593.74 | 10 / 602.96 | 78 / 926.99 | 173 / 700.17 |
| 887 | 101 / 328.43 | 101 / 565.68 | 156 / 654.11 | 114 / 975.00 | 229 / 392.47 | 229 / 1180.83 | 229 / 1211.00 | 216 / 833.33 |

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 888 | 68 | 58.42 | 68 | 74.94 | 15 | 37.55 | 150 | 15.45 | 78 | 36.57 | 150 | 39.10 | 150 | 53.47 | 78 | 71.55 |
| 889 | 78 | 85.61 | 78 | 98.68 | 78 | 100.43 | 114 | 486.29 | 114 | 468.36 | 106 | 481.48 | 21 | 344.26 | 21 | 404.03 |
| 894 | 114 | 416.08 | 106 | 378.95 | 216 | 453.13 | 114 | 263.48 | 78 | 273.12 | 229 | 291.67 | 78 | 370.20 | 78 | 399.81 |
| 895 | 21 | 405.10 | 216 | 565.42 | 216 | 559.41 | 229 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 896 | 15 | 269.94 | 78 | 220.97 | 78 | 218.41 | 104 | 189.19 | 229 | 191.41 | 104 | 78.81 | 104 | 250.17 | 104 | 254.02 |
| 897 | 78 | 441.61 | 78 | 519.52 | 78 | 534.71 | 104 | 297.56 | 1 | 349.69 | 156 | 442.67 | 231 | 354.67 | 231 | 402.25 |
| 898 | 0 | 0. | 0 | 0. | 0 | 0. | 33 | 150.09 | 156 | 177.16 | 156 | 228.27 | 156 | 459.25 | 156 | 533.82 |
| 899 | 104 | 311.86 | 104 | 311.58 | 229 | 498.86 | 156 | 202.33 | 156 | 200.00 | 156 | 195.30 | 156 | 430.11 | 156 | 509.31 |
| 900 | 104 | 250.28 | 216 | 593.49 | 104 | 124.37 | 68 | 152.08 | 68 | 121.59 | 68 | 166.21 | 15 | 156.55 | 15 | 203.84 |
| 901 | 11 | 486.17 | 11 | 458.30 | 216 | 524.70 | 156 | 542.59 | 10 | 536.81 | 10 | 557.42 | 10 | 790.37 | 10 | 953.63 |
| 903 | 231 | 552.92 | 231 | 555.12 | 231 | 378.90 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 15 | 87.42 |
| 904 | 156 | 280.40 | 33 | 296.08 | 150 | 638.27 | 78 | 591.40 | 78 | 645.89 | 78 | 554.69 | 78 | 656.95 | 78 | 996.31 |
| 917 | 78 | 663.89 | 78 | 746.09 | 78 | 160.81 | 156 | 520.64 | 156 | 505.17 | 156 | 560.74 | 156 | 783.49 | 228 | 727.75 |
| 919 | 156 | 245.48 | 228 | 239.98 | 228 | 301.01 | 33 | 344.63 | 33 | 310.81 | 33 | 279.89 | 10 | 409.94 | 104 | 813.78 |
| 920 | 156 | 593.85 | 10 | 782.26 | 33 | 200.69 | 21 | 187.79 | 21 | 211.29 | 21 | 222.22 | 21 | 465.47 | 231 | 783.85 |
| 921 | 104 | 139.97 | 21 | 144.87 | 10 | 474.55 | 9 | 327.27 | 9 | 337.71 | 9 | 355.61 | 9 | 620.73 | 0 | 0. |
| 922 | 231 | 150.04 | 231 | 158.52 | 21 | 125.65 | 15 | 57.47 | 229 | 655.57 | 229 | 671.48 | 229 | 1041.79 | 229 | 1020.32 |
| 927 | 229 | 591.47 | 156 | 588.21 | 229 | 164.94 | 150 | 974.65 | 150 | 698.63 | 150 | 630.34 | 150 | 1151.28 | 150 | 1466.03 |
| 928 | 150 | 1122.30 | 156 | 908.47 | 150 | 528.97 | 231 | 1124.50 | 106 | 756.08 | 106 | 685.87 | 231 | 1210.17 | 231 | 939.70 |
| 929 | 106 | 178.59 | 0 | 41.79 | 106 | 963.41 | 78 | 800.00 | 106 | 1000.00 | 106 | 761.90 | 0 | 0. | 78 | 1125.00 |
| 946 | 106 | 197.67 | 15 | 20.54 | 15 | 37.08 | 101 | 13.46 | 101 | 21.67 | 101 | 19.25 | 101 | 43.86 | 101 | 70.83 |
| 947 | 15 | 753.51 | 101 | 171.07 | 101 | 592.23 | 0 | 0. | 0 | 0. | 0 | 0. | 223 | 1000.00 | 0 | 0. |
| 953 | 101 | 374.68 | 0 | 0. | 0 | 1775.26 | 165 | 820.00 | 165 | 1000.00 | 0 | 0. | 0 | 0. | 0 | 0. |
| 957 | 0 | 1187.89 | 165 | 1692.31 | 165 | 578.64 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 958 | 165 | 1107.56 | 216 | 1012.22 | 216 | 851.51 | 0 | 0. | 229 | 1325.00 | 229 | 1386.45 | 229 | 1463.67 | 229 | 2147.60 |
| 959 | 216 | 900.00 | 229 | 1765.40 | 229 | 266.82 | 0 | 0. | 0 | 0. | 0 | 0. | 101 | 652.46 | 101 | 791.25 |
| 976 | 229 | 545.45 | 101 | 273.24 | 101 | 529.75 | 10 | 8.90 | 10 | 8.24 | 10 | 7.92 | 10 | 7.97 | 231 | 12.13 |
| 977 | 101 | 25.96 | 78 | 785.71 | 78 | 145.28 | 9 | 395.48 | 9 | 430.97 | 156 | 475.21 | 156 | 475.84 | 156 | 721.98 |
| 978 | 101 | 152.11 | 231 | 377.51 | 156 | 733.56 | 9 | 299.51 | 9 | 362.71 | 9 | 387.37 | 10 | 513.82 | 10 | 762.67 |
| 979 | 0 | 0. | 156 | 836.92 | 9 | 266.60 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 984 | 27 | 614.77 | 27 | 631.38 | 27 | 683.60 | 27 | 653.70 | 27 | 753.56 | 27 | 861.64 | 27 | 904.26 | 27 | 969.66 |
| 987 | 27 | 959.32 | 27 | 1160.69 | 156 | 2058.22 | 0 | 0. | 0 | 0. | 9 | 618.97 | 0 | 834.07 | 156 | 2005.90 |
| 988 | 9 | 776.59 | 156 | 790.31 | 9 | 660.21 | 156 | 754.54 | 165 | 772.65 | 0 | 0. | 9 | 0. | 0 | 0. |
| 992 | 156 | 2376.17 | 9 | 1114.88 | 165 | 1196.53 | 165 | 753.66 | 156 | 834.90 | 9 | 869.53 | 156 | 1024.91 | 156 | 1991.64 |
| 994 | 9 | 1127.29 | 165 | 944.26 | 9 | 713.05 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 995 | 9 | 2400.53 | 9 | 1477.48 | 0 | 1646.47 | 0 | 0. | 110 | 238.05 | 9 | 55.00 | 97 | 122.49 | 97 | 216.51 |
| 996 | 0 | 0. | 9 | 0. | 9 | 0. | 110 | 159.85 | 156 | 450.50 | 156 | 434.92 | 156 | 435.53 | 0 | 1154.01 |
| 997 | 110 | 230.04 | 97 | 201.41 | 97 | 47.26 | 156 | 451.57 | 156 | 450.50 | 156 | 434.92 | 156 | 435.53 | 10 | 1154.01 |
| 998 | 97 | 283.34 | 156 | 194.39 | 165 | 379.71 | 21 | 192.93 | 106 | 290.07 | 106 | 582.58 | 9 | 704.42 | 9 | 1032.52 |
| 999 | 156 | 623.68 | 15 | 617.89 | 156 | 146.61 | 106 | 290.07 | 9 | 516.81 | 9 | 469.75 | 9 | 594.50 | 9 | 1335.83 |
| 1007 | 106 | 1271.10 | 9 | 547.23 | 9 | 946.54 | 9 | 584.31 | 9 | 516.81 | 9 | 469.75 | 9 | 594.50 | 9 | 1335.83 |
| 1008 | 9 | 583.33 | 9 | 531.37 | 9 | 581.14 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1009 | 9 | 926.50 | 9 | 597.86 | 9 | 718.91 | 9 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1016 | 9 | 579.76 | 9 | 540.33 | 9 | 456.23 | 15 | 2871.43 | 15 | 2322.22 | 15 | 2705.88 | 15 | 4975.00 | 15 | 6000.00 |
| 1017 | 15 | 1140.42 | 15 | 590.54 | 15 | 651.22 | 15 | 2871.43 | 15 | 2322.22 | 0 | 0. | 0 | 0. | 0 | 0. |
| 1021 | 15 | 1600.00 | 15 | 562.50 | 15 | 1642.86 | 68 | 354.50 | 210 | 530.75 | 78 | 379.67 | 114 | 400.00 | 156 | 1149.17 |
| 1025 | 78 | 6636.36 | 0 | 0. | 78 | 789.20 | 106 | 335.98 | 106 | 251.80 | 15 | 276.51 | 15 | 322.06 | 10 | 345.64 |
| 1026 | 78 | 797.50 | 210 | 460.32 | 54 | 442.51 | 68 | 1422.05 | 68 | 1353.81 | 229 | 1294.59 | 229 | 1555.10 | 229 | 2999.32 |
| 1027 | 15 | 904.46 | 78 | 575.52 | 78 | 846.92 | 78 | 640.41 | 78 | 611.74 | 231 | 506.85 | 231 | 471.93 | 231 | 601.47 |
| 1034 | 104 | 504.02 | 104 | 470.27 | 104 | 436.44 | 114 | 12.00 | 114 | 12.00 | 114 | 12.00 | 114 | 12.00 | 114 | 15.00 |
| 1035 | 106 | 487.73 | 68 | 444.63 | 68 | 1434.23 | 9 | 470.59 | 9 | 1000.00 | 78 | 1721.74 | 9 | 1274.51 | 165 | 333.33 |
| 1036 | 229 | 1024.48 | 229 | 1699.41 | 10 | 1894.90 | 210 | 857.14 | 210 | 600.00 | 210 | 1000.00 | 210 | 1000.00 | 210 | 1333.33 |
| 1037 | 150 | 3085.95 | 231 | 2185.60 | 9 | 684.97 | 100 | 1602.68 | 231 | 506.33 | 231 | 817.81 | 101 | 2357.67 | 231 | 1252.08 |
| 1039 | 231 | 335.50 | 231 | 674.68 | 9 | 949.52 | 114 | 1327.10 | 9 | 1000.00 | 114 | 1352.72 | 9 | 1500.00 | 114 | 2329.29 |
| 1041 | 114 | 468.57 | 114 | 783.90 | 114 | 55.73 | 223 | 953.62 | 223 | 863.11 | 223 | 729.95 | 9 | 1148.87 | 223 | 1733.60 |
| 1042 | 223 | 11.59 | 223 | 12.22 | 223 | 1750.00 | 78 | 22.19 | 78 | 30.07 | 78 | 29.91 | 78 | 43.91 | 78 | 60.21 |
| 1043 | 114 | 18.00 | 68 | 42.64 | 68 | 823.72 | 104 | 655.32 | 183 | 736.01 | 78 | 602.83 | 97 | 705.24 | 10 | 1106.84 |
| 1044 | 68 | 1857.14 | 156 | 2142.86 | 156 | 1000.00 | 78 | 76.50 | 78 | 81.57 | 78 | 88.20 | 78 | 89.38 | 78 | 163.73 |
| 1046 | 11 | 985.99 | 11 | 854.57 | 11 | 293.85 | 11 | 323.53 | 11 | 351.60 | 11 | 378.25 | 11 | 359.08 | 11 | 512.33 |
| 1057 | 68 | 600.00 | 97 | 392.64 | 68 | 439.59 | 68 | 0. | 68 | 0.33 | 68 | 0.33 | 150 | 0.35 | 150 | 0.56 |

| ID | A val | A c | B val | B c | C val | C c | D val | D c | E val | E c | F v1 | F v2 | G v1 | G v2 | H v1 | H v2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1058 | 807.92 | 231 | 572.57 | 231 | 559.51 | 231 | 569.77 | 231 | 542.18 | 54 | 530.29 | 903.01 | 540.29 | 853.28 | 573.82 | 848.63 |
| 1059 | 448.15 | 10 | 452.13 | 10 | 355.07 | 104 | 324.32 | 104 | 397.26 | 10 | 287.36 | 459.12 | 281.61 | 545.82 | 317.87 | 522.89 |
| 1060 | 856.86 | 231 | 807.41 | 54 | 592.27 | 15 | 507.16 | 15 | 740.07 | 54 | 745.76 | 1571.43 | 766.59 | 1308.48 | 581.31 | 1300.05 |
| 1061 | 795.78 | 173 | 544.96 | 173 | 529.90 | 173 | 546.36 | 173 | 560.94 | 173 | 535.47 | 818.77 | 628.23 | 863.88 | 612.35 | 896.18 |
| 1062 | 494.05 | 173 | 353.61 | 183 | 314.45 | 183 | 298.10 | 78 | 318.59 | 183 | 323.29 | 547.58 | 322.76 | 612.37 | 320.75 | 605.72 |
| 1063 | 330.09 | 156 | 335.89 | 156 | 253.45 | 229 | 298.66 | 229 | 365.04 | 10 | 308.63 | 355.51 | 348.26 | 493.32 | 355.46 | 627.64 |
| 1064 | 1866.85 | 210 | 2152.11 | 150 | 1092.28 | 229 | 894.59 | 229 | 509.06 | 229 | 366.28 | 1815.23 | 410.05 | 1449.14 | 323.07 | 1812.94 |
| 1065 | 285.71 | 78 | 184.21 | 78 | 285.71 | 78 | 400.00 | 78 | 1000.00 | 68 | 578.95 | 472.73 | 652.17 | 740.85 | 400.00 | 645.48 |
| 1066 | 420.45 | 78 | 111.11 | 15 | 403.92 | 78 | 413.89 | 78 | 142.86 | 15 | 467.71 | | 511.81 | | 588.34 | |
| 1068 | 0.21 | 231 | 0.22 | 231 | 0.33 | 231 | 0.28 | 231 | 0.23 | 231 | 0.17 | | 0.21 | 0.22 | 0.20 | 0.20 |
| 1072 | 0. | | 0. | | 0. | | 0. | 231 | 2.63 | 78 | | | 0.70 | 0.62 | 0.64 | 0.64 |
| 1079 | 0.57 | 231 | 0.42 | 33 | 0.69 | 33 | 0.90 | 33 | 0.59 | 33 | 0.74 | 0.60 | | | | |
| 1089 | 841.05 | 78 | 746.56 | 78 | 636.09 | 33 | 523.66 | 78 | 517.62 | 78 | 532.77 | 1033.35 | 746.13 | 848.73 | 760.74 | 760.56 |
| 1091 | 452.53 | 216 | 361.52 | 216 | 359.14 | 216 | 0. | | 0. | | 591.42 | 72.33 | 729.30 | 72.26 | 685.48 | 71.67 |
| 1096 | 124.91 | 223 | 91.43 | 84 | 86.73 | 183 | 87.84 | 183 | 83.33 | 183 | 193.69 | 363.92 | 196.99 | 341.71 | 154.23 | 317.08 |
| 1097 | 555.13 | 223 | 452.86 | 138 | 382.43 | 138 | 376.45 | 138 | 375.06 | 138 | 872.93 | 553.48 | 891.10 | 640.05 | 767.83 | 693.66 |
| 1100 | 456.62 | 15 | 1721.94 | 78 | 1110.24 | 229 | 754.39 | 231 | 703.39 | 231 | 755.91 | 185.19 | 991.59 | 245.13 | 278.76 | 289.47 |
| 1102 | 552.62 | 33 | 306.89 | 173 | 229.47 | 173 | 254.74 | 33 | 222.38 | 33 | 527.60 | 98.63 | 419.55 | 104.55 | 537.24 | 143.39 |
| 1103 | 461.15 | 21 | 195.39 | 21 | 126.73 | 21 | 148.89 | 21 | 120.99 | 21 | 285.56 | 170.84 | 522.67 | 186.69 | 376.67 | 201.69 |
| 1104 | 467.97 | 9 | 267.75 | 9 | 233.33 | 9 | 230.98 | 9 | 188.63 | 9 | 2.49 | 66.67 | 342.86 | 47.89 | 673.37 | 26.79 |
| 1107 | 40.73 | 104 | 51.41 | 104 | 71.92 | 104 | 64.60 | 104 | 52.02 | 78 | 17.00 | | 66.67 | 18.81 | 67.16 | 19.31 |
| 1110 | 390.63 | 203 | 16.49 | 9 | 14.23 | 9 | 20.88 | 9 | 17.01 | 9 | | | | | 384.36 | |
| 1126 | 308.82 | 223 | 142.86 | 223 | 159.60 | 223 | 0. | | 0. | | | | | | | |
| 1163 | 1257.34 | 231 | 1443.98 | 150 | 1211.75 | 173 | 1196.17 | 150 | 541.24 | 231 | 400.29 | 1198.90 | 431.19 | 831.04 | 376.47 | 494.74 |
| 1164 | 598.77 | 78 | 216.28 | 78 | 127.21 | 78 | 98.07 | 78 | 87.09 | 78 | 1406.21 | 125.38 | 1716.87 | 114.40 | 952.38 | 89.88 |
| 1166 | 310.43 | 228 | 249.50 | 228 | 253.39 | 228 | 222.00 | 228 | 197.46 | 228 | 1927.29 | 187.71 | 336.39 | 194.65 | 589.19 | 222.44 |
| 1167 | 324.83 | 9 | 250.00 | 138 | 192.17 | 9 | 156.11 | 9 | 87.69 | 9 | 597.97 | 145.32 | 373.15 | 173.12 | 383.82 | 203.37 |
| 1168 | 245.33 | 78 | 150.60 | 97 | 112.98 | 33 | 122.09 | 33 | 123.28 | 78 | 304.46 | 112.24 | 321.50 | 131.33 | 422.99 | 168.02 |
| 1171 | 0.33 | 216 | 0.41 | 216 | 0.60 | 216 | 2.80 | 97 | 4.80 | 97 | 206.90 | 0.14 | 210.03 | 11.33 | 340.50 | 11.21 |
| 1172 | 600.00 | 228 | 492.60 | 228 | 430.87 | 228 | 144.76 | 9 | 765.04 | 229 | 781.32 | 498.89 | 807.21 | 483.26 | 834.04 | 598.57 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1173 | 9 | 69.75 | 9 | 57.21 | 9 | 48.01 | 9 | 55.10 | 9 | 67.95 | 9 | 56.93 | 9 | 77.58 | 9 | 125.09 |
| | 104 | 178.95 | 33 | 125.92 | 156 | 112.51 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1174 | 216 | 80.99 | 216 | 68.79 | 165 | 81.61 | 174 | 86.50 | 174 | 96.03 | 165 | 106.85 | 174 | 98.70 | 165 | 236.00 |
| | 165 | 178.39 | 33 | 246.61 | 216 | 248.23 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1182 | 138 | 185.45 | 9 | 197.74 | 138 | 191.89 | 138 | 208.28 | 138 | 238.22 | 138 | 267.27 | 138 | 389.57 | 228 | 543.21 |
| | 228 | 635.48 | 21 | 572.68 | 138 | 510.78 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1183 | 9 | 843.75 | 138 | 817.29 | 156 | 154.76 | 138 | 937.36 | 138 | 938.46 | 138 | 896.86 | 138 | 919.54 | 138 | 1137.40 |
| | 27 | 1349.21 | 138 | 1402.52 | 138 | 1375.00 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1185 | 110 | 12250.00 | 100 | 133.33 | 106 | 18400.00 | 223 | 16706.52 | 106 | 17696.43 | 106 | 11625.00 | 15 | 333.33 | 15 | 416.67 |
| | 100 | 1100.00 | 223 | 8565.14 | 100 | 789.47 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1186 | 228 | 1930.53 | 228 | 2065.00 | 228 | 2270.00 | 228 | 1933.16 | 228 | 1744.58 | 110 | 1265.17 | 110 | 1218.83 | 228 | 2331.33 |
| | 110 | 2514.62 | 110 | 1368.42 | 228 | 2407.32 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1187 | 100 | 1320.71 | 100 | 1368.64 | 100 | 1513.57 | 100 | 1404.56 | 100 | 1321.43 | 100 | 1053.73 | 100 | 1006.29 | 223 | 1910.11 |
| | 223 | 1506.17 | 100 | 1324.52 | 100 | 1264.09 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1195 | 68 | 1400.67 | 68 | 1093.80 | 68 | 1339.36 | 97 | 768.58 | 97 | 578.28 | 68 | 1218.22 | 68 | 1308.19 | 68 | 2449.63 |
| | 68 | 3296.36 | 97 | 1517.64 | 203 | 2567.87 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1213 | 110 | 483.01 | 110 | 284.43 | 54 | 305.95 | 210 | 402.12 | 210 | 447.33 | 173 | 533.33 | 210 | 684.75 | 210 | 990.58 |
| | 104 | 553.24 | 210 | 701.43 | 54 | 507.46 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1214 | 68 | 849.04 | 106 | 200.00 | 68 | 655.81 | 68 | 826.39 | 106 | 693.55 | 68 | 878.32 | 68 | 1503.53 | 68 | 1485.70 |
| | 68 | 782.78 | 68 | 743.72 | 106 | 1265.82 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1215 | 78 | 699.72 | 78 | 772.73 | 78 | 1101.21 | 78 | 1111.11 | 78 | 1033.98 | 78 | 916.67 | 78 | 873.30 | 78 | 1218.65 |
| | 78 | 1917.95 | 78 | 1123.92 | 78 | 2301.96 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1216 | 15 | 375.00 | 15 | 74.07 | 9 | 2803.03 | 15 | 116.28 | 9 | 2594.06 | 15 | 574.47 | 9 | 1720.93 | 9 | 2746.03 |
| | 15 | 1342.86 | 9 | 1580.65 | 15 | 2000.00 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1217 | 210 | 7.14 | 54 | 15.13 | 11 | 10.63 | 11 | 11.48 | 11 | 15.54 | 104 | 28.06 | 11 | 20.08 | 210 | 37.57 |
| | 210 | 53.39 | 106 | 88.99 | 54 | 33.61 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1218 | 97 | 1259.06 | 231 | 1521.79 | 97 | 1123.07 | 84 | 667.28 | 231 | 1600.12 | 97 | 1222.22 | 231 | 1482.43 | 231 | 2835.79 |
| | 231 | 2803.31 | 231 | 3940.78 | 84 | 590.98 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1219 | 210 | 308.73 | 210 | 249.37 | 210 | 204.33 | 210 | 110.95 | 100 | 210.45 | 100 | 217.05 | 210 | 119.49 | 165 | 358.94 |
| | 165 | 482.44 | 100 | 503.65 | 165 | 515.13 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1221 | 9 | 205.94 | 9 | 174.71 | 156 | 120.60 | 156 | 118.55 | 156 | 175.22 | 156 | 187.40 | 229 | 191.23 | 156 | 207.13 |
| | 10 | 416.04 | 10 | 359.42 | 10 | 401.54 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1222 | 106 | 111.11 | 15 | 125.00 | 15 | 100.00 | 68 | 123.79 | 229 | 111.11 | 229 | 118.28 | 68 | 130.34 | 229 | 224.81 |
| | 229 | 313.33 | 15 | 200.00 | 15 | 187.10 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1223 | 174 | 170.00 | 174 | 121.77 | 54 | 94.02 | 33 | 110.00 | 33 | 173.80 | 231 | 187.21 | 54 | 155.81 | 10 | 183.25 |
| | 174 | 412.20 | 110 | 317.78 | 33 | 304.00 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1225 | 33 | 177.80 | 33 | 132.76 | 156 | 105.90 | 156 | 102.62 | 156 | 140.05 | 156 | 173.55 | 156 | 148.70 | 156 | 165.24 |
| | 156 | 373.13 | 156 | 313.32 | 156 | 284.45 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1232 | 51 | 187.16 | 11 | 246.04 | 54 | 384.79 | 54 | 388.21 | 15 | 433.64 | 51 | 179.39 | 15 | 549.11 | 15 | 701.62 |
| | 51 | 254.84 | 51 | 321.14 | 51 | 569.93 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1242 | 104 | 263.76 | 104 | 179.72 | 104 | 173.93 | 104 | 192.82 | 104 | 220.94 | 97 | 200.74 | 104 | 312.53 | 51 | 408.34 |
| | 110 | 212.19 | 97 | 318.58 | 15 | 587.07 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1243 | 150 | 342.32 | 150 | 330.98 | 78 | 291.35 | 110 | 297.62 | 110 | 361.51 | 150 | 404.12 | 150 | 386.26 | 150 | 523.14 |
| | 150 | 830.49 | 68 | 704.11 | 150 | 668.03 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1274 | 33 | 176.87 | 173 | 166.40 | 9 | 213.80 | 33 | 142.13 | 9 | 198.93 | 9 | 196.15 | 9 | 170.96 | 33 | 399.13 |
| | 33 | 488.13 | 33 | 175.12 | 33 | 223.11 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1275 | 210 | 270.97 | 210 | 211.68 | 78 | 189.02 | 210 | 190.85 | 210 | 296.40 | 210 | 311.95 | 78 | 283.52 | 15 | 394.82 |
| | 15 | 751.03 | 78 | 639.07 | 15 | 544.44 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1276 | 106 | 144.57 | 15 | 119.35 | 15 | 92.29 | 106 | 112.29 | 106 | 154.91 | 15 | 176.99 | 15 | 142.32 | 15 | 211.58 |
| | 110 | 349.64 | 54 | 238.55 | 9 | 167.22 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1277 | 210 | 25.45 | 210 | 32.24 | 210 | 32.64 | 210 | 20.00 | 210 | 26.48 | 210 | 25.48 | 15 | 29.23 | 54 | 31.21 |
| | 210 | 31.93 | 15 | 36.09 | 15 | 37.26 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1293 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| | 0 | 0. | 0 | 0. | 229 | 1777.06 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1295 | 203 | 136.36 | 110 | 386.36 | 229 | 384.62 | 150 | 285.71 | 110 | 333.33 | 203 | 153.85 | 15 | 333.33 | 106 | 641.03 |
| | 150 | 322.03 | 150 | 316.67 | 150 | 590.91 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1296 | 21 | 719.64 | 21 | 692.65 | 229 | 677.22 | 229 | 618.50 | 229 | 625.24 | 21 | 834.32 | 21 | 892.65 | 21 | 940.25 |
| | 138 | 1123.34 | 138 | 1118.19 | 138 | 1166.67 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1501 | 97 | 482.00 | 97 | 500.00 | 97 | 518.89 | 97 | 519.05 | 97 | 537.86 | 68 | 531.08 | 97 | 660.00 | 97 | 713.44 |
| | 223 | 705.62 | 97 | 974.76 | 97 | 1212.40 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1502 | 110 | 921.82 | 110 | 1026.67 | 110 | 901.92 | 110 | 961.72 | 110 | 1373.03 | 110 | 1326.86 | 110 | 1192.00 | 110 | 1760.00 |
| 1503 | 33 | 2141.34 | 110 | 2176.29 | 110 | 2481.76 | 0 | . | 0 | . | 33 | 1365.60 | 0 | 1670.00 | 0 | 0. |
| 1504 | 33 | 955.20 | 33 | 918.00 | 33 | 947.08 | 33 | 972.80 | 33 | 1132.61 | 0 | 1293.86 | 33 | 1516.12 | 33 | 1796.15 |
| 1505 | 33 | 2512.84 | 33 | 3013.72 | 33 | 3481.25 | 0 | 1112.29 | 33 | 1346.28 | 33 | . | 33 | . | 33 | 1416.23 |
| 1506 | 33 | 956.47 | 33 | 890.82 | 33 | 1066.81 | 33 | 315.00 | 33 | 391.34 | 114 | 446.51 | 114 | 120.00 | 114 | 543.10 |
| 1507 | 33 | 2147.45 | 33 | 2374.83 | 33 | 2952.61 | 114 | 956.22 | 228 | 1470.85 | 228 | 1462.00 | 228 | 1638.81 | 228 | 2171.67 |
| 1508 | 114 | 393.08 | 156 | 661.00 | 33 | 400.00 | 228 | 4912.50 | 228 | 6206.00 | 228 | 6105.00 | 228 | 6934.00 | 228 | 4528.13 |
| 1509 | 228 | 517.37 | 33 | 596.58 | 228 | 762.17 | 228 | . | 0 | . | 0 | . | 0 | . | 0 | 0. |
| 1511 | 228 | 1308.89 | 228 | 1248.89 | 228 | 1278.70 | 9 | 123.33 | 9 | 85.00 | 0 | . | 0 | . | 0 | 0. |
| 1514 | 228 | 2832.70 | 228 | 2662.67 | 228 | 2582.55 | 9 | 96.00 | 9 | 170.00 | 0 | . | 0 | . | 0 | 0. |
| 1515 | 228 | 7875.71 | 228 | 5827.78 | 228 | 4319.09 | 0 | . | 0 | . | 0 | . | 0 | . | 0 | 303.73 |
| 1516 | 9 | 5673.13 | 9 | 4523.33 | 228 | 6393.75 | 0 | . | 0 | . | 0 | . | 210 | 274.18 | 210 | 190.00 |
| 1517 | 0 | 122.50 | 0 | 124.44 | 9 | 113.33 | 210 | 140.00 | 210 | 193.11 | 210 | 210.49 | 27 | 156.23 | 27 | 948.75 |
| 1518 | 9 | 136.00 | 9 | 100.00 | 0 | 60.00 | 228 | 135.26 | 228 | 129.82 | 228 | 147.54 | 54 | 940.49 | 68 | 402.31 |
| 1519 | 0 | 100.00 | 165 | 100.00 | 0 | 0. | 54 | 619.54 | 15 | 628.00 | 78 | 726.59 | 9 | 295.70 | 9 | 304.95 |
| 1520 | 165 | . | 0 | . | 0 | . | 173 | 431.11 | 9 | 258.15 | 9 | 349.09 | 0 | . | 0 | 1790.00 |
| 1521 | 210 | 102.24 | 210 | 143.11 | 210 | 122.08 | 165 | 345.73 | 165 | 343.69 | 165 | 344.45 | 165 | 292.20 | 165 | 820.00 |
| 1522 | 9 | 216.23 | 9 | 188.36 | 9 | 171.59 | 0 | . | 0 | . | 0 | . | 10 | 1370.00 | 10 | 173.54 |
| 1523 | 228 | 116.42 | 228 | 114.13 | 228 | 134.55 | 54 | 743.13 | 54 | 662.11 | 54 | 615.79 | 54 | 689.26 | 84 | 206.67 |
| 1524 | 27 | 171.32 | 228 | 238.35 | 27 | 168.43 | 165 | 93.85 | 165 | 110.44 | 165 | 110.43 | 165 | 137.04 | 228 | 223.75 |
| 1527 | 15 | 547.50 | 15 | 593.33 | 54 | 544.78 | 33 | 97.50 | 33 | 147.00 | 15 | 166.25 | 15 | 185.00 | 9 | 228.33 |
| 1528 | 68 | 1040.00 | 54 | 1408.89 | 173 | 1597.90 | 174 | 125.84 | 174 | 180.93 | 9 | 203.70 | 223 | 98.57 | 223 | 112.52 |
| 1529 | 173 | 467.11 | 173 | 493.00 | 9 | 163.10 | 15 | 142.07 | 33 | 172.81 | 174 | 158.79 | 165 | 137.00 | 165 | 190.00 |
| 1530 | 9 | 715.11 | 9 | 567.18 | 165 | 603.26 | 165 | 85.05 | 33 | 86.08 | 33 | 46.57 | 33 | 52.59 | 33 | 540.82 |
| 1531 | 165 | 281.87 | 165 | 274.09 | 165 | 322.46 | 229 | 353.85 | 210 | 235.97 | 33 | 189.20 | 229 | 189.80 | 0 | 425.45 |
| 1532 | 165 | 370.75 | 165 | 335.24 | 165 | 441.29 | 78 | 275.67 | 54 | 347.86 | 106 | 348.93 | 27 | 379.37 | 27 | 284.75 |
| 1533 | 33 | 930.00 | 68 | 1335.71 | 68 | 1211.02 | 54 | 228.13 | 54 | 359.42 | 54 | 373.78 | 54 | 326.47 | 54 | 843.50 |
| 1534 | 210 | 1512.00 | 54 | 1395.00 | 54 | 905.29 | 54 | 85.80 | 104 | 115.53 | 104 | 156.82 | 104 | 223.79 | 104 | 5220.24 |
| 1535 | 27 | 935.00 | 84 | 1450.93 | 54 | 6446.07 | 104 | 454.02 | 229 | 591.29 | 110 | 610.65 | 110 | 698.53 | 110 | 269.28 |
| 1537 | 54 | 95.85 | 54 | 86.66 | 165 | 81.54 | 150 | 2795.00 | 33 | 2660.67 | 33 | 2870.50 | 33 | 3739.84 | 33 | 128.47 |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1540 | 210 | 315.00 | 210 | 486.67 | 101 | 177.60 | 101 | 142.50 | 101 | 147.86 | 101 | 219.29 | 101 | 123.90 | 101 | 115.52 |
| 1541 | 101 | 161.13 | 101 | 328.34 | 173 | 304.79 | 173 | 157.05 | 27 | 0. | 27 | 152.07 | 27 | 156.27 | 27 | 190.10 |
| 1542 | 106 | 359.39 | 77 | 400.00 | 173 | 231.14 | | | | | | | | | | 0. |
| 1543 | 27 | 167.33 | 27 | 170.16 | 27 | 168.29 | | | | | | | | | | 0. |
| 1544 | 0 | 0. | 0 | 0. | 0 | 1558.82 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1545 | 0 | 0. | 0 | 0. | 15 | 1539.13 | 15 | 5000.00 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 1547 | 210 | 190.91 | 210 | 2333.33 | 78 | 490.00 | 101 | 29.62 | 101 | 1130.00 | 101 | 1690.00 | 101 | 345.00 | 101 | 328.75 |
| 1548 | 101 | 150.00 | 101 | 80.00 | 21 | 750.00 | 101 | 55.67 | 216 | 128.56 | 216 | 131.80 | 165 | 137.19 | 77 | 72.22 |
| 1553 | 216 | 4862.56 | 210 | 592.73 | 101 | 35.24 | 216 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 97 | 6767.61 |
| 1554 | 77 | 82.54 | 216 | 66.00 | 15 | 1809.11 | 0 | 0. | 0 | 0. | 0 | 0. | 77 | 150.00 | 97 | 170.00 |
| 1555 | 138 | 50.00 | 165 | 2183.72 | 216 | 67.27 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 78 | 1483.64 |
| 1556 | 97 | 76.67 | 138 | 129.31 | 165 | 199.15 | 216 | 536.67 | 97 | 704.00 | 97 | 877.00 | 228 | 481.97 |
| 1557 | 97 | 1134.00 | 97 | 70.00 | 138 | 130.00 | 0 | 247.35 | 228 | 420.28 | 228 | 422.69 | 101 | 177.65 |
| 1558 | 97 | 371.11 | 97 | 444.00 | 101 | 291.75 | 101 | 170.99 | 101 | 117.12 | 101 | 125.16 | 223 | 1907.50 |
| 1559 | 78 | 993.00 | 78 | 1738.81 | 159 | 535.35 | 54 | 1081.48 | 228 | 0. | 228 | 0. | 101 | 524.97 |
| 1562 | 228 | 261.54 | 228 | 327.86 | 100 | 1465.96 | 101 | 198.43 | 101 | 135.08 | 101 | 1528.57 | 165 | 227.50 |
| 1563 | 100 | 2295.95 | 100 | 2436.79 | 54 | 2103.48 | 165 | 949.29 | 165 | 1282.94 | 165 | 208.63 | 101 | 9.81 |
| 1564 | 101 | 160.00 | 101 | 440.00 | 101 | 240.36 | 101 | 39.04 | 101 | 154.50 | 101 | 107.14 | 106 | 187.56 |
| 1565 | 101 | 194.91 | 101 | 197.11 | 165 | 311.82 | 165 | 93.33 | 165 | 110.00 | 165 | 10.25 | 150 | 156.14 |
| 1570 | 165 | 995.00 | 165 | 1095.83 | 229 | 850.00 | 101 | 9.75 | 101 | 14.01 | 101 | 65.93 | 78 | 87.32 |
| 1571 | 223 | 2540.35 | 165 | 2784.72 | 101 | 2883.78 | 54 | 46.27 | 54 | 56.74 | 54 | 109.56 | 54 | 930.75 |
| 1572 | 101 | 846.67 | 216 | 2165.56 | 165 | 38.73 | 150 | 94.95 | 150 | 130.58 | 150 | 164.17 | 174 | 794.17 |
| 1573 | 165 | 153.33 | 165 | 155.00 | 165 | 1472.44 | 101 | 39.01 | 78 | 65.09 | 78 | 686.21 | 9 | 119.00 |
| 1574 | 165 | 103.75 | 165 | 96.67 | 165 | 82.50 | 54 | 655.79 | 54 | 714.17 | 54 | 433.89 | 216 | 2029.85 |
| 1580 | 54 | 155.00 | 54 | 33.78 | 101 | 12.51 | 174 | 540.00 | 203 | 349.65 | 68 | 483.54 | 231 | 362.43 |
| 1581 | 150 | 133.53 | 150 | 167.19 | 54 | 43.60 | 203 | 209.09 | 203 | 459.05 | 203 | 769.55 | 216 | 3233.00 |
| 1582 | 150 | 68.04 | 150 | 79.69 | 54 | 135.30 | 216 | 787.50 | 216 | 626.00 | 216 | 291.09 | 33 | 0. |
| 1587 | 78 | 209.85 | 78 | 249.04 | 150 | 86.61 | 231 | 272.73 | 231 | 268.75 | 231 | 0. | 174 | 100.00 |
| 1588 | 150 | 110.32 | 229 | 97.16 | 150 | 384.61 | 0 | 0. | 223 | 172.50 | 0 | 311.69 | 10 | 183.25 |
| 1594 | 54 | 140.83 | 150 | 688.97 | 101 | 47.24 | 33 | 253.57 | 33 | 268.48 | 33 | 100.00 | 100 | 2151.87 |

32.94
0.

101
0

30.91
0.

101
0

25.72
0.

101
0

27.68
0.

101
0

25.75
0.

101
0

33.21
63.64

101
101

286.25
40.66

33
101

209.56
33.33

33
101

1595

## APPENDIX B2: Smallest Prices, Original Commodities, 1966–80.

| comm | 1966<br>1974 | | 1967<br>1975 | | 1968<br>1976 | | 1969<br>1977 | | 1970<br>1978 | | 1971<br>1979 | | 1972<br>1980 | | 1973<br>1981 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 9 | 55.32 | 9 | 59.26 | 9 | 57.41 | 9 | 59.06 | 9 | 54.69 | 10 | 53.43 | 10 | 58.14 | 10 | 65.85 |
| | 228 | 123.92 | 228 | 145.92 | 9 | 136.78 | 9 | 96.09 | 10 | 104.17 | 10 | 132.22 | 10 | 163.50 | 231 | 169.69 |
| 16 | 78 | 66.00 | 78 | 70.28 | 78 | 63.34 | 203 | 60.85 | 203 | 58.77 | 78 | 77.12 | 78 | 80.60 | 10 | 101.05 |
| | 228 | 134.67 | 228 | 200.16 | 228 | 190.38 | 9 | 139.87 | 228 | 144.43 | 84 | 163.67 | 84 | 224.05 | 150 | 260.41 |
| 17 | 9 | 41.79 | 9 | 42.29 | 9 | 44.76 | 21 | 33.51 | 10 | 39.54 | 59 | 40.46 | 9 | 45.92 | 165 | 46.29 |
| | 165 | 67.55 | 159 | 78.95 | 9 | 92.38 | 33 | 88.68 | 9 | 75.51 | 33 | 95.84 | 9 | 101.06 | 33 | 111.72 |
| 18 | 216 | 135.74 | 216 | 152.55 | 216 | 153.31 | 106 | 248.46 | 106 | 247.72 | 106 | 248.25 | 106 | 273.92 | 106 | 353.96 |
| | 203 | 394.16 | 84 | 482.58 | 106 | 487.70 | 106 | 508.81 | 216 | 401.55 | 216 | 404.26 | 84 | 438.57 | 216 | 404.26 |
| 20 | 150 | 264.10 | 150 | 263.38 | 150 | 286.16 | 33 | 282.84 | 33 | 284.54 | 150 | 309.80 | 150 | 320.70 | 150 | 362.65 |
| | 150 | 374.58 | 150 | 421.11 | 150 | 402.72 | 150 | 448.16 | 97 | 223.14 | 97 | 195.95 | 97 | 149.64 | 78 | 528.57 |
| 22 | 150 | 478.02 | 150 | 536.61 | 150 | 546.38 | 150 | 557.50 | 150 | 588.94 | 51 | 537.97 | 51 | 539.56 | 51 | 607.42 |
| | 51 | 420.40 | 51 | 453.49 | 51 | 483.66 | 51 | 429.71 | 231 | 1159.68 | 231 | 1197.93 | 231 | 1340.12 | 231 | 1324.00 |
| 23 | 210 | 200.00 | 210 | 200.00 | 210 | 166.67 | 150 | 160.26 | 150 | 161.07 | 150 | 153.39 | 150 | 160.63 | 150 | 200.82 |
| | 78 | 210.78 | 78 | 261.41 | 150 | 255.00 | 150 | 246.36 | 78 | 270.49 | 150 | 343.86 | 150 | 322.05 | 0 | 0. |
| 24 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| | 0 | 0. | 0 | 0. | 0 | 0. | 78 | 942.33 | 78 | 1065.73 | 11 | 719.33 | 11 | 927.27 | 0 | 0. |
| 27 | 203 | 144.01 | 10 | 74.54 | 106 | 171.74 | 10 | 154.78 | 10 | 147.70 | 27 | 100.00 | 203 | 137.60 | 106 | 214.86 |
| | 106 | 234.06 | 106 | 258.28 | 216 | 92.57 | 216 | 88.67 | 21 | 206.17 | 231 | 233.96 | 84 | 259.45 | 231 | 281.55 |
| 28 | 216 | 119.75 | 231 | 162.95 | 21 | 153.60 | 21 | 137.63 | 21 | 87.73 | 216 | 61.19 | 216 | 110.61 | 110 | 185.86 |
| | 110 | 199.19 | 106 | 355.21 | 216 | 213.95 | 216 | 226.99 | 10 | 227.88 | 110 | 250.79 | 10 | 312.54 | 10 | 312.11 |
| 31 | 216 | 127.84 | 216 | 155.30 | 216 | 170.04 | 216 | 138.50 | 106 | 113.59 | 216 | 88.79 | 216 | 100.73 | 165 | 136.82 |
| | 165 | 354.87 | 216 | 302.14 | 216 | 215.49 | 21 | 202.01 | 10 | 280.04 | 216 | 272.51 | 10 | 337.37 | 216 | 352.96 |
| 32 | 10 | 106.04 | 10 | 102.74 | 10 | 129.31 | 10 | 109.54 | 10 | 70.87 | 10 | 81.05 | 59 | 59.92 | 10 | 123.39 |
| | 10 | 242.10 | 59 | 74.65 | 10 | 160.21 | 231 | 142.04 | 10 | 171.34 | 231 | 210.97 | 10 | 268.75 | 10 | 269.16 |
| 34 | 150 | 236.05 | 150 | 243.07 | 150 | 252.81 | 150 | 263.54 | 150 | 259.23 | 150 | 264.64 | 229 | 196.43 | 150 | 375.19 |
| | 150 | 558.96 | 150 | 616.19 | 150 | 567.19 | 150 | 623.96 | 150 | 715.68 | 150 | 781.39 | 150 | 824.60 | 150 | 842.11 |
| 35 | 101 | 16.85 | 101 | 25.86 | 101 | 11.32 | 9 | 39.95 | 21 | 34.00 | 101 | 2.84 | 101 | 7.85 | 101 | 13.26 |
| | 101 | 18.05 | 101 | 36.76 | 101 | 62.91 | 101 | 63.84 | 231 | 85.85 | 9 | 93.85 | 9 | 93.85 | 231 | 122.17 |
| 36 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 216 | 97.31 |
| | 0 | 0. | 21 | 300.00 | 216 | 140.00 | 216 | 162.74 | 216 | 214.29 | 0 | 0. | 0 | 0. | 0 | 0. |
| 37 | 100 | 35.92 | 100 | 30.93 | 100 | 27.48 | 100 | 24.76 | 100 | 25.07 | 100 | 22.76 | 100 | 25.25 | 100 | 50.70 |
| | 100 | 44.15 | 100 | 53.97 | 100 | 21.27 | 100 | 66.55 | 100 | 48.65 | 100 | 60.00 | 100 | 62.22 | 0 | 0. |
| 41 | 10 | 238.17 | 104 | 152.06 | 104 | 176.54 | 104 | 158.37 | 104 | 237.92 | 104 | 274.11 | 104 | 308.32 | 33 | 489.00 |
| | 21 | 97.12 | 21 | 180.19 | 21 | 288.93 | 150 | 552.04 | 33 | 575.47 | 33 | 681.83 | 33 | 976.41 | 33 | 976.32 |
| 44 | 10 | 56.86 | 231 | 55.95 | 33 | 54.02 | 203 | 36.99 | 231 | 34.16 | 33 | 47.71 | 231 | 46.26 | 10 | 62.26 |
| | 228 | 104.19 | 33 | 127.99 | 231 | 124.10 | 231 | 100.99 | 33 | 93.60 | 10 | 97.39 | 33 | 126.48 | 33 | 126.58 |
| 46 | 78 | 44.00 | 78 | 64.82 | 78 | 53.57 | 78 | 42.73 | 78 | 43.41 | 78 | 58.47 | 78 | 47.90 | 78 | 79.69 |
| | 78 | 135.99 | 78 | 133.16 | 165 | 93.33 | 78 | 190.22 | 78 | 135.74 | 78 | 134.36 | 78 | 234.34 | 78 | 234.95 |
| 49 | 33 | 104.74 | 33 | 106.16 | 33 | 110.16 | 33 | 107.44 | 33 | 102.74 | 33 | 114.94 | 33 | 116.60 | 33 | 131.41 |
| | 51 | 194.46 | 10 | 228.70 | 68 | 210.17 | 51 | 218.54 | 51 | 201.40 | 33 | 214.67 | 10 | 218.55 | 10 | 218.69 |
| 50 | 54 | 287.50 | 229 | 298.71 | 229 | 244.66 | 10 | 121.89 | 229 | 262.89 | 229 | 316.22 | 231 | 254.90 | 229 | 343.14 |
| | 231 | 393.83 | 10 | 464.22 | 229 | 475.21 | 100 | 367.03 | 68 | 162.86 | 156 | 489.60 | 231 | 540.69 | 156 | 512.20 |
| 51 | 104 | 123.43 | 104 | 126.01 | 104 | 111.10 | 104 | 112.33 | 104 | 116.79 | 104 | 128.95 | 104 | 149.42 | 104 | 142.19 |
| | 104 | 147.66 | 104 | 158.75 | 104 | 135.28 | 104 | 141.30 | 104 | 158.30 | 104 | 176.78 | 104 | 206.54 | 104 | 211.06 |
| 56 | 9 | 53.50 | 9 | 51.77 | 21 | 46.05 | 9 | 48.37 | 9 | 50.74 | 9 | 56.82 | 216 | 54.17 | 231 | 85.38 |
| | 9 | 119.21 | 231 | 132.53 | 216 | 114.91 | 9 | 95.40 | 9 | 99.67 | 9 | 101.71 | 9 | 113.48 | 231 | 135.77 |
| 58 | 68 | 62.98 | 78 | 56.08 | 78 | 52.64 | 78 | 48.89 | 216 | 46.31 | 216 | 60.34 | 216 | 58.90 | 78 | 97.93 |
| | 78 | 127.12 | 216 | 136.62 | 216 | 124.38 | 216 | 119.32 | 216 | 124.19 | 216 | 135.68 | 216 | 150.75 | 216 | 165.83 |
| 59 | 114 | 50.55 | 114 | 43.45 | 114 | 43.03 | 114 | 42.15 | 21 | 53.35 | 114 | 54.59 | 114 | 40.58 | 114 | 58.79 |
| | 114 | 69.17 | 21 | 107.33 | 114 | 58.57 | 21 | 123.45 | 21 | 132.94 | 21 | 158.79 | 114 | 114.29 | 68 | 180.45 |
| 60 | 15 | 340.00 | 68 | 276.35 | 68 | 261.29 | 150 | 317.23 | 68 | 305.12 | 68 | 405.53 | 68 | 457.68 | 68 | 379.57 |
| | 68 | 760.00 | 68 | 895.61 | 68 | 729.45 | 68 | 793.91 | 15 | 976.14 | 231 | 1015.77 | 231 | 897.60 | 231 | 897.06 |
| 61 | 231 | 61.63 | 231 | 65.22 | 231 | 60.25 | 231 | 59.43 | 231 | 61.59 | 231 | 62.02 | 231 | 74.59 | 231 | 106.19 |
| | 231 | 121.28 | 231 | 118.07 | 231 | 117.34 | 231 | 114.90 | 231 | 139.54 | 231 | 153.70 | 231 | 170.73 | 231 | 170.79 |
| 63 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 78 | 263.65 | 78 | 267.89 | 78 | 25.31 | 0 | 0. |
| 64 | 68 | 90.16 | 78 | 93.95 | 150 | 89.19 | 150 | 89.43 | 150 | 93.93 | 150 | 106.12 | 68 | 97.18 | 150 | 131.39 |
| | 150 | 192.85 | 68 | 218.04 | 68 | 222.85 | 68 | 203.56 | 78 | 257.86 | 78 | 280.35 | 68 | 313.84 | 68 | 313.59 |

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 224.66 | 231 | 0.00 | 231 | 0.00 | 231 | 0.00 | 231 | 0.00 | 231 | 0.00 | 231 | 0.00 | 231 | 0.00 | 231 |
| 0.00 | 0 | 400.81 | 33 | 416.79 | 33 | 358.79 | 33 | 278.62 | 33 | 353.17 | 33 | 378.48 | 33 | 298.28 | 33 |
| 51.94 | 210 | 45.11 | 9 | 42.96 | 78 | 39.64 | 223 | 44.63 | 223 | 46.84 | 33 | 51.85 | 106 | 48.10 | 228 |
| 127.96 | 231 | 113.04 | 228 | 121.09 | 228 | 106.40 | 228 | 88.99 | 228 | 112.80 | 106 | 114.11 | 78 | 111.19 | 78 |
| 106.29 | 231 | 82.81 | 231 | 82.64 | 231 | 75.31 | 228 | 83.04 | 228 | 77.38 | 78 | 81.25 | 9 | 77.86 | 9 |
| 259.96 | 210 | 246.47 | 210 | 285.15 | 210 | 277.65 | 54 | 238.53 | 54 | 200.44 | 9 | 109.24 | 10 | 139.60 | 228 |
| 39.54 | 33 | 35.99 | 78 | 46.04 | 9 | 36.98 | 33 | 39.64 | 33 | 40.97 | 33 | 43.79 | 78 | 47.87 | 10 |
| 101.76 | 78 | 84.49 | 9 | 80.68 | 9 | 82.47 | 9 | 90.79 | 9 | 113.65 | 9 | 101.25 | 9 | 98.69 | 21 |
| 85.84 | 231 | 51.54 | 9 | 87.02 | 9 | 69.86 | 9 | 60.31 | 9 | 55.22 | 9 | 111.74 | 9 | 78.64 | 78 |
| 278.30 | 9 | 143.21 | 9 | 145.36 | 9 | 147.13 | 9 | 121.28 | 9 | 129.91 | 9 | 197.03 | 9 | 123.12 | 9 |
| 75.66 | 10 | 61.06 | 114 | 55.86 | 228 | 36.47 | 228 | 35.58 | 228 | 46.08 | 228 | 44.01 | 228 | 41.65 | 228 |
| 253.33 | 228 | 97.72 | 228 | 85.50 | 228 | 82.89 | 228 | 85.38 | 228 | 103.69 | 228 | 127.96 | 228 | 87.16 | 228 |
| 189.44 | 228 | 69.41 | 9 | 120.76 | 9 | 119.23 | 9 | 77.56 | 9 | 123.33 | 138 | 121.92 | 138 | 123.21 | 9 |
| 183.33 | 10 | 205.82 | 150 | 202.54 | 150 | 195.10 | 150 | 172.56 | 150 | 167.97 | 165 | 180.56 | 165 | 181.73 | 150 |
| 62.41 | 10 | 51.99 | 165 | 47.31 | 165 | 40.64 | 150 | 40.29 | 150 | 42.60 | 165 | 44.24 | 165 | 38.82 | 150 |
| 114.75 | 165 | 96.97 | 9 | 84.24 | 165 | 82.89 | 165 | 81.78 | 9 | 97.50 | 9 | 95.42 | 9 | 96.24 | 9 |
| 49.18 | 150 | 98.54 | 21 | 90.47 | 9 | 82.13 | 9 | 67.17 | 21 | 50.09 | 21 | 107.83 | 33 | 113.07 | 9 |
| 505.56 | 9 | 162.62 | 33 | 131.73 | 21 | 483.82 | 54 | 400.00 | 33 | 95.80 | 228 | 85.71 | 228 | 184.96 | 9 |
| 58.25 | 0 | 61.92 | 228 | 57.33 | 228 | 35.89 | 173 | 61.61 | 228 | 52.00 | 10 | 46.56 | 10 | 44.21 | 9 |
| 123.03 | 21 | 0.00 | 228 | 0.00 | 228 | 0.00 | 54 | 95.39 | 229 | 64.25 | 68 | 75.09 | 68 | 83.28 | 68 |
| 245.00 | 33 | 78.93 | 9 | 56.40 | 10 | 67.16 | 173 | 51.30 | 33 | 88.55 | 173 | 102.80 | 173 | 58.22 | 173 |
| 242.45 | 228 | 244.60 | 10 | 211.37 | 173 | 206.74 | 229 | 245.76 | 229 | 133.41 | 33 | 141.55 | 229 | 175.74 | 229 |
| 364.99 | 228 | 105.54 | 173 | 71.27 | 84 | 108.77 | 15 | 115.26 | 33 | 118.28 | 229 | 117.50 | 229 | 106.32 | 229 |
| 191.12 | 10 | 368.36 | 84 | 250.48 | 15 | 382.73 | 68 | 267.00 | 68 | 269.85 | 33 | 290.05 | 9 | 522.35 | 33 |
| 223.53 | 10 | 140.55 | 15 | 97.16 | 33 | 138.57 | 33 | 261.70 | 33 | 183.15 | 33 | 127.50 | 101 | 237.67 | 173 |
| 168.50 | 173 | 226.19 | 33 | 229.08 | 68 | 373.68 | 39 | 401.73 | 33 | 296.81 | 101 | 321.65 | 106 | 67.91 | 231 |
| 600.00 | 68 | 100.33 | 33 | 104.90 | 33 | 84.89 | 101 | 54.02 | 101 | 66.67 | 150 | 101.21 | 150 | 216.97 | 229 |
| 166.45 | 33 | 419.87 | 101 | 430.82 | 33 | 777.78 | 231 | 525.25 | 150 | 339.17 | 231 | 287.16 | 150 | 93.56 | 229 |
| 675.82 | 68 | 136.45 | 33 | 121.31 | 101 | 105.71 | 231 | 156.23 | 231 | 122.69 | 229 | 130.97 | 173 | 330.29 | 78 |
| 93.48 | 33 | 661.29 | 231 | 361.03 | 33 | 336.39 | 229 | 312.25 | 216 | 253.41 | 110 | 248.20 | 231 | 66.43 | 33 |
| 116.44 | 101 | 63.44 | 231 | 62.59 | 231 | 62.52 | 97 | 56.84 | 97 | 58.31 | 97 | 67.11 | 54 | 85.11 | 27 |
| 41.63 | 33 | 119.81 | 150 | 140.90 | 110 | 103.89 | 231 | 84.94 | 104 | 74.68 | 104 | 36.23 | 228 | 49.84 | 173 |
| 198.44 | 231 | 39.91 | 97 | 36.90 | 97 | 41.89 | 101 | 16.17 | 150 | 49.59 | 150 | 48.71 | 228 | 87.23 | 231 |
| 339.13 | 231 | 193.64 | 231 | 190.51 | 231 | 30.64 | 101 | 118.07 | 101 | 50.43 | 150 | 48.12 | 228 | 409.77 | 228 |
| 439.31 | 150 | 269.64 | 229 | 267.32 | 231 | 262.82 | 229 | 450.58 | 173 | 457.03 | 173 | 81.00 | 173 | 87.23 | 228 |
| 1440.00 | 97 | 439.20 | 68 | 398.32 | 110 | 418.12 | 54 | 542.86 | 231 | 522.85 | 231 | 484.09 | 97 | 409.77 | 173 |
| 4117.65 | 231 | 1690.65 | 231 | 1272.73 | 97 | 1055.56 | 15 | 1000.00 | 216 | 2088.89 | 59 | 1287.88 | 97 | 1050.00 | 203 |
| 51.91 | 101 | 4277.78 | 173 | 4134.73 | 231 | 1829.24 | 15 | 1942.71 | 59 | 72.82 | 101 | 2315.79 | 97 | 2171.27 | 59 |
| 221.95 | 78 | 30.92 | 15 | 48.98 | 101 | 51.45 | 54 | 70.24 | 21 | 68.07 | 216 | 53.36 | 101 | 57.42 | 101 |
| 9.50 | 78 | 222.07 | 231 | 138.26 | 231 | 134.97 | 231 | 120.81 | 216 | 46.27 | 216 | 80.59 | 101 | 73.85 | 101 |
| 103.45 | 173 | 70.29 | 150 | -4.77 | 150 | 5.00 | 173 | 5.55 | 101 | 58.01 | 101 | 50.72 | 150 | 21.52 | 150 |
| 102.54 | 33 | 104.05 | 54 | 72.53 | 228 | 65.92 | 173 | 61.47 | 150 | 56.49 | 150 | 35.73 | 150 | 9.41 | 150 |
| 181.82 | 54 | 57.13 | 173 | 73.50 | 228 | 69.66 | 173 | 54.54 | 231 | 156.61 | 231 | 75.11 | 231 | 72.81 | 173 |
| 55.95 | 150 | 254.85 | 11 | 231.38 | 173 | 194.88 | 203 | 178.68 | 231 | 33.86 | 173 | 136.11 | 173 | 141.74 | 173 |
| 133.33 | 54 | 47.61 | 59 | 37.06 | 173 | 36.81 | 216 | 50.05 | 203 | 138.11 | 173 | 25.59 | 203 | 39.33 | 229 |
| 200.00 | 173 | 109.08 | 59 | 109.00 | 203 | 75.88 | 203 | 108.37 | 59 | 131.42 | 203 | 87.67 | 59 | 58.07 | 104 |
| 612.72 | 223 | 611.10 | 216 | 610.21 | 59 | 626.26 | 59 | 119.97 | 59 | 639.11 | 59 | 412.32 | 101 | 388.55 | 228 |
| 137.23 | 59 | 104.64 | 216 | 94.32 | 21 | 92.55 | 21 | 649.19 | 101 | 108.51 | 216 | 263.27 | 216 | 705.05 | 228 |
| 294.52 | 21 | 296.82 | 21 | 284.30 | 216 | 265.80 | 54 | 93.40 | 216 | 224.22 | 216 | 107.69 | 216 | 111.67 | 228 |
| 160.10 | 0 | 116.87 | 101 | 110.91 | 216 | 101.57 | 173 | 243.85 | 216 | 98.90 | 101 | 216.84 | 101 | 198.99 | 173 |
| 854.84 | 216 | 287.50 | 101 | 238.38 | 101 | 243.33 | 173 | 85.28 | 15 | 251.90 | 216 | 103.95 | 15 | 58.76 | 203 |
| 93.11 | 68 | 89.64 | 101 | 92.20 | 101 | 77.70 | 203 | 264.91 | 15 | 78.53 | 216 | 212.37 | 173 | 293.46 | 59 |
| 256.76 | 101 | 261.11 | 15 | 263.55 | 15 | 256.23 | 216 | 85.96 | 173 | 99.71 | 101 | 44.71 | 173 | 49.00 | 101 |
| 78.75 | 216 | 87.40 | 54 | 56.86 | 54 | 27.66 | 59 | 179.66 | 173 | 47.85 | 216 | 91.91 | 203 | 113.68 | 216 |
| 0.00 | | 149.27 | 173 | 145.45 | 173 | 140.85 | 21 | 3.30 | 203 | 159.90 | 216 | 3.03 | 59 | 42.65 | 216 |
| 127.40 | | 112.55 | 11 | 101.10 | 203 | 115.38 | 216 | 159.19 | 59 | 95.24 | 101 | 103.62 | 101 | 25.36 | 101 |
| 1086.21 | | 419.75 | 59 | 224.21 | 59 | 101.42 | 216 | 98.68 | 216 | 87.40 | 216 | 97.64 | 216 | 104.29 | 216 |
| 50.09 | | 38.28 | 101 | 32.48 | 15 | 23.62 | 15 | 166.02 | 101 | 26.22 | 101 | 55.56 | 101 | 168.37 | 101 |
| 143.62 | | 98.37 | 101 | 85.49 | 101 | 62.91 | 101 | 71.83 | 101 | 72.46 | 101 | 77.34 | 101 | 60.32 | 101 |

68  71  72  75  76  79  80  83  84  85  89  90  101  103  104  105  108  109  110  111  112  113  116  117  119  121  122  126  127  128

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 129 | 86.56 | 21 | 100.49 | 21 | 90.28 | 21 | 83.74 | 21 | 125.00 | 21 | 102.29 | 21 | 150.00 | 21 | 125.62 | 21 |
| 136 | 166.01 | 21 | 177.52 | 21 | 157.89 | 216 | 279.41 | 21 | 186.81 | 216 | 279.41 | 21 | 279.41 | 68 | 565.79 | 68 |
| 137 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 78.57 | 216 | 143.71 | 216 | 172.41 | 216 |
| 149 | 126.46 | 216 | 168.54 | 216 | 214.84 | 216 | 206.05 | 216 | 243.28 | 216 | 109.38 | 174 | 174.60 | 174 | 305.34 | 174 |
| 150 | 45.05 | 174 | 42.11 | 174 | 40.40 | 174 | 51.55 | 174 | 62.50 | 174 | 567.31 | 174 | 1000.00 | 174 | 1000.00 | 0 |
| 156 | 426.90 | 150 | 619.35 | 174 | 250.00 | 174 | 535.21 | 174 | 561.60 | 174 | 72.59 | 78 | 69.88 | 150 | 28.13 | 15 |
| 157 | 69.11 | 101 | 43.72 | 150 | 64.04 | 150 | 68.47 | 150 | 74.54 | 150 | 175.99 | 15 | 183.87 | 15 | 204.55 | 150 |
| 162 | 139.68 | 15 | 133.05 | 15 | 112.96 | 15 | 56.60 | 150 | 152.78 | 150 | 14.04 | 15 | 21.79 | 101 | 64.71 | 216 |
| 163 | -11.25 | 101 | 17.14 | 101 | 11.56 | 101 | 11.28 | 101 | 12.38 | 101 | 125.46 | 0 | 0. | 0 | 0. | 0 |
| 164 | 38.10 | 101 | 9.76 | 101 | 51.55 | 101 | 14.79 | 15 | 13.07 | 101 | 0. | 0 | 500.00 | 100 | 86.96 | 100 |
| 165 | 11.57 | 100 | 0. | 0 | 0. | 0 | 13.16 | 100 | 0. | 0 | 13.73 | 54 | 16.97 | 54 | 21.34 | 54 |
| 167 | 0. | 0 | 0. | 100 | 0. | 100 | 50.00 | 100 | 22.57 | 54 | 34.53 | 15 | 33.96 | 15 | 37.50 | 78 |
| 168 | 15.79 | 54 | 14.57 | 54 | 11.76 | 54 | 13.78 | 54 | 34.43 | 68 | 105.09 | 216 | 122.70 | 10 | 154.64 | 10 |
| 169 | 27.16 | 15 | 17.38 | 97 | 13.65 | 15 | 28.57 | 68 | 88.91 | 173 | 176.84 | 9 | 212.84 | 216 | 230.26 | 216 |
| 170 | 58.72 | 100 | 45.54 | 173 | 29.19 | 173 | 64.38 | 10 | 150.35 | 100 | 160.00 | 114 | 235.29 | 114 | 181.82 | 114 |
| 171 | 182.29 | 10 | 439.44 | 21 | 50.28 | 21 | 165.45 | 9 | 151.80 | 100 | 444.44 | 165 | 444.44 | 77 | 0. | 0 |
| 176 | 119.62 | 100 | 117.65 | 114 | 254.01 | 114 | 106.12 | 114 | 235.32 | 100 | 95.77 | 51 | 150.09 | 100 | 190.22 | 77 |
| 181 | 0. | 114 | 213.09 | 114 | 117.77 | 51 | 401.55 | 100 | 84.97 | 51 | 215.42 | 21 | 249.96 | 100 | 490.30 | 150 |
| 187 | 221.51 | 51 | 44.44 | 51 | 490.26 | 51 | 68.64 | 51 | 197.62 | 21 | 14.00 | 10 | 14.20 | 10 | 19.35 | 138 |
| 191 | 51.95 | 150 | 480.01 | 231 | 50.02 | 21 | 208.43 | 21 | 16.80 | 10 | 25.79 | 138 | 28.89 | 138 | 31.80 | 216 |
| 197 | 329.34 | 101 | 15.98 | 101 | 281.79 | 101 | -14.22 | 101 | 23.45 | 138 | 35.36 | 10 | 36.25 | 10 | 62.97 | 10 |
| 201 | -13.27 | 165 | 44.85 | 10 | 18.81 | 138 | 34.67 | 138 | 153.81 | 15 | 133.39 | 106 | 361.35 | 106 | 359.04 | 106 |
| 205 | 38.83 | 27 | 24.37 | 138 | 28.06 | 10 | 35.40 | 10 | 320.94 | 106 | 345.56 | 68 | 384.19 | 21 | 493.39 | 173 |
| 210 | 131.71 | 138 | 378.08 | 106 | 39.37 | 106 | 292.19 | 27 | 265.14 | 27 | 794.00 | 21 | 797.55 | 68 | 1442.31 | 77 |
| 211 | 86.94 | 27 | 295.91 | 27 | 301.71 | 27 | 294.67 | 68 | 735.82 | 68 | 45.19 | 68 | 58.11 | 68 | 66.45 | 68 |
| 212 | 291.94 | 183 | 689.44 | 68 | 296.30 | 68 | 569.25 | 68 | 41.49 | 15 | 71.38 | 15 | 72.31 | 21 | 150.33 | 97 |
| 216 | 431.82 | 68 | 6.32 | 15 | 594.19 | 15 | 42.04 | 15 | 30.55 | 11 | 63.05 | 11 | 99.25 | 11 | 62.11 | 11 |
| 217 | 32.27 | 97 | 25.12 | 11 | 30.02 | 11 | 17.74 | 11 | 46.33 | 78 | 65.32 | 78 | 100.82 | 78 | 119.27 | 229 |
| 220 | 86.40 | 11 | 28.47 | 78 | 63.72 | 78 | 37.82 | 78 | 27.98 | 15 | 273.65 | 229 | 293.13 | 229 | 319.19 | 97 |
| 221 | 65.66 | 15 | 174.79 | 173 | 42.00 | 229 | 43.61 | 229 | 205.50 | 97 | 1262.84 | 97 | 1127.43 | 97 | 1120.48 | 216 |

| ID | V1 | N1 | V2 | N2 | V3 | N3 | V4 | N4 | V5 | N5 | V6 | N6 | V7 | N7 | V8 | N8 | V9 | N9 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 222 | 1029.01 | 106 | 700.56 | 100 | 421.76 | 183 | 500.00 | 183 | 500.00 | 183 | 493.03 | 27 | 450.00 | 183 | 450.00 | 183 | 450.00 | 183 |
| 223 | 1475.10 | 231 | 1259.26 | 223 | 1222.22 | 223 | 1422.16 | 106 | 1069.49 | 231 | 983.42 | 231 | 883.87 | 231 | 840.76 | 231 | 840.76 | 231 |
| 225 | 2061.85 | 223 | 1690.67 | 223 | 1678.47 | 223 | 1587.21 | 223 | 1452.71 | 223 | 1404.76 | 223 | 1354.21 | 223 | 1431.35 | 223 | 1431.35 | 223 |
| 230 | 16428.57 | 106 | 4388.89 | 106 | 4388.89 | 106 | 4088.66 | 15 | 3994.24 | 223 | 2948.47 | 223 | 3052.72 | 223 | 2453.59 | 223 | 2453.59 | 223 |
| 231 | 1161.55 | 106 | 1040.64 | 223 | 1042.09 | 106 | 1024.27 | 106 | 1079.19 | 106 | 1018.40 | 106 | 920.50 | 106 | 838.42 | 106 | 838.42 | 106 |
| 232 | 1205.13 | 231 | 2040.00 | 223 | 1961.11 | 223 | 1969.60 | 106 | 1600.00 | 106 | 1285.41 | 106 | 1432.17 | 106 | 1375.95 | 106 | 1375.95 | 106 |
| 233 | 1643.05 | 21 | 1235.15 | 21 | 1186.89 | 21 | 1041.67 | 21 | 1027.83 | 21 | 1010.47 | 21 | 909.46 | 106 | 978.77 | 21 | 978.77 | 21 |
| 234 | 0. | 0 | 3208.33 | 21 | 3219.28 | 21 | 3011.44 | 21 | 3251.20 | 21 | 1887.64 | 21 | 1606.78 | 21 | 1971.01 | 21 | 1971.01 | 21 |
| 236 | 2808.73 | 231 | 1717.27 | 231 | 1524.38 | 231 | 1598.48 | 231 | 1578.27 | 231 | 1456.85 | 231 | 1484.24 | 231 | 1553.38 | 231 | 1553.38 | 231 |
| 237 | 4055.36 | 231 | 4128.30 | 231 | 4133.96 | 231 | 2890.80 | 231 | 2198.75 | 231 | 1978.67 | 231 | 2111.36 | 231 | 2730.08 | 231 | 2730.08 | 231 |
| 238 | 1659.02 | 231 | 1243.30 | 231 | 1017.22 | 231 | 1309.11 | 231 | 1049.65 | 231 | 1543.86 | 231 | 1279.76 | 231 | 1156.98 | 231 | 1156.98 | 231 |
| 242 | 2961.54 | 231 | 3013.56 | 231 | 3928.86 | 231 | 3155.85 | 231 | 2122.59 | 231 | 1791.83 | 231 | 1721.66 | 231 | 1510.02 | 231 | 1510.02 | 231 |
| 243 | 1155.69 | 231 | 1105.69 | 231 | 854.70 | 231 | 1137.10 | 231 | 1594.59 | 231 | 1196.81 | 231 | 1169.81 | 231 | 1295.86 | 231 | 1295.86 | 231 |
| 244 | 1388.89 | 231 | 1421.96 | 231 | 1328.29 | 231 | 1621.42 | 231 | 1867.26 | 231 | 1277.55 | 231 | 1324.56 | 231 | 1463.92 | 159 | 1463.92 | 159 |
| 245 | 80.65 | 159 | 119.00 | 159 | 94.84 | 216 | 103.55 | 159 | 85.53 | 159 | 89.18 | 159 | 118.20 | 159 | 101.79 | 159 | 101.79 | 159 |
| 249 | 313.33 | 216 | 157.14 | 159 | 313.33 | 216 | 19.96 | 101 | 124.46 | 101 | 1417.49 | 159 | 131.54 | 159 | 124.75 | 231 | 124.75 | 231 |
| 250 | 208.55 | 231 | 123.33 | 21 | 114.99 | 231 | 102.69 | 231 | 94.30 | 21 | 101.10 | 21 | 96.02 | 21 | 113.63 | 21 | 113.63 | 223 |
| 251 | 269.53 | 203 | 233.97 | 21 | 248.04 | 9 | 229.35 | 203 | 271.25 | 231 | 216.24 | 231 | 205.47 | 231 | 214.72 | 54 | 214.72 | 54 |
| 252 | 258.40 | 203 | 244.76 | 21 | 294.56 | 203 | 248.67 | 21 | 177.85 | 203 | 187.52 | 54 | 232.19 | 54 | 262.36 | 231 | 262.36 | 231 |
| 253 | 612.00 | 231 | 612.39 | 21 | 624.75 | 21 | 585.61 | 21 | 563.39 | 21 | 394.70 | 21 | 580.72 | 100 | 683.97 | 21 | 683.97 | 21 |
| 256 | 211.33 | 21 | 108.41 | 21 | 90.45 | 21 | 83.06 | 21 | 79.27 | 21 | 80.72 | 21 | 81.52 | 21 | 78.89 | 21 | 78.89 | 21 |
| 257 | 233.58 | 59 | 235.49 | 231 | 219.83 | 21 | 193.58 | 101 | 214.83 | 101 | 177.77 | 101 | 148.64 | 21 | 149.21 | 216 | 149.21 | 216 |
| 258 | 295.38 | 216 | 187.58 | 21 | 186.88 | 138 | 111.46 | 101 | 81.67 | 101 | 54.60 | 101 | 60.83 | 101 | 195.99 | 216 | 195.99 | 216 |
| 259 | 700.00 | 101 | 646.67 | 21 | 612.91 | 216 | 245.79 | 138 | 205.01 | 138 | 266.70 | 138 | 361.21 | 159 | 443.10 | 159 | 443.10 | 159 |
| 260 | 236.61 | 231 | 244.09 | 9 | 182.67 | 101 | 130.90 | 101 | 190.87 | 159 | 163.93 | 159 | 180.70 | 100 | 196.36 | 159 | 196.36 | 159 |
| 261 | 700.00 | 159 | 601.69 | 231 | 525.62 | 9 | 583.57 | 9 | 587.14 | 9 | 473.37 | 9 | 551.82 | 100 | 357.27 | 150 | 357.27 | 150 |
| 262 | 324.43 | 231 | 355.60 | 21 | 334.14 | 9 | 284.87 | 9 | 271.48 | 9 | 238.18 | 9 | 230.27 | 21 | 248.65 | 101 | 248.65 | 101 |
| 263 | 833.33 | 21 | 811.90 | 21 | 833.63 | 9 | 910.54 | 9 | 762.14 | 9 | 610.26 | 9 | 853.76 | 150 | 768.85 | 150 | 768.85 | 150 |
| 265 | 180.65 | 21 | 85.69 | 21 | 79.09 | 100 | 78.09 | 21 | 73.80 | 21 | 76.86 | 21 | 78.47 | 21 | 75.24 | 231 | 75.24 | 231 |
| 266 | 226.42 | 150 | 161.86 | 159 | 169.52 | 159 | 154.80 | 21 | 174.99 | 114 | 122.61 | 114 | 110.20 | 216 | 135.86 | 101 | 135.86 | 101 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 267 | 228 | 142.85 | 228 | 131.93 | 97 | 133.07 | 228 | 123.00 | 228 | 146.62 | 33 | 130.35 | 10 | 128.16 | 10 | 170.29 |
| | 228 | 174.72 | 231 | 309.74 | 10 | 264.53 | 33 | 224.30 | 9 | 232.34 | 33 | 246.51 | 33 | 253.30 | 33 | 253.65 |
| 268 | 9 | 240.65 | 9 | 210.69 | 97 | 188.22 | 97 | 189.49 | 9 | 209.65 | 9 | 264.58 | 27 | 299.97 | 231 | 299.98 |
| | 27 | 693.99 | 183 | 743.88 | 9 | 474.43 | 228 | 616.89 | 9 | 516.34 | 231 | 655.67 | 231 | 593.05 | 231 | 590.63 |
| 269 | 9 | 60.95 | 9 | 63.68 | 9 | 63.41 | 9 | 63.32 | 9 | 63.80 | 9 | 68.89 | 9 | 78.00 | 9 | 129.00 |
| | 9 | 112.19 | 9 | 95.20 | 9 | 121.68 | 78 | 116.00 | 78 | 116.81 | 174 | 122.67 | 78 | 156.13 | 231 | 162.39 |
| 270 | 33 | 112.81 | 210 | 104.38 | 33 | 90.10 | 173 | 92.94 | 33 | 119.19 | 33 | 127.47 | 33 | 117.50 | 210 | 165.88 |
| | 210 | 315.97 | 173 | 269.77 | 210 | 217.46 | 210 | 281.03 | 33 | 268.26 | 33 | 271.22 | 33 | 265.60 | 210 | 251.69 |
| 271 | 110 | 97.43 | 173 | 187.28 | 173 | 152.30 | 173 | 176.92 | 173 | 270.46 | 173 | 272.90 | 173 | 229.32 | 33 | 294.03 |
| | 33 | 522.64 | 173 | 543.24 | 68 | 420.95 | 173 | 540.83 | 173 | 565.75 | 173 | 600.30 | 173 | 470.00 | 33 | 605.88 |
| 272 | 165 | 56.99 | 106 | 62.68 | 106 | 63.04 | 106 | 59.76 | 78 | 68.53 | 33 | 50.99 | 106 | 58.03 | 165 | 62.77 |
| | 165 | 102.46 | 165 | 59.01 | 165 | 56.96 | 165 | 114.30 | 165 | 111.09 | 165 | 125.73 | 51 | 146.20 | 78 | 152.00 |
| 273 | 106 | 11.19 | 106 | 11.57 | 106 | 20.71 | 106 | 15.54 | 106 | 15.78 | 106 | 15.26 | 106 | 13.94 | 106 | 15.51 |
| | 106 | 18.32 | 106 | 25.86 | 106 | 26.65 | 106 | 44.75 | 106 | 37.67 | 106 | 41.51 | 106 | 57.82 | 106 | 56.25 |
| 274 | 84 | 270.73 | 84 | 350.47 | 203 | 78.13 | 84 | 420.45 | 84 | 478.22 | 203 | 437.62 | 84 | 490.57 | 203 | 709.53 |
| | 84 | 1209.14 | 203 | 937.59 | 203 | 813.54 | 84 | 633.04 | 84 | 557.39 | 84 | 802.31 | 84 | 900.00 | 84 | 900.00 |
| 276 | 9 | 353.13 | 9 | 224.75 | 9 | 206.03 | 9 | 282.62 | 21 | 391.65 | 9 | 243.76 | 9 | 184.56 | 9 | 360.05 |
| | 9 | 626.06 | 9 | 471.65 | 9 | 679.26 | 9 | 1438.20 | 9 | 1483.13 | 9 | 1008.90 | 150 | 1093.84 | 150 | 1100.00 |
| 280 | 138 | 118.09 | 231 | 110.95 | 231 | 101.22 | 231 | 93.34 | 231 | 97.14 | 231 | 126.08 | 231 | 101.65 | 138 | 125.34 |
| | 231 | 334.94 | 138 | 241.27 | 100 | 157.12 | 231 | 274.12 | 231 | 247.75 | 231 | 295.71 | 231 | 333.74 | 231 | 344.59 |
| 281 | 100 | 222.22 | 0 | 0. | 0 | 0. | 0 | 0. | 174 | 571.43 | 174 | 666.67 | 174 | 1000.00 | 174 | 750.00 |
| | 174 | 1000.00 | 0 | 0. | 100 | 818.18 | 0 | 0. | 0 | 0. | 10 | 806.56 | 10 | 1433.33 | 0 | 0. |
| 282 | 0 | 0. | 0 | 0. | 0 | 0. | 138 | 32.55 | 138 | 32.28 | 138 | 19.93 | 138 | 21.86 | 138 | 33.38 |
| | 138 | 41.42 | 100 | 39.63 | 138 | 61.15 | 100 | 92.99 | 0 | 0. | 174 | 105.00 | 0 | 0. | 0 | 0. |
| 289 | 101 | 57.06 | 101 | 73.18 | 101 | 41.10 | 21 | 231.04 | 114 | 236.34 | 216 | 214.03 | 101 | 36.91 | 101 | 43.34 |
| | 101 | 59.47 | 101 | 41.38 | 100 | 467.21 | 101 | 140.73 | 159 | 316.93 | 100 | 800.00 | 138 | 839.44 | 216 | 940.00 |
| 290 | 110 | 536.78 | 138 | 496.09 | 138 | 517.65 | 110 | 576.57 | 229 | 443.97 | 229 | 448.60 | 229 | 500.00 | 54 | 990.63 |
| | 229 | 227.27 | 78 | 1576.00 | 100 | 839.86 | 54 | 1615.80 | 84 | 755.90 | 110 | 2430.44 | 84 | 822.99 | 110 | 2619.05 |
| 291 | 100 | 73.88 | 100 | 58.09 | 100 | 80.75 | 100 | 79.13 | 100 | 79.86 | 100 | 74.98 | 100 | 73.04 | 165 | 97.37 |
| | 100 | 153.25 | 54 | 153.85 | 100 | 163.61 | 100 | 180.10 | 100 | 144.00 | 106 | 178.77 | 106 | 218.92 | 106 | 219.78 |
| 292 | 33 | 124.86 | 33 | 118.29 | 33 | 134.64 | 33 | 125.91 | 33 | 105.95 | 33 | 104.56 | 33 | 111.55 | 33 | 193.29 |
| | 15 | 302.32 | 33 | 389.79 | 68 | 268.74 | 33 | 327.81 | 231 | 230.77 | 231 | 263.71 | 231 | 266.62 | 231 | 262.50 |
| 293 | 100 | 630.00 | 100 | 400.75 | 100 | 584.29 | 100 | 562.38 | 210 | 300.00 | 100 | 665.21 | 100 | 723.77 | 100 | 822.34 |
| | 100 | 1169.42 | 100 | 878.66 | 100 | 595.51 | 100 | 531.25 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 296 | 223 | 342.15 | 97 | 223.08 | 68 | 330.36 | 165 | 275.00 | 97 | 265.88 | 27 | 216.22 | 97 | 218.54 | 100 | 158.96 |
| | 165 | 269.18 | 100 | 380.59 | 100 | 384.77 | 100 | 335.71 | 223 | 478.90 | 68 | 435.29 | 223 | 472.73 | 150 | 617.02 |
| 299 | 159 | 109.49 | 159 | 142.86 | 159 | 146.58 | 159 | 222.22 | 159 | 240.88 | 159 | 104.05 | 159 | 107.31 | 27 | 476.19 |
| | 159 | 459.63 | 159 | 120.23 | 27 | 512.82 | 27 | 500.00 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 329 | 216 | 55.08 | 27 | 57.31 | 27 | 58.63 | 228 | 56.36 | 159 | 61.06 | 216 | 76.96 | 216 | 63.82 | 216 | 70.57 |
| | 159 | 125.83 | 10 | 69.21 | 228 | 131.66 | 159 | 92.00 | 159 | 99.98 | 216 | 124.24 | 216 | 137.50 | 216 | 137.50 |
| 331 | 228 | 288.71 | 9 | 225.76 | 9 | 223.18 | 231 | 265.51 | 228 | 290.38 | 228 | 291.99 | 231 | 298.33 | 231 | 346.57 |
| | 228 | 357.29 | 228 | 617.44 | 21 | 540.92 | 231 | 593.61 | 9 | 555.52 | 231 | 669.54 | 231 | 632.09 | 231 | 63.06 |
| 332 | 21 | 61.78 | 21 | 57.08 | 21 | 57.76 | 21 | 55.19 | 21 | 59.96 | 59 | 59.41 | 21 | 70.64 | 165 | 92.16 |
| | 21 | 106.15 | 100 | 98.82 | 165 | 53.13 | 9 | 145.73 | 9 | 134.81 | 9 | 146.04 | 21 | 123.89 | 231 | 129.44 |
| 333 | 33 | 110.00 | 33 | 116.70 | 231 | 120.92 | 231 | 115.60 | 231 | 103.57 | 33 | 100.96 | 33 | 116.23 | 78 | 212.50 |
| | 33 | 433.13 | 231 | 269.55 | 231 | 245.26 | 9 | 187.09 | 9 | 175.45 | 33 | 269.53 | 33 | 291.99 | 33 | 295.00 |
| 334 | 9 | 172.79 | 9 | 166.05 | 9 | 183.99 | 231 | 199.85 | 9 | 203.06 | 231 | 181.03 | 9 | 170.92 | 9 | 248.71 |
| | 9 | 720.65 | 9 | 631.55 | 231 | 444.71 | 9 | 462.09 | 9 | 316.42 | 9 | 481.76 | 9 | 482.03 | 33 | 641.03 |
| 335 | 9 | 79.50 | 9 | 83.85 | 100 | 83.60 | 231 | 78.67 | 231 | 76.03 | 231 | 70.95 | 100 | 79.55 | 9 | 148.52 |
| | 231 | 138.48 | 100 | 134.09 | 100 | 128.31 | 231 | 159.00 | 231 | 126.46 | 231 | 184.99 | 231 | 180.94 | 231 | 182.44 |
| 336 | 223 | 206.43 | 223 | 176.20 | 223 | 198.05 | 223 | 287.36 | 15 | 436.17 | 78 | 454.55 | 15 | 353.33 | 165 | 114.17 |
| | 68 | 834.43 | 68 | 798.61 | 68 | 741.12 | 78 | 771.93 | 15 | 542.55 | 68 | 636.65 | 150 | 631.43 | 78 | 714.29 |
| 338 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 228 | 83.33 | 228 | 93.33 | 228 | 100.00 | 228 | 150.00 |
| | 228 | 140.00 | 228 | 133.33 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 339 | 101 | 79.82 | 101 | 36.55 | 216 | 55.34 | 101 | 69.52 | 101 | 55.56 | 101 | 35.46 | 33 | 10.25 | 101 | 111.88 |
| | 101 | 90.40 | 101 | 48.06 | 101 | 105.27 | 68 | 140.25 | 216 | 181.97 | 101 | 67.83 | 101 | 69.23 | 216 | 314.29 |
| 340 | 159 | 251.96 | 100 | 209.15 | 100 | 170.09 | 27 | 160.16 | 100 | 181.85 | 100 | 168.25 | 21 | 143.05 | 100 | 208.19 |
| | 100 | 357.62 | 100 | 431.01 | 33 | 284.02 | 231 | 670.53 | 231 | 787.13 | 33 | 658.21 | 231 | 838.42 | 231 | 821.09 |
| 341 | 68 | 34.14 | 54 | 39.96 | 165 | 17.60 | 223 | 13.19 | 54 | 31.72 | 174 | 27.21 | 216 | 21.99 | 231 | 93.96 |
| | 54 | 27.67 | 106 | 43.67 | 54 | 26.03 | 54 | 22.71 | 54 | 16.55 | 203 | 61.90 | 54 | 73.19 | 54 | 69.65 |

| ID | N₁ | V₁ | N₂ | V₂ | N₃ | V₃ | N₄ | V₄ | N₅ | V₅ | N₆ | V₆ | N₇ | V₇ | N₈ | V₈ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 343 | 10 | 72.84 | 165 | 53.87 | 165 | 64.81 | 10 | 57.18 | 165 | 46.87 | 165 | 53.75 | 165 | 56.21 | 165 | 53.89 |
| 358 | 106 | 200.00 | 203 | 148.74 | 203 | 131.43 | 10 | 121.45 | 203 | 135.04 | 10 | 79.20 | 165 | 75.76 | 231 | 213.65 |
| 366 | 101 | 41.69 | 78 | 50.71 | 78 | 23.64 | 101 | 105.16 | 101 | 11.14 | 101 | 13.14 | 173 | 66.03 | 97 | 85.94 |
| 367 | 78 | 139.04 | 138 | 55.00 | 138 | 54.35 | 138 | 53.68 | 138 | 52.82 | 101 | 75.81 | 101 | 79.66 | 101 | 67.01 |
| 372 | 59 | 141.77 | 203 | 128.92 | 203 | 118.59 | 203 | 118.53 | 203 | 118.53 | 203 | 95.00 | 203 | 136.13 | 203 | 138.46 |
| 373 | 106 | 594.77 | 138 | 592.85 | 138 | 604.42 | 138 | 293.26 | 203 | 239.32 | 203 | 217.80 | 203 | 307.98 | 138 | 149.32 |
| 388 | 138 | 258.76 | 138 | 314.43 | 138 | 258.23 | 138 | 223.26 | 138 | 157.62 | 138 | 214.35 | 138 | 213.61 | 138 | 246.01 |
| 390 | 231 | 1432.10 | 231 | 182.61 | 231 | 184.09 | 231 | 185.71 | 138 | 186.98 | 138 | 173.61 | 138 | 271.05 | 231 | 235.81 |
| 391 | 203 | 141.49 | 231 | 118.93 | 78 | 117.28 | 231 | 103.46 | 138 | 117.61 | 231 | 95.00 | 231 | 115.40 | 231 | 119.45 |
| 392 | 78 | 293.46 | 78 | 293.73 | 78 | 250.36 | 78 | 225.92 | 231 | 198.67 | 78 | 199.67 | 231 | 182.78 | 231 | 145.81 |
| 393 | 78 | 68.82 | 27 | 39.12 | 78 | 54.91 | 78 | 48.61 | 78 | 45.76 | 78 | 47.62 | 78 | 42.65 | 78 | 45.67 |
| 394 | 27 | 109.09 | 27 | 106.94 | 27 | 93.10 | 27 | 112.51 | 78 | 85.94 | 27 | 70.73 | 78 | 72.61 | 78 | 72.96 |
| 397 | 27 | 128.23 | 106 | 79.70 | 27 | 74.00 | 27 | 74.93 | 27 | 70.02 | 27 | 81.28 | 27 | 76.20 | 97 | 53.89 |
| 399 | 106 | 338.71 | 106 | 331.56 | 106 | 277.34 | 106 | 246.66 | 27 | 194.28 | 27 | 162.16 | 27 | 178.37 | 27 | 130.43 |
| 401 | 106 | 232.71 | 138 | 197.58 | 106 | 182.31 | 183 | 176.90 | 106 | 177.05 | 106 | 177.29 | 106 | 173.04 | 27 | 182.18 |
| 402 | 138 | 313.04 | 27 | 310.09 | 138 | 303.04 | 138 | 400.10 | 183 | 301.81 | 183 | 255.00 | 15 | 281.56 | 106 | 252.74 |
| 403 | 27 | 322.26 | 9 | 270.26 | 27 | 202.13 | 138 | 192.00 | 138 | 200.00 | 138 | 200.00 | 183 | 200.00 | 15 | 22.79 |
| 406 | 9 | 472.73 | 27 | 487.17 | 27 | 553.66 | 27 | 440.11 | 27 | 554.87 | 27 | 511.85 | 138 | 574.97 | 183 | 560.11 |
| 414 | 27 | 412.01 | 106 | 730.50 | 27 | 699.26 | 27 | 683.97 | 138 | 584.62 | 203 | 538.54 | 138 | 501.78 | 27 | 547.39 |
| 417 | 106 | 1241.38 | 106 | 601.40 | 9 | 601.40 | 106 | 603.91 | 138 | 533.33 | 203 | 457.07 | 138 | 1110.81 | 27 | 487.51 |
| 420 | 106 | 160.20 | 138 | 74.32 | 27 | 35.09 | 138 | 30.36 | 138 | 11.11 | 100 | 4.15 | 138 | 7.22 | 27 | 108.51 |
| 423 | 138 | 375.18 | 138 | 373.45 | 106 | 463.48 | 138 | 283.43 | 138 | 41.73 | 138 | 197.91 | 138 | 38.08 | 138 | 36.70 |
| 426 | 27 | 25.31 | 27 | 25.45 | 138 | 25.90 | 138 | 26.48 | 138 | 24.78 | 138 | 25.06 | 27 | 26.21 | 203 | 25.75 |
| 446 | 9 | 68.91 | 27 | 26.74 | 138 | 27.62 | 138 | 28.57 | 138 | 29.29 | 150 | 29.24 | 138 | 27.34 | 138 | 26.35 |
| 449 | 138 | 307.19 | 106 | 64.28 | 156 | 62.63 | 203 | 63.50 | 138 | 62.75 | 100 | 63.66 | 203 | 66.97 | 138 | 66.22 |
| 459 | 138 | 60.18 | 138 | 66.33 | 100 | 66.22 | 27 | 66.09 | 138 | 65.01 | 138 | 70.00 | 138 | 67.51 | 138 | 63.85 |
| 460 | 106 | 912.09 | 138 | 59.90 | 138 | 60.83 | 138 | 60.06 | 138 | 59.59 | 138 | 61.53 | 138 | 61.53 | 138 | 60.06 |
| 461 | 138 | 55.62 | 106 | 78.82 | 138 | 78.95 | 138 | 77.78 | 150 | 67.80 | 150 | 62.99 | 59 | 62.34 | 138 | 60.76 |
| 463 | 231 | 438.91 | 138 | 55.34 | 150 | 55.55 | 150 | 53.09 | 138 | 53.32 | 138 | 56.29 | 150 | 55.22 | 138 | 58.27 |
| 464 | 138 | 81.07 | 231 | 440.66 | 138 | 341.30 | 138 | 311.13 | 203 | 290.84 | 138 | 312.72 | 150 | 225.33 | 27 | 55.18 |

| ID | V1 | C1 | V2 | C2 | V3 | C3 | V4 | C4 | V5 | C5 | V6 | C6 | V7 | C7 | V8 | C8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 465 | 245.83 | 183 | 219.51 | 183 | 193.33 | 183 | 200.00 | 183 | 195.40 | 183 | 200.00 | 183 | 190.00 | 183 | 193.18 | 183 |
| 466 | 756.30 | 27 | 519.61 | 183 | 541.67 | 183 | 566.67 | 183 | 384.62 | 183 | 300.00 | 183 | 309.09 | 183 | 266.67 | 183 |
| 469 | 369.48 | 110 | 376.40 | 231 | 275.14 | 231 | 273.78 | 110 | 259.04 | 110 | 258.65 | 110 | 269.29 | 110 | 250.61 | 110 |
| 471 | 500.00 | 231 | 500.00 | 231 | 470.89 | 231 | 465.17 | 231 | 586.47 | 231 | 546.13 | 231 | 225.24 | 101 | 429.02 | 231 |
| 472 | 433.29 | 33 | 449.38 | 33 | 544.24 | 33 | 379.79 | 231 | 197.34 | 173 | 227.69 | 231 | 252.98 | 173 | 252.80 | 173 |
| 473 | 646.46 | 33 | 647.78 | 33 | 551.77 | 33 | 582.05 | 203 | 638.68 | 33 | 463.70 | 138 | 391.38 | 138 | 191.26 | 216 |
| 474 | 246.99 | 27 | 223.45 | 27 | 196.26 | 27 | 175.28 | 27 | 174.64 | 27 | 169.97 | 27 | 190.01 | 27 | 180.30 | 27 |
| 486 | 285.48 | 97 | 304.11 | 97 | 367.46 | 27 | 350.70 | 27 | 353.43 | 27 | 308.64 | 97 | 378.51 | 173 | 268.54 | 173 |
| 489 | 252.50 | 97 | 183.10 | 27 | 64.66 | 27 | 174.77 | 97 | 146.23 | 27 | 138.61 | 27 | 138.67 | 27 | 148.59 | 27 |
| 490 | 342.39 | 27 | 272.99 | 27 | 269.35 | 68 | 321.60 | 27 | 380.82 | 210 | 358.77 | 97 | 391.87 | 97 | 261.71 | 27 |
| 491 | 329.94 | 97 | 265.96 | 97 | 276.71 | 27 | 253.41 | 97 | 261.82 | 173 | 254.53 | 210 | 268.26 | 27 | 220.86 | 27 |
| 495 | 399.36 | 138 | 398.95 | 97 | 450.06 | 97 | 496.77 | 97 | 451.95 | 210 | 409.05 | 173 | 299.69 | 27 | 352.73 | 97 |
| 497 | 90.51 | 78 | 77.65 | 138 | 67.82 | 138 | 64.25 | 138 | 46.83 | 97 | 84.64 | 173 | 49.31 | 173 | 124.72 | 138 |
| 507 | 427.27 | 216 | 122.58 | 78 | 133.33 | 21 | 146.14 | 138 | 121.79 | 138 | 96.64 | 138 | 128.21 | 138 | 85.25 | 138 |
| 509 | 50.80 | 216 | 43.34 | 216 | 59.11 | 216 | 52.50 | 21 | 60.02 | 21 | 35.07 | 21 | 32.45 | 21 | 30.66 | 21 |
| 512 | 73.17 | 216 | 76.23 | 216 | 80.00 | 216 | 74.62 | 138 | 52.29 | 138 | 57.15 | 216 | 62.11 | 216 | 52.65 | 216 |
| 513 | 0 | 0 | 0 | 0 | 0 | 0 | 52.63 | 159 | 50.21 | 159 | 51.44 | 159 | 42.98 | 159 | 45.00 | 159 |
| 515 | 130.03 | 203 | 71.15 | 21 | 63.75 | 21 | 106.16 | 203 | 62.40 | 21 | 42.79 | 21 | 38.42 | 21 | 47.38 | 21 |
| 517 | 202.76 | 59 | 172.41 | 59 | 147.07 | 165 | 250.84 | 203 | 126.14 | 165 | 160.46 | 203 | 45.96 | 165 | 139.58 | 165 |
| 521 | 222.03 | 68 | 289.78 | 15 | 306.68 | 150 | 287.41 | 150 | 259.36 | 150 | 352.25 | 106 | 336.28 | 231 | 323.61 | 106 |
| 523 | 364.22 | 231 | 355.50 | 231 | 461.84 | 15 | 432.60 | 15 | 301.59 | 15 | 214.85 | 203 | 299.19 | 15 | 301.16 | 231 |
| 526 | 113.10 | 138 | 97.73 | 138 | 96.81 | 138 | 87.20 | 138 | 80.17 | 138 | 80.22 | 138 | 67.92 | 68 | 88.16 | 15 |
| 530 | 346.23 | 203 | 147.73 | 138 | 158.33 | 138 | 120.23 | 203 | 61.97 | 138 | 93.37 | 138 | 149.24 | 138 | 145.59 | 138 |
| 531 | 159.69 | 84 | 150.36 | 223 | 113.75 | 203 | 117.94 | 203 | 88.12 | 203 | 100.21 | 203 | 105.23 | 203 | 102.61 | 203 |
| 534 | 460.55 | 231 | 319.32 | 231 | 359.56 | 9 | 306.62 | 84 | 282.10 | 84 | 237.11 | 106 | 282.01 | 106 | 194.05 | 106 |
| 536 | 201.25 | 231 | 202.87 | 138 | 147.87 | 231 | 148.33 | 231 | 118.42 | 231 | 75.56 | 203 | 121.60 | 183 | 83.29 | 183 |
| 537 | 343.04 | 15 | 259.67 | 15 | 261.11 | 15 | 231.15 | 138 | 102.14 | 138 | 220.96 | 183 | 231.13 | 203 | 214.29 | 231 |
| 541 | 296.77 | 231 | 242.75 | 15 | 284.89 | 15 | 352.39 | 231 | 266.36 | 15 | 285.89 | 15 | 209.07 | 231 | 263.64 | 231 |
| 544 | 400.99 | 231 | 393.93 | 231 | 457.08 | 15 | 392.10 | 15 | 359.83 | 68 | 334.48 | 101 | 388.48 | 156 | 357.55 | 231 |
| 547 | 931.03 | 33 | 929.02 | 33 | 1367.04 | 33 | 1483.32 | 229 | 949.15 | 97 | 860.10 | 33 | 592.78 | 33 | 611.11 | 150 |

| ID | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 549 | 214.29 | 224.49 | 235.85 | 238.34 | 233.83 | 215.16 | 241.00 | 329.19 |
| 550 | 381.04 | 360.22 | 288.34 | 554.01 | 680.88 | 622.11 | 379.72 | 400.00 |
| 552 | 351.89 | 397.86 | 247.91 | 245.72 | 257.73 | 330.09 | 404.49 | 366.06 |
| 554 | 624.36 | 558.23 | 711.92 | 1189.06 | 1093.13 | 975.65 | 829.57 | 1458.33 |
| 558 | 291.54 | 236.99 | 335.02 | 299.16 | 431.82 | 368.77 | 506.71 | 646.46 |
| 560 | 459.27 | 542.31 | 602.20 | 1177.24 | 806.94 | 809.52 | 733.85 | 736.11 |
| 561 | 352.94 | 333.33 | 577.78 | 333.33 | 500.00 | 677.42 | 780.49 | 897.06 |
| 563 | 1242.42 | 500.00 | 1333.33 | 1688.52 | 978.72 | 1527.56 | 2402.30 | 2365.59 |
| 564 | 181.54 | 161.72 | 152.23 | 271.05 | 169.54 | 332.26 | 334.12 | 319.81 |
| 565 | 300.33 | 305.38 | 341.51 | 483.84 | 413.09 | 378.78 | 357.23 | 354.84 |
| 567 | 118.39 | 113.53 | 115.23 | 102.90 | 125.44 | 117.96 | 129.53 | 177.00 |
| 568 | 198.79 | 187.26 | 245.16 | 294.70 | 299.57 | 349.23 | 399.60 | 258.75 |
| 569 | 324.30 | 314.10 | 303.53 | 299.15 | 299.85 | 248.89 | 294.13 | 468.20 |
| 570 | 865.36 | 628.99 | 532.24 | 692.76 | 1071.61 | 1122.04 | 1079.49 | 1486.68 |
| 571 | 148.87 | 236.99 | 302.35 | 153.95 | 169.86 | 173.03 | 106.48 | 277.02 |
| 572 | 281.02 | 305.97 | 284.15 | 290.38 | 357.73 | 359.18 | 285.55 | 468.09 |
| 574 | 96.27 | 98.35 | 79.68 | 91.50 | 93.88 | 218.65 | 230.73 | 216.55 |
| 575 | 349.20 | 328.87 | 336.17 | 421.71 | 498.20 | 532.49 | 558.89 | 558.90 |
| 576 | 417.91 | 492.29 | 452.54 | 570.43 | 138.93 | 133.22 | 135.55 | 192.36 |
| 577 | 235.31 | 232.14 | 159.44 | 207.28 | 354.22 | 342.43 | 696.86 | 1178.76 |
| 600 | 41.43 | 43.08 | 42.60 | 42.89 | 41.68 | 26.97 | 45.62 | 53.99 |
| 603 | 59.44 | 86.33 | 69.49 | 56.41 | 56.32 | 57.10 | 57.84 | 101.27 |
| 604 | 45.00 | 45.00 | 45.00 | 45.00 | 51.55 | 49.82 | 66.11 | 69.35 |
| 619 | 64.75 | 73.33 | 165.47 | 78.95 | 73.17 | 98.04 | 73.17 | 198.74 |
| 620 | 127.66 | 97.01 | 273.11 | 387.50 | 86.96 | 376.98 | 392.32 | 531.51 |
| 622 | 510.20 | 670.94 | 674.77 | 750.43 | 1000.00 | 1085.47 | 1462.14 | 1526.32 |
| 623 | 166.61 | 163.30 | 152.47 | 165.52 | 158.95 | 169.07 | 196.05 | 416.67 |
| 624 | 395.26 | 470.28 | 340.17 | 477.42 | 651.58 | 622.04 | 946.44 | 950.00 |
| 632 | 117.96 | 142.86 | 145.99 | 144.36 | 151.16 | 59.43 | 231.01 | 55.56 |
| 633 | 156.41 | 180.33 | 220.16 | 134.88 | 138.23 | 136.90 | 136.09 | 1151.52 |

| Label | V1 | N1 | V2 | N2 | V3 | N3 | V4 | N4 | V5 | N5 | V6 | N6 | V7 | N7 | V8 | N8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 634 | 742.97 | 229 | 336.61 | 97 | 667.89 | 229 | 714.32 | 229 | 704.89 | 229 | 742.85 | 229 | 781.53 | 229 | 770.30 | 229 |
|  | 722.90 | 229 | 756.83 | 229 | 712.34 | 229 | 798.30 | 229 | 1013.65 | 229 | 1229.08 | 229 | 1213.96 | 229 | 1941.53 | 33 |
| 635 | 15.80 | 78 | 17.12 | 78 | 14.70 | 78 | 14.09 | 54 | 21.37 | 68 | 22.69 | 78 | 17.12 | 78 | 20.18 | 78 |
|  | 31.46 | 78 | 41.78 | 78 | 48.52 | 106 | 47.17 | 78 | 41.50 | 78 | 45.82 | 78 | 54.91 | 150 | 56.06 | 78 |
| 639 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 |
|  | 72.69 | 10 | 79.03 | 78 | 79.95 | 78 | 97.52 | 78 | 131.93 | 78 | 132.75 | 78 | 147.93 | 78 | 0. | 231 |
| 641 | 73.51 | 10 | 60.05 | 10 | 58.96 | 10 | 50.41 | 10 | 52.89 | 10 | 46.44 | 10 | 54.28 | 231 | 60.14 | 231 |
|  | 0. | 0 | 85.15 | 10 | 87.89 | 156 | 109.17 | 10 | 94.80 | 231 | 103.92 | 231 | 119.15 | 231 | 118.33 | 210 |
| 647 | 129.03 | 210 | 0. | 0 | 0. | 0 | 0. | 210 | 0. | 0 | 73.53 | 210 | 0. | 0 | 207.32 | 210 |
|  | 0. | 0 | 520.00 | 210 | 545.45 | 210 | 550.00 | 210 | 0. | 0 | 432.69 | 210 | 410.26 | 210 | 0. | 0 |
| 650 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 |
|  | 10.99 | 101 | 34.76 | 78 | 32.35 | 78 | 49.81 | 68 | 48.88 | 68 | 356.83 | 54 | 20.60 | 54 | 0. | 54 |
| 651 | 94.54 | 68 | 102.25 | 150 | 77.74 | 104 | 119.84 | 68 | 107.04 | 68 | 59.91 | 54 | 81.56 | 104 | 84.93 | 54 |
|  | 8.96 | 150 | 9.13 | 165 | 7.81 | 15 | 5.32 | 15 | -4.53 | 15 | 127.64 | 68 | 29.72 | 68 | 148.42 | 68 |
| 652 | 23.35 | 150 | 72.35 | 21 | 81.07 | 68 | 80.45 | 68 | 75.98 | 68 | 8.96 | 15 | 50.68 | 15 | 32.94 | 223 |
|  | 38.09 | 216 | 31.12 | 216 | 38.15 | 33 | 36.49 | 33 | 35.78 | 33 | 64.39 | 78 | 36.55 | 78 | 50.76 | 78 |
| 653 | 71.32 | 33 | 63.75 | 33 | 79.50 | 33 | 79.59 | 33 | 16.70 | 78 | 37.21 | 33 | 85.02 | 33 | 57.59 | 33 |
|  | 56.45 | 33 | 53.13 | 33 | 53.36 | 33 | 54.26 | 33 | 56.62 | 33 | 77.57 | 33 | 56.41 | 33 | 84.16 | 33 |
| 654 | 96.27 | 33 | 93.02 | 33 | 95.59 | 33 | 96.52 | 33 | 81.21 | 33 | 58.21 | 33 | 112.09 | 33 | 88.17 | 33 |
|  | 61.75 | 173 | 61.24 | 173 | 55.88 | 173 | 54.43 | 173 | 56.37 | 173 | 97.65 | 97 | 61.32 | 97 | 113.87 | 173 |
| 655 | 83.02 | 173 | 90.75 | 173 | 91.85 | 97 | 100.00 | 97 | 130.92 | 97 | 33.89 | 97 | 76.92 | 101 | 75.88 | 173 |
|  | 331.57 | 101 | 329.25 | 101 | 524.20 | 101 | 469.71 | 101 | 665.07 | 101 | 135.83 | 101 | 721.98 | 101 | 0. | 0 |
| 656 | 877.50 | 101 | 777.54 | 101 | 1742.96 | 101 | 3737.13 | 101 | 2275.93 | 101 | 744.14 | 101 | 2787.88 | 101 | 769.89 | 101 |
|  | 920.19 | 138 | 892.34 | 138 | 863.18 | 101 | 855.59 | 138 | 863.58 | 138 | 2789.55 | 101 | 1000.74 | 101 | 3492.42 | 150 |
| 657 | 1222.41 | 229 | 1659.23 | 229 | 2889.57 | 138 | 3045.15 | 138 | 3918.92 | 138 | 871.79 | 138 | 4236.84 | 138 | 1296.67 | 138 |
|  | 1000.00 | 68 | 500.00 | 10 | 500.00 | 10 | 1454.55 | 174 | 333.33 | 106 | 4346.05 | 174 | 666.67 | 174 | 5363.64 | 78 |
| 658 | 437.50 | 229 | 1333.33 | 229 | 1000.00 | 229 | 719.30 | 100 | 2000.00 | 100 | 500.00 | 150 | 937.98 | 150 | 152.54 | 174 |
|  | 1412.92 | 138 | 1433.53 | 138 | 1974.87 | 21 | 1773.32 | 21 | 2097.12 | 21 | 1636.36 | 21 | 1983.53 | 21 | 0. | 0 |
| 659 | 3125.23 | 21 | 2542.78 | 21 | 4721.09 | 229 | 7065.80 | 21 | 1824.93 | 15 | 2139.00 | 68 | 7444.24 | 68 | 2547.81 | 21 |
|  | 409.46 | 159 | 517.36 | 159 | 608.03 | 21 | 848.30 | 21 | 648.58 | 21 | 518.02 | 138 | 541.39 | 138 | 8020.41 | 68 |
| 661 | 1077.46 | 231 | 1247.64 | 231 | 1566.73 | 159 | 1918.21 | 150 | 3311.50 | 159 | 3102.45 | 21 | 2415.25 | 21 | 798.50 | 159 |
|  | 138.86 | 78 | 212.99 | 78 | 235.50 | 104 | 346.57 | 104 | -452.27 | 104 | 554.23 | 78 | 251.20 | 138 | 3098.59 | 231 |
| 662 | 403.70 | 138 | 871.22 | 138 | 1082.21 | 78 | 2374.20 | 78 | 4065.95 | 78 | 4006.76 | 21 | 3277.03 | 21 | 270.10 | 138 |
|  | 156.65 | 21 | 200.00 | 21 | 386.27 | 21 | -439.23 | 231 | 366.62 | 231 | 60.00 | 231 | -136.45 | 231 | 3812.50 | 78 |
| 663 | 988.72 | 21 | 1195.71 | 110 | 1186.76 | 110 | 1717.38 | 231 | -1460.06 | 231 | 351.48 | 231 | 867.98 | 78 | 147.89 | 21 |
|  | 2948.52 | 203 | 2792.11 | 203 | 3130.18 | 150 | 4642.86 | 203 | 4343.10 | 203 | 3906.25 | 159 | 3906.25 | 138 | 0. | 0 |
| 664 | 93.30 | 21 | 127.69 | 21 | 148.31 | 21 | 263.19 | 21 | 2257.14 | 21 | 1151.63 | 21 | 258.48 | 159 | 1966.45 | 21 |
|  | 477.12 | 21 | 515.37 | 21 | 872.24 | 21 | 2334.71 | 21 | 2857.50 | 21 | 4777.47 | 21 | 1076.92 | 21 | 2655.17 | 231 |
| 665 | 389.37 | 104 | 415.01 | 104 | 410.43 | 104 | -453.74 | 104 | 508.86 | 104 | 241.61 | 21 | 594.14 | 21 | 268.14 | 21 |
|  | 914.39 | 104 | 1197.18 | 104 | 1137.36 | 104 | 1436.37 | 104 | 1884.87 | 104 | 2754.60 | 21 | 2453.43 | 104 | 1676.47 | 21 |
| 666 | 517.57 | 101 | 361.38 | 101 | 501.27 | 101 | 277.16 | 101 | 494.61 | 104 | 517.02 | 104 | 255.70 | 104 | 627.53 | 104 |
|  | 658.80 | 9 | 864.22 | 9 | 634.62 | 101 | 1009.41 | 228 | 768.21 | 9 | 2102.09 | 104 | 737.86 | 104 | 2400.00 | 231 |
| 667 | 194.12 | 21 | 205.20 | 21 | 193.96 | 21 | 177.17 | 21 | 185.21 | 21 | 221.35 | 223 | 180.67 | 223 | 193.92 | 223 |
|  | 416.66 | 9 | 478.44 | 21 | 489.96 | 21 | 578.06 | 21 | 588.87 | 21 | 748.61 | 9 | 657.89 | 9 | 1000.00 | 228 |
| 671 | 1353.36 | 231 | 1339.23 | 231 | 1351.62 | 231 | 1477.87 | 231 | 1804.95 | 229 | 188.37 | 21 | 2065.29 | 21 | 190.99 | 78 |
|  | 2139.66 | 15 | 1638.31 | 101 | 1757.40 | 101 | 1915.19 | 165 | 2251.14 | 15 | 657.81 | 21 | 3437.50 | 21 | 1923.08 | 231 |
| 677 | 649.18 | 101 | 482.67 | 101 | 534.75 | 101 | 626.31 | 101 | 908.52 | 101 | 1828.69 | 15 | 1824.90 | 229 | 2136.71 | 51 |
|  | 1441.57 | 101 | 1499.80 | 101 | 1525.09 | 101 | 1992.97 | 101 | 1831.90 | 165 | 3576.59 | 10 | 118.47 | 15 | 5344.83 | 100 |
| 687 | 90.00 | 100 | 75.71 | 138 | 50.93 | 138 | 24.93 | 165 | 55.28 | 165 | 862.51 | 101 | 704.56 | 21 | 1055.82 | 150 |
|  | 223.50 | 101 | 697.23 | 101 | 610.59 | 101 | 477.88 | 101 | 809.21 | 101 | 1855.78 | 101 | 2551.18 | 101 | 2552.63 | 101 |
| 689 | 3230.77 | 101 | 3009.26 | 101 | 2488.37 | 101 | 2533.33 | 101 | 3074.07 | 101 | 128.19 | 101 | 12068.97 | 101 | 169.30 | 216 |
|  | 2528.30 | 101 | 3029.54 | 101 | 3026.95 | 101 | 3914.63 | 101 | 4758.35 | 101 | 903.57 | 165 | 603.41 | 165 | 1133.33 | 101 |
| 692 | 1141.18 | 101 | 1029.98 | 229 | 792.55 | 229 | 860.65 | 101 | 1082.86 | 101 | 2214.81 | 101 | 1365.38 | 101 | 2529.97 | 101 |
|  | 1616.38 | 231 | 916.09 | 101 | 781.88 | 101 | 847.63 | 101 | 669.06 | 101 | 18764.71 | 101 | 282.05 | 101 | 85454.55 | 68 |
| 693 | 594.59 | 101 | 285.71 | 101 | 269.74 | 101 | 163.99 | 101 | 312.86 | 101 | 931.48 | 101 | 2529.41 | 101 | 887.62 | 101 |
|  | 171.88 | 101 | 62.50 | 101 | 456.00 | 101 | 1372.09 | 138 | 500.00 | 138 | 649.75 | 101 | 248.28 | 216 | 1923.08 | 68 |
| 698 | 1051.19 | 101 | 819.85 | 101 | 616.34 | 101 | 298.58 | 101 | 409.83 | 101 | 483.87 | 101 | 282.05 | 101 | 121.47 | 101 |
|  | 314.57 | 101 | 734.36 | 101 | 1312.20 | 101 | 1484.60 | 101 | 1462.68 | 101 | 2529.41 | 216 | 1345.68 | 101 | 8095.24 | 68 |
| 702 |  |  |  |  |  |  |  |  |  |  | 1392.97 | 101 |  |  | 264.90 | 101 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 1500.00 | 216 |

| ID | Col1 | Col2 | Col3 | Col4 | Col5 | Col6 | Col7 | Col8 |
|---|---|---|---|---|---|---|---|---|
| 711 | 350.14 / 173 | 336.54 / 27 | 144.89 / 114 | 146.14 / 114 | 154.19 / 114 | 337.42 / 27 | 318.26 / 165 | 213.55 / 114 |
|  | 184.45 / 114 | 624.64 / 54 | 185.27 / 165 | 728.21 / 223 | 652.65 / 100 | 616.12 / 59 | 621.05 / 59 | 621.05 / 59 |
| 723 | 331.41 / 159 | 31.43 / 101 | 19.92 / 101 | 398.53 / 159 | 220.88 / 165 | 168.99 / 165 | 142.86 / 101 | 53.69 / 101 |
|  | 50.41 / 101 | 444.44 / 101 | 43.65 / 101 | 140.57 / 101 | 173.50 / 101 | 144.82 / 101 | 2168.95 / 68 | 666.67 / 216 |
| 737 | 736.32 / 101 | 1968.57 / 101 | 253.97 / 101 | 1275.86 / 101 | 1786.36 / 68 | 2419.58 / 9 | 7166.67 / 150 | 3132.18 / 68 |
|  | 4182.05 / 101 | 2296.05 / 101 | 1552.18 / 101 | 1672.55 / 101 | 2219.51 / 150 | 3329.69 / 101 | 6274.28 / 229 | 7222.22 / 150 |
| 753 | 4178.28 / 101 | 4041.25 / 101 | 1113.95 / 150 | 5855.62 / 21 | 5864.30 / 229 | 2506.19 / 21 | 2467.94 / 231 | 3029.49 / 21 |
|  | 5595.07 / 21 | 874.45 / 114 | 2800.87 / 21 | 2409.37 / 114 | 2419.96 / 114 | 692.81 / 114 | 776.45 / 114 | 2472.73 / 231 |
| 754 | 879.30 / 114 | 762.03 / 114 | 833.06 / 114 | 785.93 / 114 | 779.57 / 114 | 1000.00 / 114 | 1000.00 / 114 | 682.45 / 114 |
|  | 761.11 / 114 |  | 780.08 / 114 | 786.32 / 114 | 1005.73 / 114 |  |  | 0. / 0 |
| 755 | 20922.12 / 114 | 20767.58 / 114 | 19202.19 / 114 | 17002.73 / 114 | 18398.52 / 114 | 20929.73 / 114 | 20790.61 / 114 | 23319.33 / 114 |
|  | 26877.89 / 0 | 30149.68 / 0 | 32070.59 / 114 | 28803.83 / 114 | 40670.50 / 114 | 42000.00 / 114 | 42051.28 / 114 | 0. / 0 |
| 756 | 79.35 / 114 | 190.00 / 114 | 47.40 / 114 | 49.24 / 114 | 51.48 / 114 | 59.80 / 114 | 55.04 / 114 | 66.83 / 114 |
|  | 470.62 / 21 | 479.53 / 21 | 88.56 / 231 | 103.14 / 21 | 153.13 / 21 | 158.49 / 165 | 164.15 / 21 | 0. / 0 |
| 767 | 1092.43 / 138 | 777.93 / 165 | 523.54 / 165 | 446.10 / 223 | 450.47 / 110 | 338.54 / 231 | 660.40 / 165 | 563.30 / 165 |
|  | 158.33 / 9 | 333.99 / 106 | 872.57 / 231 | 1397.09 / 106 | 1023.38 / 231 | 1439.49 / 84 | 1337.41 / 231 | 1583.73 / 231 |
| 768 | 607.14 / 110 | 565.52 / 231 | 259.26 / 106 | 226.19 / 231 | 370.79 / 15 | 423.53 / 231 | 458.82 / 110 | 102.04 / 104 |
|  | 192.92 / 15 | 134.16 / 21 | 482.96 / 231 | 575.76 / 15 | 1216.82 / 110 | 1323.97 / 165 | 1471.39 / 231 | 1468.75 / 231 |
| 769 | 246.71 / 106 | 290.38 / 21 | 175.02 / 165 | 181.77 / 10 | 175.47 / 21 | 169.14 / 231 | 208.89 / 165 | 198.06 / 106 |
|  | 78.96 / 223 | 112.13 / 9 | 282.04 / 231 | 64.29 / 21 | 182.98 / 9 | 382.74 / 223 | 441.07 / 106 | 435.48 / 106 |
| 770 | 227.84 / 223 | 206.01 / 223 | 93.54 / 223 | 77.65 / 9 | 77.28 / 68 | 79.38 / 68 | 82.09 / 223 | 105.61 / 223 |
|  | 112.13 / 68 | 63.61 / 68 | 116.74 / 68 | 104.12 / 223 | 114.41 / 68 | 138.33 / 150 | 134.92 / 231 | 283.81 / 231 |
| 771 | 206.01 / 150 | 177.52 / 150 | 70.55 / 68 | 68.57 / 68 | 75.77 / 173 | 82.16 / 173 | 77.75 / 68 | 135.31 / 68 |
|  | 60.56 / 173 | 83.26 / 173 | 196.65 / 173 | 198.51 / 68 | 206.48 / 183 | 165.33 / 150 | 180.11 / 150 | 181.16 / 150 |
| 773 | 140.17 / 173 | 271.63 / 173 | 86.14 / 173 | 92.43 / 173 | 89.84 / 68 | 103.70 / 150 | 113.33 / 173 | 255.00 / 97 |
|  | 126.50 / 97 | 134.81 / 68 | 382.41 / 228 | 283.58 / 173 | 288.46 / 150 | 309.16 / 97 | 283.82 / 150 | 815.13 / 59 |
| 774 | 319.56 / 68 | 299.59 / 68 | 155.46 / 68 | 172.76 / 68 | 189.84 / 68 | 186.66 / 68 | 183.26 / 68 | 214.03 / 68 |
|  | 149.54 / 68 | 154.63 / 97 | 365.83 / 97 | 404.00 / 68 | 427.67 / 97 | 254.17 / 68 | 389.04 / 68 | 400.65 / 68 |
| 777 | 248.03 / 100 | 107.75 / 68 | 102.75 / 68 | 97.89 / 97 | 101.28 / 68 | 95.44 / 97 | 187.81 / 97 | 113.23 / 97 |
|  | 174.51 / 68 | 199.61 / 15 | 158.74 / 15 | 185.72 / 68 | 236.88 / 15 | 244.24 / 68 | 250.64 / 68 | 323.08 / 97 |
| 780 | 105.37 / 78 | 276.96 / 216 | 184.43 / 216 | 178.00 / 15 | 125.20 / 216 | 138.97 / 100 | 176.70 / 21 | 144.07 / 216 |
|  | 184.09 / 15 | 131.32 / 216 | 237.49 / 216 | 197.59 / 216 | 136.64 / 216 | 270.00 / 216 | 244.29 / 78 | 242.86 / 78 |
| 782 | 240.63 / 216 | 201.20 / 216 | 111.90 / 100 | 146.55 / 216 | 134.22 / 216 | 165.81 / 216 | 205.25 / 216 | 193.60 / 216 |
|  | 163.95 / 216 | 332.69 / 21 | 206.45 / 216 | 250.48 / 21 | 244.72 / 216 | 242.79 / 21 | 278.02 / 216 | 277.78 / 216 |
| 788 | 168.37 / 21 | 365.08 / 15 | 330.55 / 21 | 412.73 / 21 | 426.14 / 21 | 411.29 / 21 | 440.39 / 21 | 580.56 / 21 |
|  | 321.49 / 15 | 86.64 / 21 | 1493.31 / 21 | 1539.37 / 21 | 2117.94 / 21 | 2568.64 / 114 | 2565.22 / 21 | 5066.67 / 68 |
| 789 | 754.94 / 21 | 461.13 / 114 | 116.52 / 114 | 116.67 / 114 | 111.05 / 114 | 103.66 / 138 | 147.85 / 114 | 211.28 / 231 |
|  | 151.75 / 101 | 184.33 / 138 | 330.17 / 138 | 300.74 / 138 | 386.74 / 138 | 496.36 / 138 | 469.09 / 138 | 654.55 / 150 |
| 800 | 544.19 / 114 | 294.82 / 138 | 186.46 / 138 | 272.22 / 138 | 252.04 / 138 | 200.91 / 101 | 207.68 / 138 | 145.40 / 138 |
|  | 198.63 / 138 | 74.63 / 101 | 302.00 / 101 | 309.29 / 101 | 353.85 / 101 | 391.67 / 229 | 391.67 / 231 | 0. / 0 |
| 809 | 269.03 / 138 | 714.29 / 231 | 49.18 / 231 | 13.33 / 231 | 62.50 / 150 | 85.94 / 33 | 307.80 / 78 | 461.54 / 78 |
|  | 333.33 / 101 | 107.29 / 173 | 1055.95 / 173 | 1556.20 / 173 | 750.00 / 173 | 397.44 / 33 | 500.00 / 33 | 0. / 0 |
| 821 | 613.08 / 78 | -12.62 / 138 | 37.94 / 138 | 19.42 / 33 | 18.70 / 33 | 99.42 / 21 | 84.52 / 33 | 81.09 / 33 |
|  | 9.52 / 173 | 152.42 / 21 | 142.75 / 21 | 203.82 / 21 | 159.77 / 138 | 218.75 / 106 | 161.59 / 21 | 170.54 / 33 |
| 826 | 131.97 / 138 | 451.99 / 21 | 490.28 / 106 | 554.61 / 106 | 579.99 / 21 | 604.64 / 68 | 729.25 / 106 | 910.44 / 21 |
|  | 479.39 / 21 | 945.43 / 106 | 1288.25 / 68 | 1366.83 / 68 | 1638.70 / 106 | 1620.76 / 78 | 1756.16 / 68 | 1758.62 / 106 |
| 828 | 1068.70 / 21 | 2881.70 / 68 | 2863.28 / 68 | 2808.83 / 68 | 2919.43 / 68 | 3038.42 / 100 | 3399.71 / 78 | 4164.07 / 68 |
|  | 1346.62 / 68 | 4898.20 / 68 | 5080.28 / 68 | 5722.11 / 100 | 6921.11 / 68 | 7815.79 / 21 | 8590.76 / 100 | 8630.73 / 78 |
| 829 | 4059.02 / 68 | 217.73 / 114 | 305.56 / 223 | 1150.21 / 100 | 2953.10 / 100 | 1940.78 / 203 | 2597.56 / 21 | 2212.77 / 21 |
|  | 2694.12 / 174 | 2917.40 / 100 | 2941.18 / 101 | 2766.47 / 21 | 3954.42 / 100 | 3232.80 / 100 | 6774.19 / 100 | 20238.09 / 203 |
| 831 | 526.32 / 100 | 412.40 / 100 | 426.33 / 100 | 481.34 / 100 | 456.95 / 100 | 607.03 / 68 | 548.86 / 165 | 577.44 / 100 |
|  | 592.83 / 100 | 673.58 / 100 | 684.38 / 100 | 751.25 / 100 | 848.23 / 159 | 1475.86 / 150 | 1332.94 / 150 | 1575.19 / 68 |
| 836 | 454.68 / 159 | 251.58 / 150 | 243.99 / 150 | 400.18 / 150 | 414.88 / 159 | 258.59 / 159 | 244.62 / 159 | 546.50 / 231 |
|  | 860.64 / 159 | 370.11 / 159 | 674.69 / 159 | 509.09 / 159 | 674.09 / 101 | 916.67 / 101 | 916.67 / 101 | 1283.02 / 150 |
| 837 | 328.43 / 101 | 266.31 / 101 | 236.48 / 101 | 270.93 / 101 | 321.22 / 21 | 293.61 / 101 | 257.50 / 101 | 465.06 / 101 |
|  | 602.95 / 101 | 454.45 / 101 | 654.11 / 101 | 735.27 / 21 | 831.69 / 101 | 1088.02 / 150 | 1087.50 / 101 | 1165.33 / 216 |
| 839 | 800.04 / 21 | 565.68 / 21 | 654.38 / 21 | 778.29 / 101 | 833.40 / 101 | 358.00 / 101 | 131.58 / 150 | 121.60 / 101 |
|  | 171.49 / 101 | 388.50 / 101 | 221.46 / 101 | 208.48 / 33 | 428.57 / 33 | 861.10 / 231 | 853.66 / 231 | 1411.76 / 150 |
| 840 | 76.22 / 33 | 84.57 / 33 | 77.91 / 33 | 74.01 / 33 | 72.63 / 33 | 74.39 / 33 | 66.70 / 33 | 101.27 / 33 |
|  | 141.12 / 33 | 136.11 / 33 | 154.25 / 33 | 176.19 / 33 | 118.78 / 33 | 114.51 / 33 | 158.45 / 33 | 157.22 / 33 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 841 | 33 | 123.63 | 33 | 121.66 | 33 | 125.09 | 231 | 130.91 | 231 | 91.79 | 231 | 158.01 | 231 | 177.67 | 231 | 281.49 |
| 842 | 231 | 270.47 | 231 | 269.35 | 231 | 328.52 | 231 | 340.35 | 231 | 338.90 | 156 | 202.62 | 231 | 311.57 | 231 | 320.79 |
| 845 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 846 | 231 | 196.90 | 231 | 202.81 | 231 | 226.53 | 231 | 247.57 | 231 | 240.57 | 231 | 275.38 | 231 | 289.16 | 33 | 372.83 |
| 850 | 231 | 221.70 | 231 | 385.07 | 231 | 380.03 | 231 | 355.83 | 33 | 380.29 | 231 | 516.66 | 231 | 419.04 | 231 | 436.20 |
| 857 | 33 | 161.72 | 231 | 160.18 | 33 | 203.42 | 231 | 142.34 | 231 | 147.36 | 231 | 152.05 | 231 | 177.91 | 33 | 129.21 |
| 859 | 231 | 113.12 | 231 | 97.75 | 231 | 126.82 | 231 | 120.63 | 231 | 134.17 | 231 | 162.84 | 231 | 168.82 | 231 | 153.35 |
| 862 | 231 | 150.35 | 231 | 128.60 | 231 | 108.76 | 231 | 124.41 | 231 | 125.20 | 231 | 144.62 | 231 | 109.63 | 231 | 128.19 |
| 866 | 231 | 199.38 | 231 | 286.10 | 231 | 211.29 | 231 | 301.82 | 231 | 116.25 | 231 | 144.10 | 231 | 163.07 | 231 | 163.27 |
| 867 | 33 | 24.95 | 33 | 18.31 | 33 | 17.35 | 33 | 17.23 | 33 | 19.98 | 33 | 25.38 | 33 | 26.37 | 33 | 29.83 |
| 868 | 33 | 22.66 | 33 | 58.72 | 33 | 55.03 | 33 | 50.61 | 33 | 50.61 | 33 | 51.42 | 33 | 53.97 | 33 | 54.10 |
| 869 | 210 | 48.37 | 210 | 55.70 | 210 | 54.48 | 210 | 52.88 | 210 | 60.67 | 210 | 62.29 | 210 | 54.03 | 210 | 58.49 |
| 870 | 210 | 81.37 | 210 | 77.90 | 210 | 162.41 | 210 | 158.16 | 210 | 160.27 | 210 | 176.11 | 210 | 186.74 | 210 | 188.57 |
| 872 | 231 | 57.98 | 231 | 63.07 | 231 | 60.52 | 231 | 57.25 | 231 | 60.06 | 231 | 57.29 | 231 | 56.34 | 231 | 73.07 |
| 873 | 33 | 97.36 | 33 | 87.82 | 33 | 47.01 | 33 | 107.83 | 33 | 96.32 | 33 | 96.47 | 33 | 120.78 | 138 | 127.70 |
| 874 | 138 | 71.78 | 138 | 72.47 | 138 | 79.69 | 138 | 81.86 | 138 | 84.79 | 138 | 98.63 | 138 | 120.85 | 138 | 164.91 |
| 875 | 228 | 155.14 | 138 | 127.86 | 229 | 163.34 | 138 | 140.79 | 9 | 160.56 | 150 | 257.37 | 150 | 242.11 | 150 | 366.56 |
| 876 | 183 | 588.14 | 9 | 503.13 | 21 | 514.09 | 9 | 519.95 | 9 | 567.08 | 10 | 797.82 | 228 | 731.19 | 228 | 989.64 |
| 882 | 33 | 920.56 | 173 | 984.07 | 10 | 708.93 | 9 | 965.16 | 9 | 890.11 | 15 | 1270.18 | 106 | 1752.76 | 106 | 1752.75 |
| 885 | 33 | 488.13 | 33 | 418.90 | 33 | 366.72 | 15 | 292.94 | 156 | 453.71 | 33 | 378.42 | 33 | 501.90 | 33 | 839.55 |
| 886 | 173 | 565.31 | 156 | 457.93 | 56 | 728.23 | 156 | 775.23 | 229 | 549.98 | 229 | 1079.13 | 229 | 1117.49 | 106 | 1118.75 |
| 887 | 229 | 425.80 | 229 | 355.75 | 229 | 382.39 | 229 | 501.40 | 229 | 468.35 | 229 | 269.23 | 229 | 201.57 | 229 | 287.81 |
| 888 | 10 | 798.45 | 156 | 837.39 | 156 | 796.43 | 10 | 805.29 | 10 | 895.03 | 10 | 379.51 | 10 | 379.20 | 10 | 0 |
| 889 | 156 | 1839.41 | 150 | 1072.28 | 156 | 1134.64 | 150 | 1135.40 | 150 | 1247.86 | 156 | 1918.67 | 156 | 2339.43 | 156 | 1458.61 |
| 890 | 229 | 564.57 | 104 | 496.53 | 33 | 525.18 | 229 | 524.86 | 229 | 446.74 | 9 | 567.08 | 9 | 739.76 | 104 | 2197.91 |
| 894 | 9 | 937.84 | 9 | 771.98 | 229 | 569.54 | 9 | 731.79 | 114 | 1042.74 | 33 | 1315.02 | 33 | 1168.18 | 33 | 878.21 |
| 895 | 150 | 4388.95 | 21 | 3065.83 | 21 | 3546.25 | 21 | 3424.78 | 156 | 3786.07 | 110 | 1911.11 | 110 | 2329.17 | 104 | 1193.55 |
| 896 | 104 | 274.04 | 110 | 3978.62 | 110 | 3970.39 | 110 | 3742.79 | 104 | 1908.47 | 68 | 1592.59 | 68 | 1426.42 | 68 | 904.55 |
| 897 | 104 | 1043.48 | 104 | 975.61 | 104 | 982.14 | 104 | 1407.41 | 104 | 1444.44 | 104 | 1666.67 | 104 | 1600.00 | 104 | 1407.41 |
| 898 | | 614.30 | | 730.69 | | 428.66 | | 375.90 | | 391.34 | | 386.38 | | 456.93 | 231 | 457.39 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 899 | 156 | 245.48 | 156 | 245.67 | 156 | 201.81 | 156 | 138.00 | 156 | 177.86 | 156 | 195.30 | 10 | 350.17 | 10 | 499.14 |
| 900 | 156 | 593.85 | 10 | 736.11 | 156 | 474.55 | 156 | 328.85 | 156 | 455.67 | 156 | 537.86 | 10 | 660.74 | 156 | 721.70 |
| 901 | 15 | 139.97 | 78 | 121.27 | 78 | 110.04 | 78 | 106.97 | 78 | 99.67 | 78 | 161.45 | 15 | 156.55 | 15 | 203.84 |
| 903 | 15 | 150.04 | 229 | 150.61 | 229 | 164.94 | 15 | 165.47 | 15 | 114.10 | 15 | 149.93 | 10 | 149.43 | 68 | 426.46 |
| 904 | 10 | 591.47 | 156 | 588.21 | 156 | 528.97 | 156 | 542.59 | 156 | 536.81 | 10 | 557.42 | 156 | 790.37 | 156 | 953.63 |
| | 0 | 1122.30 | 156 | 1010.56 | 156 | 1023.98 | 156 | 1038.44 | 156 | 1092.48 | 156 | 1254.11 | 156 | 1501.97 | 156 | 1567.92 |
| | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 15 | 87.42 |
| 917 | 15 | 178.59 | 15 | 41.79 | 15 | 37.08 | 15 | 41.53 | 15 | 51.37 | 15 | 111.19 | 78 | 656.95 | 78 | 996.31 |
| 919 | 78 | 1565.22 | 78 | 455.68 | 78 | 592.23 | 78 | 591.40 | 78 | 645.89 | 54 | 554.69 | 54 | 3980.39 | 0 | 0. |
| 920 | 78 | 1296.09 | 78 | 1523.65 | 78 | 1775.26 | 78 | 1937.25 | 54 | 3372.19 | 156 | 3799.18 | 156 | 690.65 | 173 | 884.81 |
| 921 | 229 | 585.51 | 156 | 514.54 | 173 | 456.74 | 156 | 472.42 | 156 | 430.70 | 173 | 478.78 | 173 | 1307.14 | 78 | 2514.93 |
| 922 | 156 | 1037.57 | 228 | 1027.11 | 9 | 834.15 | 229 | 937.72 | 229 | 395.52 | 216 | 60.90 | 104 | 414.90 | 104 | 813.78 |
| 927 | 216 | 358.76 | 33 | 305.12 | 33 | 266.82 | 33 | 344.63 | 33 | 310.81 | 84 | 1654.65 | 104 | 945.97 | 104 | 945.65 |
| 928 | 104 | 608.33 | 33 | 466.11 | 33 | 713.89 | 33 | 800.97 | 21 | 981.24 | 104 | 310.71 | 10 | 398.80 | 231 | 783.85 |
| 929 | 231 | 372.84 | 231 | 342.76 | 10 | 282.13 | 21 | 187.79 | 10 | 211.29 | 10 | 1390.40 | 231 | 1202.27 | 231 | 1204.08 |
| 930 | 231 | 624.71 | 10 | 440.30 | 10 | 513.24 | 10 | 782.45 | 9 | 774.28 | 9 | 355.61 | 10 | 439.80 | 10 | 739.76 |
| | 21 | 327.81 | 9 | 336.45 | 9 | 266.60 | 9 | 327.27 | 10 | 337.71 | 10 | 1143.16 | 10 | 1142.86 | 10 | 1142.86 |
| | 10 | 608.76 | 21 | 287.33 | 15 | 473.27 | 156 | 625.47 | 156 | 783.27 | 156 | 638.20 | 156 | 346.90 | 156 | 1180.89 |
| | 229 | 991.77 | 229 | 125.33 | 10 | 79.40 | 10 | 663.03 | 15 | 515.29 | 10 | 2279.95 | 10 | 2279.07 | 210 | 2272.73 |
| | 104 | 1420.22 | 104 | 984.76 | 104 | 1195.75 | 104 | 1941.46 | 104 | 694.70 | 104 | 322.22 | 104 | 765.69 | 159 | 568.68 |
| | 104 | 374.68 | 104 | 260.00 | 110 | 360.53 | 203 | 435.48 | 104 | 316.33 | 203 | 1769.23 | 104 | 976.53 | 104 | 954.55 |
| | 106 | 826.25 | 106 | 518.60 | 106 | 260.87 | 231 | 648.65 | 104 | 1528.57 | 106 | 685.87 | 231 | 1218.18 | 231 | 939.70 |
| | 106 | 1107.56 | 106 | 734.06 | 106 | 865.77 | 106 | 1124.50 | 231 | 756.08 | 106 | 2621.34 | 78 | 1497.91 | 78 | 1519.69 |
| | 106 | 900.00 | 106 | 726.70 | 106 | 1223.16 | 78 | 1346.30 | 106 | 1851.17 | 15 | 761.90 | 0 | 0. | 0 | 1125.00 |
| | 0 | | 15 | 571.43 | 15 | 776.79 | 106 | 800.00 | 15 | 1000.00 | 156 | 2678.57 | 78 | 916.67 | 0 | 0. |
| | 106 | 545.45 | 0 | 843.75 | 0 | 893.94 | 0 | 1251.40 | 0 | 2064.94 | | | | | 0 | 6. |
| | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 156 | 4387.10 | 0 | 0. | 0 | 0. |
| | 0 | 0. | | | | | | | | | | | | | | |

## APPENDIX B3: Smallest Prices, Aggregate Commodities, 1961-76.

Top years (1961–1968) — smallest price:

| comm | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 |
|---|---|---|---|---|---|---|---|---|
| 15 | 55.28 | 58.39 | 57.60 | 57.87 | 55.21 | 54.42 | 59.15 | 67.57 |
| 27 | 91.33 | 111.86 | 104.65 | 0. | 47.95 | 3.34 | 36.70 | 7.09 |
| 44 | 61.90 | 59.50 | 59.31 | 53.36 | 37.48 | 50.21 | 50.72 | 75.80 |
| 51 | 123.43 | 126.01 | 111.10 | 0. | 116.79 | 128.10 | 149.61 | 142.19 |
| 56 | 51.20 | 51.77 | 46.23 | 48.37 | 50.74 | 56.82 | 54.31 | 85.78 |
| 71 | 48.10 | 51.85 | 46.84 | 0. | 39.64 | 42.96 | 45.11 | 52.06 |
| 75 | 48.00 | 43.78 | 40.11 | 38.73 | 36.98 | 46.15 | 30.02 | 39.54 |
| 79 | 41.65 | 44.01 | 46.08 | 0. | 36.47 | 55.86 | 61.06 | 75.66 |
| 83 | 38.85 | 44.30 | 42.57 | 40.33 | 40.68 | 47.34 | 52.06 | 62.41 |
| 89 | 77.65 | 102.80 | 114.02 | 104.39 | 98.39 | 68.71 | 88.79 | 130.33 |
| 101 | 94.92 | 127.50 | 183.15 | 261.70 | 138.57 | 97.16 | 140.55 | 191.12 |
| 103 | 90.58 | 113.08 | 82.93 | 53.67 | 84.89 | 91.42 | 100.33 | 149.96 |
| 108 | 124.08 | 73.08 | 87.68 | 51.22 | 47.61 | 48.86 | 31.06 | 41.63 |
| 116 | 31.04 | 25.59 | 29.48 | 33.80 | 32.63 | 37.30 | 47.19 | 51.03 |
| 122 | 49.00 | 44.71 | 78.53 | 85.96 | 71.79 | 68.32 | 89.64 | 93.11 |
| 125 | 0.66 | 0.76 | 15.01 | 11.42 | 13.49 | 14.88 | 22.24 | 18.44 |
| 136 | 126.46 | 168.54 | 214.84 | 51.55 | 62.50 | 78.57 | 143.71 | 172.41 |
| 137 | 426.90 | 619.35 | 250.00 | 4.51 | 4.95 | 109.38 | 174.60 | 305.34 |
| 149 | 52.50 | 119.84 | 17.21 | 66.18 | 92.35 | 5.62 | 8.71 | 8.70 |
| 164 | 185.05 | 404.11 | 243.85 | 40.98 | 84.40 | 86.76 | 115.92 | 155.22 |
| 176 | 256.36 | 263.45 | 279.47 | 85.52 | 88.83 | 144.62 | 149.91 | 190.34 |
| 181 | 203.20 | 191.18 | 272.67 | 81.89 | 84.29 | 101.88 | 102.59 | 172.07 |
| 187 | 294.07 | 271.88 | 211.18 | 99.54 | 174.61 | 75.13 | 106.84 | 153.00 |
| 191 | 254.28 | 228.93 | 305.84 | 209.68 | 248.64 | 231.68 | 156.92 | 206.70 |
| 197 | 229.51 | 266.51 | 320.16 | 161.84 | 141.81 | 287.43 | 307.96 | 306.61 |
| 201 | 147.57 | 303.27 | 300.60 | 90.36 | 101.01 | 202.53 | 251.13 | 140.35 |
| 205 | 476.67 | 100.00 | 153.85 | 142.86 | 26.67 | 98.36 | 99.80 | 90.80 |
| 210 | 90.33 | 128.43 | 148.15 | 35.00 | 0. | 44.17 | 98.47 | 158.27 |
| 211 | 10000.00 | 46.21 | 111.37 | 139.78 | 0. | 25.13 | 25.94 | 0. |

Bottom years (1969–1976) — smallest price:

| comm | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 |
|---|---|---|---|---|---|---|---|---|
| 15 | 123.57 | 152.57 | 134.03 | 106.61 | 0. | 0. | 0. | 0. |
| 27 | 7.39 | 24.82 | 41.31 | 0. | 0. | 0. | 0. | 0. |
| 44 | 104.19 | 129.21 | 134.11 | 112.33 | 0. | 0. | 0. | 0. |
| 51 | 147.66 | 158.75 | 135.28 | 0. | 0. | 0. | 0. | 0. |
| 56 | 119.30 | 130.88 | 114.98 | 44.63 | 0. | 0. | 0. | 0. |
| 71 | 111.19 | 107.98 | 112.80 | 0. | 0. | 0. | 0. | 0. |
| 75 | 98.69 | 101.43 | 73.02 | 35.58 | 0. | 0. | 0. | 0. |
| 79 | 87.16 | 127.96 | 103.69 | 0. | 0. | 0. | 0. | 0. |
| 83 | 96.25 | 95.42 | 97.50 | 0. | 0. | 0. | 0. | 0. |
| 89 | 175.74 | 181.77 | 197.11 | 104.39 | 0. | 0. | 0. | 0. |
| 101 | 237.67 | 285.88 | 296.81 | 0. | 0. | 0. | 0. | 0. |
| 103 | 175.78 | 170.67 | 164.90 | 51.22 | 0. | 0. | 0. | 0. |
| 108 | 49.84 | 157.60 | 230.34 | 33.80 | 0. | 0. | 0. | 0. |
| 116 | 58.25 | 78.11 | 136.74 | 85.96 | 0. | 0. | 0. | 0. |
| 122 | 113.68 | 91.91 | 99.71 | 11.42 | 0. | 0. | 0. | 0. |
| 125 | 20.53 | 36.91 | 59.35 | 0. | 0. | 0. | 0. | 0. |
| 136 | 45.05 | 42.11 | 40.40 | 51.55 | 0. | 0. | 0. | 0. |
| 137 | 4.50 | 6.86 | 4.62 | 4.51 | 0. | 0. | 0. | 0. |
| 149 | 62.80 | 55.16 | 56.55 | 66.18 | 0. | 0. | 0. | 0. |
| 164 | 110.84 | 123.74 | 42.72 | 40.98 | 0. | 0. | 0. | 0. |
| 176 | 14.30 | 78.57 | 77.64 | 85.52 | 0. | 0. | 0. | 0. |
| 181 | 75.47 | 77.57 | 78.26 | 81.89 | 0. | 0. | 0. | 0. |
| 187 | 119.02 | 121.64 | 120.73 | 99.54 | 0. | 0. | 0. | 0. |
| 191 | 145.68 | 149.84 | 190.84 | 209.68 | 0. | 0. | 0. | 0. |
| 197 | 147.57 | 175.52 | 173.67 | 161.84 | 0. | 0. | 0. | 0. |
| 201 | 90.33 | 89.55 | 98.52 | 90.36 | 0. | 0. | 0. | 0. |
| 205 | 116.28 | 128.43 | 148.15 | 142.86 | 0. | 0. | 0. | 0. |
| 210 | 129.70 | 208.38 | 38.70 | 35.00 | 0. | 0. | 0. | 0. |
| 211 | 29.77 | 46.21 | 139.78 | 0. | 0. | 0. | 0. | 0. |

| ID | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 216 | 497.41 (21) | 978.56 (21) | 507.03 (21) | 722.64 (21) | 413.87 (21) | 941.32 (21) | 501.54 (21) | 422.69 (21) | 572.01 (21) | 538.31 (21) | 672.53 (21) |
| 217 | 236.24 (114) | 225.12 (114) | 212.16 (114) | 221.96 (114) | 221.40 (114) | 280.74 (114) | 221.03 (114) | 196.45 (114) | 209.29 (114) | 189.71 (114) | 193.61 (114) |
| 220 | 167.45 (174) | 363.18 (174) | 165.43 (223) | 334.22 (174) | 174.00 (223) | 355.09 (174) | 174.21 (223) | 192.66 (174) | 254.39 (174) | 294.57 (174) | 326.60 (223) |
| 221 | 1180.08 (174) | 2512.21 (183) | 1168.27 (174) | 2074.52 (174) | 1271.55 (174) | 1526.06 (174) | 1410.90 (174) | 1343.95 (174) | 1424.62 (174) | 1693.43 (231) | 2562.05 (174) |
| 222 | 450.00 (231) | 776.74 (100) | 450.00 (174) | 941.48 (231) | 500.00 (174) | 983.42 (183) | 500.00 (183) | 500.00 (183) | 421.76 (183) | 695.13 (100) | 1029.01 (106) |
| 223 | 1431.35 (223) | 2453.59 (223) | 1354.21 (183) | 3052.72 (100) | 1404.76 (183) | 2688.50 (183) | 1452.71 (223) | 1587.21 (223) | 1678.47 (223) | 1690.67 (223) | 2061.85 (223) |
| 225 | 838.42 (106) | 1375.95 (106) | 920.50 (223) | 1432.17 (223) | 1018.40 (100) | 1285.41 (223) | 1079.19 (106) | 1024.27 (106) | 1042.09 (106) | 1040.64 (106) | 1161.55 (106) |
| 234 | 101.79 (159) | 124.75 (159) | 118.20 (106) | 131.54 (106) | 89.18 (223) | 253.68 (106) | 85.53 (159) | 103.55 (159) | 94.84 (159) | 119.00 (159) | 80.65 (159) |
| 237 | 285.44 (231) | 677.58 (21) | 247.75 (159) | 594.48 (159) | 202.67 (106) | 412.37 (159) | 195.20 (231) | 245.66 (231) | 283.37 (231) | 248.70 (231) | 269.50 (231) |
| 238 | 81.80 (21) | 148.47 (21) | 85.04 (231) | 150.82 (21) | 82.21 (159) | 180.10 (229) | 84.42 (231) | 82.32 (231) | 87.87 (231) | 106.86 (231) | 209.63 (231) |
| 244 | 248.93 (9) | 726.23 (159) | 241.58 (21) | 903.21 (21) | 238.18 (231) | 613.91 (231) | 271.55 (9) | 287.35 (9) | 337.51 (9) | 380.61 (21) | 385.15 (159) |
| 245 | 78.22 (21) | 140.72 (9) | 81.75 (9) | 126.77 (68) | 79.68 (21) | 134.03 (231) | 78.28 (21) | 83.21 (21) | 80.30 (100) | 86.83 (100) | 188.66 (100) |
| 252 | 185.56 (101) | 1082.43 (78) | 179.61 (21) | 119.44 (100) | 239.13 (9) | 119.66 (9) | 216.24 (101) | 243.33 (101) | 233.79 (101) | 138.75 (101) | 150.72 (101) |
| 253 | 35.28 (101) | 102.35 (101) | 17.29 (101) | 83.25 (101) | 13.25 (21) | 84.92 (100) | 11.37 (101) | 27.18 (101) | 41.80 (216) | 43.50 (216) | 72.30 (101) |
| 257 | 188.63 (101) | 559.40 (159) | 176.75 (101) | 199.91 (159) | 128.06 (101) | 334.08 (101) | 134.45 (101) | 220.62 (101) | 213.80 (101) | 174.52 (101) | 267.08 (101) |
| 258 | 199.92 (101) | 718.03 (101) | 180.22 (159) | 283.46 (101) | 219.23 (101) | 289.82 (101) | 189.80 (101) | 225.59 (101) | 183.50 (101) | 125.69 (101) | 278.84 (101) |
| 259 | 48.60 (101) | 63.74 (101) | 33.17 (101) | 54.19 (101) | 38.39 (101) | 65.68 (159) | 35.59 (101) | 42.87 (101) | 35.29 (101) | 27.21 (101) | 56.00 (101) |
| 261 | 662.64 (203) | 1366.06 (223) | 596.51 (223) | 1742.86 (84) | 732.81 (101) | 1529.94 (101) | 586.89 (223) | 749.86 (223) | 726.66 (68) | 821.45 (68) | 1021.76 (223) |
| 263 | 88.00 (159) | 175.28 (159) | 92.78 (159) | 260.99 (159) | 125.82 (101) | 209.04 (106) | 149.79 (159) | 138.34 (159) | 79.20 (159) | 88.92 (159) | 94.33 (159) |
| 266 | 234.97 (21) | 824.76 (21) | 292.63 (110) | 522.92 (100) | 312.66 (106) | 544.06 (159) | 245.01 (21) | 249.09 (21) | 296.01 (21) | 424.71 (21) | 932.80 (21) |
| 268 | 240.66 (9) | 676.34 (228) | 210.69 (231) | 655.86 (9) | 194.40 (159) | 474.59 (21) | 194.57 (97) | 209.79 (9) | 266.01 (231) | 289.90 (9) | 356.34 (9) |
| 269 | 60.95 (9) | 58.67 (228) | 63.68 (231) | 104.82 (54) | 63.41 (21) | 115.94 (9) | 63.33 (9) | 63.82 (9) | 68.96 (231) | 75.38 (231) | 108.18 (228) |
| 271 | 97.43 (228) | 601.82 (110) | 181.05 (173) | 565.76 (210) | 140.59 (9) | 423.68 (33) | 158.76 (33) | 218.91 (9) | 253.66 (33) | 221.35 (33) | 317.66 (210) |
| 272 | 58.09 (54) | 102.46 (106) | 56.59 (173) | 68.86 (9) | 56.79 (210) | 96.09 (210) | 50.74 (210) | 55.47 (33) | 45.33 (210) | 53.45 (210) | 62.77 (165) |
| 276 | 353.13 (165) | 626.06 (9) | 224.75 (231) | 471.65 (100) | 206.03 (210) | 679.26 (9) | 282.62 (9) | 448.07 (33) | 243.76 (231) | 184.56 (231) | 360.05 (9) |
| 281 | 267.63 (231) | 778.49 (231) | 256.82 (231) | 602.37 (138) | 221.95 (231) | 416.96 (100) | 210.03 (231) | 221.39 (231) | 272.44 (138) | 225.96 (100) | 312.60 (138) |
| 282 | 36.84 (231) | 41.42 (138) | 30.07 (231) | 40.15 (101) | 34.62 (231) | 60.21 (138) | 28.83 (138) | 28.36 (138) | 21.32 (216) | 26.57 (101) | 32.06 (138) |
| 290 | 109.98 (101) | 117.27 (100) | 143.90 (101) | 82.97 (114) | 77.84 (101) | 735.98 (114) | 452.64 (216) | 458.32 (159) | 430.70 (216) | 70.58 (138) | 86.83 (101) |
| 291 | 15.14 (101) | 13.39 (101) | 16.85 (101) | 102.46 (101) | 12.14 (101) | 156.30 (100) | 62.12 (159) | 58.71 (159) | 71.99 (216) | 62.56 (33) | 8.53 (101) |
| 293 | 390.18 (33) | 944.75 (15) | 369.67 (216) | 1218.09 (33) | 420.76 (33) | 839.80 (68) | 393.46 (33) | 331.10 (33) | 326.74 (33) | 348.59 (33) | 604.03 (33) |

| ID | c1 | | c2 | | c3 | | c4 | | c5 | | c6 | | c7 | | c8 | |
|-----|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 297 | 223 | 181.82 | 97 | 118.55 | 223 | 175.55 | 165 | 146.14 | 97 | 141.29 | 27 | 114.90 | 100 | 117.21 | 100 | 84.47 |
| 298 | 165 | 143.04 | 100 | 202.25 | 165 | 204.47 | 165 | 283.51 | 97 | 274.10 | 27 | 222.90 | 100 | 227.39 | 100 | 163.88 |
| 299 | 223 | 352.73 | 97 | 229.98 | 223 | 340.57 | 159 | 222.22 | 159 | 240.88 | 159 | 104.05 | 159 | 107.31 | 27 | 476.19 |
| 331 | 165 | 277.50 | 100 | 392.36 | 165 | 396.67 | 228 | 265.29 | 159 | 215.58 | 228 | 296.48 | 159 | 217.09 | 231 | 350.85 |
| 332 | 159 | 109.49 | 159 | 142.86 | 159 | 146.58 | 216 | 46.97 | 159 | 44.51 | 59 | 59.41 | 159 | 51.40 | 165 | 92.16 |
| 334 | 159 | 459.63 | 159 | 120.23 | 183 | 500.00 | 231 | 190.33 | 33 | 189.64 | 33 | 172.53 | 9 | 170.93 | 9 | 248.86 |
| 335 | 228 | 272.79 | 159 | 269.13 | 228 | 224.77 | 231 | 75.87 | 33 | 70.42 | 33 | 67.18 | 33 | 84.22 | 9 | 148.61 |
| 337 | 159 | 382.34 | 228 | 607.78 | 21 | 540.92 | 223 | 290.26 | 15 | 454.34 | 68 | 493.42 | 15 | 368.06 | 165 | 126.86 |
| 338 | 21 | 58.37 | 21 | 57.08 | 21 | 57.76 | 223 | 290.26 | 15 | 454.34 | 68 | 493.42 | 15 | 368.06 | 165 | 126.86 |
| 340 | 100 | 106.15 | 100 | 98.82 | 165 | 53.13 | 27 | 160.16 | 101 | 182.90 | 101 | 141.24 | 21 | 150.93 | 27 | 219.47 |
| 341 | 9 | 172.79 | 9 | 166.05 | 9 | 183.99 | 223 | 13.19 | 101 | 31.90 | 101 | 21.63 | 33 | 3.94 | 174 | 33.15 |
| 343 | 9 | 720.82 | 9 | 631.55 | 231 | 483.73 | 106 | 12.73 | 165 | 57.18 | 10 | 64.81 | 165 | 53.87 | 10 | 72.84 |
| 358 | 9 | 79.50 | 9 | 83.85 | 100 | 83.87 | 101 | 11.14 | 231 | 105.16 | 101 | 23.64 | 101 | 25.00 | 101 | 41.69 |
| 366 | 231 | 135.04 | 223 | 131.81 | 223 | 128.08 | 203 | 118.53 | 203 | 118.53 | 203 | 118.59 | 203 | 128.92 | 203 | 143.17 |
| 367 | 223 | 208.51 | 68 | 831.89 | 68 | 208.06 | 231 | 603.98 | 231 | 624.53 | 106 | 616.85 | 231 | 724.15 | 231 | 778.64 |
| 372 | 223 | 847.04 | 223 | 177.98 | 223 | 772.00 | 231 | 117.61 | 231 | 103.46 | 203 | 117.28 | 231 | 118.93 | 203 | 141.49 |
| 373 | 78 | 45.67 | 78 | 42.65 | 78 | 47.62 | 78 | 45.76 | 78 | 48.61 | 78 | 54.91 | 78 | 39.12 | 78 | 68.82 |
| 388 | 97 | 72.96 | 78 | 72.61 | 68 | 70.73 | 183 | 98.88 | 97 | 104.28 | 97 | 92.83 | 223 | 47.96 | 223 | 82.72 |
| 393 | 223 | 48.67 | 97 | 88.56 | 223 | 58.05 | 223 | 11.11 | 27 | 30.36 | 27 | 35.09 | 27 | 74.32 | 106 | 160.20 |
| 394 | 106 | 130.61 | 223 | 115.97 | 106 | 107.61 | 27 | 126.32 | 203 | 121.17 | 203 | 118.27 | 203 | 129.19 | 203 | 143.68 |
| 397 | 27 | 108.51 | 27 | 239.48 | 27 | 197.91 | 203 | 103.59 | 27 | 101.86 | 27 | 113.29 | 27 | 126.69 | 27 | 135.69 |
| 399 | 203 | 169.49 | 203 | 172.97 | 231 | 295.60 | 27 | 61.73 | 138 | 60.06 | 138 | 60.83 | 138 | 59.90 | 138 | 60.18 |
| 401 | 173 | 168.28 | 27 | 359.73 | 27 | 99.82 | 138 | 53.32 | 138 | 53.09 | 138 | 55.55 | 138 | 55.34 | 138 | 55.62 |
| 402 | 138 | 80.80 | 231 | 155.22 | 231 | 224.95 | 138 | 117.10 | 138 | 93.10 | 27 | 60.38 | 27 | 94.56 | 138 | 81.07 |
| 403 | 138 | 174.91 | 138 | 61.53 | 27 | 59.59 | 138 | 29.00 | 203 | 60.79 | 203 | 40.60 | 203 | 69.05 | 203 | 80.94 |
| 406 | 138 | 60.06 | 138 | 62.34 | 229 | 63.33 | 203 | 145.51 | 27 | 123.03 | 100 | 66.71 | 100 | 100.40 | 138 | 312.21 |
| 414 | 138 | 60.76 | 138 | 55.22 | 229 | 56.29 | 100 | 61.04 | 138 | 60.87 | 138 | 60.31 | 138 | 60.90 | 138 | 69.67 |
| 417 | 150 | 58.27 | 150 | 225.33 | 203 | 312.72 | 138 | 88.28 | 150 | 65.03 | 150 | 73.88 | 150 | 68.39 | 150 | 66.69 |
| 420 | 150 | 55.18 | 138 | 72.17 | 100 | 104.09 | 150 | 33.74 | 203 | 83.44 | 203 | 82.84 | 203 | 90.10 | 203 | 101.66 |
| 423 | 203 | 70.71 | 203 | 92.52 | 138 | 38.74 | 203 | 0. | 0 | 0. | 223 | 162.65 | 223 | 239.13 | 223 | 666.67 |

Note: This page is a dense, landscape-printed numeric data table. The values below are transcribed as rows keyed by the left-hand identifier, each followed by the sequence of value/code pairs read across the row.

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 426   80.48  15   63.13 173   70.81  15   67.78  15   67.45  15   59.66 173   81.79 231   59.26 173
 449  659.35  54  570.49  54  629.95  54  642.31  54  494.07  54  132.77  33  103.79  15   93.18  15
 459    0.    0     0.    0     0.    0     0.    0     0.    0   202.37 104  545.54  54  573.15  54
 460   84.87 228   86.00 228  103.75 183   86.51  51   65.00 228  933.86  68  947.85 228  782.24  68
 463    0.   203   79.36  84   66.36  84   62.50  84   51.17  84   48.33 228   52.55  68  144.17 228
 486  167.13 203   57.57  84   52.10  84   40.01  84   42.14  84  234.36 100  231.37 173   58.04 100
 489   83.53  84   43.34 216   59.11  21   52.50  21   60.02  21   55.57 203   58.13  84  128.21  84
 490   50.80 216    0.    0     0.    0     0.   159   50.21 159  134.87  84  126.68 203   43.58 203
 495    0.    0   117.53 203  108.64 203  107.31 203   96.78 203   49.17 138   50.48  84  122.65  84
 497  130.82 203   97.77 138   96.81 138   87.20 138   80.17 138  123.10 138  112.66  84   30.66 138
 507  113.10 138  150.36 203  113.75 203  117.94 203   88.12 203   35.07  21   32.45  21   52.65 203
 512    0.    0   112.94 138  147.87 223  157.58 231   98.70 223   57.15 216   62.11 216   45.00 106
 515  159.69 203   86.44 231   75.96 231   74.51 231   62.36 231   51.44 159   42.98 159    0.   223
 517  121.38 138  149.68  27  157.74  97  119.97  27  138.13  27  148.75 159    0.    0    79.25 231
 521   85.68 231  177.20  68  115.08  68   92.82  68   74.25  68   75.14 138   79.77  21  140.16 231
 523  200.22  10  129.55 203  145.66  68  121.35 106  133.88 106  134.93  15   45.96 165   88.16 231
 526  157.69 106   48.78 203  127.27 183   91.40 106  121.43 183   80.22 138   67.92 138  145.59 106
 530  146.43  97  134.29 203  118.97 231  126.97 203  118.84 203   93.60 138  149.24 203  102.61 203
 531   53.19 203  283.14  97  209.52  97  223.78  84  200.22  84  100.21 203  105.23 203  194.05 223
 534  155.22 203  169.61  97  240.00 183  237.93 183  197.22 183  237.11 106  282.01 223   83.29 106
 536  385.78  97  116.48 203  152.16  27  169.62  84  129.53  84   38.31  21   82.84 231  157.12  21
 541  321.88 183   92.61 203   90.89 183   67.68 183   63.52 183  166.67 223  172.36 231   62.35 223
 544  133.11 203  160.77  51  162.81  51  135.14  68  241.49  68   11.59 101   43.34  27   95.09 231
 547  105.92 203  345.04 138  266.67  51  306.06 138  287.33 138  115.12 231  108.06  10  116.30 231
 549  217.95  51  426.10  97  458.57  97  156.25 173  239.07 173  127.31  68   84.62  68  213.74  27
 550  359.32  51  241.89  97  215.16  97  233.83  97  238.34  97  248.42 106  280.79  68   22.35  97
 552  451.43 150  404.49  15  330.09  15  257.73 173  245.72  15   64.53  68   58.36 106  309.71  68
 554  330.35  97  506.71  33  368.77  33  431.82  33  299.16  33  233.95  68  287.51 203  135.42 203
 558  366.06  78  780.49  78  677.42  78  500.00 173  333.33 173  126.94 150  151.25 223  152.36 183
 560  648.41  33  334.12  33  332.26  33  169.54 104  488.62 231  181.59 203  299.39 203   90.23 106
```

(Additional left-hand columns present in the original: e.g. 560 → 319.81/78, 897.06/78; 76.40/223, 135.77/223; 79.29/223, 158.90/223; 81.76/223, 198.79/27; 300.33/33, 248.05/15; etc. These dense left-margin value/code groups are partially legible only.)

| ID | n1 | v1 | n2 | v2 | n3 | v3 | n4 | v4 | n5 | v5 | n6 | v6 | n7 | v7 | n8 | v8 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 564 | 84 | 102.50 | 84 | 104.69 | 84 | 84.20 | 84 | 97.02 | 84 | 96.20 | 84 | 123.00 | 84 | 145.47 | 84 | 214.22 |
| 567 | 84 | 272.82 | 106 | 227.08 | 106 | 336.17 | 27 | 42.89 | 27 | 41.68 | 27 | 26.97 | 27 | 45.62 | 27 | 53.99 |
| 568 | 97 | 41.43 | 231 | 43.08 | 97 | 42.60 | 183 | 45.00 | 183 | 51.55 | 183 | 49.82 | 183 | 66.11 | 183 | 69.35 |
| 569 | 27 | 58.82 | 183 | 86.33 | 138 | 69.49 | 174 | 41.42 | 174 | 39.84 | 174 | 42.27 | 174 | 49.01 | 174 | 104.26 |
| 571 | 174 | 45.00 | 183 | 69.11 | 183 | 38.12 | 138 | 144.36 | 138 | 151.16 | 165 | 59.43 | 165 | 231.01 | 101 | 55.56 |
| 572 | 165 | 69.11 | 174 | 40.84 | 174 | 101.45 | 78 | 500.00 | 138 | 500.00 | 21 | 333.33 | 138 | 500.00 | 21 | 535.71 |
| 574 | 59 | 41.69 | 59 | 117.57 | 59 | 145.99 | 138 | 61.88 | 138 | 63.95 | 138 | 67.78 | 138 | 65.02 | 138 | 69.27 |
| 577 | 21 | 98.81 | 165 | 142.86 | 21 | 219.21 | 231 | 661.74 | 229 | 452.64 | 229 | 484.17 | 229 | 518.13 | 231 | 751.13 |
| 603 | 138 | 117.96 | 21 | 180.54 | 21 | 307.69 | 216 | 17.38 | 216 | 19.02 | 216 | 18.65 | 216 | 23.55 | 216 | 23.12 |
| 619 | 138 | 156.41 | 138 | 333.33 | 138 | 571.43 | 84 | 161.52 | 84 | 157.61 | 84 | 148.62 | 84 | 176.04 | 84 | 220.44 |
| 633 | 228 | 181.82 | 150 | 846.15 | 138 | 69.78 | 174 | 0.90 | 78 | 0.96 | 78 | 1.11 | 78 | 1.11 | 78 | 1.48 |
| 634 | 228 | 416.67 | 216 | 60.89 | 229 | 127.49 | 174 | 295.32 | 84 | 297.63 | 84 | 352.82 | 59 | 331.39 | 59 | 350.77 |
| 656 | 59 | 63.32 | 216 | 124.58 | 216 | 312.15 | 101 | 469.71 | 101 | 665.07 | 101 | 744.14 | 101 | 721.98 | 101 | 769.89 |
| 658 | 174 | 120.84 | 150 | 297.60 | 101 | 605.02 | 68 | 1062.50 | 174 | 333.33 | 174 | 500.00 | 174 | 666.67 | 174 | 152.54 |
| 661 | 27 | 553.15 | 216 | 414.25 | 216 | 4.00 | 104 | 372.74 | 104 | 420.39 | 104 | 427.69 | 104 | 486.83 | 104 | 516.60 |
| 667 | 84 | 962.64 | 101 | 9.57 | 84 | 60.76 | 9 | 277.16 | 9 | 494.61 | 223 | 221.35 | 223 | 241.05 | 223 | 193.92 |
| 671 | 59 | 16.70 | 27 | 41.98 | 203 | 143.00 | 21 | 177.17 | 21 | 185.21 | 21 | 188.37 | 21 | 180.67 | 21 | 190.99 |
| 677 | 174 | 53.88 | 84 | 173.15 | 78 | 281.35 | 15 | 1477.87 | 231 | 1804.95 | 229 | 1828.69 | 229 | 2065.29 | 231 | 2136.71 |
| 687 | 174 | 94.10 | 59 | 282.35 | 174 | 0.60 | 21 | 626.31 | 21 | 908.52 | 21 | 862.51 | 101 | 827.24 | 100 | 1055.82 |
| 689 | 101 | 189.74 | 174 | 0.27 | 59 | 1.39 | 101 | 24.93 | 101 | 55.28 | 101 | 128.19 | 101 | 118.47 | 101 | 169.30 |
| 692 | 101 | 0.27 | 27 | 1.50 | 174 | 432.49 | 101 | 2533.33 | 101 | 3074.07 | 101 | 2214.81 | 101 | 2551.18 | 101 | 2529.97 |
| 693 | 101 | 1.64 | 59 | 205.95 | 59 | 763.11 | 101 | 860.65 | 101 | 1082.86 | 101 | 931.48 | 101 | 603.41 | 101 | 887.62 |
| 698 | 101 | 1101.32 | 101 | 336.73 | 101 | 524.20 | 101 | 163.99 | 101 | 312.86 | 101 | 483.87 | 101 | 282.05 | 101 | 121.47 |
| 702 | 101 | 608.51 | 101 | 329.25 | 101 | 1742.96 | 101 | 298.58 | 216 | 409.83 | 216 | 111.11 | 101 | 248.28 | 101 | 264.90 |
| 711 | 101 | 331.57 | 27 | 777.54 | 173 | 500.00 | 114 | 146.14 | 114 | 154.19 | 27 | 337.42 | 114 | 196.76 | 114 | 213.55 |
| 723 | 159 | 877.50 | 27 | 1333.33 | 159 | 1000.00 | 165 | 398.53 | 165 | 220.88 | 165 | 53.51 | 101 | 50.10 | 101 | 53.69 |
| 754 | 101 | 0 | 15 | 337.62 | 15 | 334.49 | 15 | 787.88 | 114 | 1464.03 | 114 | 1555.09 | 114 | 1612.26 | 114 | 1567.56 |
| 766 | 114 | 437.50 | 114 | 978.42 | 114 | 928.67 | 21 | 153.90 | 21 | 155.41 | 165 | 112.84 | 21 | 227.64 | 165 | 187.81 |
| 770 | 228 | 317.14 | 231 | 361.38 | 101 | 501.27 | 21 | 77.65 | 21 | 77.28 | 223 | 79.38 | 223 | 88.94 | 223 | 105.61 |
| 771 | 223 | 753.47 | 165 | 864.22 | 101 | 634.62 | 68 | 68.57 | 68 | 75.77 | 68 | 82.16 | 68 | 77.75 | 68 | 135.31 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 773 | 228 | 271.16 | 173 | 83.26 | 173 | 86.14 | 173 | 92.43 | 173 | 89.84 | 173 | 103.70 | 173 | 113.33 | 228 | 341.35 |
| 777 | 228 | 289.84 | 228 | 336.16 | 173 | 365.64 | 97 | 0. | 97 | 0. | 27 | 15.79 | 0 | 187.81 | 0 | 113.23 |
| 780 | 100 | 174.51 | 97 | 167.15 | 97 | 102.75 | 97 | 97.89 | 97 | 101.28 | 97 | 138.97 | 97 | 169.69 | 216 | 144.07 |
| 782 | 68 | 105.37 | 110 | 107.75 | 78 | 169.01 | 15 | 178.00 | 216 | 125.20 | 216 | 165.81 | 216 | 205.25 | 216 | 193.60 |
| 788 | 15 | 62.17 | 203 | 119.01 | 100 | 160.35 | 216 | 146.55 | 216 | 134.22 | 21 | 411.29 | 21 | 440.39 | 21 | 580.56 |
| 789 | 216 | 240.63 | 216 | 258.39 | 216 | 201.70 | 21 | 412.73 | 21 | 426.14 | 21 | 103.66 | 21 | 147.85 | 231 | 211.28 |
| 800 | 216 | 163.95 | 216 | 131.32 | 21 | 111.90 | 21 | 116.67 | 21 | 111.05 | 138 | 200.91 | 0 | 207.68 | 138 | 371.67 |
| 809 | 21 | 168.37 | 21 | 215.18 | 21 | 360.10 | 21 | 0. | 138 | 252.04 | 101 | 0. | 0 | 0. | 210 | 187.50 |
| 821 | 21 | 321.49 | 21 | 332.69 | 21 | 330.55 | 138 | 272.22 | 101 | 62.50 | 33 | 85.94 | 33 | 307.80 | 33 | 81.09 |
| 826 | 21 | 754.94 | 21 | 911.32 | 21 | 639.20 | 101 | 0. | 173 | 13.33 | 173 | 99.42 | 21 | 84.52 | 21 | 932.69 |
| 867 | 101 | 151.75 | 21 | 86.64 | 21 | 116.52 | 138 | 0. | 21 | 19.42 | 33 | 0. | 228 | 749.56 | 228 | 955.63 |
| 868 | 114 | 544.19 | 138 | 461.13 | 138 | 330.17 | 21 | 252.04 | 21 | 570.42 | 21 | 621.62 | 15 | 756.21 | 173 | 669.79 |
| 869 | 138 | 198.63 | 138 | 184.93 | 138 | 186.46 | 9 | 454.04 | 9 | 596.35 | 9 | 690.20 | 0 | 459.88 | 0 | 0. |
| 882 | 138 | 758.44 | 101 | 585.70 | 231 | 990.55 | 15 | 406.16 | 15 | 476.35 | 15 | 378.42 | 0 | 0. | 0 | 0. |
| 919 | 229 | 333.33 | 231 | 74.63 | 173 | 49.18 | 0 | 0. | 0 | 327.70 | 0 | 0. | 10 | 101.88 | 229 | 117.97 |
| 927 | 15 | 440.00 | 173 | 858.43 | 231 | 1055.95 | 231 | 899.60 | 0 | 0. | 10 | 64.17 | 9 | 295.70 | 231 | 627.08 |
| 947 | 173 | 9.52 | 33 | 12.62 | 33 | 37.94 | 33 | 48.35 | 33 | 58.97 | 9 | 147.99 | 9 | 968.13 | 231 | 751.76 |
| 957 | 33 | 131.97 | 21 | 187.07 | 21 | 188.74 | 9 | 133.41 | 9 | 138.48 | 15 | 520.82 | 0 | 1000.00 | 0 | 0. |
| 977 | 21 | 489.59 | 9 | 465.55 | 100 | 504.11 | 9 | 599.47 | 106 | 599.47 | 106 | 0. | 0 | 0. | 101 | 253.20 |
| 978 | 21 | 1087.57 | 9 | 953.52 | 100 | 1286.86 | 231 | 0. | 0 | 0. | 0 | 1109.16 | 229 | 208.79 | 156 | 721.98 |
| 979 | 9 | 522.40 | 33 | 444.71 | 9 | 468.81 | 0 | 0. | 0 | 0. | 0 | 475.21 | 101 | 475.84 | 0 | 762.67 |
| 982 | 183 | 880.60 | 173 | 709.42 | 9 | 771.54 | 0 | 395.48 | 9 | 430.97 | 10 | 387.37 | 156 | 513.82 | 10 | 0. |
| 987 | 104 | 487.81 | 78 | 418.90 | 33 | 366.72 | 9 | 0. | 9 | 362.71 | 9 | 0. | 0 | 0. | 0 | 0. |
| 994 | 173 | 565.31 | 15 | 457.93 | 9 | 660.87 | 110 | 299.51 | 156 | 0. | 9 | 0. | 27 | 221.09 | 27 | 234.56 |
| 995 | 0 | 0. | 15 | 0. | 229 | 382.39 | 0 | 0. | 0 | 1060.00 | 229 | 211.10 | 9 | 757.28 | 9 | 1844.15 |
| 999 | 10 | 76.72 | 156 | 74.73 | 33 | 59.70 | 229 | 162.12 | 27 | 188.62 | 0 | 567.40 | 97 | 122.49 | 97 | 216.51 |
| 1007 | 156 | 137.34 | 9 | 137.90 | 156 | 126.70 | 27 | 698.89 | 9 | 677.47 | 9 | 55.00 | 9 | 248.26 | 9 | 548.54 |
| 1008 | 21 | 135.15 | 231 | 134.93 | 9 | 109.08 | 9 | 0. | 156 | 159.85 | 9 | 203.61 | 78 | 400.00 | 156 | 1149.17 |
| 1009 | 231 | 499.77 | 106 | 365.51 | 9 | 212.94 | 110 | 238.05 | 210 | 252.34 | 78 | 379.67 | 15 | 322.06 | 10 | 345.64 |
| 1017 | 106 | 886.05 | 106 | 585.15 | 229 | 674.59 | 68 | 225.31 | 106 | 530.75 | 15 | 278.51 | 229 | 1555.10 | 229 | 2999.32 |

| ID | | | | | | | | |
|------|--------|---------|---------|---------|---------|---------|---------|---------|
| 1020 | 242.40 | 200.00 | 200.00 | 120.00 | 159.87 | 119.90 | 88.89 | 120.00 |
| 1025 | 693.44 | 460.66 | 291.98 | 345.24 | 919.97 | 349.91 | 401.97 | 326.24 |
| 1035 | 1067.86 | 743.63 | 631.08 | 687.99 | 612.26 | 557.51 | 643.18 | 645.86 |
| 1036 | 163.73 | 89.38 | 88.20 | 81.57 | 76.50 | 83.13 | 108.96 | 94.55 |
| 1037 | 173.42 | 138.74 | 184.26 | 152.13 | 146.97 | 98.82 | 149.20 | 166.70 |
| 1044 | 204.93 | 143.63 | 151.30 | 140.64 | 129.41 | 117.54 | 126.69 | 134.30 |
| 1058 | 805.70 | 583.35 | 566.38 | 578.96 | 543.59 | 532.16 | 541.92 | 569.28 |
| 1059 | 448.15 | 452.13 | 355.07 | 324.32 | 397.26 | 287.36 | 281.61 | 317.87 |
| 1062 | 478.36 | 353.93 | 308.21 | 302.07 | 152.65 | 102.27 | 114.75 | 87.65 |
| 1065 | 377.59 | 100.00 | 359.87 | 372.84 | 128.57 | 425.45 | 592.68 | 516.39 |
| 1089 | 841.05 | 746.56 | 636.09 | 523.66 | 517.62 | 532.77 | 746.13 | 760.74 |
| 1091 | 452.53 | 361.52 | 359.14 | 376.45 | 0. | 591.42 | 729.30 | 685.48 |
| 1097 | 555.13 | 452.86 | 382.43 | 754.39 | 375.06 | 872.93 | 891.10 | 767.83 |
| 1100 | 456.62 | 1721.94 | 1110.24 | 92.39 | 703.39 | 755.91 | 991.59 | 278.76 |
| 1102 | 188.55 | 109.46 | 93.33 | 1196.17 | 75.45 | 246.32 | 137.14 | 278.18 |
| 1163 | 1257.34 | 1443.98 | 1211.75 | 180.64 | 541.24 | 1406.21 | 1716.87 | 952.38 |
| 1166 | 427.14 | 287.77 | 304.10 | 156.11 | 201.52 | 562.84 | 414.01 | 454.21 |
| 1167 | 324.83 | 250.00 | 192.17 | 122.09 | 87.69 | 304.46 | 321.50 | 422.99 |
| 1168 | 245.33 | 150.60 | 112.98 | 67.95 | 123.28 | 206.90 | 210.03 | 340.50 |
| 1173 | 125.09 | 77.58 | 56.93 | 96.03 | 55.10 | 112.51 | 125.92 | 178.95 |
| 1174 | 236.00 | 98.70 | 106.85 | 238.22 | 86.50 | 248.23 | 246.61 | 178.39 |
| 1182 | 543.21 | 389.57 | 267.27 | 1744.58 | 208.28 | 510.78 | 572.68 | 635.48 |
| 1186 | 2331.33 | 1219.62 | 1343.95 | 1321.43 | 1933.16 | 2407.32 | 1368.42 | 2666.50 |
| 1187 | 1910.11 | 1006.29 | 1053.73 | 578.28 | 1404.56 | 1264.09 | 1324.52 | 1400.67 |
| 1195 | 2449.63 | 1308.19 | 1218.22 | 935.48 | 768.58 | 4767.81 | 1517.64 | 3296.36 |
| 1213 | 1188.56 | 668.63 | 504.88 | 1600.12 | 661.11 | 449.57 | 347.29 | 626.23 |
| 1218 | 2835.79 | 1482.43 | 1222.22 | 210.45 | 667.28 | 1123.07 | 1521.79 | 2803.31 |
| 1219 | 358.94 | 119.49 | 217.05 | 175.22 | 110.95 | 204.33 | 249.37 | 482.44 |
| 1221 | 207.13 | 191.23 | 187.40 | 175.22 | 118.55 | 120.60 | 359.42 | 111.11 |
| 1222 | 224.81 | 130.34 | 118.28 | 111.11 | 123.79 | 100.00 | 125.00 | 313.33 |

Note: each of the stacked value columns below contains two numbers (shown as "top / bottom").

| Label | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 1223 | 170.00 / 412.20 | 110.00 | 94.02 / 304.00 | 121.77 / 317.78 | 173.80 | 187.21 | 155.81 | 183.25 |
| 1225 | 177.80 / 373.13 | 102.62 | 105.90 / 284.45 | 132.76 / 313.32 | 140.05 | 173.55 | 148.70 | 165.24 |
| 1242 | 316.51 / 254.63 | 231.38 | 208.72 / 704.48 | 215.66 / 397.11 | 265.13 | 250.91 | 375.03 | 489.66 |
| 1243 | 376.55 / 913.54 | 327.38 | 320.48 / 734.84 | 364.07 / 840.35 | 397.66 | 444.53 | 424.89 | 575.46 |
| 1274 | 176.87 / 488.13 | 142.13 | 213.80 / 223.11 | 166.40 / 175.12 | 198.93 | 196.15 | 170.96 | 399.13 |
| 1275 | 238.85 / 600.82 | 188.24 | 171.90 / 435.56 | 197.36 / 534.64 | 266.17 | 289.43 | 256.43 | 315.86 |
| 1501 | 760.38 / 1746.73 | 932.55 | 847.61 / 1944.94 | 829.12 / 1722.90 | 1039.95 | 242.34 | 1083.04 | 1633.05 |
| 1514 | 116.42 / 232.22 | 135.26 | 134.55 / 235.01 | 114.13 / 238.35 | 129.82 | 147.54 | 167.53 | 192.83 |
| 1527 | 129.14 / 292.35 | 123.54 | 109.72 / 335.07 | 104.47 / 333.12 | 113.05 | 157.86 | 183.16 | 213.82 |
| 1540 | 85.54 / 157.19 | 116.66 | 81.26 / 157.78 | 138.63 / 160.00 | 141.39 | 143.31 | 119.74 | 179.34 |
| 1553 | 429.77 / 1194.60 | 116.01 | 122.85 / 1592.82 | 404.47 / 1281.95 | 440.95 | 648.33 | 577.91 | 612.75 |
| 1562 | 81.33 / 158.90 | 125.43 | 88.43 / 196.02 | 67.72 / 210.74 | 162.60 | 164.95 | 176.19 | 141.10 |
| 1570 | 187.77 / 147.06 | 206.62 | 224.36 / 437.67 | 234.33 / 471.98 | 152.06 | 275.28 | 272.18 | 289.95 |
| 1579 | 164.17 / 0 | 202.85 | 173.39 / 0 | 178.15 / 0 | 214.78 | 174.24 | 337.31 | 0. |
| 1587 | 1050.00 / 117.57 | 23.33 | 46.25 / 398.08 | 833.33 / 289.85 | 98.00 | 223.33 | 186.58 | 291.37 |
| 1594 | 14.98 / 8.44 | 6.44 | 8.28 / 15.79 | 22.54 / 10.00 | 6.91 | 6.41 | 6.29 | 8.26 |

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## APPENDIX B4: Smallest Prices, Aggregate Commodities, 1966–80.

| comm | 1966<br>1974 | | 1967<br>1975 | | 1968<br>1976 | | 1969<br>1977 | | 1970<br>1978 | | 1971<br>1979 | | 1972<br>1980 | | 1973<br>1981 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 9 | 55.28 | 9 | 58.39 | 9 | 57.60 | 9 | 57.87 | 9 | 55.21 | 10 | 54.42 | 10 | 59.15 | 10 | 67.57 |
| | 228 | 123.57 | 228 | 152.57 | 9 | 134.17 | 9 | 100.06 | 10 | 105.71 | 10 | 134.37 | 9 | 160.45 | 231 | 172.32 |
| 27 | 21 | 91.33 | 216 | 119.57 | 216 | 130.91 | 216 | 106.61 | 216 | 87.67 | 216 | 67.80 | 216 | 77.23 | 165 | 103.74 |
| | 110 | 154.33 | 216 | 232.64 | 216 | 164.92 | 100 | 64.97 | 10 | 201.59 | 100 | 167.05 | 100 | 51.68 | 216 | 271.88 |
| 44 | 228 | 61.90 | 231 | 59.50 | 228 | 61.96 | 33 | 53.39 | 231 | 37.48 | 33 | 50.21 | 231 | 50.72 | 10 | 75.80 |
| | 228 | 104.19 | 228 | 129.21 | 231 | 134.12 | 231 | 113.33 | 33 | 107.19 | 10 | 113.30 | 10 | 140.02 | 33 | 150.43 |
| 51 | 104 | 123.43 | 104 | 126.01 | 104 | 111.10 | 104 | 112.33 | 104 | 116.79 | 104 | 128.95 | 104 | 149.42 | 104 | 142.19 |
| | 104 | 147.66 | 104 | 158.75 | 104 | 135.28 | 104 | 141.30 | 104 | 158.30 | 104 | 176.78 | 104 | 206.54 | 104 | 211.06 |
| 56 | 9 | 53.50 | 9 | 51.77 | 21 | 46.23 | 9 | 48.37 | 9 | 50.74 | 9 | 56.82 | 216 | 54.31 | 231 | 85.96 |
| | 9 | 119.30 | 216 | 132.95 | 216 | 114.98 | 9 | 95.53 | 9 | 99.75 | 9 | 101.71 | 9 | 113.48 | 231 | 137.04 |
| 68 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 231 | 224.66 |
| | 231 | 298.28 | 231 | 378.48 | 231 | 353.17 | 231 | 278.62 | 231 | 358.79 | 231 | 416.79 | 231 | 400.81 | 0 | 0. |
| 71 | 33 | 48.10 | 33 | 51.85 | 33 | 46.84 | 33 | 44.63 | 33 | 39.64 | 33 | 42.96 | 33 | 45.11 | 210 | 52.06 |
| | 9 | 111.19 | 78 | 107.91 | 33 | 112.80 | 223 | 88.99 | 223 | 106.40 | 78 | 122.32 | 9 | 113.04 | 231 | 153.33 |
| 75 | 9 | 48.00 | 9 | 43.78 | 9 | 40.11 | 9 | 38.73 | 203 | 36.98 | 33 | 46.15 | 78 | 30.02 | 210 | 39.54 |
| | 228 | 98.69 | 10 | 101.43 | 9 | 73.10 | 9 | 89.03 | 33 | 82.22 | 9 | 80.34 | 9 | 81.45 | 33 | 102.32 |
| 79 | 9 | 41.65 | 9 | 44.01 | 9 | 46.08 | 9 | 35.58 | 9 | 36.47 | 9 | 55.86 | 9 | 61.06 | 9 | 75.66 |
| | 9 | 87.16 | 9 | 127.96 | 9 | 103.69 | 9 | 85.38 | 9 | 82.89 | 9 | 85.50 | 9 | 97.72 | 228 | 173.95 |
| 83 | 9 | 38.85 | 9 | 44.30 | 138 | 42.60 | 9 | 40.33 | 9 | 40.68 | 9 | 47.34 | 9 | 52.06 | 10 | 62.41 |
| | 9 | 96.25 | 9 | 95.41 | 9 | 97.47 | 9 | 81.82 | 9 | 82.89 | 9 | 84.24 | 9 | 96.97 | 10 | 114.75 |
| 89 | 21 | 58.22 | 33 | 102.80 | 21 | 88.55 | 21 | 51.30 | 21 | 67.16 | 21 | 56.40 | 21 | 78.93 | 21 | 123.03 |
| | 33 | 175.74 | 21 | 141.55 | 21 | 133.41 | 33 | 245.76 | 231 | 206.74 | 33 | 211.37 | 33 | 244.60 | 33 | 245.00 |
| 101 | 9 | 94.92 | 10 | 127.50 | 10 | 183.15 | 138 | 261.70 | 9 | 138.57 | 9 | 97.16 | 10 | 140.55 | 10 | 191.12 |
| | 10 | 237.67 | 9 | 321.65 | 10 | 296.81 | 10 | 401.73 | 10 | 373.68 | 10 | 229.08 | 10 | 226.19 | 10 | 223.53 |
| 103 | 33 | 90.58 | 78 | 110.72 | 33 | 82.93 | 68 | 53.67 | 33 | 101.88 | 33 | 91.42 | 173 | 100.33 | 68 | 154.40 |
| | 68 | 175.78 | 33 | 171.55 | 68 | 164.90 | 78 | 250.14 | 78 | 267.96 | 78 | 317.83 | 78 | 329.24 | 78 | 330.49 |
| 108 | 150 | 119.63 | 150 | 119.81 | 150 | 85.51 | 101 | 8.99 | 101 | 8.08 | 101 | 10.97 | 97 | 31.06 | 101 | 32.13 |
| | 101 | 31.72 | 101 | 58.00 | 101 | 96.69 | 101 | 102.68 | 101 | 108.66 | 101 | 120.85 | 231 | 300.15 | 231 | 304.96 |
| 116 | 173 | 31.04 | 97 | 25.59 | 173 | 29.48 | 173 | 33.80 | 173 | 32.63 | 173 | 37.30 | 173 | 47.19 | 173 | 51.03 |
| | 173 | 58.25 | 173 | 78.11 | 231 | 136.74 | 15 | 112.41 | 15 | 79.14 | 15 | 113.01 | 15 | 113.14 | 33 | 133.33 |
| 122 | 203 | 49.00 | 203 | 44.71 | 203 | 78.53 | 203 | 85.96 | 216 | 77.70 | 203 | 92.20 | 59 | 89.64 | 223 | 93.11 |
| | 59 | 113.68 | 59 | 91.91 | 59 | 99.71 | 59 | 179.66 | 59 | 256.23 | 59 | 263.55 | 59 | 261.11 | 59 | 256.76 |
| 125 | 101 | 0.66 | 101 | 0.76 | 21 | 15.01 | 101 | 0.82 | 101 | 6.91 | 21 | 14.88 | 21 | 23.40 | 21 | 18.44 |
| | 101 | 6.34 | 21 | 25.89 | 101 | 9.39 | 216 | 62.40 | 15 | 11.20 | 101 | 45.85 | 216 | 58.51 | 68 | 113.34 |
| 136 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 216 | 78.57 | 216 | 143.71 | 216 | 172.41 |
| | 216 | 126.46 | 216 | 168.54 | 216 | 214.84 | 216 | 206.05 | 216 | 243.28 | 0 | 0. | 0 | 0. | 0 | 0. |
| 137 | 174 | 45.05 | 174 | 42.11 | 174 | 40.40 | 174 | 51.55 | 174 | 62.50 | 174 | 109.38 | 174 | 174.60 | 174 | 305.34 |
| | 174 | 426.90 | 174 | 619.35 | 174 | 250.00 | 174 | 535.21 | 174 | 561.80 | 174 | 567.31 | 174 | 1000.00 | 174 | 1000.00 |
| 149 | 101 | 4.50 | 101 | 6.86 | 101 | 4.62 | 101 | 4.51 | 101 | 4.95 | 101 | 5.62 | 101 | 8.71 | 216 | 17.36 |
| | 101 | 15.24 | 101 | 4.92 | 68 | 17.21 | 15 | 25.01 | 101 | 45.23 | 15 | 94.49 | 101 | 57.15 | 150 | 204.55 |
| 164 | 100 | 61.90 | 51 | 55.16 | 173 | 56.07 | 10 | 65.97 | 51 | 92.35 | 10 | 100.13 | 10 | 115.65 | 10 | 154.84 |
| | 10 | 184.54 | 138 | 387.72 | 21 | 236.57 | 21 | 183.87 | 216 | 168.87 | 216 | 188.90 | 216 | 199.26 | 216 | 207.82 |
| 176 | 216 | 110.84 | 216 | 123.74 | 21 | 42.72 | 21 | 40.98 | 216 | 136.22 | 216 | 144.62 | 216 | 149.91 | 216 | 190.34 |
| | 216 | 256.36 | 216 | 263.45 | 9 | 279.48 | 138 | 333.79 | 33 | 343.89 | 33 | 354.33 | 216 | 367.82 | 216 | 369.96 |
| 181 | 10 | 14.30 | 223 | 94.82 | 54 | 77.64 | 0 | 0. | 223 | 95.13 | 223 | 101.88 | 223 | 102.59 | 54 | 152.90 |
| | 223 | 203.20 | 223 | 204.72 | 223 | 186.14 | 138 | 236.15 | 223 | 284.23 | 15 | 249.77 | 223 | 258.82 | 68 | 373.24 |
| 187 | 183 | 75.47 | 183 | 77.57 | 183 | 78.26 | 228 | 81.89 | 183 | 84.29 | 183 | 75.13 | 54 | 106.84 | 156 | 153.00 |
| | 97 | 294.17 | 33 | 273.15 | 9 | 211.18 | 9 | 188.64 | 9 | 205.19 | 33 | 258.38 | 33 | 257.85 | 33 | 272.22 |
| 191 | 223 | 119.02 | 223 | 121.64 | 223 | 120.73 | 223 | 99.54 | 223 | 174.61 | 100 | 231.68 | 138 | 247.26 | 223 | 287.91 |
| | 223 | 280.76 | 84 | 228.93 | 9 | 305.84 | 138 | 586.60 | 138 | 597.87 | 203 | 785.82 | 203 | 642.49 | 203 | 642.86 |
| 197 | 100 | 145.68 | 100 | 149.84 | 100 | 190.84 | 100 | 209.68 | 100 | 248.64 | 100 | 287.43 | 100 | 307.96 | 100 | 291.67 |
| | 100 | 229.51 | 100 | 266.51 | 100 | 320.16 | 100 | 450.00 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 201 | 223 | 147.57 | 223 | 175.52 | 223 | 173.67 | 223 | 161.84 | 223 | 141.81 | 228 | 202.53 | 231 | 251.13 | 203 | 306.61 |
| | 138 | 326.19 | 9 | 303.27 | 9 | 300.60 | 223 | 361.42 | 223 | 288.97 | 223 | 353.85 | 223 | 353.57 | 203 | 882.86 |
| 205 | 27 | 90.33 | 27 | 89.55 | 27 | 98.52 | 27 | 90.36 | 27 | 101.01 | 27 | 98.36 | 27 | 99.80 | 0 | 0. |
| | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. |
| 210 | 9 | 116.28 | 10 | 47.62 | 10 | 83.33 | 10 | 42.33 | 10 | 56.02 | 10 | 44.17 | 10 | 98.47 | 10 | 90.80 |
| | 10 | 129.70 | 10 | 128.43 | 10 | 111.37 | 9 | 192.31 | 10 | 153.11 | 10 | 159.75 | 10 | 159.14 | 0 | 0. |

| ID | V1 | C1 | V2 | C2 | V3 | C3 | V4 | C4 | V5 | C5 | V6 | C6 | V7 | C7 | V8 | C8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 211 | 158.27 | 216 | 25.94 | 101 | 25.13 | 101 | 26.67 | 101 | 35.00 | 101 | 84.34 | 229 | 46.21 | 101 | 97.35 | 229 |
| | 300.00 | 216 | 300.00 | 216 | 300.00 | 216 | 251.01 | 229 | 255.74 | 229 | 139.78 | 15 | 165.76 | 229 | 211.42 | 216 |
| 216 | 672.53 | 21 | 538.31 | 21 | 572.01 | 21 | 422.69 | 21 | 501.54 | 21 | 413.87 | 21 | 507.03 | 21 | 497.41 | 21 |
| | 1313.13 | 78 | 1217.26 | 78 | 1478.63 | 114 | 1530.10 | 21 | 1507.03 | 21 | 941.32 | 21 | 722.64 | 21 | 947.03 | 78 |
| 217 | 193.61 | 114 | 189.71 | 114 | 209.29 | 114 | 196.45 | 114 | 221.03 | 114 | 221.40 | 114 | 212.16 | 114 | 236.24 | 114 |
| | 3500.00 | 150 | 320.00 | 114 | 300.00 | 174 | 498.33 | 174 | 568.58 | 223 | 280.74 | 223 | 221.96 | 114 | 225.12 | 114 |
| 220 | 326.60 | 223 | 294.57 | 174 | 254.39 | 174 | 192.66 | 174 | 174.21 | 174 | 174.00 | 174 | 165.43 | 174 | 167.45 | 174 |
| | 1027.78 | 203 | 631.58 | 223 | 650.15 | 231 | 638.26 | 231 | 426.14 | 174 | 355.09 | 174 | 334.22 | 174 | 363.18 | 174 |
| 221 | 2433.99 | 223 | 1367.92 | 231 | 1424.62 | 223 | 1077.93 | 174 | 1410.90 | 174 | 1271.55 | 174 | 1168.27 | 174 | 1180.08 | 174 |
| | 2000.00 | 231 | 1993.62 | 231 | 2786.95 | 223 | 2339.67 | 183 | 1936.07 | 183 | 1526.06 | 27 | 1407.14 | 231 | 1511.26 | 231 |
| 222 | 1029.01 | 106 | 700.56 | 100 | 700.56 | 100 | 500.00 | 106 | 500.00 | 100 | 493.03 | 100 | 450.00 | 183 | 450.00 | 183 |
| | 1475.10 | 231 | 421.76 | 223 | 1222.22 | 223 | 1422.16 | 223 | 1069.49 | 223 | 983.42 | 223 | 883.87 | 231 | 840.76 | 231 |
| 223 | 2061.85 | 223 | 1259.26 | 223 | 1678.47 | 223 | 1587.21 | 15 | 1452.71 | 223 | 1404.76 | 223 | 1354.21 | 223 | 1431.35 | 223 |
| | 2615.74 | 78 | 1690.67 | 223 | 4388.89 | 106 | 4083.66 | 106 | 3994.24 | 223 | 2948.47 | 223 | 3052.72 | 223 | 2453.59 | 223 |
| 225 | 1161.55 | 106 | 4388.89 | 106 | 1040.64 | 223 | 1024.27 | 106 | 1079.19 | 106 | 1018.40 | 106 | 920.50 | 106 | 838.42 | 223 |
| | 1205.13 | 231 | 1040.64 | 223 | 1961.11 | 159 | 1969.60 | 159 | 1600.29 | 106 | 1285.41 | 106 | 1432.17 | 106 | 1375.95 | 106 |
| 234 | 80.65 | 159 | 2000.00 | 159 | 94.84 | 216 | 103.55 | 101 | 85.53 | 159 | 89.18 | 159 | 118.20 | 159 | 101.79 | 159 |
| | 313.33 | 216 | 119.00 | 159 | 313.33 | 231 | 19.96 | 231 | 124.46 | 159 | 1417.49 | 106 | 131.54 | 159 | 124.75 | 159 |
| 237 | 310.84 | 231 | 157.14 | 231 | 282.89 | 231 | 245.16 | 231 | 206.27 | 231 | 206.13 | 231 | 247.69 | 231 | 284.27 | 231 |
| | 566.84 | 231 | 263.66 | 231 | 587.09 | 9 | 543.75 | 231 | 567.86 | 231 | 432.74 | 231 | 610.11 | 21 | 610.09 | 21 |
| 238 | 201.91 | 231 | 471.28 | 21 | 87.97 | 9 | 81.54 | 9 | 216.21 | 21 | 85.75 | 231 | 83.04 | 21 | 86.29 | 21 |
| | 216.78 | 159 | 103.68 | 9 | 195.02 | 9 | 179.60 | 21 | 271.55 | 21 | 173.33 | 9 | 148.44 | 21 | 156.55 | 9 |
| 244 | 404.64 | 78 | 238.51 | 100 | 338.44 | 100 | 208.43 | 9 | 790.55 | 9 | 238.18 | 21 | 241.58 | 9 | 248.93 | 159 |
| | 1118.39 | 100 | 382.65 | 100 | 881.78 | 100 | 954.79 | 21 | 77.83 | 21 | 613.47 | 9 | 902.87 | 68 | 724.98 | 21 |
| 245 | 187.56 | 68 | 940.55 | 101 | 80.07 | 101 | 82.30 | 100 | 184.32 | 100 | 79.35 | 21 | 80.89 | 100 | 78.22 | 9 |
| | 297.34 | 101 | 169.55 | 231 | 170.86 | 216 | 164.15 | 101 | 212.25 | 101 | 132.23 | 100 | 127.70 | 101 | 140.73 | 101 |
| 252 | 161.35 | 231 | 140.62 | 101 | 227.95 | 101 | 237.11 | 231 | 451.02 | 231 | 287.07 | 101 | 169.94 | 101 | 176.33 | 231 |
| | 697.44 | 101 | 707.78 | 101 | 760.98 | 101 | 597.53 | 101 | 13.06 | 101 | 122.74 | 101 | 129.99 | 101 | 574.61 | 101 |
| 253 | 70.41 | 216 | 43.46 | 101 | 41.85 | 101 | 30.02 | 101 | 111.56 | 101 | 26.98 | 101 | 21.33 | 101 | 40.35 | 101 |
| | 146.69 | 101 | 131.34 | 101 | 130.49 | 159 | 101.88 | 159 | 134.45 | 101 | 84.06 | 101 | 81.61 | 101 | 102.34 | 101 |
| 257 | 267.08 | 54 | 174.52 | 101 | 213.80 | 101 | 208.03 | 101 | 453.75 | 159 | 128.06 | 101 | 176.75 | 159 | 188.63 | 101 |
| | 810.34 | 54 | 582.86 | 101 | 581.88 | 101 | 506.62 | 101 | 182.96 | 101 | 334.08 | 159 | 199.91 | 101 | 559.40 | 101 |
| 258 | 274.48 | 101 | 111.55 | 101 | 177.99 | 101 | 222.74 | 101 | 461.98 | 159 | 214.74 | 101 | 168.98 | 101 | 193.29 | 101 |
| | 828.57 | 78 | 615.00 | 68 | 631.28 | 68 | 475.57 | 101 | 42.15 | 101 | 281.22 | 101 | 279.58 | 101 | 705.67 | 101 |
| 259 | 60.36 | 223 | 40.28 | 101 | 40.58 | 223 | 45.60 | 101 | 85.58 | 101 | 42.69 | 101 | 43.97 | 101 | 54.97 | 101 |
| | 188.41 | 106 | 100.74 | 101 | 84.91 | 223 | 73.50 | 101 | 586.89 | 223 | 67.95 | 101 | 57.54 | 223 | 72.34 | 223 |
| 261 | 1021.76 | 159 | 821.46 | 68 | 726.71 | 159 | 749.83 | 203 | 1006.01 | 223 | 733.10 | 159 | 596.51 | 84 | 570.03 | 159 |
| | 2403.42 | 0 | 2370.06 | 106 | 1371.60 | 159 | 1388.78 | 223 | 149.79 | 159 | 1530.21 | 159 | 1805.48 | 159 | 1366.06 | 159 |
| 263 | 94.33 | 21 | 88.92 | 159 | 79.20 | 21 | 138.34 | 159 | 208.39 | 159 | 125.82 | 21 | 92.63 | 159 | 88.00 | 21 |
| | 0. | 78 | 263.16 | 159 | 280.37 | 21 | 300.00 | 159 | 245.01 | 21 | 213.84 | 21 | 260.99 | 21 | 175.28 | 78 |
| 266 | 932.80 | 9 | 424.71 | 100 | 296.01 | 231 | 249.09 | 21 | 873.93 | 97 | 312.66 | 9 | 292.63 | 110 | 234.97 | 110 |
| | 1263.16 | 231 | 816.07 | 231 | 769.60 | 228 | 783.20 | 21 | 196.25 | 231 | 544.06 | 9 | 522.92 | 100 | 824.76 | 100 |
| 268 | 356.34 | 228 | 296.04 | 231 | 266.10 | 231 | 209.80 | 231 | 196.25 | 231 | 194.40 | 231 | 210.69 | 231 | 240.66 | 231 |
| | 506.98 | 231 | 539.08 | 231 | 577.55 | 231 | 514.22 | 101 | 464.21 | 9 | 474.60 | 33 | 667.84 | 228 | 676.55 | 228 |
| 269 | 102.27 | 210 | 68.00 | 33 | 66.01 | 33 | 63.81 | 101 | 63.33 | 231 | 63.41 | 68 | 63.68 | 173 | 60.95 | 228 |
| | 122.68 | 165 | 110.40 | 33 | 104.76 | 33 | 103.16 | 101 | 104.73 | 33 | 113.10 | 210 | 67.04 | 173 | 55.34 | 33 |
| 271 | 290.18 | 33 | 217.34 | 33 | 244.05 | 33 | 223.16 | 159 | 169.93 | 33 | 155.65 | 165 | 192.78 | 51 | 214.66 | 210 |
| | 505.20 | 9 | 383.13 | 9 | 506.30 | 33 | 509.38 | 101 | 522.20 | 210 | 419.31 | 9 | 551.98 | 9 | 625.35 | 165 |
| 272 | 62.77 | 150 | 56.35 | 231 | 53.86 | 9 | 52.65 | 101 | 44.16 | 165 | 45.53 | 231 | 53.45 | 9 | 48.64 | 51 |
| | 132.16 | 138 | 145.99 | 231 | 140.58 | 231 | 111.09 | 159 | 114.30 | 21 | 56.36 | 100 | 94.67 | 9 | 102.46 | 9 |
| 276 | 360.05 | 231 | 184.56 | 138 | 243.76 | 231 | 391.65 | 21 | 282.62 | 9 | 206.03 | 231 | 224.75 | 231 | 353.13 | 9 |
| | 1100.00 | 138 | 1093.84 | 231 | 1008.90 | 100 | 1483.13 | 97 | 1438.20 | 231 | 679.26 | 231 | 471.65 | 228 | 626.06 | 231 |
| 281 | 260.90 | 231 | 230.26 | 231 | 290.78 | 231 | 218.45 | 231 | 208.79 | 231 | 207.05 | 231 | 250.46 | 173 | 256.19 | 138 |
| | 817.62 | 101 | 782.43 | 100 | 704.03 | 100 | 593.85 | 231 | 609.85 | 231 | 476.90 | 138 | 616.26 | 173 | 767.20 | 231 |
| 282 | 46.15 | 216 | 26.70 | 231 | 20.91 | 231 | 30.08 | 231 | 29.55 | 231 | 43.38 | 101 | 33.80 | 51 | 43.53 | 100 |
| | 81.71 | 101 | 84.65 | 216 | 68.72 | 216 | 55.23 | 165 | 88.74 | 159 | 62.45 | 216 | 40.00 | 100 | 41.42 | 101 |
| 290 | 75.77 | 216 | 70.28 | 138 | 455.95 | 216 | 443.98 | 229 | 442.80 | 101 | 72.85 | 101 | 81.89 | 101 | 104.98 | 101 |
| | 2052.57 | 101 | 1675.02 | 101 | 1695.02 | 138 | 629.98 | 21 | 265.50 | 159 | 1011.03 | 216 | 18.75 | 101 | 112.30 | 101 |
| 291 | 17.16 | 101 | 9.31 | 138 | 54.57 | 216 | 62.48 | 21 | 62.67 | 101 | 15.26 | — | 88.82 | 216 | 17.84 | 101 |
| | 205.12 | 216 | 181.23 | 138 | 165.46 | 138 | 58.59 | 159 | 38.63 | 101 | 106.29 | 216 | — | — | 13.98 | 101 |

| ID | V1 | C1 | V2 | C2 | V3 | C3 | V4 | C4 | V5 | C5 | V6 | C6 | V7 | C7 | V8 | C8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 293 | 653.67 | 33 | 377.24 | 33 | 353.59 | 33 | 358.31 | 33 | 425.80 | 33 | 455.34 | 33 | 400.05 | 33 | 422.25 | 33 |
|  | 887.72 | 231 | 901.66 | 231 | 891.81 | 231 | 780.42 | 231 | 1108.60 | 33 | 908.82 | 68 | 1318.19 | 33 | 1022.39 | 15 |
| 297 | 190.75 | 100 | 138.51 | 97 | 137.03 | 68 | 168.50 | 97 | 174.29 | 165 | 209.37 | 68 | 174.38 | 165 | 216.85 | 223 |
|  | 327.89 | 150 | 299.60 | 223 | 275.88 | 27 | 303.51 | 223 | 212.77 | 100 | 243.86 | 100 | 241.21 | 100 | 170.60 | 165 |
| 298 | 169.11 | 100 | 232.49 | 97 | 230.02 | 68 | 282.85 | 97 | 292.55 | 165 | 351.44 | 68 | 237.32 | 97 | 363.99 | 223 |
|  | 636.10 | 150 | 502.90 | 223 | 463.08 | 159 | 509.47 | 223 | 357.14 | 100 | 409.33 | 100 | 404.88 | 100 | 286.36 | 165 |
| 299 | 476.19 | 27 | 107.31 | 159 | 104.05 | 159 | 240.88 | 159 | 222.22 | 159 | 146.58 | 159 | 142.86 | 159 | 109.49 | 159 |
|  | 0 | 0 | 0 | 0 | 0 | 0 | 209.42 | 159 | 500.00 | 27 | 512.82 | 27 | 120.23 | 159 | 459.63 | 159 |
| 331 | 349.83 | 231 | 216.66 | 159 | 296.91 | 228 | 555.52 | 9 | 222.22 | 216 | 223.25 | 9 | 224.63 | 9 | 262.24 | 159 |
|  | 77.82 | 231 | 642.55 | 231 | 675.32 | 231 | 46.73 | 159 | 534.85 | 228 | 481.63 | 228 | 609.07 | 228 | 398.29 | 228 |
| 332 | 92.16 | 165 | 51.56 | 159 | 59.41 | 59 | 107.67 | 216 | 51.99 | 216 | 55.14 | 216 | 57.08 | 21 | 61.78 | 21 |
|  | 225.83 | 231 | 123.89 | 21 | 119.54 | 216 | 188.35 | 33 | 145.73 | 165 | 53.13 | 165 | 97.24 | 228 | 106.15 | 21 |
| 334 | 248.88 | 9 | 170.93 | 9 | 173.93 | 33 | 309.99 | 9 | 189.70 | 231 | 183.99 | 231 | 166.05 | 9 | 172.79 | 9 |
|  | 549.67 | 68 | 482.03 | 33 | 458.03 | 33 | 71.15 | 33 | 439.55 | 231 | 443.35 | 231 | 631.55 | 9 | 720.83 | 9 |
| 335 | 148.60 | 9 | 85.48 | 231 | 66.40 | 68 | 126.56 | 231 | 76.14 | 231 | 81.39 | 100 | 83.85 | 33 | 78.48 | 33 |
|  | 164.46 | 33 | 180.03 | 15 | 179.46 | 68 | 462.78 | 15 | 153.38 | 231 | 128.06 | 223 | 130.69 | 231 | 134.70 | 231 |
| 337 | 126.86 | 165 | 374.89 | 150 | 502.58 | 228 | 575.65 | 228 | 290.26 | 223 | 200.06 | 68 | 177.98 | 68 | 208.51 | 231 |
|  | 793.65 | 78 | 669.95 | 228 | 675.49 | 68 | 83.33 | 15 | 752.91 | 183 | 786.33 | 223 | 847.33 | 223 | 847.04 | 223 |
| 338 | 126.86 | 165 | 100.00 | 150 | 93.33 | 100 | 575.65 | 228 | 290.26 | 223 | 200.06 | 68 | 177.98 | 68 | 208.51 | 223 |
|  | 793.65 | 78 | 669.95 | 228 | 675.49 | 33 | 206.78 | 100 | 752.91 | 183 | 786.33 | 68 | 847.33 | 68 | 240.00 | 228 |
| 340 | 229.11 | 21 | 150.13 | 150 | 202.05 | 174 | 754.25 | 231 | 160.16 | 27 | 180.31 | 27 | 133.33 | 231 | 471.98 | 216 |
|  | 872.83 | 231 | 889.81 | 21 | 716.40 | 203 | 44.81 | 101 | 677.86 | 231 | 313.28 | 165 | 135.16 | 223 | 240.78 | 228 |
| 341 | 98.78 | 101 | 5.23 | 33 | 27.66 | 10 | 35.74 | 54 | 13.19 | 223 | 17.69 | 54 | 525.31 | 101 | 35.59 | 68 |
|  | 69.93 | 54 | 73.42 | 54 | 63.11 | 10 | 57.18 | 165 | 24.06 | 54 | 26.38 | 165 | 29.36 | 21 | 49.58 | 203 |
| 343 | 72.84 | 10 | 53.87 | 165 | 64.81 | 101 | 121.45 | 203 | 46.87 | 165 | 53.75 | 10 | 52.46 | 101 | 53.89 | 165 |
|  | 200.00 | 106 | 148.74 | 203 | 131.43 | 138 | 105.16 | 231 | 135.04 | 203 | 79.20 | 101 | 56.21 | 203 | 213.65 | 165 |
| 358 | 41.69 | 101 | 50.71 | 78 | 23.64 | 203 | 53.68 | 138 | 11.14 | 10 | 13.14 | 101 | 75.76 | 173 | 85.94 | 231 |
|  | 139.04 | 78 | 55.00 | 138 | 54.35 | 203 | 118.53 | 203 | 52.82 | 101 | 75.81 | 203 | 66.03 | 101 | 67.01 | 101 |
| 366 | 141.77 | 59 | 128.92 | 106 | 118.59 | 138 | 293.85 | 203 | 118.53 | 138 | 95.00 | 138 | 79.66 | 203 | 138.46 | 203 |
|  | 594.77 | 106 | 592.65 | 138 | 604.42 | 138 | 293.26 | 138 | 239.32 | 203 | 217.80 | 138 | 136.13 | 138 | 149.32 | 138 |
| 367 | 258.76 | 138 | 314.43 | 138 | 258.23 | 203 | 185.71 | 138 | 157.62 | 203 | 214.35 | 138 | 307.98 | 138 | 246.01 | 138 |
|  | 1432.10 | 231 | 182.61 | 231 | 184.09 | 231 | 103.46 | 203 | 186.98 | 138 | 173.61 | 231 | 213.61 | 203 | 235.81 | 231 |
| 372 | 141.49 | 203 | 118.93 | 231 | 117.28 | 78 | 225.92 | 231 | 117.61 | 138 | 95.00 | 231 | 271.05 | 138 | 119.45 | 203 |
|  | 293.46 | 231 | 293.73 | 27 | 250.36 | 78 | 48.61 | 78 | 198.67 | 231 | 199.67 | 231 | 115.40 | 138 | 145.81 | 78 |
| 373 | 68.82 | 78 | 106.94 | 106 | 54.91 | 223 | 112.51 | 78 | 45.76 | 203 | 47.62 | 78 | 182.78 | 231 | 45.67 | 78 |
|  | 109.09 | 78 | 25.34 | 138 | 93.10 | 223 | 91.89 | 183 | 85.94 | 78 | 70.73 | 78 | 42.65 | 203 | 72.96 | 97 |
| 388 | 43.80 | 223 | 78.92 | 138 | 22.55 | 27 | 105.28 | 223 | 80.40 | 78 | 82.24 | 183 | 72.61 | 78 | 58.11 | 183 |
|  | 269.37 | 97 | 74.32 | 138 | 70.75 | 138 | 30.36 | 27 | 45.85 | 183 | 47.38 | 223 | 76.76 | 183 | 70.93 | 223 |
| 393 | 160.20 | 106 | 25.45 | 138 | 35.09 | 138 | 283.43 | 106 | 11.11 | 223 | 4.15 | 27 | 65.67 | 223 | 108.51 | 106 |
|  | 375.18 | 138 | 26.74 | 138 | 463.48 | 138 | 26.48 | 138 | 41.73 | 27 | 197.91 | 106 | 7.22 | 27 | 36.70 | 27 |
| 394 | 25.31 | 27 | 25.45 | 138 | 25.90 | 138 | 28.57 | 138 | 24.78 | 138 | 25.06 | 138 | 38.08 | 138 | 25.75 | 138 |
|  | 180.92 | 138 | 26.74 | 138 | 27.62 | 138 | 63.50 | 138 | 29.29 | 138 | 29.24 | 138 | 26.21 | 138 | 26.35 | 138 |
| 397 | 68.91 | 231 | 64.28 | 138 | 62.63 | 138 | 66.09 | 138 | 62.75 | 138 | 63.66 | 138 | 27.34 | 138 | 66.22 | 138 |
|  | 307.19 | 138 | 66.33 | 231 | 66.22 | 138 | 60.06 | 138 | 65.01 | 138 | 70.00 | 138 | 66.97 | 138 | 63.85 | 138 |
| 399 | 60.18 | 106 | 59.90 | 138 | 60.83 | 138 | 60.06 | 138 | 61.73 | 138 | 59.59 | 138 | 67.51 | 138 | 60.06 | 138 |
|  | 912.09 | 138 | 78.82 | 138 | 78.95 | 138 | 77.78 | 138 | 67.80 | 138 | 62.99 | 138 | 61.53 | 138 | 60.76 | 138 |
| 401 | 55.62 | 231 | 55.34 | 138 | 55.55 | 231 | 53.09 | 203 | 53.32 | 203 | 56.29 | 203 | 62.34 | 138 | 58.27 | 138 |
|  | 438.91 | 138 | 440.66 | 156 | 341.30 | 27 | 311.13 | 138 | 290.84 | 138 | 312.72 | 138 | 55.22 | 203 | 55.18 | 27 |
| 402 | 81.07 | 27 | 94.56 | 100 | 60.38 | 138 | 93.10 | 138 | 117.10 | 138 | 104.09 | 138 | 225.33 | 138 | 70.71 | 138 |
|  | 884.62 | 138 | 90.91 | 138 | 89.23 | 203 | 75.76 | 203 | 62.26 | 138 | 96.07 | 138 | 72.17 | 138 | 87.98 | 203 |
| 403 | 80.94 | 203 | 69.05 | 138 | 40.60 | 27 | 60.79 | 203 | 29.00 | 203 | 28.04 | 203 | 92.52 | 203 | 29.64 | 203 |
|  | 147.20 | 156 | 145.83 | 150 | 166.25 | 138 | 112.57 | 203 | 111.49 | 100 | 109.74 | 100 | 32.32 | 100 | 63.98 | 138 |
| 406 | 312.21 | 138 | 100.40 | 138 | 66.71 | 138 | 187.09 | 100 | 135.26 | 138 | 130.29 | 138 | 110.89 | 138 | 416.93 | 138 |
|  | 1003.03 | 231 | 231.25 | 203 | 218.75 | 138 | 203.57 | 138 | 154.78 | 138 | 208.19 | 138 | 383.70 | 138 | 252.61 | 138 |
| 414 | 69.67 | 138 | 60.90 | 203 | 60.31 | 138 | 60.87 | 138 | 61.04 | 138 | 61.73 | 138 | 235.17 | 138 | 61.06 | 138 |
|  | 394.74 | 150 | 144.33 | 203 | 147.37 | 150 | 150.54 | 150 | 148.90 | 150 | 157.80 | 150 | 61.16 | 138 | 83.49 | 150 |
| 417 | 66.69 | 97 | 68.39 | 100 | 60.31 | 138 | 65.03 | 138 | 88.28 | 138 | 50.11 | 138 | 136.04 | 150 | 59.06 | 150 |
|  | 351.85 | 203 | 95.74 | 138 | 95.65 | 203 | 95.56 | 203 | 95.23 | 203 | 144.48 | 203 | 73.81 | 138 | 78.42 | 203 |
| 420 | 101.66 | 203 | 90.10 | 203 | 82.84 | 203 | 83.44 | 203 | 33.74 | 203 | 100.00 | 203 | 113.97 | 150 | 97.41 | 203 |
|  | 252.17 | 203 | 275.00 | 203 | 251.14 | 203 | 167.89 | 203 | 131.63 | 203 | 129.11 | 203 | 95.29 | 203 | 102.33 | 203 |

| ID | V1 | n1 | V2 | n2 | V3 | n3 | V4 | n4 | V5 | n5 | V6 | n6 | V7 | n7 | V8 | n8 | V9 | n9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 423 | 666.67 | 223 | 239.13 | 223 | 162.65 | 223 | 0.92 | 0 | 0. | 0 | 0. | 0 | 0.00 | 0 | 0. | 0 | 157.69 | 97 |
| 426 | 0. | 0 | 576.92 | 223 | 969.46 | 150 | 67.78 | 223 | 576.92 | 223 | 411.76 | 223 | 1000.00 | 223 | 529.41 | 223 | 447.62 | 231 |
| 446 | 80.48 | 15 | 63.13 | 173 | 70.81 | 15 | 95.63 | 15 | 67.78 | 33 | 29.46 | 138 | 81.79 | 231 | 80.55 | 33 | 146.43 | 203 |
| 449 | 246.54 | 33 | 135.32 | 15 | 136.70 | 15 | 0. | 15 | 111.03 | 15 | 132.77 | 33 | 103.79 | 15 | 93.18 | 15 | 463.74 | 106 |
| 459 | 0. | 0 | 0. | 0 | 0. | 0 | 642.31 | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 0. | 0 | 53.19 | 84 |
| 460 | 0. | 54 | 570.49 | 54 | 655.17 | 156 | 1057.35 | 54 | 494.07 | 54 | 202.37 | 104 | 545.54 | 54 | 573.15 | 54 | 772.73 | 97 |
| 463 | 659.35 | 104 | 1161.95 | 104 | 629.95 | 54 | 86.51 | 104 | 760.52 | 104 | 748.99 | 104 | 942.86 | 104 | 782.24 | 54 | 155.22 | 97 |
| 486 | 1181.82 | 228 | 86.00 | 228 | 1097.11 | 104 | 217.20 | 51 | 65.00 | 228 | 48.78 | 228 | 52.55 | 228 | 48.33 | 228 | 452.17 | 97 |
| 489 | 84.87 | 0 | 122.30 | 150 | 93.59 | 228 | 62.50 | 84 | 90.43 | 150 | 234.36 | 228 | 231.37 | 173 | 144.17 | 228 | 387.14 | 183 |
| 490 | 0. | 203 | 79.36 | 203 | 208.70 | 173 | 186.52 | 203 | 51.17 | 203 | 55.57 | 150 | 58.13 | 84 | 58.04 | 203 | 566.67 | 78 |
| 495 | 167.13 | 203 | 200.00 | 84 | 66.36 | 84 | 40.01 | 84 | 134.62 | 203 | 134.87 | 84 | 126.68 | 84 | 128.21 | 231 | 321.88 | 203 |
| 497 | 200.00 | 84 | 57.57 | 84 | 188.40 | 203 | 128.99 | 84 | 42.14 | 84 | 49.17 | 203 | 87.42 | 173 | 81.03 | 84 | 909.09 | 231 |
| 507 | 83.53 | 84 | 117.25 | 216 | 52.10 | 84 | 52.50 | 21 | 131.66 | 84 | 144.70 | 84 | 107.54 | 84 | 133.28 | 173 | 133.11 | 203 |
| 512 | 111.33 | 216 | 43.34 | 216 | 157.42 | 84 | 74.62 | 138 | 60.02 | 21 | 35.07 | 84 | 32.45 | 21 | 30.66 | 84 | 585.53 | 97 |
| 515 | 50.80 | 216 | 76.23 | 0 | 59.11 | 21 | 52.63 | 159 | 52.29 | 138 | 57.15 | 21 | 62.11 | 216 | 52.65 | 216 | 105.92 | 51 |
| 517 | 73.17 | 0 | 0. | 21 | 80.00 | 216 | 0. | 0 | 50.21 | 159 | 51.44 | 216 | 42.98 | 159 | 45.00 | 159 | 160.00 | 106 |
| 521 | 0. | 21 | 0. | 21 | 0. | 0 | 38.72 | 21 | 0. | 0 | 0. | 159 | 0. | 0 | 0. | 0 | 217.95 | 138 |
| 523 | 0. | 59 | 40.00 | 138 | 0. | 21 | 80.59 | 21 | 41.62 | 21 | 32.84 | 0 | 31.42 | 21 | 33.52 | 21 | 600.00 | 231 |
| 526 | 43.59 | 138 | 79.33 | 138 | 38.75 | 21 | 87.20 | 138 | 67.43 | 21 | 39.98 | 21 | 40.17 | 21 | 46.57 | 21 | 374.62 | 150 |
| 530 | 202.76 | 231 | 97.77 | 203 | 79.93 | 138 | 120.23 | 138 | 80.17 | 138 | 80.22 | 21 | 67.92 | 138 | 88.16 | 138 | 1156.07 | 33 |
| 531 | 113.10 | 203 | 147.73 | 231 | 96.81 | 138 | 117.94 | 203 | 61.97 | 138 | 93.37 | 138 | 149.24 | 138 | 145.59 | 203 | 451.43 | 97 |
| 534 | 346.23 | 84 | 150.36 | 138 | 158.33 | 203 | 306.62 | 84 | 88.12 | 203 | 100.21 | 138 | 105.23 | 203 | 102.61 | 203 | 931.03 | 97 |
| 536 | 159.69 | 15 | 319.32 | 231 | 113.75 | 9 | 152.11 | 231 | 282.10 | 84 | 237.11 | 203 | 282.01 | 106 | 194.05 | 231 | 329.19 | 78 |
| 541 | 460.55 | 231 | 196.92 | 231 | 359.56 | 138 | 241.11 | 231 | 118.62 | 231 | 143.15 | 106 | 112.16 | 231 | 131.16 | 231 | 400.00 | 78 |
| 544 | 171.70 | 231 | 259.67 | 10 | 169.82 | 231 | 84.70 | 231 | 228.25 | 9 | 217.52 | 231 | 218.41 | 231 | 204.14 | 231 | 366.06 | 78 |
| 547 | 282.15 | 231 | 92.11 | 97 | 261.11 | 231 | 206.12 | 27 | 74.59 | 231 | 69.35 | 231 | 47.19 | 231 | 70.14 | 231 | 1458.33 | 106 |
| 549 | 101.28 | 10 | 126.02 | 97 | 83.59 | 97 | 119.97 | 97 | 86.07 | 10 | 141.66 | 231 | 115.76 | 27 | 115.00 | 106 | 646.46 | 231 |
| 550 | 126.44 | 97 | 177.35 | 68 | 172.01 | 97 | 271.88 | 68 | 138.13 | 27 | 127.31 | 68 | 130.01 | 10 | 131.24 | 97 | 736.11 | 78 |
| 552 | 200.22 | 106 | 227.57 | 68 | 152.18 | 68 | 92.82 | 165 | 239.02 | 97 | 248.42 | 106 | 280.79 | 68 | 213.80 | 97 | 897.06 | 78 |
| 554 | 253.50 | 68 | 177.20 | 106 | 302.29 | 68 | 176.47 | 106 | 74.25 | 68 | 64.53 | 68 | 58.36 | 68 | 22.35 | 68 | 2365.59 | 78 |

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 558 | 104 181.54 | 104 161.72 | 104 152.23 | 15 271.05 | 104 169.54 | 33 332.26 | 33 334.12 | 33 319.81 |
| | 33 300.33 | 33 305.38 | 33 341.51 | 33 483.84 | 33 413.09 | 33 378.78 | 33 357.23 | 33 354.84 |
| 560 | 223 81.76 | 223 79.29 | 223 76.40 | 223 76.28 | 223 75.74 | 223 64.12 | 223 75.00 | 10 109.23 |
| | 223 198.79 | 223 158.90 | 10 135.77 | 10 182.85 | 223 268.80 | 223 289.04 | 223 271.77 | 27 258.75 |
| 564 | 27 102.50 | 84 104.69 | 84 84.20 | 84 97.02 | 106 96.20 | 84 123.00 | 106 230.73 | 84 214.22 |
| | 106 349.20 | 106 328.87 | 106 336.17 | 106 421.71 | 27 498.20 | 106 532.49 | 27 576.58 | 106 558.90 |
| 567 | 27 41.43 | 97 43.08 | 97 42.60 | 27 42.89 | 138 41.68 | 27 26.97 | 138 45.62 | 27 53.99 |
| | 97 59.44 | 231 86.33 | 138 69.49 | 138 56.41 | 183 56.32 | 138 57.10 | 183 57.84 | 97 101.27 |
| 568 | 231 45.00 | 183 45.00 | 183 45.00 | 183 45.00 | 183 51.55 | 183 49.82 | 183 66.11 | 183 69.35 |
| | 183 64.75 | 183 73.33 | 183 165.47 | 183 78.95 | 174 73.17 | 138 98.04 | 174 73.17 | 84 198.74 |
| 569 | 183 41.69 | 174 40.84 | 174 38.12 | 174 41.42 | 174 39.84 | 174 42.27 | 174 49.01 | 174 104.23 |
| | 174 98.81 | 174 117.57 | 174 101.45 | 174 126.28 | 138 162.89 | 174 215.93 | 165 236.83 | 174 237.50 |
| 571 | 59 156.41 | 59 142.86 | 165 145.99 | 138 144.36 | 138 151.16 | 165 59.43 | 138 231.01 | 165 192.22 |
| | 165 181.82 | 165 180.33 | 21 220.16 | 138 134.88 | 68 138.23 | 138 136.90 | 106 136.09 | 59 1151.52 |
| 572 | 21 697.58 | 21 333.33 | 21 307.69 | 229 597.56 | 231 571.43 | 21 333.33 | 231 643.75 | 21 535.71 |
| | 210 846.15 | 138 750.00 | 210 837.21 | 231 848.54 | 138 868.19 | 138 914.88 | 231 954.55 |
| 574 | 106 63.32 | 138 60.89 | 138 69.69 | 138 74.94 | 138 81.15 | 138 85.38 | 138 77.93 | 138 73.05 |
| | 138 94.34 | 138 124.58 | 138 137.65 | 138 121.35 | 138 133.83 | 138 135.10 | 229 134.88 | 231 174.34 |
| 577 | 229 360.31 | 229 297.60 | 229 312.15 | 231 661.74 | 229 452.64 | 229 484.17 | 231 518.13 | 231 751.13 |
| | 231 962.64 | 229 715.56 | 229 605.02 | 231 1267.50 | 231 1290.22 | 231 1521.82 | 216 1812.92 | 231 1775.00 |
| 603 | 216 16.70 | 59 9.38 | 165 10.23 | 216 17.38 | 216 19.02 | 216 18.65 | 216 23.55 | 216 23.12 |
| | 216 53.88 | 101 41.98 | 216 37.59 | 216 30.00 | 216 180.71 | 216 152.33 | 183 137.14 | 183 127.38 |
| 619 | 183 125.50 | 216 127.49 | 183 124.25 | 183 122.95 | 183 121.38 | 183 129.14 | 97 145.86 | 97 155.97 |
| | 183 179.40 | 183 199.03 | 84 283.95 | 174 298.59 | 97 303.44 | 78 334.49 | 78 266.88 | 78 272.54 |
| 633 | 59 0.27 | 59 0.27 | 78 0.60 | 78 0.90 | 78 0.96 | 78 -1.11 | 174 -1.11 | 174 -1.48 |
| | 174 1.64 | 174 1.50 | 174 1.39 | 174 7.08 | 174 1.77 | 174 2.22 | 229 2.86 | 229 2.98 |
| 634 | 229 742.90 | 97 336.61 | 97 667.89 | 229 714.32 | 229 704.89 | 229 742.85 | 101 781.53 | 101 770.30 |
| | 229 722.90 | 229 756.83 | 229 712.34 | 229 798.30 | 229 1013.65 | 101 1229.08 | 101 1213.96 | 68 1941.53 |
| 656 | 101 331.57 | 101 329.25 | 101 524.20 | 101 469.71 | 101 665.07 | 101 744.14 | 174 721.98 | 101 769.89 |
| | 101 877.50 | 101 777.54 | 101 1742.96 | 78 3335.95 | 68 2104.48 | 101 2665.00 | 78 2787.88 | 68 3037.57 |
| 658 | 68 1000.00 | 10 500.00 | 10 500.00 | 68 1085.71 | 68 333.33 | 174 500.00 | 138 666.67 | 174 152.54 |
| | 229 437.50 | 229 1333.33 | 229 1000.00 | 229 719.30 | 174 2000.00 | 100 1636.36 | 159 937.98 | 106 0 |
| 661 | 78 289.49 | 21 589.61 | 21 707.68 | 159 880.59 | 106 704.80 | 150 569.79 | 138 577.65 | 159 844.32 |
| | 231 1036.63 | 21 1355.69 | 21 1624.36 | 231 2972.00 | 100 3392.74 | 21 3321.91 | 159 2567.99 | 231 2724.94 |
| 667 | 101 517.57 | 101 361.38 | 101 501.27 | 101 277.16 | 21 494.61 | 159 221.35 | 223 255.70 | 223 193.92 |
| | 9 658.80 | 9 864.22 | 101 634.62 | 101 1009.41 | 21 768.21 | 223 748.61 | 9 737.86 | 101 1000.00 |
| 671 | 21 194.12 | 21 205.20 | 21 193.96 | 228 177.17 | 21 185.21 | 9 188.37 | 21 180.67 | 68 190.99 |
| | 9 416.66 | 21 478.44 | 21 489.96 | 21 578.06 | 21 588.87 | 21 657.81 | 21 657.89 | 174 1923.08 |
| 677 | 231 1353.36 | 231 1339.23 | 231 1351.62 | 15 1477.87 | 231 1804.95 | 159 1828.69 | 229 2065.29 | 78 2136.71 |
| | 15 2139.66 | 15 1638.31 | 15 1757.40 | 10 1915.19 | 15 2251.14 | 223 3576.59 | 15 3437.50 | 231 5344.83 |
| 687 | 101 649.18 | 101 482.67 | 101 534.75 | 21 626.31 | 21 908.52 | 9 862.51 | 101 827.24 | 51 1055.82 |
| | 100 1441.57 | 100 1499.87 | 101 1525.90 | 15 1992.97 | 21 1831.54 | 21 1855.78 | 21 1824.90 | 100 2552.63 |
| 689 | 101 90.00 | 101 75.71 | 101 50.93 | 101 24.93 | 101 55.28 | 101 128.19 | 101 118.47 | 150 169.30 |
| | 101 1051.19 | 138 697.23 | 165 610.59 | 165 477.88 | 165 809.21 | 165 903.57 | 101 704.56 | 101 1133.33 |
| 692 | 101 314.50 | 101 3009.26 | 101 2488.37 | 101 2533.33 | 101 3074.07 | 165 2214.81 | 165 2551.18 | 216 2529.97 |
| | 173 3230.77 | 101 3029.54 | 101 3026.95 | 101 3914.63 | 101 4758.35 | 101 18764.71 | 101 12068.97 | 101 85454.55 |
| 693 | 114 1141.18 | 229 916.09 | 229 792.55 | 101 860.65 | 101 1082.86 | 101 931.48 | 101 603.41 | 68 887.62 |
| | 159 1616.38 | 231 285.71 | 101 781.88 | 101 847.63 | 101 669.06 | 101 649.75 | 101 1365.38 | 101 1923.08 |
| 698 | 101 594.59 | 101 62.50 | 101 269.74 | 101 163.99 | 101 312.86 | 101 483.87 | 114 282.05 | 68 121.47 |
| | 15 171.88 | 138 819.85 | 138 456.00 | 138 1372.09 | 101 500.00 | 101 2529.41 | 114 2529.41 | 68 8095.24 |
| 702 | 101 314.57 | 101 734.36 | 101 616.34 | 101 298.58 | 101 409.83 | 216 111.11 | 101 248.28 | 101 264.90 |
| | 101 350.14 | 27 336.54 | 101 1312.20 | 101 1484.60 | 114 1462.68 | 101 1392.97 | 165 1345.68 | 216 1500.00 |
| 711 | 173 184.45 | 54 624.64 | 114 144.89 | 114 146.14 | 114 154.19 | 165 337.42 | 59 318.26 | 114 213.55 |
| | 114 331.41 | 165 336.54 | 165 185.27 | 223 728.21 | 100 652.65 | 27 616.12 | 59 621.05 | 59 621.05 |
| 723 | 159 50.41 | 101 31.43 | 59 19.92 | 159 398.53 | 165 220.88 | 59 168.99 | 101 50.10 | 51 212.59 |
| | 101 1729.95 | 114 25.28 | 101 43.65 | 101 140.57 | 101 173.50 | 101 144.82 | 101 142.86 | 216 666.67 |
| 754 | 114 1795.91 | 15 1685.58 | 15 942.86 | 114 1374.43 | 114 1464.03 | 15 1555.09 | 114 1612.26 | 114 1567.56 |
| | 114 162.36 | 114 1676.84 | 114 2083.26 | 114 1960.30 | 21 3000.75 | 15 2678.30 | 21 3358.49 | 0 |
| 766 | 21 339.02 | 21 165.44 | 231 178.16 | 21 153.90 | 21 155.41 | 165 112.84 | 165 227.64 | 165 187.81 |
| | 228 | 165 259.29 | 165 290.83 | 228 433.27 | 9 315.71 | 228 429.52 | 228 445.76 | 228 461.61 |

| ID | | | | | | | | | | | | | | | | |
|------|--------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|--------|-----|
| 770 | 105.61 | 223 | 82.09 | 223 | 79.38 | 223 | 77.28 | 21 | 77.65 | 21 | 93.54 | 9 | 112.13 | 9 | 78.96 | 223 |
| 771 | 283.81 | 68 | 134.92 | 223 | 138.33 | 68 | 114.41 | 9 | 104.12 | 9 | 116.74 | 223 | 206.01 | 223 | 227.84 | 223 |
| 773 | 135.31 | 150 | 77.75 | 68 | 82.16 | 68 | 75.77 | 68 | 68.57 | 68 | 70.55 | 68 | 63.61 | 68 | 60.56 | 68 |
| 777 | 181.16 | 173 | 180.11 | 150 | 165.33 | 150 | 206.48 | 173 | 198.51 | 173 | 196.65 | 68 | 177.52 | 150 | 140.17 | 68 |
| 780 | 227.22 | 150 | 113.33 | 150 | 103.70 | 173 | 89.84 | 68 | 92.43 | 173 | 140.40 | 68 | 106.57 | 68 | 116.58 | 68 |
| 782 | 459.53 | 97 | 198.51 | 68 | 157.66 | 150 | 361.42 | 173 | 360.26 | 68 | 341.29 | 68 | 244.88 | 68 | 255.35 | 68 |
| 788 | 113.23 | 97 | 187.81 | 21 | 95.44 | 68 | 101.28 | 68 | 97.89 | 97 | 102.75 | 97 | 154.63 | 97 | 174.51 | 100 |
| 789 | 323.08 | 216 | 250.64 | 78 | 244.24 | 216 | 236.88 | 216 | 185.72 | 68 | 158.74 | 15 | 107.75 | 78 | 105.37 | 68 |
| 800 | 144.07 | 78 | 176.70 | 100 | 138.97 | 100 | 125.20 | 216 | 178.00 | 15 | 184.43 | 15 | 199.61 | 15 | 184.09 | 78 |
| 809 | 242.86 | 216 | 244.29 | 216 | 270.00 | 216 | 136.64 | 216 | 197.59 | 100 | 237.49 | 216 | 276.96 | 216 | 240.63 | 15 |
| 821 | 193.60 | 216 | 205.25 | 100 | 165.81 | 216 | 134.22 | 216 | 146.55 | 216 | 111.90 | 216 | 131.32 | 216 | 163.95 | 216 |
| 826 | 277.78 | 21 | 278.02 | 216 | 242.79 | 216 | 244.72 | 216 | 250.48 | 216 | 206.45 | 216 | 201.20 | 216 | 168.37 | 216 |
| 867 | 580.56 | 68 | 440.39 | 21 | 411.29 | 21 | 426.14 | 21 | 412.73 | 21 | 330.55 | 21 | 332.69 | 21 | 321.49 | 21 |
| 868 | 5066.67 | 231 | 2565.22 | 21 | 2568.64 | 21 | 2117.94 | 21 | 1539.37 | 21 | 1493.31 | 21 | 365.08 | 15 | 754.94 | 21 |
| 869 | 211.28 | 150 | 147.85 | 114 | 103.66 | 114 | 111.05 | 21 | 116.67 | 21 | 116.52 | 21 | 86.64 | 101 | 151.75 | 231 |
| 882 | 654.55 | 138 | 469.09 | 138 | 496.36 | 138 | 386.74 | 114 | 300.74 | 114 | 330.17 | 114 | 461.13 | 114 | 544.19 | 231 |
| 919 | 145.40 | 138 | 207.68 | 138 | 200.91 | 138 | 252.04 | 138 | 272.22 | 138 | 186.46 | 138 | 184.93 | 138 | 198.63 | 138 |
| 927 | 0 | 0 | 391.67 | 101 | 391.67 | 101 | 353.85 | 138 | 309.29 | 138 | 302.00 | 138 | 294.82 | 138 | 269.03 | 138 |
| 947 | 461.54 | 78 | 307.80 | 229 | 85.94 | 231 | 62.50 | 101 | 13.33 | 101 | 49.18 | 229 | 74.63 | 229 | 333.33 | 229 |
| 951 | 1000.00 | 33 | 500.00 | 78 | 397.44 | 78 | 750.00 | 231 | 1556.20 | 231 | 1055.95 | 231 | 714.29 | 231 | 613.08 | 231 |
| 957 | 81.09 | 33 | 84.52 | 33 | 99.42 | 33 | 18.70 | 33 | 19.42 | 173 | 37.94 | 173 | 12.62 | 173 | 131.97 | 33 |
| 977 | 170.54 | 21 | 161.59 | 21 | 218.75 | 21 | 159.77 | 21 | 203.82 | 173 | 142.75 | 138 | 152.42 | 138 | 491.27 | 21 |
| 978 | 945.05 | 106 | 755.95 | 106 | 627.04 | 106 | 600.02 | 106 | 573.96 | 21 | 506.81 | 21 | 467.51 | 21 | 1097.33 | 183 |
| 979 | 1815.61 | 228 | 1811.81 | 228 | 1648.48 | 9 | 1666.03 | 9 | 1386.89 | 9 | 1297.34 | 9 | 958.79 | 9 | 522.55 | 33 |
| 982 | 1568.22 | 156 | 756.22 | 21 | 660.79 | 156 | 555.53 | 156 | 499.17 | 15 | 474.41 | 21 | 479.06 | 33 | 881.03 | 173 |
| 987 | 839.55 | 33 | 1253.52 | 15 | 1233.99 | 9 | 743.92 | 229 | 666.18 | 156 | 646.73 | 9 | 679.35 | 9 | 488.13 | 173 |
| 994 | 1118.75 | 229 | 501.90 | 33 | 378.42 | 15 | 453.71 | 9 | 292.94 | 229 | 366.72 | 33 | 418.90 | 33 | 565.31 | 0 |
| 995 | 287.81 | 229 | 1117.49 | 21 | 1079.13 | 156 | 549.98 | 156 | 775.23 | 156 | 728.23 | 156 | 457.93 | 173 | 425.80 | 229 |
| 999 | 108.62 | 10 | 609.09 | 229 | 379.51 | 229 | 468.35 | 229 | 501.40 | 229 | 382.39 | 229 | 355.75 | 229 | 74.34 | 10 |
| 1007 | 167.82 | 156 | 93.94 | 156 | 59.10 | 10 | 56.97 | 10 | 49.49 | 33 | 61.82 | 156 | 72.17 | 10 | 130.49 | 10 |

| V1 | N1 | V2 | N2 | V3 | N3 | V4 | N4 | V5 | N5 | V6 | N6 | V7 | N7 | V8 | N8 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2999.32 | 229 | 1555.10 | 229 | 1294.59 | 229 | 1353.81 | 68 | 1422.05 | 68 | 1434.23 | 68 | 1699.41 | 68 | 1024.48 | 106 |
| 5609.93 | 68 | 5572.46 | 15 | 5123.50 | 15 | 4462.74 | 68 | 1674.33 | 10 | 1894.90 | 10 | 2185.60 | 229 | 3085.95 | 229 |
| 601.47 | 231 | 471.93 | 231 | 506.85 | 231 | 596.29 | 231 | 614.83 | 231 | 187.53 | 150 | 243.16 | 150 | 335.50 | 150 |
| 600.00 | 150 | 1583.33 | 156 | 1297.79 | 231 | 1423.47 | 78 | 1058.62 | 231 | 949.52 | 9 | 783.90 | 231 | 468.57 | 231 |
| 679.60 | 156 | 594.81 | 156 | 568.33 | 156 | 552.37 | 156 | 473.68 | 156 | 403.82 | 156 | 526.90 | 156 | 1857.14 | 68 |
| 1357.14 | 156 | 1285.71 | 78 | 1227.60 | 156 | 392.62 | 156 | 932.22 | 156 | 823.72 | 156 | 854.57 | 156 | 985.99 | 156 |
| 224.00 | 210 | 200.22 | 78 | 168.10 | 210 | 100.74 | 210 | 143.91 | 210 | 119.90 | 174 | 76.67 | 210 | 102.84 | 210 |
| 0 | 0 | 567.86 | 9 | 571.88 | 78 | 204.62 | 78 | 181.78 | 78 | 160.42 | 78 | 155.68 | 78 | 150.00 | 78 |
| 693.44 | 223 | 460.66 | 231 | 291.98 | 9 | 345.09 | 223 | 381.45 | 223 | 349.91 | 9 | 445.80 | 223 | 326.24 | 223 |
| 1416.67 | 231 | 1437.23 | 210 | 1036.21 | 231 | 1135.09 | 150 | 1176.89 | 150 | 1294.40 | 223 | 950.95 | 223 | 770.00 | 223 |
| 1412.62 | 54 | 743.89 | 97 | 631.08 | 104 | 687.99 | 104 | 612.26 | 104 | 557.51 | 104 | 749.52 | 173 | 660.04 | 173 |
| 1875.29 | 97 | 1643.57 | 78 | 1895.62 | 97 | 1817.92 | 97 | 1091.05 | 27 | 1057.51 | 27 | 914.18 | 27 | 1203.68 | 27 |
| 163.73 | 78 | 89.38 | 78 | 302.93 | 78 | 81.57 | 78 | 76.50 | 78 | 83.13 | 78 | 108.96 | 78 | 94.55 | 97 |
| 274.19 | 78 | 276.35 | 97 | 182.21 | 78 | 307.78 | 78 | 294.77 | 78 | 167.17 | 78 | 143.63 | 78 | 321.66 | 78 |
| 175.63 | 183 | 138.74 | 97 | 460.85 | 183 | 194.97 | 183 | 147.73 | 106 | 98.75 | 106 | 149.20 | 68 | 173.20 | 183 |
| 316.52 | 97 | 327.40 | 97 | 120.83 | 11 | 407.28 | 231 | 381.83 | 231 | 329.62 | 231 | 324.85 | 97 | 333.76 | 97 |
| 163.95 | 11 | 114.91 | 11 | 199.16 | 11 | 112.47 | 11 | 103.50 | 11 | 94.06 | 11 | 101.32 | 11 | 107.44 | 11 |
| 740.54 | 110 | 730.17 | 110 | 120.12 | 11 | 262.12 | 11 | 215.55 | 54 | 140.67 | 11 | 125.64 | 11 | 148.25 | 11 |
| 805.70 | 231 | 583.35 | 231 | 566.38 | 54 | 578.96 | 54 | 543.59 | 54 | 532.16 | 54 | 541.92 | 54 | 569.28 | 231 |
| 1162.01 | 231 | 1151.52 | 21 | 1004.68 | 21 | 943.18 | 21 | 941.37 | 231 | 904.36 | 231 | 857.75 | 231 | 866.76 | 27 |
| 448.15 | 10 | 452.13 | 10 | 409.45 | 10 | 392.41 | 10 | 397.26 | 104 | 287.36 | 104 | 281.61 | 104 | 317.87 | 104 |
| 1120.00 | 231 | 846.96 | 106 | 756.93 | 106 | 770.07 | 106 | 545.45 | 106 | 642.41 | 106 | 545.82 | 10 | 522.89 | 10 |
| 478.31 | 10 | 353.93 | 183 | 310.16 | 229 | 302.07 | 229 | 152.66 | 229 | 102.27 | 229 | 114.75 | 229 | 87.65 | 229 |
| 1064.81 | 203 | 1020.99 | 203 | 742.66 | 203 | 715.13 | 173 | 614.83 | 173 | 675.48 | 10 | 609.87 | 10 | 593.31 | 10 |
| 356.79 | 78 | 299.65 | 78 | 303.92 | 229 | 350.66 | 229 | 379.14 | 229 | 125.19 | 229 | 592.68 | 150 | 516.39 | 68 |
| 1419.35 | 150 | 746.62 | 229 | 593.64 | 78 | 491.11 | 78 | 463.64 | 78 | 397.55 | 78 | 435.04 | 78 | 500.09 | 78 |
| 841.05 | 78 | 746.56 | 78 | 636.09 | 33 | 523.66 | 78 | 517.62 | 78 | 532.77 | 78 | 746.13 | 231 | 786.09 | 231 |
| 960.00 | 78 | 951.45 | 78 | 1020.11 | 78 | 1408.62 | 231 | 1165.93 | 231 | | | 848.73 | 78 | 760.56 | 78 |
| 452.53 | 216 | 361.52 | 216 | 359.14 | 216 | | | 10000.00 | 0 | 1033.35 | 0 | | | 0 | 0 |
| 0 | | | | | | 680.43 | 216 | 711.43 | 216 | 591.42 | 216 | 729.30 | 0 | 685.48 | 216 |
| 555.13 | 223 | 452.86 | 138 | 382.43 | 138 | 376.45 | 138 | 375.06 | 138 | 363.92 | 9 | 341.71 | 138 | 317.08 | 21 |
| 2134.35 | 231 | 1350.00 | 138 | 1350.00 | 138 | 1201.90 | 138 | 1022.07 | 138 | 872.93 | 9 | 891.10 | 9 | 767.83 | 138 |
| 456.62 | 15 | 1238.10 | 229 | 1110.24 | 229 | 754.39 | 231 | 703.39 | 231 | 553.48 | 231 | 640.05 | 231 | 693.66 | 231 |
| 1312.50 | 33 | 1382.55 | 33 | 1535.02 | 106 | 443.37 | 165 | 568.97 | 100 | 755.91 | 15 | 991.59 | 231 | 278.76 | 15 |
| 188.55 | 9 | 109.46 | 9 | 93.33 | 9 | 92.39 | 9 | 75.45 | 9 | 68.34 | 9 | 74.67 | 9 | 80.68 | 9 |
| 720.00 | 33 | 577.28 | 9 | 590.73 | 9 | 415.15 | 9 | 325.76 | 9 | 246.32 | 9 | 137.14 | 9 | 278.18 | 9 |
| 1257.34 | 231 | 1443.98 | 150 | 1211.75 | 173 | 1196.17 | 150 | 1049.27 | 156 | 869.29 | 156 | 831.04 | 173 | 916.89 | 173 |
| 1285.71 | 231 | 1270.92 | 231 | 1653.13 | 15 | 1610.36 | 15 | 1716.90 | 231 | 1406.21 | 231 | 2064.66 | 150 | 952.38 | 15 |
| 427.14 | 228 | 287.77 | 228 | 304.10 | 228 | 198.30 | 228 | 230.59 | 110 | 253.55 | 110 | 199.73 | 110 | 117.50 | 110 |
| 758.97 | 54 | 1384.21 | 138 | 1416.58 | 228 | 1097.07 | 228 | 967.45 | 228 | 563.31 | 228 | 414.01 | 228 | 454.21 | 228 |
| 332.11 | 68 | 250.00 | 138 | 300.88 | 138 | 261.45 | 138 | 260.48 | 138 | 380.66 | 156 | 191.57 | 156 | 445.78 | 68 |
| 1285.71 | 78 | 600.00 | 138 | 600.00 | 138 | 450.57 | 78 | 293.65 | 78 | 392.24 | 106 | 388.35 | 78 | 412.50 | 106 |
| 245.33 | 78 | 152.31 | 54 | 112.98 | 33 | 122.09 | 33 | 123.28 | 33 | 112.24 | 15 | 113.83 | 104 | 158.33 | 104 |
| 383.23 | 11 | 382.61 | 11 | 461.60 | 11 | 386.28 | 11 | 310.34 | 183 | 258.62 | 183 | 210.03 | 183 | 342.06 | 78 |
| 125.09 | 9 | 77.58 | 9 | 56.93 | 9 | 67.95 | 9 | 55.10 | 9 | 48.01 | 9 | 57.21 | 9 | 69.75 | 9 |
| 189.76 | 10 | 193.36 | 9 | 193.72 | 9 | 155.04 | 9 | 143.88 | 9 | 112.51 | 156 | 125.92 | 33 | 178.95 | 104 |
| 236.00 | 165 | 153.25 | 165 | 131.80 | 216 | 128.56 | 228 | 140.53 | 228 | 134.35 | 150 | 132.83 | 54 | 80.99 | 216 |
| 337.61 | 216 | 340.28 | 216 | 331.26 | 228 | 292.43 | 216 | 355.55 | 216 | 248.23 | 216 | 246.61 | 33 | 290.00 | 216 |
| 543.21 | 228 | 389.57 | 138 | 267.27 | 138 | 238.22 | 138 | 208.28 | 138 | 191.89 | 138 | 197.74 | 138 | 185.45 | 138 |
| 1007.14 | 228 | 760.87 | 110 | 741.60 | 110 | 587.80 | 228 | 611.12 | 228 | 570.99 | 228 | 691.89 | 228 | 635.48 | 228 |
| 2331.33 | 228 | 1219.62 | 231 | 1343.86 | 231 | 1744.58 | 228 | 1933.16 | 228 | 2570.00 | 228 | 2065.00 | 228 | 1930.53 | 228 |
| 3842.11 | 228 | 3684.95 | 100 | 1065.69 | 100 | 3426.37 | 228 | 2540.97 | 228 | 2409.01 | 100 | 1368.42 | 110 | 2665.45 | 110 |
| 1910.11 | 223 | 1003.89 | 21 | 989.60 | 100 | 1321.43 | 100 | 282.05 | 15 | 1513.57 | 68 | 1414.44 | 100 | 1320.71 | 100 |
| 5192.31 | 116 | 3513.51 | 100 | 3000.00 | 100 | 2074.31 | 97 | 1428.33 | 97 | 1264.09 | 68 | 1324.52 | 68 | 1506.17 | 223 |
| 2449.63 | 68 | 1308.19 | 21 | 1218.22 | 100 | 1339.36 | 97 | 768.58 | 68 | 1339.36 | 106 | 1093.80 | 97 | 1400.67 | 68 |
| 7133.33 | 68 | 6985.44 | 68 | 7211.89 | 68 | 6137.21 | 68 | 4876.68 | 68 | 4767.81 | 68 | 1517.64 | 210 | 3296.36 | 68 |
| 389.97 | 78 | 279.46 | 150 | 291.16 | 150 | 268.40 | 210 | 241.27 | 210 | 183.57 | 210 | 195.52 | 78 | 223.91 | 78 |
| 514.29 | 210 | 494.93 | 228 | 642.46 | 228 | 357.53 | 78 | 486.49 | 78 | 601.45 | 97 | 359.65 | 97 | 590.44 | 210 |
| 2835.79 | 231 | 1482.43 | 97 | 1222.22 | 97 | 597.86 | 84 | 667.28 | 84 | 1123.07 | 84 | 748.90 | 84 | 726.93 | 84 |
| 8466.67 | 231 | 6766.67 | 223 | 9672.49 | 150 | 7424.50 | 223 | 786.95 | | 590.98 | | 3940.78 | 231 | 2803.31 | 231 |

Row labels (across bottom): 1008, 1009, 1017, 1020, 1025, 1035, 1036, 1037, 1044, 1058, 1059, 1062, 1065, 1089, 1091, 1097, 1100, 1102, 1163, 1166, 1167, 1168, 1173, 1174, 1182, 1186, 1187, 1195, 1213, 1218

| ID | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1219 | 210 | 308.73 | 100 | 307.17 | 33 | 227.81 | 210 | 110.95 | 210 | 99.79 | 210 | 99.29 | 100 | 299.85 | 165 | 358.94 |
|  | 165 | 482.44 | 100 | 503.65 | 165 | 515.13 | 100 | 501.00 | 100 | 519.52 | 165 | 583.08 | 165 | 473.25 | 150 | 1631.58 |
| 1221 | 9 | 205.94 | 9 | 174.71 | 156 | 120.60 | 156 | 118.55 | 156 | 175.22 | 156 | 187.40 | 229 | 191.23 | 10 | 234.59 |
|  | 106 | 416.04 | 15 | 359.42 | 9 | 325.75 | 9 | 350.78 | 9 | 384.92 | 10 | 588.63 | 150 | 539.16 | 231 | 527.27 |
| 1222 | 229 | 111.11 | 229 | 125.00 | 15 | 100.00 | 68 | 123.79 | 106 | 111.11 | 229 | 118.28 | 68 | 130.34 | 229 | 224.81 |
|  | 174 | 313.33 | 174 | 264.32 | 15 | 187.10 | 15 | 217.69 | 33 | 176.47 | 106 | 225.61 | 54 | 211.21 | 68 | 213.89 |
| 1223 | 231 | 170.00 | 110 | 121.77 | 174 | 83.77 | 33 | 110.00 | 110 | 173.80 | 231 | 187.21 | 110 | 155.81 | 174 | 250.70 |
|  | 33 | 438.82 | 33 | 317.78 | 54 | 331.17 | 33 | 232.31 | 156 | 408.89 | 110 | 381.93 | 156 | 394.12 | 110 | 377.68 |
| 1225 | 156 | 177.80 | 33 | 132.76 | 156 | 105.90 | 156 | 102.62 | 156 | 140.05 | 156 | 173.55 | 33 | 148.70 | 156 | 165.24 |
|  | 104 | 373.13 | 104 | 313.30 | 156 | 284.45 | 156 | 333.36 | 104 | 312.41 | 156 | 498.16 | 15 | 450.43 | 33 | 454.65 |
| 1242 | 110 | 329.70 | 97 | 224.65 | 104 | 217.42 | 104 | 275.64 | 228 | 276.18 | 104 | 300.75 | 15 | 417.24 | 15 | 505.57 |
|  | 150 | 254.37 | 150 | 397.11 | 15 | 738.82 | 15 | 878.33 | 150 | 886.99 | 228 | 1084.52 | 150 | 1168.45 | 110 | 1009.81 |
| 1243 | 150 | 342.32 | 78 | 330.98 | 150 | 318.70 | 78 | 301.35 | 78 | 371.30 | 150 | 404.12 | 150 | 386.26 | 150 | 523.14 |
|  | 33 | 830.49 | 33 | 807.09 | 150 | 668.03 | 78 | 806.82 | 9 | 854.90 | 150 | 814.98 | 9 | 882.86 | 150 | 862.94 |
| 1274 | 15 | 169.02 | 33 | 229.15 | 33 | 204.31 | 33 | 135.82 | 33 | 190.10 | 33 | 187.44 | 33 | 163.37 | 9 | 172.80 |
|  | 15 | 466.46 | 15 | 167.35 | 15 | 213.20 | 33 | 654.71 | 15 | 250.97 | 15 | 352.42 | 15 | 315.45 | 33 | 302.61 |
| 1275 | 33 | 238.85 | 15 | 197.36 | 15 | 171.90 | 15 | 188.24 | 15 | 266.17 | 15 | 289.43 | 15 | 256.43 | 15 | 315.86 |
|  | 33 | 600.82 | 33 | 534.64 | 33 | 435.56 | 15 | 531.97 | 231 | 585.93 | 33 | 657.42 | 110 | 658.37 | 231 | 964.31 |
| 1501 | 228 | 760.38 | 110 | 829.12 | 110 | 847.61 | 33 | 932.55 | 33 | 1039.95 | 33 | 1080.19 | 33 | 1083.04 | 33 | 1633.05 |
|  | 228 | 1746.73 | 228 | 1722.90 | 228 | 1944.94 | 228 | 2049.42 | 228 | 2494.06 | 228 | 2895.91 | 228 | 2789.00 | 231 | 3035.81 |
| 1514 | 210 | 116.42 | 228 | 114.13 | 228 | 134.55 | 228 | 135.26 | 228 | 129.82 | 228 | 147.54 | 228 | 167.53 | 9 | 192.83 |
|  | 210 | 232.22 | 210 | 238.35 | 210 | 235.01 | 210 | 253.92 | 210 | 293.33 | 210 | 369.68 | 210 | 374.80 | 228 | 372.59 |
| 1527 | 106 | 129.14 | 210 | 104.47 | 210 | 109.72 | 229 | 123.54 | 229 | 113.05 | 229 | 157.87 | 229 | 183.21 | 216 | 213.82 |
|  | 27 | 360.30 | 77 | 333.17 | 101 | 336.74 | 101 | 444.77 | 27 | 358.43 | 27 | 343.07 | 27 | 343.07 | 216 | 332.60 |
| 1540 | 110 | 297.29 | 27 | 390.12 | 27 | 81.26 | 27 | 116.66 | 27 | 141.39 | 27 | 143.31 | 27 | 146.69 | 27 | 179.34 |
|  | 165 | 157.19 | 110 | 160.00 | 110 | 157.78 | 110 | 190.27 | 54 | 148.49 | 54 | 157.77 | 54 | 166.66 | 210 | 130.49 |
| 1553 | 78 | 429.77 | 165 | 404.47 | 54 | 328.68 | 165 | 503.74 | 165 | 440.95 | 165 | 648.33 | 165 | 577.91 | 54 | 612.75 |
|  | 78 | 1194.60 | 78 | 1281.95 | 78 | 1442.51 | 150 | 1776.19 | 203 | 1750.82 | 150 | 2269.15 | 150 | 2269.15 | 68 | 2522.19 |
| 1562 | 231 | 81.33 | 106 | 67.72 | 106 | 88.43 | 106 | 125.43 | 106 | 162.60 | 106 | 164.95 | 78 | 176.19 | 106 | 192.25 |
|  | 231 | 152.56 | 231 | 209.37 | 203 | 193.37 | 229 | 489.10 | 231 | 300.38 | 231 | 444.58 | 231 | 382.02 | 203 | 722.78 |
| 1570 | 110 | 187.77 | 231 | 234.33 | 231 | 224.36 | 231 | 206.62 | 231 | 152.06 | 33 | 275.28 | 231 | 272.18 | 231 | 289.95 |
|  | 0 | 413.15 | 110 | 471.98 | 110 | 437.67 | 110 | 906.98 | 110 | 531.66 | 110 | 654.74 | 110 | 466.25 | 231 | 480.00 |
| 1579 | 138 | 21.00 | 0 | 21.58 | 0 | 31.35 | 0 | 38.57 | 0 | 41.00 | 0 | 33.39 | 0 | 65.56 | 33 | 114.34 |
|  | 101 | 1050.00 | 138 | 833.33 | 101 | 46.25 | 101 | 23.33 | 101 | 98.00 | 101 | 223.33 | 101 | 186.58 | 101 | 291.37 |
| 1587 | 138 | 117.57 | 216 | 172.42 | 101 | 398.08 | 216 | 294.22 | 101 | 314.82 | 216 | 139.25 | 101 | 293.06 | 0 | 0. |
|  | 101 | 14.98 | 138 | 22.54 | 101 | 8.28 | 101 | 6.44 | 101 | 6.91 | 101 | 6.41 | 138 | 6.29 | 101 | 8.26 |
| 1594 | 101 | 8.00 | 101 | 10.00 | 101 | 15.79 | 101 | 13.88 | 101 | 13.53 | 101 | 13.10 | 101 | 12.74 | 110 | 851.20 |

## APPENDIX C1: Country Pattern, Original Commodities, 1961–76.

Original FAO commodities

| commodity | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 228 | 228 | 9 | 9 | 10 | 10 | 10 | 231 |
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| 20 | 150 | 150 | 150 | 33 | 33 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 97 | 97 | 97 | 78 |
| 22 | 150 | 150 | 150 | 150 | 150 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 231 | 231 | 231 | 231 |
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| 61 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
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| 112 | 106 | 106 | 104 | 101 | 101 | 101 | 229 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 231 |
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261   223 223 174 223 203 203   9 223 223   9  84 223 223 223 203 203
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| 274 | 84 | 84 | 203 | 84 | 84 | 203 | 84 | 203 | 84 | 203 | 203 | 84 | 84 | 84 | 84 | 84 |
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| 291 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 165 | 100 | 54 | 100 | 100 | 100 | 106 | 106 | 106 |
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| 391 | 27 | 27 | 27 | 27 | 27 | 27 | 138 | 138 | 27 | 138 | 138 | 138 | 27 | 27 | 27 | 27 |
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| 394 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 0 |
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| 571 | 59 | 59 | 59 | 138 | 138 | 165 | 165 | 101 | 165 | 165 | 138 | 138 | 138 | 138 | 138 | 59 |
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 623 | 27 | 27 | 84 | 27 | 27 | 84 | 27 | 27 | 27 | 27 | 84 | 84 | 84 | 84 | 97 | 97 |
| 624 | 203 | 106 | 165 | 21 | 229 | 203 | 229 | 229 | 21 | 68 | 106 | 106 | 101 | 106 | 11 | 106 |
| 632 | 78 | 78 | 11 | 11 | 78 | 78 | 11 | 78 | 78 | 11 | 78 | 97 | 97 | 97 | 97 | 78 |
| 633 | 59 | 59 | 78 | 174 | 78 | 78 | 78 | 78 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
| 634 | 229 | 97 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 33 |
| 635 | 78 | 78 | 78 | 54 | 68 | 78 | 78 | 78 | 78 | 78 | 106 | 78 | 78 | 78 | 150 | 78 |
| 639 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 78 | 78 | 78 | 78 | 78 | 0 |
| 641 | 10 | 10 | 10 | 10 | 10 | 10 | 231 | 231 | 10 | 10 | 156 | 10 | 231 | 231 | 231 | 231 |
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| 651 | 101 | 78 | 78 | 68 | 68 | 54 | 104 | 54 | 68 | 150 | 104 | 68 | 68 | 68 | 104 | 54 |
| 652 | 150 | 165 | 15 | 15 | 15 | 15 | 223 | 223 | 150 | 21 | 68 | 68 | 68 | 78 | 78 | 78 |
| 653 | 216 | 216 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 78 | 33 | 33 | 33 |
| 654 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 655 | 173 | 173 | 173 | 173 | 173 | 97 | 173 | 173 | 173 | 173 | 173 | 97 | 97 | 97 | 97 | 0 |
| 656 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 150 |
| 657 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 229 | 138 | 138 | 231 | 138 | 138 | 138 | 78 |
| 658 | 68 | 10 | 10 | 11 | 174 | 174 | 174 | 174 | 229 | 229 | 229 | 100 | 106 | 150 | 78 | 0 |
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| 661 | 159 | 21 | 21 | 159 | 21 | 21 | 138 | 159 | 231 | 21 | 159 | 150 | 159 | 21 | 21 | 231 |
| 662 | 78 | 104 | 104 | 104 | 104 | 78 | 138 | 138 | 138 | 78 | 78 | 78 | 21 | 21 | 21 | 78 |
| 663 | 0 | 0 | 0 | 0 | 231 | 21 | 231 | 21 | 21 | 21 | 21 | 231 | 231 | 231 | 78 | 0 |
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| 667 | 101 | 101 | 101 | 101 | 9 | 223 | 223 | 223 | 9 | 9 | 9 | 228 | 9 | 9 | 9 | 228 |
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| 687 | 101 | 101 | 101 | 21 | 21 | 21 | 101 | 100 | 100 | 101 | 101 | 101 | 101 | 101 | 101 | 150 |
| 689 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 138 | 165 | 165 | 165 | 165 | 165 | 216 |
| 692 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 68 |
| 693 | 101 | 101 | 229 | 101 | 101 | 101 | 101 | 101 | 231 | 101 | 101 | 101 | 101 | 101 | 101 | 68 |
| 698 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 138 | 101 | 101 | 68 |
| 702 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 711 | 173 | 27 | 114 | 114 | 114 | 27 | 165 | 114 | 114 | 54 | 165 | 223 | 100 | 59 | 59 | 59 |
| 723 | 159 | 101 | 101 | 159 | 165 | 165 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
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| 771 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 150 | 68 | 68 | 68 | 150 | 150 | 150 |
| 773 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 97 | 97 | 173 | 173 | 173 | 183 | 150 | 150 | 59 |
| 774 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 228 | 68 | 68 | 150 | 68 | 68 |
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| 782 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |
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| 789 | 21 | 101 | 21 | 21 | 21 | 21 | 21 | 231 | 231 | 114 | 21 | 114 | 21 | 114 | 114 | 150 |
| 800 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 0 |
| 809 | 229 | 101 | 101 | 101 | 101 | 101 | 231 | 78 | 231 | 78 | 231 | 231 | 150 | 229 | 78 | 0 |
| 821 | 173 | 173 | 173 | 173 | 173 | 33 | 33 | 33 | 33 | 138 | 138 | 33 | 33 | 33 | 33 | 33 |
| 826 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 9 | 106 | 106 | 216 | 106 | 106 | 106 |
| 828 | 100 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 78 | 78 | 78 |
| 829 | 174 | 114 | 223 | 100 | 100 | 21 | 100 | 21 | 100 | 100 | 101 | 100 | 100 | 203 | 21 | 203 |
| 831 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 68 | 165 | 68 |

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947     0   0   0   0   0   0 223   0   0   0   0   0   0   0   0   0
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| 1540 | 54 | 54 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 210 | 210 | 210 |
| 1541 | 106 | 77 | 173 | 173 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 51 |
| 1542 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 78 | 78 | 78 | 0 |
| 1543 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 | 78 | 78 | 78 | 78 | 78 | 0 |
| 1544 | 0 | 0 | 101 | 0 | 0 | 0 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 0 |
| 1545 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 210 | 15 | 15 | 15 | 15 | 0 | 0 |
| 1546 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101 | 78 | 78 | 78 | 78 | 0 |
| 1547 | 216 | 216 | 216 | 216 | 216 | 216 | 165 | 216 | 165 | 165 | 216 | 216 | 216 | 216 | 216 | 216 |
| 1548 | 138 | 138 | 138 | 0 | 0 | 0 | 77 | 97 | 97 | 0 | 0 | 0 | 59 | 10 | 0 | 0 |
| 1553 | 97 | 97 | 101 | 101 | 78 | 101 | 101 | 101 | 78 | 78 | 159 | 68 | 68 | 216 | 68 | 68 |
| 1554 | 228 | 228 | 100 | 100 | 228 | 100 | 100 | 228 | 100 | 100 | 54 | 54 | 54 | 54 | 54 | 231 |
| 1555 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 110 |
| 1556 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 223 | 223 | 165 | 223 | 223 | 165 | 223 | 165 | 231 |
| 1557 | 0 | 0 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 216 | 216 | 216 | 101 | 0 |
| 1558 | 0 | 0 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 0 | 11 | 11 | 11 | 0 | 0 |
| 1559 | 165 | 165 | 101 | 101 | 101 | 101 | 101 | 101 | 165 | 0 | 0 | 216 | 216 | 216 | 110 | 0 |
| 1562 | 54 | 54 | 54 | 54 | 54 | 54 | 106 | 106 | 78 | 106 | 54 | 78 | 78 | 54 | 54 | 203 |
| 1563 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 78 | 150 | 150 |
| 1564 | 78 | 78 | 78 | 101 | 78 | 78 | 78 | 78 | 78 | 229 | 216 | 216 | 101 | 101 | 101 | 216 |
| 1565 | 150 | 150 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 150 |
| 1570 | 138 | 203 | 203 | 138 | 203 | 68 | 203 | 174 | 229 | 229 | 84 | 156 | 156 | 156 | 156 | 0 |
| 1571 | 110 | 110 | 110 | 203 | 203 | 203 | 203 | 110 | 110 | 110 | 110 | 110 | 9 | 33 | 9 | 9 |
| 1572 | 110 | 110 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 110 | 0 |
| 1573 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 216 | 231 | 231 | 231 | 231 | 231 |
| 1574 | 223 | 223 | 223 | 0 | 223 | 0 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 0 | 0 |
| 1580 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1581 | 174 | 174 | 33 | 0 | 33 | 174 | 174 | 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1582 | 10 | 33 | 10 | 10 | 10 | 33 | 110 | 10 | 10 | 10 | 10 | 33 | 228 | 10 | 10 | 10 |
| 1587 | 138 | 138 | 138 | 138 | 138 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 1588 | 0 | 0 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 101 | 216 | 101 | 0 |
| 1590 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 216 | 216 | 0 | 0 |
| 1594 | 138 | 138 | 138 | 138 | 138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 174 | 0 |
| 1595 | 33 | 33 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 110 |
| 1599 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 228 | 228 | 0 |

## APPENDIX C2: Country Pattern, Original Commodities, 1966–80.

**Original FAO commodities**

| commodity | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 228 | 228 | 9 | 9 | 10 | 10 | 10 | 231 |
| 16 | 78 | 78 | 78 | 203 | 203 | 78 | 78 | 10 | 228 | 228 | 228 | 9 | 228 | 84 | 84 | 150 |
| 17 | 9 | 9 | 9 | 21 | 10 | 59 | 9 | 165 | 165 | 159 | 9 | 33 | 9 | 33 | 9 | 33 |
| 18 | 216 | 216 | 216 | 106 | 106 | 106 | 106 | 106 | 203 | 84 | 106 | 106 | 216 | 216 | 84 | 216 |
| 20 | 150 | 150 | 150 | 33 | 33 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 97 | 97 | 97 | 78 |
| 22 | 150 | 150 | 150 | 150 | 150 | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 231 | 231 | 231 | 231 |
| 23 | 210 | 210 | 210 | 150 | 150 | 150 | 150 | 150 | 78 | 78 | 150 | 150 | 78 | 150 | 150 | 0 |
| 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 78 | 11 | 11 | 0 |
| 27 | 203 | 10 | 106 | 10 | 10 | 27 | 203 | 106 | 106 | 106 | 216 | 216 | 21 | 231 | 84 | 231 |
| 28 | 216 | 231 | 21 | 21 | 21 | 216 | 216 | 110 | 110 | 106 | 216 | 216 | 10 | 110 | 10 | 10 |
| 31 | 216 | 216 | 216 | 216 | 106 | 216 | 216 | 165 | 165 | 216 | 216 | 21 | 10 | 216 | 10 | 216 |
| 32 | 10 | 10 | 10 | 10 | 10 | 10 | 59 | 10 | 10 | 59 | 10 | 231 | 10 | 231 | 10 | 10 |
| 34 | 150 | 150 | 150 | 150 | 150 | 150 | 229 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| 35 | 101 | 101 | 101 | 9 | 21 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 9 | 9 | 231 |
| 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 0 | 21 | 216 | 216 | 216 | 0 | 0 | 0 |
| 37 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 |
| 41 | 10 | 104 | 104 | 104 | 104 | 104 | 104 | 33 | 21 | 21 | 21 | 150 | 33 | 33 | 33 | 33 |
| 44 | 10 | 231 | 33 | 203 | 231 | 33 | 231 | 10 | 228 | 33 | 231 | 231 | 33 | 10 | 33 | 33 |
| 46 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 165 | 78 | 78 | 78 | 78 | 78 |
| 49 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 51 | 10 | 68 | 51 | 51 | 33 | 10 | 10 |
| 50 | 54 | 229 | 229 | 10 | 229 | 229 | 231 | 229 | 231 | 10 | 229 | 100 | 68 | 156 | 231 | 156 |
| 51 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 |
| 56 | 9 | 9 | 21 | 9 | 9 | 9 | 216 | 231 | 9 | 231 | 216 | 9 | 9 | 9 | 9 | 231 |
| 58 | 68 | 78 | 78 | 78 | 216 | 216 | 216 | 78 | 78 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |
| 59 | 114 | 114 | 114 | 114 | 21 | 114 | 114 | 114 | 114 | 21 | 114 | 21 | 21 | 21 | 114 | 68 |
| 60 | 15 | 68 | 68 | 150 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 15 | 231 | 231 | 231 |
| 61 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 | 78 | 78 | 0 |
| 64 | 68 | 78 | 150 | 150 | 150 | 150 | 68 | 150 | 150 | 68 | 68 | 68 | 78 | 78 | 68 | 68 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 0 |
| 71 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 210 | 9 | 33 | 33 | 223 | 223 | 78 | 9 | 231 |
| 72 | 228 | 228 | 106 | 228 | 228 | 228 | 228 | 78 | 78 | 78 | 78 | 54 | 54 | 54 | 231 | 231 |
| 75 | 9 | 9 | 9 | 9 | 203 | 33 | 210 | 210 | 228 | 10 | 33 | 33 | 33 | 9 | 9 | 33 |
| 76 | 10 | 78 | 9 | 9 | 9 | 9 | 78 | 78 | 21 | 9 | 9 | 21 | 9 | 9 | 9 | 231 |
| 79 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| 80 | 228 | 228 | 228 | 114 | 228 | 228 | 114 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| 83 | 9 | 9 | 138 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| 84 | 150 | 150 | 165 | 150 | 150 | 150 | 150 | 165 | 150 | 165 | 165 | 150 | 150 | 165 | 165 | 150 |
| 85 | 9 | 9 | 9 | 9 | 165 | 165 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 |
| 89 | 21 | 33 | 21 | 21 | 21 | 21 | 21 | 21 | 33 | 21 | 21 | 33 | 231 | 33 | 33 | 33 |
| 90 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| 101 | 9 | 10 | 10 | 138 | 9 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 |
| 103 | 229 | 68 | 68 | 68 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 68 | 229 | 15 | 84 | 68 |
| 104 | 33 | 229 | 33 | 15 | 78 | 33 | 15 | 15 | 229 | 229 | 229 | 229 | 68 | 68 | 15 | 33 |
| 105 | 33 | 78 | 33 | 33 | 33 | 33 | 33 | 68 | 68 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 108 | 27 | 9 | 9 | 101 | 9 | 101 | 101 | 101 | 101 | 101 | 101 | 9 | 101 | 33 | 33 | 33 |
| 109 | 173 | 173 | 150 | 150 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
| 110 | 229 | 150 | 229 | 110 | 229 | 110 | 150 | 229 | 150 | 229 | 110 | 216 | 216 | 150 | 150 | 150 |
| 111 | 9 | 9 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 101 | 97 | 97 | 231 | 231 | 231 | 231 |
| 112 | 106 | 106 | 104 | 101 | 101 | 101 | 229 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 231 |
| 113 | 150 | 150 | 150 | 150 | 150 | 68 | 68 | 78 | 15 | 150 | 150 | 231 | 231 | 68 | 231 | 78 |
| 116 | 173 | 97 | 173 | 15 | 173 | 15 | 173 | 173 | 173 | 173 | 231 | 15 | 15 | 15 | 15 | 33 |
| 117 | 229 | 78 | 54 | 54 | 54 | 54 | 54 | 54 | 104 | 54 | 231 | 231 | 231 | 231 | 231 | 231 |
| 119 | 228 | 228 | 228 | 228 | 228 | 228 | 150 | 150 | 228 | 228 | 228 | 228 | 150 | 228 | 54 | 54 |
| 121 | 21 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 11 | 150 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 122 | 203 | 203 | 203 | 203 | 216 | 203 | 59 | 223 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| 126 | 101 | 101 | 216 | 101 | 101 | 21 | 216 | 21 | 101 | 21 | 216 | 216 | 216 | 216 | 216 | 0 |
| 127 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 101 | 101 | 15 | 15 | 101 | 21 | 68 |
| 128 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 216 |
| 129 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 216 | 21 | 216 | 21 | 21 | 68 |
| 136 | 0 | 0 | 0 | 0 | 0 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 0 | 0 | 0 |
| 137 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
| 149 | 150 | 114 | 150 | 150 | 150 | 150 | 78 | 15 | 15 | 15 | 15 | 101 | 150 | 150 | 15 | 150 |
| 150 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 68 | 15 | 101 | 15 | 0 | 0 |
| 156 | 100 | 0 | 0 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 |
| 157 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 15 | 97 | 15 | 68 | 15 | 15 | 15 | 78 |
| 162 | 100 | 173 | 173 | 10 | 173 | 216 | 10 | 10 | 10 | 10 | 21 | 9 | 9 | 9 | 216 | 216 |
| 163 | 100 | 114 | 114 | 114 | 100 | 114 | 114 | 114 | 114 | 114 | 114 | 100 | 100 | 114 | 114 | 0 |
| 164 | 51 | 51 | 51 | 51 | 51 | 165 | 77 | 77 | 150 | 231 | 21 | 21 | 21 | 21 | 100 | 150 |
| 165 | 101 | 101 | 138 | 101 | 10 | 10 | 10 | 138 | 165 | 10 | 10 | 138 | 138 | 138 | 138 | 216 |
| 167 | 27 | 138 | 10 | 10 | 15 | 10 | 10 | 10 | 138 | 78 | 106 | 106 | 106 | 21 | 106 | 106 |
| 168 | 27 | 27 | 27 | 27 | 27 | 68 | 68 | 173 | 183 | 21 | 68 | 68 | 68 | 21 | 21 | 77 |
| 169 | 68 | 15 | 68 | 68 | 68 | 68 | 68 | 68 | 97 | 15 | 15 | 15 | 15 | 15 | 15 | 97 |
| 170 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 78 | 78 | 78 | 78 | 78 | 11 |
| 171 | 15 | 173 | 229 | 229 | 15 | 229 | 229 | 229 | 216 | 101 | 68 | 101 | 97 | 97 | 97 | 97 |
| 176 | 216 | 216 | 21 | 21 | 216 | 216 | 216 | 216 | 216 | 216 | 9 | 138 | 33 | 33 | 216 | 216 |
| 181 | 10 | 223 | 54 | 0 | 223 | 223 | 223 | 54 | 223 | 223 | 223 | 138 | 223 | 15 | 223 | 68 |
| 187 | 183 | 183 | 183 | 228 | 183 | 183 | 54 | 156 | 97 | 33 | 9 | 9 | 9 | 33 | 33 | 33 |
| 191 | 223 | 223 | 223 | 223 | 223 | 100 | 138 | 223 | 223 | 84 | 9 | 138 | 138 | 203 | 203 | 203 |
| 197 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 |
| 201 | 223 | 223 | 223 | 223 | 223 | 228 | 231 | 203 | 138 | 9 | 9 | 223 | 223 | 223 | 223 | 68 |
| 205 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 210 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 0 |
| 211 | 229 | 101 | 229 | 101 | 101 | 101 | 101 | 216 | 216 | 229 | 229 | 229 | 229 | 229 | 229 | 216 |
| 212 | 68 | 10 | 68 | 68 | 10 | 10 | 10 | 68 | 68 | 78 | 15 | 15 | 68 | 68 | 68 | 68 |
| 216 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 78 | 21 | 21 | 21 | 21 | 21 | 78 | 78 |
| 217 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 150 |
| 220 | 174 | 174 | 223 | 223 | 174 | 174 | 174 | 223 | 174 | 174 | 174 | 174 | 174 | 174 | 223 | 203 |
| 221 | 174 | 174 | 174 | 174 | 231 | 174 | 231 | 223 | 231 | 231 | 174 | 174 | 174 | 231 | 231 | 231 |
| 222 | 183 | 183 | 27 | 183 | 183 | 183 | 100 | 106 | 231 | 231 | 100 | 231 | 106 | 223 | 223 | 231 |
| 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 15 | 223 | 223 | 106 |
| 225 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 223 | 223 | 231 |
| 230 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 0 |
| 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
| 232 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
| 233 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
| 234 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 106 | 159 | 101 | 216 | 159 | 216 |
| 236 | 231 | 21 | 231 | 21 | 231 | 231 | 21 | 231 | 21 | 21 | 231 | 231 | 9 | 9 | 21 | 231 |
| 237 | 54 | 54 | 54 | 203 | 203 | 203 | 21 | 203 | 231 | 21 | 21 | 21 | 21 | 21 | 203 | 203 |
| 238 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 231 | 21 | 21 | 231 | 21 | 21 | 21 | 231 | 231 |
| 242 | 216 | 101 | 101 | 101 | 101 | 138 | 231 | 59 | 216 | 9 | 138 | 101 | 138 | 216 | 21 | 216 |
| 243 | 159 | 159 | 159 | 159 | 101 | 101 | 21 | 101 | 159 | 100 | 100 | 9 | 9 | 9 | 9 | 231 |
| 244 | 9 | 21 | 9 | 9 | 9 | 9 | 21 | 159 | 159 | 21 | 9 | 9 | 9 | 9 | 231 | 231 |
| 245 | 21 | 21 | 21 | 21 | 21 | 100 | 21 | 21 | 21 | 21 | 21 | 9 | 21 | 21 | 21 | 150 |
| 249 | 216 | 114 | 21 | 114 | 159 | 159 | 159 | 159 | 159 | 216 | 138 | 216 | 138 | 216 | 216 | 216 |
| 250 | 150 | 54 | 150 | 78 | 78 | 150 | 100 | 100 | 21 | 150 | 150 | 229 | 150 | 101 | 150 | 150 |
| 251 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 150 | 68 | 0 | 0 |
| 252 | 150 | 150 | 101 | 101 | 101 | 231 | 101 | 101 | 231 | 101 | 101 | 231 | 231 | 101 | 231 | 78 |
| 253 | 101 | 101 | 101 | 101 | 101 | 216 | 216 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 256 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 0 |
| 257 | 101 | 101 | 101 | 101 | 159 | 101 | 101 | 101 | 101 | 159 | 101 | 101 | 101 | 101 | 101 | 54 |
| 258 | 110 | 159 | 229 | 21 | 21 | 110 | 159 | 159 | 101 | 101 | 101 | 159 | 159 | 159 | 101 | 54 |
| 259 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 78 |
| 260 | 223 | 223 | 174 | 174 | 174 | 174 | 68 | 174 | 223 | 174 | 223 | 223 | 223 | 223 | 223 | 68 |
| 261 | 223 | 223 | 174 | 223 | 203 | 203 | 9 | 223 | 223 | 9 | 84 | 223 | 223 | 223 | 203 | 203 |

| 262 | 9 | 9 | 174 | 9 | 9 | 174 | 9 | 174 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 84 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 263 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 0 |
| 265 | 216 | 216 | 165 | 114 | 216 | 101 | 101 | 101 | 101 | 101 | 165 | 165 | 165 | 114 | 165 | 0 |
| 266 | 21 | 110 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 100 | 21 | 21 | 21 | 21 | 100 | 78 |
| 267 | 228 | 228 | 97 | 228 | 228 | 33 | 10 | 10 | 228 | 231 | 10 | 33 | 9 | 33 | 33 | 33 |
| 268 | 9 | 9 | 97 | 97 | 9 | 9 | 27 | 231 | 27 | 183 | 9 | 228 | 9 | 231 | 231 | 231 |
| 269 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 78 | 78 | 174 | 78 | 231 |
| 270 | 33 | 210 | 33 | 173 | 33 | 33 | 33 | 210 | 210 | 173 | 210 | 210 | 33 | 33 | 33 | 210 |
| 271 | 110 | 173 | 173 | 173 | 173 | 173 | 173 | 33 | 33 | 173 | 68 | 173 | 173 | 173 | 173 | 33 |
| 272 | 165 | 106 | 106 | 106 | 78 | 33 | 106 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 51 | 78 |
| 273 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 |
| 274 | 84 | 84 | 203 | 84 | 84 | 203 | 84 | 203 | 84 | 203 | 203 | 84 | 84 | 84 | 84 | 84 |
| 276 | 9 | 9 | 9 | 9 | 21 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 150 | 150 |
| 280 | 138 | 231 | 231 | 231 | 231 | 231 | 231 | 138 | 231 | 138 | 100 | 231 | 231 | 231 | 231 | 231 |
| 281 | 100 | 0 | 0 | 0 | 174 | 174 | 174 | 174 | 174 | 0 | 100 | 0 | 0 | 10 | 10 | 0 |
| 282 | 0 | 0 | 0 | 138 | 138 | 138 | 138 | 138 | 138 | 100 | 138 | 100 | 0 | 174 | 0 | 0 |
| 289 | 101 | 101 | 101 | 21 | 114 | 216 | 101 | 101 | 101 | 101 | 100 | 101 | 159 | 100 | 138 | 216 |
| 290 | 110 | 138 | 138 | 110 | 229 | 229 | 229 | 54 | 229 | 78 | 100 | 54 | 84 | 110 | 84 | 110 |
| 291 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 165 | 100 | 54 | 100 | 100 | 100 | 106 | 106 | 106 |
| 292 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 15 | 33 | 68 | 33 | 231 | 231 | 231 | 231 |
| 293 | 100 | 100 | 100 | 100 | 210 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 |
| 296 | 223 | 97 | 68 | 165 | 97 | 27 | 97 | 100 | 165 | 100 | 100 | 100 | 223 | 68 | 223 | 150 |
| 299 | 159 | 159 | 159 | 159 | 159 | 159 | 27 | 159 | 159 | 159 | 27 | 27 | 0 | 0 | 0 | 0 |
| 329 | 216 | 27 | 27 | 228 | 159 | 216 | 216 | 216 | 159 | 10 | 228 | 159 | 159 | 216 | 216 | 216 |
| 331 | 228 | 9 | 9 | 231 | 228 | 228 | 231 | 231 | 228 | 228 | 21 | 231 | 9 | 231 | 231 | 231 |
| 332 | 21 | 21 | 21 | 21 | 21 | 59 | 21 | 165 | 21 | 100 | 165 | 9 | 9 | 9 | 21 | 231 |
| 333 | 33 | 33 | 231 | 231 | 231 | 33 | 33 | 78 | 33 | 231 | 231 | 9 | 9 | 33 | 33 | 33 |
| 334 | 9 | 9 | 9 | 231 | 9 | 231 | 9 | 9 | 9 | 9 | 231 | 9 | 9 | 9 | 9 | 33 |
| 335 | 9 | 9 | 100 | 231 | 231 | 231 | 100 | 9 | 231 | 100 | 100 | 231 | 231 | 231 | 231 | 231 |
| 336 | 223 | 223 | 223 | 223 | 15 | 78 | 15 | 165 | 68 | 68 | 68 | 78 | 15 | 68 | 150 | 78 |
| 338 | 0 | 0 | 0 | 0 | 228 | 228 | 228 | 228 | 228 | 228 | 0 | 0 | 0 | 0 | 0 | 0 |
| 339 | 101 | 101 | 216 | 101 | 101 | 101 | 33 | 101 | 101 | 101 | 101 | 68 | 216 | 101 | 101 | 216 |
| 340 | 159 | 100 | 100 | 27 | 100 | 100 | 21 | 100 | 100 | 100 | 33 | 231 | 231 | 33 | 231 | 231 |
| 341 | 68 | 54 | 165 | 223 | 54 | 174 | 216 | 231 | 54 | 106 | 54 | 54 | 54 | 203 | 54 | 54 |
| 343 | 165 | 165 | 165 | 165 | 165 | 10 | 165 | 10 | 231 | 165 | 10 | 203 | 203 | 10 | 203 | 106 |
| 358 | 97 | 173 | 101 | 101 | 231 | 101 | 78 | 101 | 101 | 101 | 101 | 138 | 138 | 138 | 138 | 78 |
| 366 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 59 | 203 | 203 | 203 | 203 | 203 | 203 | 106 | 106 |
| 367 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 372 | 231 | 231 | 203 | 231 | 231 | 203 | 231 | 203 | 203 | 231 | 231 | 231 | 203 | 231 | 231 | 231 |
| 373 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 388 | 97 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 390 | 106 | 106 | 106 | 203 | 203 | 203 | 106 | 106 | 106 | 15 | 106 | 106 | 106 | 106 | 106 | 106 |
| 391 | 27 | 183 | 183 | 183 | 183 | 183 | 138 | 138 | 183 | 138 | 138 | 138 | 27 | 27 | 27 | 27 |
| 392 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 9 | 9 | 27 | 9 | 9 | 9 | 9 | 9 | 27 |
| 393 | 106 | 27 | 27 | 27 | 27 | 27 | 27 | 106 | 27 | 27 | 106 | 27 | 106 | 106 | 106 | 106 |
| 394 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 0 |
| 397 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 399 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 106 |
| 401 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 27 | 27 | 203 | 203 | 231 | 231 | 231 |
| 402 | 27 | 27 | 138 | 138 | 138 | 27 | 27 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 68 |
| 403 | 203 | 203 | 203 | 203 | 203 | 100 | 203 | 203 | 203 | 100 | 203 | 203 | 203 | 203 | 156 | 156 |
| 406 | 138 | 138 | 100 | 100 | 100 | 27 | 100 | 138 | 138 | 138 | 100 | 138 | 138 | 138 | 138 | 231 |
| 414 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 59 | 138 | 138 | 138 | 138 | 138 | 150 |
| 417 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 138 | 138 | 138 | 138 | 97 |
| 420 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 |
| 423 | 0 | 0 | 0 | 0 | 0 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 150 | 223 | 0 |
| 426 | 33 | 231 | 138 | 33 | 15 | 15 | 173 | 15 | 15 | 15 | 33 | 15 | 15 | 15 | 15 | 33 |
| 446 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 |
| 449 | 54 | 54 | 104 | 54 | 54 | 54 | 54 | 54 | 54 | 104 | 104 | 104 | 104 | 104 | 104 | 104 |
| 459 | 228 | 228 | 228 | 228 | 51 | 228 | 228 | 228 | 228 | 173 | 100 | 150 | 173 | 173 | 150 | 0 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 460 | 203 | 84 | 84 | 203 | 84 | 84 | 84 | 203 | 84 | 84 | 203 | 203 | 203 | 203 | 203 | 203 |
| 461 | 78 | 78 | 78 | 78 | 78 | 78 | 15 | 78 | 15 | 15 | 15 | 78 | 15 | 15 | 78 | 78 |
| 463 | 33 | 33 | 33 | 33 | 33 | 33 | 51 | 51 | 51 | 138 | 138 | 138 | 33 | 33 | 15 | 216 |
| 464 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 0 |
| 465 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 27 |
| 466 | 110 | 110 | 110 | 110 | 110 | 110 | 231 | 110 | 231 | 101 | 231 | 231 | 231 | 231 | 231 | 231 |
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 1110 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 174 | 68 | 68 | 203 | 229 | 203 | 15 | 203 | 203 |
| 1126 | 0 | 0 | 0 | 0 | 0 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 0 | 0 | 0 | 0 |
| 1140 | 27 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 1141 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 27 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1163 | 173 | 173 | 156 | 156 | 150 | 173 | 150 | 231 | 15 | 150 | 231 | 231 | 15 | 15 | 231 | 231 |
| 1164 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| 1166 | 33 | 110 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 9 | 9 | 9 | 228 |
| 1167 | 68 | 156 | 156 | 138 | 138 | 138 | 138 | 68 | 106 | 78 | 106 | 78 | 138 | 138 | 138 | 68 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1168 | 104 | 104 | 15 | 78 | 33 | 33 | 54 | 78 | 78 | 183 | 183 | 183 | 11 | 11 | 11 | 11 |
| 1171 | 97 | 97 | 229 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 229 | 97 | 97 | 97 | 97 |
| 1172 | 33 | 156 | 156 | 156 | 9 | 228 | 9 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| 1173 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 104 | 33 | 156 | 9 | 9 | 9 | 9 | 10 |
| 1174 | 216 | 54 | 150 | 228 | 216 | 216 | 165 | 165 | 216 | 33 | 216 | 216 | 228 | 228 | 216 | 216 |
| 1175 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 |
| 1182 | 138 | 9 | 138 | 138 | 138 | 138 | 138 | 228 | 228 | 138 | 138 | 138 | 138 | 138 | 138 | 228 |
| 1183 | 9 | 138 | 156 | 138 | 138 | 138 | 138 | 138 | 27 | 138 | 138 | 138 | 101 | 101 | 156 | 156 |
| 1185 | 110 | 100 | 106 | 223 | 106 | 106 | 15 | 15 | 100 | 100 | 100 | 203 | 100 | 15 | 68 | 0 |
| 1186 | 228 | 228 | 228 | 228 | 228 | 110 | 110 | 228 | 110 | 110 | 228 | 228 | 228 | 231 | 228 | 228 |
| 1187 | 100 | 100 | 100 | 15 | 100 | 100 | 100 | 223 | 223 | 100 | 100 | 100 | 100 | 100 | 21 | 110 |
| 1195 | 68 | 68 | 68 | 97 | 97 | 68 | 68 | 68 | 68 | 97 | 203 | 97 | 9 | 203 | 9 | 106 |
| 1213 | 110 | 110 | 110 | 173 | 110 | 173 | 104 | 229 | 138 | 138 | 138 | 114 | 229 | 229 | 229 | 11 |
| 1214 | 68 | 68 | 68 | 68 | 106 | 68 | 68 | 68 | 68 | 68 | 106 | 68 | 68 | 68 | 68 | 68 |
| 1215 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 1216 | 210 | 210 | 54 | 15 | 210 | 54 | 54 | 54 | 210 | 54 | 54 | 54 | 84 | 54 | 210 | 210 |
| 1217 | 210 | 54 | 51 | 11 | 11 | 104 | 11 | 210 | 210 | 54 | 54 | 54 | 11 | 11 | 11 | 54 |
| 1218 | 84 | 84 | 97 | 84 | 84 | 97 | 231 | 231 | 231 | 231 | 84 | 84 | 223 | 150 | 223 | 231 |
| 1219 | 210 | 100 | 33 | 210 | 210 | 210 | 100 | 165 | 165 | 100 | 165 | 100 | 100 | 165 | 165 | 150 |
| 1221 | 9 | 9 | 156 | 156 | 156 | 156 | 229 | 10 | 10 | 10 | 9 | 9 | 9 | 10 | 150 | 231 |
| 1222 | 106 | 15 | 15 | 68 | 229 | 229 | 68 | 229 | 229 | 229 | 15 | 15 | 106 | 106 | 68 | 68 |
| 1223 | 174 | 174 | 174 | 33 | 33 | 231 | 54 | 174 | 231 | 110 | 54 | 33 | 110 | 110 | 110 | 110 |
| 1225 | 33 | 33 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 33 | 156 | 156 | 156 | 156 | 33 | 33 |
| 1232 | 15 | 54 | 54 | 54 | 15 | 68 | 15 | 15 | 51 | 51 | 106 | 68 | 68 | 106 | 106 | 54 |
| 1242 | 104 | 104 | 104 | 15 | 104 | 104 | 15 | 51 | 110 | 97 | 15 | 15 | 228 | 15 | 15 | 110 |
| 1243 | 150 | 150 | 150 | 110 | 110 | 150 | 150 | 150 | 150 | 78 | 150 | 228 | 228 | 228 | 78 | 78 |
| 1259 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 156 | 0 |
| 1274 | 33 | 173 | 9 | 33 | 9 | 9 | 9 | 9 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 1275 | 210 | 210 | 78 | 210 | 210 | 210 | 78 | 15 | 15 | 78 | 15 | 15 | 78 | 15 | 78 | 231 |
| 1276 | 106 | 106 | 106 | 106 | 106 | 15 | 54 | 106 | 110 | 54 | 9 | 68 | 68 | 9 | 68 | 68 |
| 1277 | 210 | 210 | 210 | 210 | 210 | 210 | 15 | 210 | 210 | 15 | 15 | 15 | 15 | 150 | 150 | 106 |
| 1293 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 229 | 229 | 229 | 229 | 229 | 0 | 0 |
| 1295 | 203 | 110 | 229 | 110 | 229 | 229 | 15 | 106 | 150 | 15 | 150 | 229 | 229 | 229 | 229 | 110 |
| 1296 | 21 | 21 | 229 | 229 | 21 | 21 | 21 | 21 | 138 | 78 | 78 | 78 | 231 | 231 | 78 | 78 |
| 1501 | 97 | 97 | 33 | 33 | 97 | 68 | 97 | 97 | 97 | 33 | 97 | 97 | 97 | 97 | 97 | 210 |
| 1502 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 33 | 110 | 110 | 33 | 33 | 33 | 231 | 231 |
| 1503 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 0 |
| 1504 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 138 | 33 | 33 | 33 | 0 |
| 1505 | 33 | 33 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 33 | 33 | 114 | 114 | 114 | 231 |
| 1506 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| 1507 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 84 | 84 | 33 | 68 | 228 |
| 1508 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1509 | 9 | 9 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1511 | 165 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1514 | 229 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 210 |
| 1515 | 228 | 228 | 228 | 228 | 228 | 228 | 27 | 27 | 228 | 228 | 27 | 228 | 228 | 228 | 228 | 228 |
| 1516 | 15 | 15 | 54 | 54 | 78 | 78 | 54 | 78 | 68 | 54 | 54 | 229 | 68 | 104 | 104 | 150 |
| 1517 | 78 | 33 | 173 | 173 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1518 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 203 |
| 1519 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 10 | 10 | 68 | 78 | 203 | 78 | 156 | 54 | 0 |
| 1520 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 84 | 84 | 54 | 54 | 216 | 54 | 54 | 54 | 0 |
| 1521 | 54 | 54 | 54 | 165 | 165 | 165 | 165 | 228 | 165 | 165 | 165 | 165 | 228 | 228 | 228 | 228 |
| 1522 | 9 | 9 | 15 | 9 | 33 | 9 | 15 | 9 | 15 | 15 | 15 | 33 | 15 | 9 | 15 | 0 |
| 1523 | 173 | 174 | 174 | 174 | 174 | 174 | 223 | 223 | 228 | 174 | 15 | 101 | 174 | 54 | 54 | 228 |
| 1524 | 165 | 165 | 165 | 33 | 33 | 33 | 165 | 165 | 165 | 165 | 33 | 33 | 33 | 33 | 33 | 0 |
| 1527 | 33 | 229 | 210 | 229 | 210 | 33 | 33 | 33 | 33 | 33 | 216 | 229 | 229 | 229 | 229 | 216 |
| 1528 | 210 | 210 | 210 | 54 | 54 | 106 | 229 | 27 | 106 | 27 | 27 | 27 | 27 | 27 | 27 | 150 |
| 1529 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 0 |
| 1530 | 54 | 54 | 210 | 54 | 54 | 54 | 210 | 33 | 54 | 33 | 33 | 33 | 229 | 156 | 229 | 0 |
| 1531 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 229 | 100 | 100 | 100 | 100 | 100 | 216 |

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1532  229 110 150 110 110 110 110 110 110 110 110 228 228 110 110 110
1533   33  33  33  33  33  33  33  33  33  33  33  78  78  78  78   0
1534  229 229 229 229 150 231 231 231 231 231  33 231 165 165  15 150
1535  210 174 210  33  33 231  54 174 231 231  33  33 110 110 110 110
1537  165 174 165 174 174 174 174 174 174 174 174  21  21 174 174   0
1540   54  54 101 101 101 101 101 101 101 101 101 101 101 210 210 210
1541  106  77 173 173  27  27  27  27  27  27  27  27  27  27  27  51
1542    0   0   0   0   0   0   0   0   0   0  15  15  78  78  78   0
1543    0   0   0   0   0   0   0   0   0 210  78  78  78  78  78   0
1544    0   0 101   0   0   0 101 101 101 101 101 101 101 101 101   0
1545  101 101 101 101 101 101 101 101 101 210  15  15  15  15   0   0
1546    0   0   0   0   0   0   0   0   0   0 101  78  78  78  78   0
1547  216 216 216 216 216 216 165 216 165 165 216 216 216 216 216 216
1548  138 138 138   0   0   0  77  97  97   0   0   0  59  10   0   0
1553   97  97 101 101  78 101 101 101  78  78 159  68  68 216  68  68
1554  228 228 100 100 228 100 100 228 100 100  54  54  54  54  54 231
1555  101 101 101 101 101 101 101 101 101 101 101 101 101 101 101 110
1556  165 165 165 165 165 165 165 223 223 165 223 223 165 223 165 231
1557    0   0 101 101 101 101 101 101 101 216 101 216 216 216 101   0
1558    0   0 165 165 165 165 165 165 165 165   0  11  11  11   0   0
1559  165 165 101 101 101 101 101 101 165   0   0 216 216 216 110   0
1562   54  54  54  54  54  54 106 106  78 106  54  78  78  54  54 203
1563  150 150 150 150 150 150 150 150 150 150 150 150 150  78 150 150
1564   78  78  78 101  78  78  78  78  78 229 216 216 101 101 101 216
1565  150 150  54  54  54  54  54  54  54  54  54  54  54  54  54 150
1570  138 203 203 138 203  68 203 174 229 229  84 156 156 156 156   0
1571  110 110 110 203 203 203 203 110 110 110 110 110   9  33   9   9
1572  110 110 216 216 216 216 216 216 216 216 216 216 216 216 110   0
1573  231 231 231 231 231 231 231 231 231 231 216 231 231 231 231 231
1574  223 223 223   0 223   0 216 216 216 216 216 216 216 216   0   0
1580   33  33  33  33  33  33  33  33   0   0   0   0   0   0   0   0
1581  174 174  33   0  33 174 174 174   0   0   0   0   0   0   0   0
1582   10  33  10  10  10  33 110  10  10  10  10  33 228  10  10  10
1587  138 138 138 138 138 100 100 100 100 100 100 100 100 100 100   0
1588    0   0 101 101 101 101 101 101 101 216 101 101 101 216 101   0
1590    0   0   0   0   0   0   0   0   0   0   0 216 216 216   0   0
1594  138 138 138 138 138   0   0   0   0   0   0   0   0   0 174   0
1595   33  33 101 101 101 101 101 101 101 101 101 101 101 101 101 110
1599    0   0   0   0   0   0   0   0   0   0   0   0   9 228 228   0
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APPENDIX C3: Country Pattern, Aggregate Commodities, 1961–76.

Aggregated commodities

| commodity | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 228 | 228 | 9 | 9 | 10 | 10 | 9 | 231 |
| 27 | 21 | 216 | 216 | 216 | 216 | 216 | 216 | 165 | 110 | 216 | 216 | 100 | 10 | 100 | 100 | 216 |
| 44 | 228 | 231 | 228 | 33 | 231 | 33 | 231 | 10 | 228 | 228 | 231 | 231 | 33 | 10 | 10 | 33 |
| 51 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 |
| 56 | 9 | 9 | 21 | 9 | 9 | 9 | 216 | 231 | 9 | 216 | 216 | 9 | 9 | 9 | 9 | 231 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 0 |
| 71 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 210 | 9 | 78 | 33 | 223 | 223 | 78 | 9 | 231 |
| 75 | 9 | 9 | 9 | 9 | 203 | 33 | 78 | 210 | 228 | 10 | 9 | 9 | 33 | 9 | 9 | 33 |
| 79 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 228 |
| 83 | 9 | 9 | 138 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| 89 | 21 | 33 | 21 | 21 | 21 | 21 | 21 | 21 | 33 | 21 | 21 | 33 | 231 | 33 | 33 | 33 |
| 101 | 9 | 10 | 10 | 138 | 9 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 |
| 103 | 33 | 78 | 33 | 68 | 33 | 33 | 173 | 68 | 68 | 33 | 68 | 78 | 78 | 78 | 78 | 78 |
| 108 | 150 | 150 | 150 | 101 | 101 | 101 | 97 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 231 |
| 116 | 173 | 97 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 231 | 15 | 15 | 15 | 15 | 33 |
| 122 | 203 | 203 | 203 | 203 | 216 | 203 | 59 | 223 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| 125 | 101 | 101 | 21 | 101 | 101 | 21 | 21 | 21 | 101 | 21 | 101 | 216 | 15 | 101 | 216 | 68 |
| 136 | 0 | 0 | 0 | 0 | 0 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 0 | 0 | 0 |
| 137 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
| 149 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 68 | 15 | 101 | 15 | 101 | 150 |
| 164 | 100 | 51 | 173 | 10 | 51 | 10 | 10 | 10 | 10 | 138 | 21 | 21 | 216 | 216 | 216 | 216 |
| 176 | 216 | 216 | 21 | 21 | 216 | 216 | 216 | 216 | 216 | 216 | 9 | 138 | 33 | 33 | 216 | 216 |
| 181 | 10 | 223 | 54 | 0 | 223 | 223 | 223 | 54 | 223 | 223 | 223 | 138 | 223 | 15 | 223 | 68 |
| 187 | 228 | 97 | 228 | 228 | 156 | 228 | 54 | 156 | 97 | 33 | 9 | 9 | 9 | 33 | 33 | 33 |
| 191 | 223 | 223 | 223 | 223 | 223 | 100 | 138 | 223 | 223 | 84 | 9 | 138 | 138 | 203 | 203 | 203 |
| 197 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 |
| 201 | 223 | 223 | 223 | 223 | 223 | 228 | 231 | 203 | 138 | 9 | 9 | 223 | 223 | 223 | 223 | 203 |
| 205 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 210 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 0 |
| 211 | 229 | 101 | 229 | 101 | 101 | 101 | 101 | 216 | 216 | 229 | 15 | 229 | 229 | 216 | 216 | 216 |
| 216 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 78 | 21 | 21 | 21 | 21 | 21 | 78 | 78 |
| 217 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 150 |
| 220 | 174 | 174 | 223 | 223 | 174 | 174 | 174 | 223 | 174 | 174 | 174 | 174 | 174 | 174 | 223 | 203 |
| 221 | 174 | 174 | 174 | 174 | 231 | 174 | 231 | 223 | 231 | 231 | 174 | 174 | 231 | 231 | 231 | 231 |
| 222 | 100 | 100 | 27 | 106 | 231 | 231 | 100 | 106 | 231 | 231 | 100 | 231 | 106 | 223 | 223 | 231 |
| 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 15 | 223 | 223 | 78 |
| 225 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 223 | 223 | 231 |
| 234 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 106 | 159 | 101 | 216 | 159 | 216 |
| 237 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 21 | 21 | 231 | 231 | 9 | 9 | 231 | 231 |
| 238 | 231 | 21 | 231 | 21 | 21 | 231 | 231 | 231 | 21 | 21 | 231 | 21 | 9 | 9 | 231 | 231 |
| 244 | 9 | 9 | 9 | 9 | 101 | 9 | 21 | 159 | 159 | 68 | 9 | 9 | 9 | 9 | 21 | 78 |
| 245 | 21 | 21 | 21 | 21 | 21 | 100 | 100 | 100 | 9 | 100 | 100 | 9 | 100 | 100 | 100 | 68 |
| 252 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 101 | 101 | 231 | 231 | 101 | 231 | 231 |
| 253 | 101 | 101 | 101 | 101 | 101 | 216 | 216 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 257 | 101 | 101 | 101 | 101 | 159 | 101 | 101 | 101 | 101 | 159 | 101 | 101 | 101 | 101 | 101 | 54 |
| 258 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 159 | 101 | 159 | 101 | 101 | 54 |
| 259 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 78 |
| 261 | 223 | 223 | 106 | 223 | 203 | 68 | 68 | 223 | 223 | 84 | 106 | 223 | 223 | 223 | 106 | 106 |
| 263 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 0 |
| 266 | 21 | 110 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 100 | 21 | 21 | 21 | 21 | 100 | 78 |
| 268 | 9 | 9 | 9 | 97 | 9 | 9 | 231 | 9 | 228 | 231 | 9 | 231 | 9 | 231 | 231 | 231 |
| 269 | 9 | 9 | 9 | 9 | 9 | 228 | 231 | 228 | 228 | 228 | 231 | 231 | 231 | 231 | 231 | 231 |
| 271 | 33 | 173 | 33 | 33 | 33 | 33 | 33 | 210 | 210 | 173 | 68 | 33 | 33 | 33 | 173 | 33 |
| 272 | 33 | 173 | 210 | 210 | 33 | 33 | 210 | 165 | 165 | 51 | 165 | 165 | 165 | 33 | 33 | 33 |
| 276 | 9 | 9 | 9 | 9 | 21 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 150 | 150 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 281 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 138 | 231 | 138 | 100 | 231 | 231 | 231 | 231 | 231 |
| 282 | 231 | 231 | 231 | 231 | 231 | 138 | 100 | 138 | 138 | 138 | 100 | 138 | 231 | 231 | 231 | 231 |
| 290 | 101 | 101 | 101 | 159 | 229 | 216 | 101 | 101 | 101 | 101 | 100 | 101 | 159 | 138 | 138 | 216 |
| 291 | 101 | 101 | 101 | 159 | 21 | 216 | 101 | 101 | 101 | 216 | 216 | 101 | 159 | 138 | 138 | 216 |
| 293 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 15 | 33 | 68 | 33 | 231 | 231 | 231 | 231 |
| 297 | 223 | 97 | 68 | 165 | 97 | 27 | 97 | 100 | 165 | 100 | 100 | 100 | 223 | 68 | 223 | 150 |
| 298 | 223 | 97 | 68 | 165 | 97 | 27 | 97 | 100 | 165 | 100 | 100 | 100 | 223 | 68 | 223 | 150 |
| 299 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 27 | 159 | 159 | 27 | 27 | 0 | 0 | 0 | 0 |
| 331 | 159 | 9 | 9 | 216 | 159 | 228 | 159 | 231 | 228 | 228 | 228 | 228 | 9 | 231 | 231 | 231 |
| 332 | 21 | 21 | 216 | 216 | 159 | 59 | 159 | 165 | 21 | 228 | 165 | 9 | 216 | 216 | 21 | 231 |
| 334 | 9 | 9 | 9 | 231 | 33 | 33 | 9 | 9 | 9 | 9 | 231 | 231 | 9 | 33 | 9 | 68 |
| 335 | 33 | 9 | 231 | 231 | 33 | 33 | 33 | 9 | 231 | 231 | 100 | 231 | 231 | 33 | 231 | 33 |
| 337 | 223 | 223 | 223 | 223 | 15 | 68 | 15 | 165 | 223 | 68 | 68 | 203 | 15 | 68 | 150 | 78 |
| 338 | 223 | 223 | 223 | 223 | 228 | 228 | 228 | 165 | 228 | 228 | 68 | 203 | 15 | 68 | 150 | 78 |
| 340 | 216 | 101 | 100 | 27 | 100 | 100 | 21 | 21 | 21 | 21 | 33 | 231 | 231 | 33 | 231 | 231 |
| 341 | 68 | 101 | 165 | 223 | 101 | 174 | 33 | 101 | 203 | 203 | 54 | 54 | 54 | 203 | 54 | 54 |
| 343 | 165 | 165 | 165 | 165 | 165 | 10 | 165 | 10 | 231 | 165 | 10 | 203 | 203 | 10 | 203 | 106 |
| 358 | 97 | 173 | 101 | 101 | 231 | 101 | 78 | 101 | 101 | 101 | 101 | 138 | 138 | 138 | 138 | 78 |
| 366 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 59 | 203 | 203 | 203 | 203 | 203 | 203 | 106 | 106 |
| 367 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 372 | 231 | 231 | 203 | 231 | 231 | 203 | 231 | 203 | 203 | 231 | 231 | 231 | 203 | 231 | 23 r | 231 |
| 373 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 388 | 97 | 97 | 203 | 203 | 97 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 97 |
| 393 | 106 | 27 | 27 | 27 | 27 | 27 | 27 | 106 | 27 | 27 | 106 | 27 | 106 | 106 | 106 | 106 |
| 394 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 27 |
| 397 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 399 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 106 |
| 401 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 27 | 27 | 203 | 203 | 231 | 231 | 231 |
| 402 | 27 | 27 | 138 | 138 | 138 | 27 | 27 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 68 |
| 403 | 203 | 203 | 203 | 203 | 203 | 100 | 203 | 203 | 203 | 100 | 203 | 203 | 203 | 203 | 156 | 156 |
| 406 | 138 | 138 | 100 | 100 | 100 | 27 | 100 | 138 | 138 | 138 | 100 | 138 | 138 | 138 | 138 | 231 |
| 414 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 59 | 138 | 138 | 138 | 138 | 138 | 150 |
| 417 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 138 | 138 | 138 | 138 | 138 | 97 |
| 420 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 |
| 423 | 0 | 0 | 0 | 0 | 0 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 150 | 223 | 0 |
| 426 | 33 | 231 | 138 | 33 | 15 | 15 | 173 | 15 | 15 | 15 | 33 | 15 | 15 | 15 | 15 | 33 |
| 446 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 |
| 449 | 54 | 54 | 104 | 54 | 54 | 54 | 54 | 54 | 54 | 104 | 104 | 104 | 104 | 104 | 104 | 104 |
| 459 | 228 | 228 | 228 | 228 | 51 | 228 | 228 | 228 | 228 | 173 | 100 | 150 | 173 | 173 | 150 | 0 |
| 460 | 203 | 84 | 84 | 203 | 84 | 84 | 84 | 203 | 84 | 84 | 203 | 203 | 203 | 203 | 203 | 203 |
| 463 | 173 | 173 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| 486 | 21 | 21 | 21 | 21 | 21 | 21 | 216 | 216 | 216 | 216 | 216 | 138 | 138 | 216 | 216 | 216 |
| 489 | 159 | 159 | 159 | 159 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 490 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 59 |
| 495 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 497 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 106 | 106 | 84 | 84 | 9 | 223 | 84 |
| 507 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 15 | 231 | 231 | 231 | 9 | 231 | 138 | 138 | 231 |
| 512 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 10 | 231 | 231 | 231 | 231 |
| 515 | 106 | 27 | 68 | 27 | 27 | 97 | 97 | 10 | 97 | 10 | 106 | 97 | 97 | 97 | 97 | 97 |
| 517 | 97 | 68 | 68 | 68 | 68 | 68 | 68 | 106 | 68 | 68 | 68 | 68 | 165 | 68 | 68 | 68 |
| 521 | 150 | 106 | 150 | 106 | 106 | 68 | 68 | 97 | 203 | 106 | 203 | 231 | 231 | 231 | 231 | 231 |
| 523 | 183 | 183 | 183 | 183 | 203 | 183 | 203 | 203 | 183 | 183 | 183 | 183 | 27 | 183 | 27 | 106 |
| 526 | 165 | 203 | 203 | 203 | 203 | 231 | 203 | 203 | 203 | 203 | 203 | 203 | 203 | 84 | 97 | 84 |
| 530 | 97 | 84 | 84 | 84 | 84 | 97 | 97 | 97 | 97 | 97 | 97 | 11 | 97 | 97 | 97 | 97 |
| 531 | 203 | 183 | 183 | 183 | 183 | 183 | 97 | 183 | 183 | 183 | 68 | 183 | 183 | 183 | 183 | 78 |
| 534 | 84 | 84 | 84 | 84 | 84 | 27 | 84 | 203 | 203 | 27 | 203 | 231 | 203 | 231 | 231 | 231 |
| 536 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 203 | 203 | 183 | 9 | 183 | 183 | 183 | 183 | 97 |
| 541 | 51 | 51 | 223 | 51 | 68 | 51 | 51 | 51 | 51 | 51 | 51 | 138 | 78 | 106 | 51 | 106 |
| 544 | 173 | 173 | 138 | 138 | 138 | 51 | 138 | 138 | 138 | 51 | 138 | 138 | 138 | 138 | 138 | 231 |
| 547 | 150 | 33 | 150 | 150 | 173 | 97 | 97 | 150 | 150 | 33 | 33 | 97 | 229 | 229 | 33 | 33 |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 549 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 229 | 97 | 97 | 97 | 97 | 97 |
| 550 | 78 | 150 | 15 | 15 | 173 | 15 | 15 | 78 | 173 | 173 | 229 | 78 | 15 | 173 | 11 | 78 |
| 552 | 173 | 33 | 173 | 33 | 33 | 33 | 33 | 106 | 33 | 33 | 33 | 33 | 231 | 231 | 231 | 231 |
| 554 | 173 | 173 | 78 | 173 | 173 | 78 | 78 | 78 | 78 | 229 | 229 | 78 | 229 | 78 | 78 | 78 |
| 558 | 104 | 104 | 104 | 15 | 104 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 560 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 10 | 27 | 223 | 223 | 10 | 223 | 223 | 223 | 27 |
| 564 | 84 | 84 | 84 | 84 | 84 | 84 | 106 | 84 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 |
| 567 | 27 | 97 | 97 | 27 | 27 | 27 | 27 | 27 | 97 | 231 | 138 | 138 | 138 | 138 | 138 | 97 |
| 568 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 138 | 183 | 183 | 138 | 183 | 84 |
| 569 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
| 571 | 59 | 59 | 59 | 138 | 138 | 165 | 165 | 165 | 165 | 165 | 138 | 138 | 138 | 138 | 138 | 59 |
| 572 | 21 | 21 | 21 | 229 | 68 | 21 | 106 | 21 | 106 | 138 | 210 | 138 | 231 | 231 | 231 | 231 |
| 574 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 577 | 229 | 229 | 229 | 231 | 229 | 229 | 229 | 231 | 231 | 59 | 229 | 231 | 231 | 231 | 231 | 231 |
| 603 | 216 | 101 | 165 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |
| 619 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 84 | 183 | 97 | 97 | 97 | 97 |
| 633 | 59 | 59 | 78 | 174 | 78 | 78 | 78 | 78 | 174 | 174 | 174 | 78 | 174 | 174 | 174 | 174 |
| 634 | 229 | 97 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 33 |
| 656 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 78 | 68 | 68 | 101 | 68 |
| 658 | 68 | 10 | 10 | 68 | 174 | 174 | 174 | 174 | 229 | 229 | 229 | 100 | 106 | 150 | 78 | 0 |
| 661 | 78 | 21 | 159 | 159 | 21 | 21 | 138 | 159 | 231 | 21 | 159 | 231 | 159 | 159 | 159 | 231 |
| 667 | 101 | 101 | 101 | 101 | 9 | 223 | 223 | 223 | 9 | 9 | 9 | 228 | 9 | 9 | 9 | 228 |
| 671 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 9 | 21 | 21 | 21 | 21 | 21 | 21 | 78 |
| 677 | 231 | 231 | 231 | 15 | 231 | 229 | 229 | 231 | 15 | 15 | 15 | 10 | 15 | 15 | 15 | 51 |
| 687 | 101 | 101 | 101 | 21 | 21 | 21 | 101 | 100 | 100 | 101 | 101 | 101 | 101 | 101 | 101 | 150 |
| 689 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 138 | 165 | 165 | 165 | 165 | 165 | 216 |
| 692 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 68 |
| 693 | 101 | 101 | 229 | 101 | 101 | 101 | 101 | 101 | 231 | 101 | 101 | 101 | 101 | 101 | 101 | 68 |
| 698 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 138 | 101 | 101 | 68 |
| 702 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 711 | 173 | 27 | 114 | 114 | 114 | 27 | 165 | 114 | 114 | 54 | 165 | 223 | 100 | 59 | 59 | 59 |
| 723 | 159 | 101 | 101 | 159 | 165 | 165 | 101 | 51 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 754 | 114 | 114 | 15 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 15 | 114 | 0 |
| 766 | 21 | 21 | 231 | 21 | 21 | 165 | 21 | 165 | 228 | 165 | 165 | 228 | 9 | 228 | 165 | 228 |
| 770 | 223 | 9 | 9 | 21 | 21 | 223 | 223 | 223 | 223 | 223 | 223 | 9 | 9 | 223 | 223 | 231 |
| 771 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 150 | 68 | 68 | 68 | 150 | 150 | 150 |
| 773 | 68 | 68 | 68 | 173 | 173 | 173 | 173 | 68 | 68 | 68 | 68 | 68 | 68 | 150 | 150 | 68 |
| 777 | 100 | 78 | 97 | 97 | 97 | 97 | 97 | 97 | 68 | 97 | 97 | 68 | 68 | 68 | 68 | 97 |
| 780 | 78 | 15 | 15 | 15 | 216 | 216 | 21 | 216 | 15 | 15 | 15 | 100 | 216 | 100 | 78 | 78 |
| 782 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |
| 788 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 15 | 21 | 21 | 21 | 21 | 21 | 68 |
| 789 | 21 | 101 | 21 | 21 | 21 | 21 | 21 | 231 | 231 | 114 | 21 | 114 | 21 | 114 | 114 | 150 |
| 800 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 0 |
| 809 | 229 | 101 | 101 | 101 | 101 | 101 | 231 | 78 | 231 | 78 | 231 | 231 | 150 | 229 | 78 | 106 |
| 821 | 173 | 173 | 173 | 173 | 173 | 33 | 33 | 33 | 33 | 138 | 138 | 33 | 33 | 33 | 33 | 33 |
| 826 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 9 | 106 | 106 | 106 | 106 | 106 | 106 | 106 |
| 867 | 21 | 9 | 21 | 21 | 9 | 9 | 228 | 228 | 183 | 9 | 9 | 9 | 9 | 21 | 21 | 106 |
| 868 | 33 | 33 | 33 | 15 | 9 | 15 | 33 | 156 | 173 | 173 | 156 | 156 | 156 | 156 | 33 | 33 |
| 869 | 0 | 0 | 0 | 0 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 156 | 229 | 0 |
| 882 | 10 | 10 | 156 | 33 | 10 | 10 | 10 | 10 | 10 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| 919 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 231 | 231 | 10 | 10 | 10 | 10 | 10 | 231 | 104 |
| 927 | 106 | 106 | 106 | 159 | 106 | 106 | 231 | 231 | 106 | 106 | 106 | 106 | 231 | 106 | 78 | 78 |
| 947 | 0 | 0 | 0 | 0 | 0 | 0 | 223 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 951 | 165 | 165 | 165 | 165 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 957 | 101 | 101 | 101 | 0 | 229 | 229 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 0 | 0 |
| 977 | 9 | 9 | 9 | 9 | 9 | 10 | 156 | 156 | 156 | 156 | 156 | 10 | 156 | 156 | 10 | 10 |
| 978 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 231 |
| 979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 229 | 229 | 229 | 229 | 0 | 229 | 0 | 0 |
| 982 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 987 | 9 | 9 | 156 | 156 | 156 | 9 | 156 | 156 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 156 |

```
994   110 110   9 110  10   9  97  97  97  97  97  97 156 156  97  10
995     9   9   9   9   9   9   9   9   9   9   9   9   9   9   9  68
999    10  10  10  10  10  10  10  10 229 156  78  10  78  78  10  78
1007  210 156  15  78 106  15  68  10 104  15 104 104 104  15  15 210
1008  106  68  68  68  68 229 229 229 229 229  10  10  68  68  15  68
1009  150 150 150 231 231 231 231 231 231 231   9 231  78 231   9 150
1017   68 156 156 156 156 156 156 156 156 156 156 156 156 156 156 156
1020  210 210 174 210 210 210  78 210  78  78  78  78  78  78  78   0
1025  223 223   9 223 223 223   9 223 223 223 223 150 150 231 231 231
1035  104 173 104 104 104 104 210  54  97  27  27  27  97  97  97  97
1036   78  78  78  78  78  78  78  78  78  78  78  78  78  78  78  78
1037  183  68 106  78  78  78  97 183  97  97  27 231 183 183  97  97
1044   11  11  11  11  11  11  11  11  11  11  11  11  11  11 110 110
1058  231  54  54  54  54 231 231 231  27 231 231 231  21  21  21 231
1059  104 104 104  10  10  10  10  10  10  10 106 106 106 106 106 231
1062  229 229 229 229 183 229 183  10  10 173  10 173 173 203 203 203
1065   68 150 229  78 229 229  78  78  78  78  78  78  78  78 229 150
1089  231 231  78  78  78  33  78  78  78  78  78 231 231  78  78  78
1091    0   0   0 210   0 216 216 216 216 216 216 216 216   0   0   0
1097   21 138   9 138 138 138 138 223 138   9   9   9 138 138 138 231
1100  231 231 231 231 231 229 229  15  15 231  15 100 165 106  33  33
1102    9   9   9   9   9   9   9   9   9   9   9   9   9   9   9  33
1163  173 173 156 156 150 173 150 231  15 150 231 231  15  15 231 231
1166   78 110 110 228   9 228   9 228 228 228 228 228  10 228   9  54
1167   68 156 156 138 138 138 138  68 106  78 106  78 138 138 138  78
1168  104 104  15  78  33  33  54  78  78 183 183 183  11  11  11  11
1173    9   9   9   9   9   9   9   9 104  33 156   9   9   9   9  10
1174  216  54 150 228 216 216 165 165 216  33 216 216 228 228 216 216
1182  138   9 138 138 138 138 138 228 228 138 138 138 138 138 138 228
1186  228 228 228 228 228 110 110 228 110 110 228 228 228 231 228 228
1187  100 100 100  15 100 100 100 223 223 100 100 100 100 100  21 110
1195   68  68  68  97  97  68  68  68  68  97  68  68  68  68  68  68
1213   78 210  54 210 210 150  78  78 210  78 210  78  78 228 210 210
1218   84  84  97  84  84  97 231 231 231 231  84  84 223 150 223 231
1219  210 100  33 210 210 210 100 165 165 100 165 100 100 165 165 150
1221    9   9 156 156 156 156 229  10  10  10   9   9   9  10 150 231
1222  106  15  15  68 229 229  68 229 229 229  15  15 106 106  68  68
1223  174 174 174  33  33 231  54 174 231 110  54  33 110 110 110 110
1225   33  33 156 156 156 156 156 156 156  33 156 156 156 156  33  33
1242  104 104 104  15 104 104  15  15 110  97  15  15 228 228  15 110
1243  150 150 150  78 150 150 150 150 150  78 150  78  78 150 150 150
1274   33  33   9  33   9   9   9   9  33  33  33  33  33  33  33  33
1275   15  15  15  15  15  15  15  15  15  15  15  15  15  15  15 231
1501   33  33  33  33 231  33 110  33  33 110 110  33  33  33  33 231
1514  228 228 228 228 228 228 228   9 228 228 228 228 228 228 228 228
1527  210 210 210 210 210 210 210 216 210 210 210 229 229 229 229 216
1540  106  77 101 101  27  27  27  27  27  27  27  27  27  27  27 210
1553  228 110 110 110 101  54  54  54 165 165  54 165 165 165 165  68
1562   78  78  78 150 203 150 150 106  78 106 106 229 106 106  78 203
1570  231 231 203 231 231 231 231 231 231 231 231 110 231  33 231 231
1579  110 110 110 110 110 110 110  33   0   0   0   0   0   0   0   0
1587  138 138 101 101 101 101 101 101 101 216 101 216 101 216 101   0
1594  138 138 101 101 101 101 138 101 101 101 101 101 101 101 101 110
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## APPENDIX C4: Country Pattern, Aggregate Commodities, 1966—80.

**Aggregated commodities**

| commodity | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 10 | 228 | 228 | 9 | 9 | 10 | 10 | 9 | 231 |
| 27 | 21 | 216 | 216 | 216 | 216 | 216 | 216 | 165 | 110 | 216 | 216 | 100 | 10 | 100 | 100 | 216 |
| 44 | 228 | 231 | 228 | 33 | 231 | 33 | 231 | 10 | 228 | 228 | 231 | 231 | 33 | 10 | 10 | 33 |
| 51 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 |
| 56 | 9 | 9 | 21 | 9 | 9 | 9 | 216 | 231 | 9 | 216 | 216 | 9 | 9 | 9 | 9 | 231 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 0 |
| 71 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 210 | 9 | 78 | 33 | 223 | 223 | 78 | 9 | 231 |
| 75 | 9 | 9 | 9 | 9 | 203 | 33 | 78 | 210 | 228 | 10 | 9 | 9 | 33 | 9. | 9 | 33 |
| 79 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 228 |
| 83 | 9 | 9 | 138 | 9 | 9 | 9 | 9 | 10 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 10 |
| 89 | 21 | 33 | 21 | 21 | 21 | 21 | 21 | 21 | 33 | 21 | 21 | 33 | 231 | 33 | 33 | 33 |
| 101 | 9 | 10 | 10 | 138 | 9 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 |
| 103 | 33 | 78 | 33 | 68 | 33 | 33 | 173 | 68 | 68 | 33 | 68 | 78 | 78 | 78 | 78 | 78 |
| 108 | 150 | 150 | 150 | 101 | 101 | 101 | 97 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 231 |
| 116 | 173 | 97 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 173 | 231 | 15 | 15 | 15 | 15 | 33 |
| 122 | 203 | 203 | 203 | 203 | 216 | 203 | 59 | 223 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| 125 | 101 | 101 | 21 | 101 | 101 | 21 | 21 | 21 | 101 | 21 | 101 | 216 | 15 | 101 | 216 | 68 |
| 136 | 0 | 0 | 0 | 0 | 0 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 0 | 0 | 0 |
| 137 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
| 149 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 68 | 15 | 101 | 15 | 101 | 150 |
| 164 | 100 | 51 | 173 | 10 | 51 | 10 | 10 | 10 | 10 | 138 | 21 | 21 | 216 | 216 | 216 | 216 |
| 176 | 216 | 216 | 21 | 21 | 216 | 216 | 216 | 216 | 216 | 216 | 9 | 138 | 33 | 33 | 216 | 216 |
| 181 | 10 | 223 | 54 | 0 | 223 | 223 | 223 | 54 | 223 | 223 | 223 | 138 | 223 | 15 | 223 | 68 |
| 187 | 183 | 183 | 183 | 228 | 183 | 183 | 54 | 156 | 97 | 33 | 9 | 9 | 9 | 33 | 33 | 33 |
| 191 | 223 | 223 | 223 | 223 | 223 | 100 | 138 | 223 | 223 | 84 | 9 | 138 | 138 | 203 | 203 | 203 |
| 197 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 0 | 0 |
| 201 | 223 | 223 | 223 | 223 | 223 | 228 | 231 | 203 | 138 | 9 | 9 | 223 | 223 | 223 | 223 | 203 |
| 205 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 210 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 0 |
| 211 | 229 | 101 | 229 | 101 | 101 | 101 | 101 | 216 | 216 | 229 | 15 | 229 | 229 | 216 | 216 | 216 |
| 216 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 78 | 21 | 21 | 21 | 21 | 21 | 78 | 78 |
| 217 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 150 |
| 220 | 174 | 174 | 223 | 223 | 174 | 174 | 174 | 223 | 174 | 174 | 174 | 174 | 174 | 174 | 223 | 203 |
| 221 | 174 | 174 | 174 | 174 | 231 | 174 | 231 | 223 | 231 | 231 | 174 | 174 | 174 | 231 | 231 | 231 |
| 222 | 183 | 183 | 27 | 183 | 183 | 183 | 100 | 106 | 231 | 231 | 100 | 231 | 106 | 223 | 223 | 231 |
| 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 15 | 223 | 223 | 78 |
| 225 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 223 | 223 | 231 |
| 234 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 106 | 159 | 101 | 216 | 159 | 216 |
| 237 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 21 | 21 | 231 | 231 | 9 | 9 | 231 | 231 |
| 238 | 231 | 21 | 231 | 21 | 21 | 231 | 231 | 231 | 21 | 21 | 231 | 21 | 9 | 9 | 231 | 231 |
| 244 | 9 | 9 | 9 | 9 | 101 | 9 | 21 | 159 | 159 | 68 | 9 | 9 | 9 | 9 | 21 | 78 |
| 245 | 21 | 21 | 21 | 21 | 21 | 100 | 100 | 100 | 9 | 100 | 100 | 9 | 100 | 100 | 100 | 68 |
| 252 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 231 | 101 | 101 | 231 | 231 | 101 | 231 | 231 |
| 253 | 101 | 101 | 101 | 101 | 101 | 216 | 216 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 257 | 101 | 101 | 101 | 101 | 159 | 101 | 101 | 101 | 101 | 159 | 101 | 101 | 101 | 101 | 101 | 54 |
| 258 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 159 | 101 | 159 | 101 | 101 | 54 |
| 259 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 78 |
| 261 | 223 | 223 | 106 | 223 | 203 | 68 | 68 | 223 | 223 | 84 | 106 | 223 | 223 | 223 | 106 | 106 |
| 263 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 159 | 0 |
| 266 | 21 | 110 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 100 | 21 | 21 | 21 | 21 | 100 | 78 |
| 268 | 9 | 9 | 9 | 97 | 9 | 9 | 231 | 9 | 228 | 231 | 9 | 231 | 9 | 231 | 231 | 231 |
| 269 | 9 | 9 | 9 | 9 | 9 | 228 | 231 | 228 | 228 | 228 | 231 | 231 | 231 | 231 | 231 | 231 |
| 271 | 33 | 173 | 33 | 33 | 33 | 33 | 33 | 210 | 210 | 173 | 68 | 33 | 33 | 33 | 173 | 33 |
| 272 | 33 | 173 | 210 | 210 | 33 | 33 | 210 | 165 | 165 | 51 | 165 | 165 | 165 | 33 | 33 | 33 |
| 276 | 9 | 9 | 9 | 9 | 21 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 150 | 150 |

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281   231 231 231 231 231 231 231 138 231 138 100 231 231 231 231 231
282   231 231 231 231 231 138 100 138 138 100 138 231 231 231 231 231
290   101 101 101 159 229 216 101 101 101 101 100 101 159 138 138 216
291   101 101 101 159  21 216 101 101 101 216 216 101 159 138 138 216
293    33  33  33  33  33  33  33  33  15  33  68  33 231 231 231 231
297   223  97  68 165  97  27  97 100 165 100 100 100 223  68 223 150
298   223  97  68 165  97  27  97 100 165 100 100 100 223  68 223 150
299   159 159 159 159 159 159 159  27 159 159  27  27   0   0   0   0
331   159   9   9 216 159 228 159 231 228 228 228 228   9 231 231 231
332    21  21 216 216 159  59 159 165  21 228 165   9 216 216  21 231
334     9   9   9 231  33  33   9   9   9   9 231 231   9  33   9  68
335    33   9 231 231  33  33  33   9 231 231 100 231 231  33 231  33
337   223 223 223 223  15  68  15 165 223  68  68 183  15  68 150  78
338   223 223 223 223 228 228 228 165 228 228  68 183  15  68 150  78
340   216 101 100  27 100 100  21  21  21  21  33 231 231  33 231 231
341    68 101 165 223 101 174  33 101 203 203  54  54  54 203  54  54
343   165 165 165 165 165  10 165  10 231 165  10 203 203  10 203 106
358    97 173 101 101 231 101  78 101 101 101 101 138 138 138 138  78
366   203 203 203 203 203 203 203  59 203 203 203 203 203 203 106 106
367   138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 231
372   231 231 203 231 231 203 231 203 203 231 231 231 203 231 231 231
373    78  78  78  78  78  78  78  78  78  78  78  78  78  78  78  78
388    97 183 183 183 183 223 223 223 223 223 223 223 223 223 223  97
393   106  27  27  27  27  27  27 106  27  27 106  27 106 106 106 106
394   138 138 138 138 138 138 138 138 138 138 138 138 138 138 138  27
397   138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 231
399   138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 106
401   138 138 138 138 138 138 138 138 138  27  27 203 203 231 231 231
402    27  27 138 138 138  27  27 138 138 138 138 138 138 138 138  68
403   203 203 203 203 203 100 203 203 203 100 203 203 203 203 156 156
406   138 138 100 100 100  27 100 138 138 138 100 138 138 138 138 231
414   138 138 138 138 138 138 138 138 138  59 138 138 138 138 138 150
417   150 150 150 150 150 150 150 150 150 150 138 138 138 138 138  97
420   203 203 203 203 203 203 203 203 203 203 203 203 203 203 203 203
423     0   0   0   0   0 223 223 223 223 223 223 223 223 223 150 223   0
426    33 231 138  33  15  15 173  15  15  15  33  15  15  15  15  33
446     0   0   0   0   0   0   0   0   0   0   0   0   0 156   0   0
449    54  54 104  54  54  54  54  54  54 104 104 104 104 104 104 104
459   228 228 228 228  51 228 228 228 228 173 100 150 173 173 150   0
460   203  84  84 203  84  84  84 203  84  84 203 203 203 203 203 203
463   173 173  84  84  84  84  84  84  84  84  84  84  84  84  84  84
486    21  21  21  21  21  21 216 216 216 216 216 138 216 216 216 216
489   159 159 159 159 159   0   0   0   0   0   0   0   0   0   0   0
490    21  21  21  21  21  21  21  21  21  21  21  21  21  21  21  59
495   138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 231
497   203 203 203 203 203 203 203 203 203 106 106  84  84   9 223  84
507   231 231 231 231 231 231 231  15 231 231 231   9 231 138 138 231
512   231 231 231 231 231 231 231 231 231 231  10 231 231 231 231 231
515   106  27  68  27  27  97  97  10  97  10 106  97  97  97  97  97
517    97  68  68  68  68  68  68 106  68  68  68  68 165  68  68  68
521   150 106 150 106 106  68 106  97 203 106 203 231 231 231 231 231
523   106 106 183 183 203 183 203 203 203 183 183 183  27  68  27 106
526   165 203 203 203 203 231 203 203 203 203 203 203 203  84  97  84
530    97  84  84  84  84  97  97  97  97  97  97  11  97  97  97  97
531   203 183 183 183 183 183  97 183 183 183  68 183 183 183 183  78
534    84  84  84  84  84  27  84 203 203  27 203 231 203 231 231 231
536   183 183 183 183 183 183 183 203 203 183   9 183 183 183 183  97
541    51  51 223  51  68  51  51  51  51  51  51 138  78 106  51 106
544   173 173 138 138 138  51 138 138 138  51 138 138 138 138 138 231
547   150  33 150 150 173  97  97 150 150  33  33  97 229 229  33  33
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| 549 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 97 | 229 | 97 | 97 | 97 | 97 | 97 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 550 | 78 | 150 | 15 | 15 | 173 | 15 | 15 | 78 | 173 | 173 | 229 | 78 | 15 | 173 | 11 | 78 |
| 552 | 173 | 33 | 173 | 33 | 33 | 33 | 33 | 106 | 33 | 33 | 33 | 33 | 231 | 231 | 231 | 231 |
| 554 | 173 | 173 | 78 | 173 | 173 | 78 | 78 | 78 | 78 | 229 | 229 | 78 | 229 | 78 | 78 | 78 |
| 558 | 104 | 104 | 104 | 15 | 104 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 560 | 223 | 223 | 223 | 223 | 223 | 223 | 223 | 10 | 27 | 223 | 223 | 10 | 223 | 223 | 223 | 27 |
| 564 | 84 | 84 | 84 | 84 | 84 | 84 | 106 | 84 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 |
| 567 | 27 | 97 | 97 | 27 | 27 | 27 | 27 | 27 | 97 | 231 | 138 | 138 | 138 | 138 | 138 | 97 |
| 568 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 138 | 183 | 183 | 138 | 183 | 84 |
| 569 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 | 174 |
| 571 | 59 | 59 | 59 | 138 | 138 | 165 | 165 | 165 | 165 | 165 | 138 | 138 | 138 | 138 | 138 | 59 |
| 572 | 21 | 21 | 21 | 229 | 68 | 21 | 106 | 21 | 106 | 138 | 210 | 138 | 231 | 231 | 231 | 231 |
| 574 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 231 |
| 577 | 229 | 229 | 229 | 231 | 229 | 229 | 229 | 231 | 231 | 59 | 229 | 231 | 231 | 231 | 231 | 231 |
| 603 | 216 | 101 | 165 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |
| 619 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 183 | 84 | 183 | 97 | 97 | 97 | 97 |
| 633 | 59 | 59 | 78 | 174 | 78 | 78 | 78 | 78 | 174 | 174 | 174 | 78 | 174 | 174 | 174 | 174 |
| 634 | 229 | 97 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 33 |
| 656 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 78 | 68 | 68 | 101 | 68 |
| 658 | 68 | 10 | 10 | 68 | 174 | 174 | 174 | 174 | 229 | 229 | 229 | 100 | 106 | 150 | 78 | 0 |
| 661 | 78 | 21 | 159 | 159 | 21 | 21 | 138 | 159 | 231 | 21 | 159 | 231 | 159 | 159 | 159 | 231 |
| 667 | 101 | 101 | 101 | 101 | 9 | 223 | 223 | 223 | 9 | 9 | 9 | 228 | 9 | 9 | 9 | 228 |
| 671 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 9 | 21 | 21 | 21 | 21 | 21 | 21 | 78 |
| 677 | 231 | 231 | 231 | 15 | 231 | 229 | 229 | 231 | 15 | 15 | 10 | 15 | 15 | 15 | 15 | 51 |
| 687 | 101 | 101 | 101 | 21 | 21 | 21 | 101 | 100 | 100 | 101 | 101 | 101 | 101 | 101 | 101 | 150 |
| 689 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 138 | 165 | 165 | 165 | 165 | 165 | 216 |
| 692 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 68 |
| 693 | 101 | 101 | 229 | 101 | 101 | 101 | 101 | 101 | 231 | 101 | 101 | 101 | 101 | 101 | 101 | 68 |
| 698 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 138 | 101 | 101 | 68 |
| 702 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 711 | 173 | 27 | 114 | 114 | 114 | 27 | 165 | 114 | 114 | 54 | 165 | 223 | 100 | 59 | 59 | 59 |
| 723 | 159 | 101 | 101 | 159 | 165 | 165 | 101 | 51 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 |
| 754 | 114 | 114 | 15 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 114 | 15 | 114 | 0 |
| 766 | 21 | 21 | 231 | 21 | 21 | 165 | 21 | 165 | 228 | 165 | 165 | 228 | 9 | 228 | 165 | 228 |
| 770 | 223 | 9 | 9 | 21 | 21 | 223 | 223 | 223 | 223 | 223 | 223 | 9 | 9 | 223 | 223 | 231 |
| 771 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 150 | 68 | 68 | 68 | 150 | 150 | 150 |
| 773 | 68 | 68 | 68 | 173 | 173 | 173 | 173 | 68 | 68 | 68 | 68 | 68 | 68 | 150 | 150 | 68 |
| 777 | 100 | 78 | 97 | 97 | 97 | 97 | 97 | 97 | 68 | 97 | 97 | 68 | 68 | 68 | 68 | 97 |
| 780 | 78 | 15 | 15 | 15 | 216 | 216 | 21 | 216 | 15 | 15 | 15 | 100 | 216 | 100 | 78 | 78 |
| 782 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 |
| 788 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 15 | 21 | 21 | 21 | 21 | 21 | 68 |
| 789 | 21 | 101 | 21 | 21 | 21 | 21 | 21 | 231 | 231 | 114 | 21 | 114 | 21 | 114 | 114 | 150 |
| 800 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 0 |
| 809 | 229 | 101 | 101 | 101 | 101 | 101 | 231 | 78 | 231 | 78 | 231 | 231 | 150 | 229 | 78 | 106 |
| 821 | 173 | 173 | 173 | 173 | 173 | 33 | 33 | 33 | 33 | 138 | 138 | 33 | 33 | 33 | 33 | 33 |
| 826 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 9 | 106 | 106 | 106 | 106 | 106 | 106 |
| 867 | 21 | 9 | 21 | 21 | 9 | 9 | 228 | 228 | 183 | 9 | 9 | 9 | 9 | 21 | 21 | 106 |
| 868 | 33 | 33 | 33 | 15 | 9 | 9 | 15 | 33 | 156 | 173 | 156 | 156 | 156 | 156 | 33 | 33 |
| 869 | 0 | 0 | 0 | 0 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 229 | 156 | 229 | 0 |
| 882 | 10 | 10 | 156 | 33 | 10 | 10 | 10 | 10 | 10 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| 919 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 231 | 231 | 10 | 10 | 10 | 10 | 10 | 231 | 104 |
| 927 | 106 | 106 | 106 | 159 | 106 | 106 | 231 | 231 | 106 | 106 | 106 | 106 | 231 | 106 | 78 | 78 |
| 947 | 0 | 0 | 0 | 0 | 0 | 0 | 223 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 951 | 165 | 165 | 165 | 165 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 957 | 101 | 101 | 101 | 0 | 229 | 229 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 0 | 0 |
| 977 | 9 | 9 | 9 | 9 | 9 | 10 | 156 | 156 | 156 | 156 | 156 | 10 | 156 | 156 | 10 | 10 |
| 978 | 9 | 9 | 9 | 9 | 9 | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 231 |
| 979 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 229 | 229 | 229 | 229 | 229 | 0 | 229 | 0 | 0 |
| 982 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 |
| 987 | 9 | 9 | 156 | 156 | 156 | 9 | 156 | 156 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 156 |

| 994 | 110 | 110 | 9 | 110 | 10 | 9 | 97 | 97 | 97 | 97 | 97 | 97 | 156 | 156 | 97 | 10 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 995 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 68 |
| 999 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 229 | 156 | 78 | 10 | 78 | 78 | 10 | 78 |
| 1007 | 210 | 156 | 15 | 78 | 106 | 15 | 68 | 10 | 104 | 15 | 104 | 104 | 104 | 15 | 15 | 210 |
| 1008 | 106 | 68 | 68 | 68 | 68 | 229 | 229 | 229 | 229 | 229 | 10 | 10 | 68 | 68 | 15 | 68 |
| 1009 | 150 | 150 | 150 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 9 | 231 | 78 | 231 | 9 | 150 |
| 1017 | 68 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 156 |
| 1020 | 210 | 210 | 174 | 210 | 210 | 210 | 78 | 210 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 0 |
| 1025 | 223 | 223 | 9 | 223 | 223 | 223 | 9 | 223 | 223 | 223 | 223 | 150 | 150 | 231 | 231 | 231 |
| 1035 | 104 | 173 | 104 | 104 | 104 | 104 | 210 | 54 | 97 | 27 | 27 | 27 | 97 | 97 | 97 | 97 |
| 1036 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| 1037 | 183 | 68 | 106 | 78 | 78 | 78 | 97 | 183 | 97 | 97 | 27 | 231 | 183 | 183 | 97 | 97 |
| 1044 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 110 | 110 |
| 1058 | 231 | 54 | 54 | 54 | 54 | 231 | 231 | 231 | 27 | 231 | 231 | 231 | 21 | 21 | 21 | 231 |
| 1059 | 104 | 104 | 104 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 106 | 106 | 106 | 106 | 106 | 231 |
| 1062 | 229 | 229 | 229 | 229 | 183 | 229 | 183 | 10 | 10 | 173 | 10 | 173 | 173 | 203 | 203 | 203 |
| 1065 | 68 | 150 | 229 | 78 | 229 | 229 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 229 | 150 |
| 1089 | 231 | 231 | 78 | 78 | 78 | 33 | 78 | 78 | 78 | 78 | 78 | 231 | 231 | 78 | 78 | 78 |
| 1091 | 0 | 0 | 0 | 210 | 0 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 216 | 0 | 0 | 0 |
| 1097 | 21 | 138 | 9 | 138 | 138 | 138 | 138 | 223 | 138 | 9 | 9 | 9 | 138 | 138 | 138 | 231 |
| 1100 | 231 | 231 | 231 | 231 | 231 | 229 | 229 | 15 | 15 | 231 | 15 | 100 | 165 | 106 | 33 | 33 |
| 1102 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 33 |
| 1163 | 173 | 173 | 156 | 156 | 150 | 173 | 150 | 231 | 15 | 150 | 231 | 231 | 15 | 15 | 231 | 231 |
| 1166 | 78 | 110 | 110 | 228 | 9 | 228 | 9 | 228 | 228 | 228 | 228 | 228 | 10 | 228 | 9 | 54 |
| 1167 | 68 | 156 | 156 | 138 | 138 | 138 | 138 | 68 | 106 | 78 | 106 | 78 | 138 | 138 | 138 | 78 |
| 1168 | 104 | 104 | 15 | 78 | 33 | 33 | 54 | 78 | 78 | 183 | 183 | 183 | 11 | 11 | 11 | 11 |
| 1173 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 104 | 33 | 156 | 9 | 9 | 9 | 9 | 10 |
| 1174 | 216 | 54 | 150 | 228 | 216 | 216 | 165 | 165 | 216 | 33 | 216 | 216 | 228 | 228 | 216 | 216 |
| 1182 | 138 | 9 | 138 | 138 | 138 | 138 | 138 | 228 | 228 | 138 | 138 | 138 | 138 | 138 | 138 | 228 |
| 1186 | 228 | 228 | 228 | 228 | 228 | 110 | 110 | 228 | 110 | 110 | 228 | 228 | 228 | 231 | 228 | 228 |
| 1187 | 100 | 100 | 100 | 15 | 100 | 100 | 100 | 223 | 223 | 100 | 100 | 100 | 100 | 100 | 21 | 110 |
| 1195 | 68 | 68 | 68 | 97 | 97 | 68 | 68 | 68 | 68 | 97 | 68 | 68 | 68 | 68 | 68 | 68 |
| 1213 | 78 | 210 | 54 | 210 | 210 | 150 | 78 | 78 | 210 | 78 | 210 | 78 | 78 | 228 | 210 | 210 |
| 1218 | 84 | 84 | 97 | 84 | 84 | 97 | 231 | 231 | 231 | 231 | 84 | 84 | 223 | 150 | 223 | 231 |
| 1219 | 210 | 100 | 33 | 210 | 210 | 210 | 100 | 165 | 165 | 100 | 165 | 100 | 100 | 165 | 165 | 150 |
| 1221 | 9 | 9 | 156 | 156 | 156 | 156 | 229 | 10 | 10 | 10 | 9 | 9 | 9 | 10 | 150 | 231 |
| 1222 | 106 | 15 | 15 | 68 | 229 | 229 | 68 | 229 | 229 | 229 | 15 | 15 | 106 | 106 | 68 | 68 |
| 1223 | 174 | 174 | 174 | 33 | 33 | 231 | 54 | 174 | 231 | 110 | 54 | 33 | 110 | 110 | 110 | 110 |
| 1225 | 33 | 33 | 156 | 156 | 156 | 156 | 156 | 156 | 156 | 33 | 156 | 156 | 156 | 156 | 33 | 33 |
| 1242 | 104 | 104 | 104 | 15 | 104 | 104 | 15 | 15 | 110 | 97 | 15 | 15 | 228 | 228 | 15 | 110 |
| 1243 | 150 | 150 | 150 | 78 | 150 | 150 | 150 | 150 | 78 | 150 | 78 | 78 | 150 | 150 | 150 |
| 1274 | 33 | 33 | 9 | 33 | 9 | 9 | 9 | 9 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 |
| 1275 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 231 |
| 1501 | 33 | 33 | 33 | 33 | 231 | 33 | 110 | 33 | 33 | 110 | 110 | 33 | 33 | 33 | 33 | 231 |
| 1514 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 9 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| 1527 | 210 | 210 | 210 | 210 | 210 | 210 | 210 | 216 | 210 | 210 | 210 | 229 | 229 | 229 | 229 | 216 |
| 1540 | 106 | 77 | 101 | 101 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 210 |
| 1553 | 228 | 110 | 110 | 110 | 101 | 54 | 54 | 54 | 165 | 165 | 54 | 165 | 165 | 165 | 165 | 68 |
| 1562 | 78 | 78 | 78 | 150 | 203 | 150 | 150 | 106 | 78 | 106 | 106 | 229 | 106 | 106 | 78 | 203 |
| 1570 | 231 | 231 | 203 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | 110 | 231 | 33 | 231 | 231 |
| 1579 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1587 | 138 | 138 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 216 | 101 | 216 | 101 | 216 | 101 | 0 |
| 1594 | 138 | 138 | 101 | 101 | 101 | 101 | 138 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 110 |

APPENDIX D: Commodity Codes and Text.

| Code | Text | Description |
|---|---|---|
| 0001 | population | population |
| 0002 | macroecon.1 | macroeconomics one |
| 0003 | macroecon.2 | macroeconomics two |
| 0010 | total trade | total trade |
| 0012 | land use | land use |
| 0013 | irrigation | irrigation |
| 0014 | land use | land use (bis) |
| 0015 | wheat | wheat |
| 0016 | flour wheat | flour of wheat |
| 0017 | bran wheat | bran of wheat |
| 0018 | macaroni | macaroni |
| 0020 | bread | bread |
| 0022 | pastry | pastry |
| 0023 | wheat, starch | wheat starch |
| 0024 | wheat, gluten | wheat gluten |
| 0027 | rice, paddy | rice, paddy |
| 0028 | rice, husked | rice, husked |
| 0031 | rice, milled | rice, milled |
| 0032 | rice, broken | rice, broken |
| 0034 | rice, starch | rice, starch |
| 0035 | bran rice | bran of rice |
| 0036 | oil rice brn | oil of rice bran |
| 0037 | cake ricebrn | cake of rice bran |
| 0041 | breakf cerls | breakfast cereals |
| 0044 | barley | barley |
| 0046 | barley, pearl | barley, pearled |
| 0049 | malt barley | malt of barley |
| 0050 | malt extract | malt extracts |
| 0051 | beer barley | beer of barley |
| 0056 | maize | maize |
| 0058 | flour maize | flour of maize |
| 0059 | bran maize | bran of maize |
| 0060 | oil maize | oil of maize |
| 0061 | cake maize | cake of maize |
| 0063 | maize gluten | maize gluten |
| 0064 | starch maize | starch of maize |
| 0066 | beer maize | beer of maize |
| 0067 | white maize | white maize |
| 0068 | pop corn | pop corn |
| 0071 | rye | rye |
| 0072 | flour rye | flour of rye |
| 0073 | bran rye | bran of rye |
| 0075 | oats | oats |
| 0076 | oats, rolled | oats, rolled |
| 0079 | millet | millet |
| 0080 | flour millet | flour of millet |
| 0081 | bran millet | bran of millet |
| 0082 | beer millet | beer of millet |
| 0083 | sorghum | sorghum |
| 0084 | flour sorghum | flour of sorghum |
| 0085 | bran sorghum | bran of sorghum |
| 0086 | beer sorghum | beer of sorghum |
| 0089 | buckwheat | buckwheat |
| 0090 | flour buckwh | flour of buckwheat |
| 0091 | bran buckwht | bran of buckwheat |
| 0092 | quinoa | quinoa |
| 0101 | canary seed | canary seed |
| 0103 | mixed grain | mixed grain |
| 0104 | flour mix gr | flour of mixed grain |
| 0105 | bran of mix gr | bran of mixed grain |
| 0108 | cereals nes | cereals nes |
| 0109 | infant food | infant food |
| 0110 | wafers | wafers |
| 0111 | flour cereal | flour of cereals |
| 0112 | bran cereal | bran of cereals |
| 0113 | cer prep nes | cereal prep nes |
| 0116 | potatoes | potatoes |
| 0117 | flour potat | flour of potatoes |
| 0119 | potato stch | potato starch |
| 0121 | potato tap | potato tapioca |
| 0122 | sweet potato | sweet potatoes |
| 0125 | cassava | cassava |
| 0126 | flour oass | flour of cassava |
| 0127 | oassava tap | cassava tapioca |
| 0128 | cassava drd | cassava dried |
| 0129 | oassava stch | cassava starch |
| 0136 | taro | taro (ooco yam) |
| 0137 | yams | yams |
| 0149 | roots tub ns | roots and tubers nes |
| 0150 | flour rt tub | flour of roots and tuber |
| 0151 | roots tub dr | roots and tubers dried |
| 0156 | sugar oane | sugar cane |
| 0157 | sugar beets | sugar beets |
| 0158 | oane sugar | cane sugar |
| 0159 | beet sugar | beet sugar |
| 0161 | sugar crops | sugar crops nes |
| 0162 | sugar,o. raw | sugar (centrifugal, raw) |
| 0163 | sugar,n-cent | sugar (noncentrifugal) |
| 0164 | sugar,refind | sugar refined |
| 0165 | molasses | molasses |
| 0167 | sugar nes | sugar and syrups nes |
| 0168 | sugar oonf | sugar confectionery |
| 0169 | beet pulp | beet pulp |
| 0170 | bagasse | bagasse |
| 0171 | sugars flav | sugars flavoured |
| 0176 | beans, dry | beans, dry |
| 0181 | brd beans,dr | broad beans, dry |
| 0187 | peas, dry | peas, dry |
| 0191 | chick-peas | chick-peas |
| 0195 | cow peas,dry | cow peas, dry |
| 0197 | pigeon peas | pigeon peas |
| 0201 | lentils | lentils |
| 0205 | vetches | vetches |
| 0210 | lupins | lupins |
| 0211 | pulses nes | pulses nes |
| 0212 | flour pulses | flour of pulses |
| 0216 | brazil nuts | brazil nuts |
| 0217 | cashew nuts | cashew nuts |
| 0220 | chestnuts | chestnuts |
| 0221 | almonds | almonds |
| 0222 | walnuts | walnuts |
| 0223 | pistachios | pistachios |
| 0224 | kolanuts | kolanuts |
| 0225 | hazelnuts | hazelnuts (hazelnuts) |
| 0226 | areoanuts | areca nuts (betel) |
| 0230 | oashew she | cashew nuts shelled |
| 0231 | almonds she | almonds shelled |
| 0232 | walnuts she | walnuts shelled |
| 0233 | hazelnuts she | hazelnuts shelled |
| 0234 | nuts nes | nuts nes |

| Code | Short | Description |
|---|---|---|
| 0235 | preprd nuts | preprd nuts(excl.grnuts) |
| 0236 | soybeans | soybeans |
| 0237 | oil soyabean | oil of soya beans |
| 0238 | cake soybean | cake of soyabeans |
| 0239 | soya sauce | soya sauce |
| 0240 | soya paste | soya paste |
| 0241 | soya curd | soya curd |
| 0242 | groundnuts | groundnuts in shell |
| 0243 | groundnut she | groundnuts shelled |
| 0244 | oil groundnt | oil of groundnuts |
| 0245 | cake groundt | cake of groundnuts |
| 0249 | coconuts | coconuts, des |
| 0250 | coconuts,des | coconuts, des |
| 0251 | copra | copra |
| 0252 | oil coconuts | oil of coconuts |
| 0253 | cake coconut | cake of coconuts |
| 0256 | palm kernels | palm kernels |
| 0257 | palm oil | palm oil |
| 0258 | oil,palm ker | oil of palm kernels |
| 0259 | cake,palm ker | cake of palm kernels |
| 0260 | olives | olives |
| 0261 | olive oil | olive oil |
| 0262 | olive,pres | olives, preserved |
| 0263 | karite nuts | karite nuts (sheanuts) |
| 0264 | karit nt but | butter of karite nuts |
| 0265 | castor beans | castor beans |
| 0266 | oil cast bns | oil of castor beans |
| 0267 | sunflwr seed | sunflower seed |
| 0268 | oil sunf sd | oil of sunflwer sd |
| 0269 | cake sunf sd | cake of sunflower seed |
| 0270 | rapeseed | rapeseed |
| 0271 | oil rapeseed | oil of rapeseed |
| 0272 | cake rapeseed | cake of rapeseed |
| 0273 | olive resid | olive residues |
| 0274 | oil oliveres | oil of residues |
| 0275 | tung nuts | tung nuts |
| 0276 | tung oil | tung oil |
| 0280 | safflower | safflower seed |
| 0281 | oil safflwer | oil of safflower |
| 0282 | cake safflwr | cake of safflower |
| 0289 | sesame seed | sesame seed |
| 0290 | oil ses sd | oil of sesame seed |
| 0291 | cake ses sd | cake of sesame seed |
| 0292 | mustard seed | mustard seed |
| 0293 | oil must sd | oil of mustard seed |
| 0296 | poppy seed | poppy seed |
| 0297 | oil pop sd | oil of poppy seed |
| 0298 | cake pop sd | cake of poppy seed |
| 0299 | melonseed | melonseed |
| 0305 | tallow seeds | tallowtree seeds |
| 0306 | veg tallow | vegetable tallow |
| 0307 | stilling oil | stillingia oil |
| 0310 | kapok fruit | kapok fruit |
| 0311 | kapokseed sh | kapokseed in shell |
| 0312 | kapoksee shed | kapokseed shelled |
| 0313 | oil of kapok | oil of kapok |
| 0314 | cake kapok | cake of kapok |
| 0328 | seed cotton | seed cottonw |
| 0329 | cottonseed | cottonseed |
| 0331 | oil cotton s | oil of cotton seed |
| 0332 | cake cotton | cake of cotton seed |
| 0333 | linseed | linseed |
| 0334 | oil linseed | oil of linseed |
| 0335 | cake linseed | cake of linseed |
| 0336 | hempseed | hempseed |
| 0337 | oil hempsd | oil of hempseed |
| 0338 | cake hempsd | cake of hempseed |
| 0339 | oilseeds nes | oilseeds nes |
| 0340 | oil vg or ns | oil of veget origin nes |
| 0341 | cak oilsd ns | cakes of oilseeds nes |
| 0343 | oil meals | flour/meal of oilseeds |
| 0358 | cabbages | cabbages |
| 0366 | artichokes | artichokes |
| 0367 | asparagus | asparagus |
| 0372 | lettuce | lettuce |
| 0373 | spinach | spinach |
| 0388 | tomatoes | tomatoes |
| 0390 | juice tomato | juice of tomatoes |
| 0391 | tomato paste | tomato paste |
| 0392 | peeld tomato | peeled tomatoes |
| 0393 | cauliflower | cauliflower |
| 0394 | pumpk+sq+grd | pumpkins, squash, gourds |
| 0397 | cucumbr+gherk | cucumbers and gherkins |
| 0399 | eggplants | eggplants |
| 0401 | chil+pep,grn | chillies+peppers, green |
| 0402 | onions,green | onions+shallots, green |
| 0403 | onions, dry | onions, dry |
| 0406 | garlic | garlic |
| 0414 | beans, green | beans, green |
| 0417 | peas, green | peas, green |
| 0420 | brd bean, grn | broad beans, green |
| 0423 | string beans | string beans |
| 0426 | carrots | carrots |
| 0446 | green corn | green corn (maize) |
| 0449 | mushrooms | mushrooms |
| 0459 | chicory root | chicory roots |
| 0460 | veg pr fr dr | veg prod fresh or dried |
| 0461 | carobs | carobs |
| 0463 | vegetables | vegetables fresh nes |
| 0464 | veget dr nes | vegetables dried nes |
| 0465 | vegt can nes | vegetables canned ns |
| 0466 | juice veg ns | juice of vegetables nes |
| 0469 | vegs dehydr | vegs.dehydrated 055.1 |
| 0471 | vegs vinegar | vegs pr by vinegar 55.51 |
| 0472 | vegs pr nes | vegs pr nes 55.52 |
| 0473 | vegs frozen | vegetables frozen |
| 0474 | vegs temp pr | vegs in temp preservativ |
| 0486 | bananas | bananas |
| 0489 | plantains | plantains |
| 0490 | oranges | oranges |
| 0491 | juice orange | juice of oranges |
| 0495 | tangerines | tang.mand.clement.satsma |
| 0497 | lemon limes | lemons and limes |
| 0507 | grapefruit | grapefruit and pomelo |
| 0509 | grapef juice | grapefruit juice |
| 0512 | citr frt nes | citrus fruit nes |
| 0513 | citrus juice | citrus fruit juice nes |
| 0515 | apples | apples |
| 0517 | cider | cider |
| 0521 | pears | pears |

| Code | Abbrev | Description |
|---|---|---|
| 0523 | quinces | quinces |
| 0526 | apricots | apricots |
| 0530 | sour cherry | sour cherries |
| 0531 | cherries | cherries |
| 0534 | peaches | peaches and nectarines |
| 0536 | plums | plums |
| 0537 | plums, dried | plums, dried (prunes) |
| 0541 | stone fruit | stone fruit nes. fresh |
| 0542 | pome fruit | pome fruit nes, fresh |
| 0544 | strawberries | strawberries |
| 0547 | raspberries | raspberries |
| 0549 | gooseberries | gooseberries |
| 0550 | currants | currants |
| 0552 | blueberries | blueberries |
| 0554 | cranberries | cranberries |
| 0558 | berries nes | berries nes |
| 0560 | grapes | grapes |
| 0561 | raisins | raisins |
| 0563 | must grapes | must of grapes |
| 0564 | wine | wine |
| 0565 | vermth simil | vermouths and similar |
| 0567 | watermelons | watermelons |
| 0568 | mel inc cant | melons incl cantaloupes |
| 0569 | figs | figs |
| 0570 | figs, dried | figs, dried |
| 0571 | mangoes | mangoes |
| 0572 | avocados | avocados |
| 0574 | pineapples | pineapples |
| 0575 | pineapple can | pineapples, canned |
| 0576 | pineap juice | pineapple juice |
| 0577 | dates | dates |
| 0600 | papayas | papayas |
| 0603 | frt trop nes | fruit tropical fresh nes |
| 0604 | fr trp dr ns | fruit tropical dried nes |
| 0619 | fruit nes | fruit fresh nes |
| 0620 | fruit dr nes | fruit dried nes |
| 0622 | fruit juice | fruit juice nes |
| 0623 | fruit pr nes | fruit prep nes |
| 0624 | flour fruit | flour of fruit |
| 0632 | ?????? | ?????? |
| 0633 | bev non-alc | beverages non-alcoholic |
| 0634 | bev dis alc | beverages dist alcoholic |
| 0635 | straw, husks | straw, husks |
| 0636 | maize fd+sil | maize for forage+silage |
| 0637 | sorghum fs | sorghum for forage+silage |
| 0638 | rye grass fs | rye grass,forage+silage |
| 0639 | grasses fs | grasses nes,forage+silage |
| 0640 | clover fs | clover for forage+silage |
| 0641 | alfalfa fs | alfalfa for forage+silage |
| 0643 | legumes fs | legumes nes,forage+silag |
| 0644 | cabbage fod | cabbage for fodder |
| 0645 | pumpkins fod | pumpkins for fodder |
| 0646 | turnips fod | turnips for fodder |
| 0647 | beets fodder | beets for fodder |
| 0648 | carrots fod | carrots for fodder |
| 0649 | swedes fod | swedes for fodder |
| 0650 | leaves+tops | leaves and tops |
| 0651 | forage prod | forage products nes |
| 0652 | veg prod | veg prod for feed |
| 0653 | food wastes | food wastes |

| Code | Abbrev | Description |
|---|---|---|
| 0654 | dregs,br+dis | dregs from brewing+dist. |
| 0655 | veg root fod | vegetables+roots,fodder |
| 0656 | coffee,green | coffee, green |
| 0657 | coffee roast | coffee, roasted |
| 0658 | coffee subst | coffee subst cont coffee |
| 0659 | coffee extr | coffee extracts |
| 0661 | cocoa beans | cocoa beans |
| 0662 | cocoa powder | cocoa powder |
| 0663 | cocoa paste | cocoa paste oake |
| 0664 | cocoa butter | cocoa butter |
| 0665 | choc prod ns | chocolate products nes |
| 0666 | ??????? | ??????? |
| 0667 | tea | tea |
| 0671 | mate | mate |
| 0674 | tea nes | tea nes |
| 0677 | hops | hops |
| 0687 | pepper w/l/b | pepper,white/long/black |
| 0689 | pimento | pimento, allspice |
| 0692 | vanilla | vanilla |
| 0693 | cinnamon | cinnamon (canella) |
| 0698 | cloves | cloves, whole+stems |
| 0702 | nutmeg | nutmeg, mace, cardamons |
| 0711 | anise | anise, badian, fennel |
| 0723 | spices nes | spices nes |
| 0737 | oil citronll | oil of citronella |
| 0748 | peppermint | peppermint |
| 0753 | ess oils nes | essential oils nes |
| 0754 | pyrethrum | pyrethrum |
| 0755 | pyret extr. | pyrethrum extract |
| 0756 | pyret marc | pyrethrum marc |
| 0766 | seed cotton | seed cotton |
| 0767 | cotton lint | cotton lint |
| 0768 | cotton cardd | cotton carded combed |
| 0769 | cotton waste | cotton waste |
| 0770 | cotton lintr | cotton linter |
| 0771 | flax raw | flax fibre raw |
| 0773 | flax fibre | flax fibre and tow |
| 0774 | flax tow | flax tow waste |
| 0777 | hemp fibre | hemp fibre and tow |
| 0780 | jute | jute |
| 0782 | jute-like | jute-like fibres |
| 0788 | ramie | ramie |
| 0789 | sisal | sisal |
| 0800 | agave nes | agave fibres nes |
| 0809 | abaca | abaca (manila hemp) |
| 0821 | fibre nes | fibre crops nes |
| 0826 | tobacco | tobacco leaves |
| 0828 | cigarettes | cigarettes |
| 0829 | cigars | cigars cheroots |
| 0831 | tobacco prod | tobacco products nes |
| 0836 | nat rubber | natural rubber |
| 0837 | rubber,dry | rubber natural dry |
| 0839 | natural gums | natural gums |
| 0840 | com feed cat | compound feed, cattle |
| 0841 | com feed pou | compound feed, poultry |
| 0842 | com feed pig | compound feed, pigs |
| 0845 | com feed oth | compound feed, other or nes |
| 0846 | glut feed&me | gluten feed and meal |
| 0850 | feed sup | feed suplements |
| 0851 | nonprot nitr | non protein nitrogens |

| Code | Short | Description |
|---|---|---|
| 0852 | concentr nes | other concentrates, nes |
| 0853 | vitamins | vitamins |
| 0854 | feed additiv | feed additives |
| 0855 | feed mineral | feed minerals |
| 0857 | hay non-leg | hay non-leguminous |
| 0858 | hay logumin | hay (clover,lucerne,etc) |
| 0859 | hay unspecif | hay (unspecified) |
| 0860 | range past | range pasture |
| 0861 | improv past | improved pasture |
| 0862 | fl/meal miso | flour/meal,leg,veg,roots |
| 0864 | calves | calves |
| 0865 | veal | veal |
| 0866 | cattle | cattle |
| 0867 | beef veal | beef and veal |
| 0868 | offals cattl | offals of cattle, edible |
| 0869 | fat cattle | fat of cattle |
| 0870 | beef boneless | beef and veal,boneless |
| 0872 | beef dss | beef and veal dried salt smoked |
| 0873 | meat extract | meat extracts |
| 0874 | sausage beef | sausages beef and veal |
| 0875 | beef prep | beef preparations |
| 0876 | beef canned | beef canned |
| 0882 | cow milk | cow milk, whole, fresh |
| 0885 | cream, fresh | cream, fresh |
| 0886 | butter, cows | butter of cow milk |
| 0887 | ghee, cows | ghee (from cow milk) |
| 0888 | sk milk cows | skim milk of cows |
| 0889 | wh milk,cond | whole milk, condensed |
| 0890 | whey,condens | whey, condensed |
| 0894 | wh milk,evap | whole milk, evaporated |
| 0895 | skmilk evap | skim milk, evaporated |
| 0896 | sk milk cond | skim milk, condensed |
| 0897 | cownilk dry | dry whole cow milk |
| 0898 | milk sk dr c | dry skim cow milk |
| 0899 | dry buttermilk | dry buttermilk |
| 0900 | dry whey | dry whey |
| 0901 | cheese w cow | cheese (whole cow milk) |
| 0903 | whey, fresh | whey, fresh |
| 0904 | cheese s cow | cheese (skim cow milk) |
| 0917 | casein | casein |
| 0919 | cattle hides | cattle hides, fresh |
| 0920 | hide w cattl | hides wet-salted cattle |
| 0921 | hide d cattl | hides dry-salted cattle |
| 0922 | hide n cattl | hides nes cattle |
| 0927 | skin f calve | skins fresh of calves |
| 0928 | skin w calve | skins wet-salt calves |
| 0929 | skin j calve | skins dry-salt calves |
| 0930 | skin n cattl | skins nes calves |
| 0944 | ind oatmeat | indigenous cattle meat |
| 0945 | bio oatmeat | biological cattle meat |
| 0946 | buffaloes | buffaloes |
| 0947 | buffalo meat | buffalo meat |
| 0948 | offal buffal | offals of buffalo, edible |
| 0949 | fat buffalo | fat of buffalo |
| 0951 | buffalo milk | buffalo milk |
| 0952 | butter buffl | butter of buffalo milk |
| 0953 | ghee buffalo | ghee (from buffalo milk) |
| 0954 | milk sk buff | skim milk of buffalo milk |
| 0955 | chees buffl | cheese of buffalo milk |
| 0957 | buffalo hide | buffalo hides, fresh |

| Code | Short | Description |
|---|---|---|
| 0958 | hide w buffl | hides wet-salted buffal |
| 0959 | hide d buffl | hides dry-salted buffal |
| 0972 | ind buffmeat | indigenous buffalo meat |
| 0973 | bio buffmeat | biological buffalo meat |
| 0974 | lambs | lambs |
| 0975 | lamb meat | lamb meat |
| 0976 | sheep | sheep |
| 0977 | mutton lamb | mutton and lamb |
| 0978 | offals sheep | offals of sheep, edible |
| 0979 | fat of sheep | fat of sheep |
| 0982 | sheep milk | sheep milk |
| 0983 | butter sheep | butter+ghee (sheep milk) |
| 0984 | sheep cheese | cheese of sheep milk |
| 0985 | sk milk shee | skim sheep milk |
| 0987 | wool, greasy | wool, greasy |
| 0988 | wool, soured | wool, scoured |
| 0994 | grease wool | grease incl lanolin wool |
| 0995 | sheepskins | sheepskins, fresh |
| 0996 | skin w sheep | skin wet-salted sheep |
| 0997 | skin d sheep | skin dry-salted sheep |
| 0998 | skin nes sh | skin nes sheep |
| 0999 | skinwool sh | skin with wool sheep |
| 1007 | wool shoddy | wool shoddy |
| 1008 | hair carded | hair carded or combed |
| 1009 | wool waste | wool hair waste |
| 1012 | ind sheepmeat | indigenous sheep meat |
| 1013 | bio sheepmeat | biological sheep meat |
| 1014 | kids | kids |
| 1015 | kids meat | kids meat |
| 1016 | goats | goats |
| 1017 | goat meat | goat meat |
| 1018 | offals goats | offals of goats, edible |
| 1019 | fat of goats | fat of goats |
| 1020 | goat milk | goat milk |
| 1021 | goat cheese | cheese of goat milk |
| 1025 | goatskins | goatskins, fresh |
| 1026 | skin w goat | skins wet-salted goats |
| 1027 | skin d goat | skins dry-salted goats |
| 1028 | skin nes goa | skins nes goats |
| 1032 | ind goatmeat | indigenous goat meat |
| 1033 | bio goatmeat | biological goat meat |
| 1034 | pigs | pigs |
| 1035 | pigmeat | pigmeat |
| 1036 | offals pigs | offals of pigs, edible |
| 1037 | fat pigs | fat of pigs |
| 1039 | bacon pigs | bacon-ham of pigs |
| 1041 | sausages pig | sausages pig meat |
| 1042 | meat pr pig | meat preparations pigs |
| 1043 | lard | lard |
| 1044 | pigskins | pigskins, fresh |
| 1045 | skin w pigs | skin wet-salted pigs |
| 1046 | skin d pigs | skin dry-salted pigs |
| 1047 | skin nes pig | skin nes pigs |
| 1055 | ind pigmeat | indigenous pigmeat |
| 1056 | bio pigmeat | biological pig meat |
| 1057 | chickens | chickens |
| 1058 | chicken meat | chicken meat |
| 1059 | offal chickn | offals liver of chickens |
| 1060 | meat pr chck | meat preparations chick |
| 1061 | meat od chck | meat canned chicken |

| Code | Abbrev. | Description |
|---|---|---|
| 1062 | hen eggs | hen eggs |
| 1063 | eggs l hen | eggs liquid hen |
| 1064 | eggs dry hen | eggs dry whole yolks hen |
| 1065 | fat poultry | fat of poultry |
| 1066 | fat r poultr | fat of poultry rendered |
| 1067 | hen eggs no | hen eggs (no) |
| 1068 | ducks | ducks |
| 1070 | ind duckmeat | indigenous duckmeat |
| 1071 | bio duckmeat | biological duckmeat |
| 1072 | geese | geese |
| 1077 | ind geesmeat | indigenous geese meat |
| 1078 | bio geesmeat | biological geese meat |
| 1079 | turkeys | turkeys |
| 1087 | ind turkmeat | indigenous turkey meat |
| 1088 | bio turkmeat | biological turkey meat |
| 1089 | poultry meat | poultry t (excl hen) |
| 1091 | eggs ex hen | eggs,excluding hen eggs |
| 1092 | oth egg (no) | eggs, exc hen eggs (no) |
| 1094 | ind chokmeat | indigenous chicken meat |
| 1095 | bio chokmeat | biological chicken meat |
| 1096 | horses | horses |
| 1097 | horsemeat | horsemeat |
| 1098 | ??????? | ??????? |
| 1100 | hair horses | hair of horses |
| 1102 | horse hides | horse hides, fresh |
| 1103 | hide w horse | hides wet-salted horses |
| 1104 | hide d horse | hides dry-salted horses |
| 1105 | hide y horse | hides unspecified horses |
| 1107 | asses | asses |
| 1110 | mules | mules |
| 1120 | ind horsemeat | indigenous horsemeat |
| 1121 | bio horsmeat | biological horse meat |
| 1122 | ind ass meat | indigenous ass meat |
| 1123 | bio ass meat | biological ass meat |
| 1124 | ind mulemeat | indigenous mule meat |
| 1125 | bio mulemeat | biological mule meat |
| 1126 | camels | camels |
| 1127 | meat camel | meat of camels |
| 1128 | offals camel | offals of camel, edible |
| 1129 | fat camel | fat of camels |
| 1130 | camel milk | camel milk |
| 1133 | hides camel | camel hides, fresh |
| 1134 | hides w camel | hides wet-salted camels |
| 1135 | hides d camel | hides dry-salted camels |
| 1136 | hide u camel | hides unsp camel |
| 1137 | ind camlmeat | indigenous camel meat |
| 1138 | bio camelmeat | biological camel meat |
| 1140 | ????? | ??????? |
| 1141 | ????? | ?????? |
| 1163 | game meat | game meat |
| 1164 | meat dry nes | meat,dried,nes |
| 1166 | meat nes | meat nes |
| 1167 | offals nes | offals nes |
| 1168 | oils animal | animal oils and fats nes |
| 1171 | animals nes | live animals nes |
| 1172 | meat pr nes | meat prepared nes |
| 1173 | meat meal | meat meal |
| 1174 | fish meal | fish meal |
| 1181 | beehives | beehives |
| 1182 | honey | honey |
| 1183 | beeswax | beeswax |
| 1185 | cocoon reel | cocoons, reelable |
| 1186 | silk, raw | silk, raw and waste |
| 1187 | cocoon unr | cocoons, unreelable |
| 1195 | fur skins | fur skins |
| 1213 | hides nes fr | hides+skins nes. fresh |
| 1214 | hide ws | hide wet-salted |
| 1215 | hide ds | hide dry-salted |
| 1216 | hide nes | hide nes |
| 1217 | leather used | leather used and waste |
| 1218 | hair fine | hair fine animal |
| 1219 | hair coarse | hair coarse nes |
| 1221 | stearine | lard stearine oil |
| 1222 | degras | degras |
| 1223 | oils fish | oils fish mar mamm |
| 1225 | tallow | tallow |
| 1232 | food prep | food prep nes |
| 1242 | margarine | margarine + shortening |
| 1243 | fats prep ns | fat preparations nes |
| 1259 | food wastes | food wastes prep feed |
| 1274 | oils boiled | oils boiled etc |
| 1275 | oils hydrogn | oils hydrogenated |
| 1276 | fatty acids | fatty acids oils |
| 1277 | res fatty s | res fatty subst |
| 1293 | org mat 29 | crude organic materls 29 |
| 1294 | seeds | seeds fruits spores pl |
| 1295 | spermaceti | spermaceti |
| 1296 | waxes veg | waxes veg |
| 1297 | protein | protein concentrates |
| 1299 | soil mach | soil machinery |
| 1300 | agr mach nes | agr machinery nes |
| 1301 | tractors all | tractors all |
| 1302 | tractors tot | tractors agric tot |
| 1303 | tractors crw | tractors agric crawler |
| 1304 | tractors whl | tractors agric wheel |
| 1305 | garden tract | garden tractors |
| 1306 | harv thresh | harvester-threshers |
| 1307 | milking mash | milking machines |
| 1308 | lindane | lindane |
| 1309 | d d t | d d t |
| 1310 | b h c | b h c |
| 1311 | other chlorin | other chlor hydrocarbons |
| 1312 | aldrin eto | aldrin and sim insectic |
| 1313 | carbamates i | carbamates insecticide |
| 1314 | other herbioid | other herbicides |
| 1315 | toxaphene | toxaphene |
| 1316 | fenitrothion | fenitrothion |
| 1317 | parathion | parathion |
| 1318 | malathion | malathion |
| 1319 | org phos oth | oth org phosph insectic |
| 1320 | chlorobenzil | chlorbenzilate |
| 1321 | bot insc pyr | pyrethrum |
| 1324 | bot insc oth | other botanical insectio |
| 1325 | miner oils | mineral oils |
| 1326 | arsenicals | arsenicals |
| 1327 | bromides | bromides |
| 1328 | oth fumigant | other fumigants |
| 1330 | other insect | other insecticides |
| 1331 | dinitro comp | dinitro compounds |
| 1332 | dithiocarbam | dithiocarbamates |

| Code | Abbrev | Description |
|---|---|---|
| 1333 | seed dress m | seed dress org mercurial |
| 1334 | seed dress o | seed dress others |
| 1335 | sulphur | sulphur |
| 1336 | lime sulphur | lime sulphur |
| 1337 | urea derivat | urea derivatives |
| 1338 | aromatic cp | aromatic compounds |
| 1339 | carbamates h | carbamates herbicide |
| 1340 | copper comp | copper compounds |
| 1341 | oth fungicid | other fungicides |
| 1342 | 2,4,-d | 2,4,-d |
| 1343 | mcpa | mcpa |
| 1344 | 2,4,5-t | 2,4,5-t |
| 1345 | triazines | triazines |
| 1346 | anticoagul | anticoagulants |
| 1347 | oth rodent | other rodenticides |
| 1348 | pesticid nes | pesticides nes |
| 1350 | plant gr reg | plant growth regulators |
| 1352 | methoxychlor | methoxychlor |
| 1353 | aliphatic op | aliphatic compounds |
| 1354 | nematocides | nematocides |
| 1355 | al phosphide | aluminum phosphide |
| 1356 | car tetrachl | carbon tetrachloride |
| 1357 | pesticides | pesticides |
| 1360 | nitrogfertlz | nitrogenous fertilizers |
| 1361 | ammon sulph | ammonium sulphate |
| 1362 | ammon nitrat | ammonium nitrate |
| 1363 | amm sul nitr | ammonium sulphat nitrate |
| 1364 | sodium nitr | sodium nitrate |
| 1365 | calcium nitr | calcium nitrate |
| 1366 | calcium oyan | calcium cyanide |
| 1367 | urea | urea |
| 1368 | amm phosph n | ammonium phosphate (n) |
| 1369 | other nitr fer | other nitrogenous fert (n) |
| 1370 | oth compl n | oth complex fert (n) |
| 1371 | ammonia d ap | ammonia dir application |
| 1372 | calc am nitr | calcium ammonium nitrate |
| 1374 | nit fert nes | nitrogen fertilizers nes |
| 1375 | phosphfertlz | phosphate fertilizers |
| 1376 | sing superph | single superphosphate |
| 1377 | conc superph | concent superphosphate |
| 1378 | basic slag | basic slag |
| 1379 | amm phosph p | ammonium phosphat (p205) |
| 1380 | oth phos fer | other phosphate fertil |
| 1381 | oth compl p | other complex fert (p205) |
| 1385 | phos fer nes | phosphate fertiliz nes |
| 1386 | potashfertiliz | potash fertilizers |
| 1387 | potas sulph | potassium sulphate |
| 1388 | muriate 45 | muriate over 45 k20 |
| 1389 | muria 20-45 | muriate 20-45 k20 |
| 1390 | crude salts | crude salts to 20 k20 |
| 1391 | oth pot fert | other potash fertilizers |
| 1392 | compl fer k | complex fertilizer (k20) |
| 1396 | pot fert nes | potash fertilizers nes |
| 1397 | fert m nes | fertilizers manuf nes |
| 1398 | nat sod nitr | natural sodium nitrate |
| 1399 | phosphat nat | natural phosphates |
| 1400 | pot salt nat | natural potassium salts |
| 1401 | fertil organ | fertilizers organic |
| 1402 | ammonia | ammonia |
| 1403 | phosph acid | phosphoric acid |
| 1404 | sulphur acid | sulphuric acid |
| 1405 | agric lime | agricultural lime |
| 1406 | gypsum | gypsum |
| 1410 | int comb eng | internal combust engines |
| 1411 | electr motor | electric motors |
| 1412 | trucks farms | trucks on farms |
| 1501 | frwtr diad f | freshwater diadrom fresh |
| 1502 | frwtr fz whl | freshwater frozen whole |
| 1503 | frwtr fillet | freshwater fillets |
| 1504 | frwtr fz flt | freshwater frozen fillets |
| 1505 | frwtr cured | freshwater cured |
| 1506 | frwtr canned | freshwater canned |
| 1507 | frwtr pr nes | freshwater prep nes |
| 1508 | frwtr meals | freshwater meals |
| 1509 | frwt bdy oil | freshwater body oils |
| 1510 | frwt liver oil | freshwater liver oils |
| 1511 | frwt meal of | freshwater meal fr offal |
| 1514 | dmrsl fresh | demersl marine fish frsh |
| 1515 | dmrsl fz whl | demersal frozen whole |
| 1516 | dmrsl fillet | demersal fillets |
| 1517 | dmrsl fz flt | demersal frozen fillets |
| 1518 | dmrsl cured | demersal cured |
| 1519 | dmrsl canned | demersal canned |
| 1520 | dmrsl pr nes | demersal prep nes |
| 1521 | dmrsl meals | demersal meals |
| 1522 | dmrs bdy oil | body oils |
| 1523 | dmrs lvr oil | demersal liver oils |
| 1524 | dmrs meal of | demersal meal from offal |
| 1527 | pelagic frsh | pelagic marine fish frsh |
| 1528 | pelgc fz whl | pelagic frozen whole |
| 1529 | pelgc fillet | pelagic fillets |
| 1530 | pelgc fz flt | pelagic frozen fillets |
| 1531 | pelgc cured | pelagic cured |
| 1532 | pelgc canned | pelagic canned |
| 1533 | pelgc pr nes | pelagic prep nes |
| 1534 | pelgc meals | pelagic meals |
| 1535 | pelg bdy oil | pelagic body oils |
| 1536 | pelg lvr oil | pelagic liver oils |
| 1537 | pelg meal of | pelagic meal from offal |
| 1540 | marine nes f | marine fish nes fresh |
| 1541 | marine fz whl | marine nes frozen whole |
| 1542 | marin fillet | marine nes fillets |
| 1543 | marin fz flt | marine nes frozen fillet |
| 1544 | marin cured | marine nes cured |
| 1545 | marin canned | marine nes canned |
| 1546 | marin pr nes | marine nes prep nes |
| 1547 | marin meals | marine nes meals |
| 1548 | marn bdy oil | marine nes body oils |
| 1549 | marn lvr oil | marine nes liver oils |
| 1550 | marn meal of | marine nes meal fr offal |
| 1553 | crstaceans f | crustaceans fresh |
| 1554 | crstc frozen | crustaceans frozen |
| 1555 | crstc cured | crustaceans cured |
| 1556 | crstc canned | crustaceans canned |
| 1557 | crsto pr nes | crustaceans prep nes |
| 1558 | crsto meals | crustaceans meals |
| 1559 | orst meal of | crustaceans meal f offal |
| 1562 | mllusos frsh | mllusos excl cephlp frsh |
| 1563 | molsc frozen | molluscs frozen |
| 1564 | molsc cured | molluscs cured |

| Code | | |
|---|---|---|
| 1565 | molsc canned | molluscs canned |
| 1566 | molsc meals | molluscs meals |
| 1567 | mols meal of | molluscs meal from offal |
| 1570 | cephlp fresh | cephepods fresh |
| 1571 | ophlp frozen | cephalopods frozen |
| 1572 | ophlp oured | cephalopods cured |
| 1573 | ophlp canned | cephalopods canned |
| 1574 | cphlp pr nes | cephalopods prep nes |
| 1575 | cphlp meals | cephalopods meals |
| 1576 | ophl meal of | cephalopods meal f offal |
| 1579 | aquto mammal | aquatic mammals |
| 1580 | aq m meat | aquatic mammals meat |
| 1581 | aq m meals | aquatic mammals meals |
| 1582 | aq m oils | aquatic mammals oils |
| 1583 | aq m prep ns | aquatic mammals prepnes |
| 1584 | aq m meal of | aqua mammal meal f offal |
| 1587 | aquto anim f | aquatic animals nes frsh |
| 1588 | aq a cured | aquatic animals cured |
| 1589 | aq a meals | aquatic animals meals |
| 1590 | aq a prep ns | aquatic animals prep nes |
| 1591 | aq a meal of | aqua anim meal fr offal |
| 1594 | aquto plants | aquatic plants |
| 1595 | aq p dried | aquatic plants dried |
| 1596 | aq p prep ns | aquatic plants prep nes |
| 1599 | fish tot val | fishery total value |

## APPENDIX E: FAP countries (* = FAP4)

### EEC and Japan

| | |
|---|---|
| 15 | Belgium - Luxembourg (*) |
| 54 | Denmark (*) |
| 68 | France (*) |
| 78 | Federal Rep. of Germany (*) |
| 104 | Ireland(*) |
| 106 | Italy(*) |
| 110 | Japan(*) |
| 150 | Netherlands(*) |
| 229 | UK(*) |
| 888 | Total EEC |

### Developing Asia

| | |
|---|---|
| 16 | Bangladesh |
| 100 | India(*) |
| 101 | Indonesia(*) |
| 102 | Iran |
| 103 | Iraq |
| 116 | Korean Democr. Rep |
| 165 | Pakistan(*) |
| 171 | Philippines |
| 216 | Thailand |

### CMEA

| | |
|---|---|
| 27 | Bulgaria(*) |
| 51 | Czechoslovakia(*) |
| 77 | German Democratic Republic(*) |
| 97 | Hungary(*) |
| 173 | Poland(*) |
| 183 | Romania(*) |
| 228 | USSR(*) |
| 777 | Total CMEA |

### Latin America

| | |
|---|---|
| 9 | Argentina(*) |
| 21 | Brazil(*) |
| 138 | Mexico(*) |
| 170 | Peru |
| 236 | Venezuela |

### Rest of Europe

| | |
|---|---|
| 11 | Austria(*) |
| 67 | Finland(*) |
| 84 | Greece(*) |
| 162 | Norway |
| 174 | Portugal(*) |
| 203 | Spain(*) |
| 210 | Sweden(*) |
| 211 | Switzerland |
| 223 | Turkey(*) |
| 248 | Yugoslavia |

### Other Countries

| | |
|---|---|
| 10 | Australia(*) |
| 33 | Canada(*) |
| 41 | China(*) |
| 156 | New Zealand(*) |
| 202 | South Africa |
| 231 | USA(*) |

### Developing Africa

| | |
|---|---|
| 4 | Algeria |
| 59 | Egypt(*) |
| 62 | Ethiopia |
| 114 | Kenya(*) |
| 143 | Morocco |
| 159 | Nigeria(*) |
| 206 | Sudan |
| 212 | Syria |
| 215 | Tanzania |
| 222 | Tunisia |