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**The California Interindustry Fisheries (CIF) Model:  
An Economic Impact Calculator for California Fisheries**

**Volume I**

Working Paper No. P-T-5

by

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and  
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**A California Sea Grant College Program Working Paper**

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## Preface:

This working paper summarizes the results of a Sea Grant input-output analysis of California fisheries and seafood industries. It shows patterns of purchases and sales by California fishermen and seafood processors and describes interdependencies that link California fisheries to the rest of the state's economy. The analysis was conducted using the California Interindustries Fisheries (CIF) model, which is described in The California Interindustry Fisheries (CIF) Model: An Input-Output Analysis of California Fisheries and Seafood Industries, Volume II, California Sea Grant Working Paper P-T-6.

The CIF model presented here and in Volume II is based on 1980 fishery and market conditions. The model contains 19 fish harvesting sectors, 9 fish processing sectors, and 30 non-fishery sectors, as well as a household sector and import/export sectors.

This volume gives instructions for using the CIF model and presents tables that describe: 1) the species composition of fish landings by each fish harvesting sector, 2) the species composition of fish purchases by each fish processor and California household, 3) the 1980 dollar transactions between fish harvesting and processing sectors, and 4) income, production, and employment multipliers for each fish harvesting and processing sector.

The results presented here will help in evaluating the direct, indirect, and induced economic impact of California fisheries. Readers interested in the input-output relationships, the distribution of costs, or the location of markets for specific industrial sectors should refer to the second volume of this analysis.

The California Sea Grant Working Paper Series was established to make preliminary data, techniques, and reports under publication consideration available to government agencies, industry, fishermen, and the public. In a working paper, neither the research results presented nor the publication itself has undergone critical peer review according to the guidelines of the publications policy of the California Sea Grant College Program. This report is being made available to government agencies, industries, fishermen, and individuals to determine the CIF model's validity and potential applicability in determining the economic value of our fisheries resources.

## OUTLINE

I.	INTRODUCTION	1
II.	THE RESULTS OF THE CIF MODEL	3
III.	A DESCRIPTION OF THE CIF ECONOMIC IMPACT CALCULATOR	5
IV.	USING THE CIF ECONOMIC IMPACT CALCULATOR	7
TABLE 1	LIST OF INDUSTRIAL SECTORS IN THE CIF MODEL	10
TABLE 2	1980 California Landings by Species & Harvesting Sector	11
TABLE 3	PROCESSOR/SPECIES USE TABLE	12
TABLE 4	HARVESTER-PROCESSOR TRANSACTIONS	13
TABLE 5	DIRECT, INDIRECT AND INDUCED CALIFORNIA PRODUCTION PER \$ SALES AND TYPE I & TYPE II OUTPUT MULTIPLIERS FOR FISH HARVESTING SECTORS (IN \$)	14
TABLE 6	DIRECT, INDIRECT AND INDUCED CALIFORNIA PRODUCTION PER \$ SALES AND TYPE I & TYPE II OUTPUT MULTIPLIERS FOR FISH PROCESSING SECTORS (IN \$)	15
TABLE 7	DIRECT, INDIRECT AND INDUCED CALIFORNIA INCOME PER \$ SALES AND TYPE I & TYPE II INCOME MULTIPLIERS FOR FISH HARVESTING SECTORS (IN \$)	16
TABLE 8	DIRECT, INDIRECT AND INDUCED CALIFORNIA INCOME PER \$ SALES AND TYPE I & TYPE II INCOME MULTIPLIERS FOR FISH PROCESSING SECTORS (IN \$)	17
TABLE 9	DIRECT, INDIRECT AND INDUCED CALIFORNIA EMPLOYMENT PER \$ MILLION SALES AND TYPE I & TYPE II EMPLOYMENT MULTIPLIERS FOR FISH HARVESTING SECTORS (IN NUMBER OF JOBS)	18
TABLE 10	DIRECT, INDIRECT AND INDUCED CALIFORNIA EMPLOYMENT PER \$ MILLION SALES AND TYPE I & TYPE II EMPLOYMENT MULTIPLIERS FOR FISH PROCESSING SECTORS (IN NUMBER OF JOBS)	19
TABLE 11	SECTOR RANKINGS BY TYPE II MULTIPLIER FOR OUTPUT, INCOME AND EMPLOYMENT SECTOR	20
APPENDIX A	OUTLINE OF THE CALIFORNIA INDUSTRY FISHERIES (CIF) MODEL	22
	TRANSACTIONS TABLE	23
	TECHNICAL COEFFICIENTS TABLE	32
	LEONTIEFF (I-A) INVERSE TABLE	41

## I. INTRODUCTION

### The Purpose of the Model

The CIF model was designed to show how California fishing industries are linked to each other and to the rest of the California economy. By describing the flow of dollar purchase and sales from fishing and seafood industries, the model illustrates how changes in fishery related industries affect other industries and households. By adding together the impact of fisheries on all California industries, the model generates Economic Impact Multipliers that show the jobs, incomes, and sales that are generated throughout California by fishing and seafood industries. The impact calculator that is described here can be used to estimate direct, indirect, and induced economic impacts and can be applied to evaluate any conditions or policies that affect landings by California fishermen or sales by California's seafood processors. [1]

### The Design of the Model

The first step in developing the CIF model was to put all California's fish harvesting and fish processing activities into logical groups called industrial sectors. Each sector represents vessels or firms with similar characteristics and operating units in each industrial sectors are assumed to purchase and sell the same kinds of goods and services. The CIF model contains 19 fish harvesting

[1] The term indirect refers to impacts that result from interindustry purchases and sales; the term induced refers to impacts that result from changes in household income and associated purchases and sales.

sectors, 9 fish processing sectors, and 35 nonfishery sectors which represent all industrial activities in the state: they are listed in Table 1.

Transactions Data for the CIF Model

The distributions of costs and sales for each of the 19 fish harvesting sectors were estimated from a survey of California fishermen conducted during the spring of 1981 with the cooperation of the Pacific Coast Federation of Fishermen's Associations.

The distributions of costs and sales for the 9 fish processing sectors were estimated from a survey of California fish buyers (wholesalers, processors, restaurants, etc.) which was conducted during the summer of 1981 with the cooperation of the California Seafood Institute.

Costs and sales data for nonfishery sectors were acquired from U.S. Department of Commerce publications and studies by the U.S. Bureau of Labor Statistics and the U.S. Forest Service.

All fishery related costs and sales data were analyzed by industry representatives, National Marine Fishery Service and California Division of Fish and Game personnel, and Sea Grant researchers before they were used in the CIF model.



## II. THE RESULTS OF THE CIF MODEL

### The Fish Harvesting Table

Survey results were used to produce a fish harvesting table, Table 2, which shows the dollar value of 1980 fish landings in California by each of the 19 harvesting sectors. Reading across a row for a given sector shows the market value of each species of fish that was caught by that sector during 1980 and the total dollar value of 1980 landings by that sector. Reading down the column for a given species shows the dollar value of landings of that species by each of the 19 harvesting sectors and the total landed value of that species during 1980.

Note that single-purpose fleets, such as Sector 4 (Tuna Purse Seiners), caught only tuna (Species 9). On the other hand, less selective fleets, such as Sector 7 (Other Gillnetters) caught many different species. The ex-vessel value of landings by fleet and by species will normally change from year to year; Table 2 shows the distribution of the California harvest during calendar year 1980.

### The Fish Processing Table

It is assumed in the CIF model that fish harvesters in California sell their catches to fish processing sectors and make no direct sales to consumers. Sales information provided by fishermen and purchase information provided by fish buyers were used to develop Table 3 which shows the dollar value of each species of fish sold by California fishermen to California fish processors.

### The Harvester-Processor Transaction Table

Tables 2 and 3 were used to develop Table 4 which shows the value

of dollar transactions between each of the 19 fish harvesting sectors and each of the 9 fish processing sectors. It is based on the assumption that fish processors buy each species from fish harvester in proportion to each harvester's take of each species. If harvesting sector X takes 10% of Species A, then processors are assumed to make 10% of their purchases of Species A from harvesting sector X and so on.

#### The California Interindustry Fisheries (CIF) Model

Just as Table 4 shows the dollar transactions between each of the 19 fish harvesting sectors and each of the 9 fish processing sectors, the complete CIF model shows dollar transactions that link all 63 industrial sectors of the California economy. The CIF model is presented in Appendix A; it shows the 1980 dollar purchases and sales by each fishery oriented sector (Sectors 1-19 and 20-28) and how these sales are related to dollar purchases and sales by the nonfisheries sectors (Sector 29-63). The value of transactions involving California households is shown in Sector 64 and other final demand and other value added, which includes purchases and sales outside California, are shown as Sector 65.

Note that each industrial sector has a row and a column in the CIF model. Reading across the row for the given sector shows its sales (in \$ millions) to other California sectors, to California households and sales to other final demand which includes sales outside California. Reading down the column for a given sector shows its purchases (in \$ millions) from other California sectors, from California households and from outside California. The cover page for Appendix A shows how information is presented in the CIF model.

### III. A DESCRIPTION OF THE CIF ECONOMIC IMPACT CALCULATOR

In order to estimate the direct, indirect, and induced economic linkages among economic sectors and to assess the full impact of fishing oriented industries, the figures in the CIF model must be transformed from \$ transactions (as shown in Appendix A) to technical coefficients and then to multipliers. The intermediate steps required to get from \$ transactions to economic multipliers are detailed in Sea Grant Technical Report Number 81-2; only the results are described here. [2]

#### Output Multipliers

The direct, indirect, and induced sales in California per dollar of direct fish sales are shown in Table 5 for each fish harvesting sector and in Table 6 for each fish processing sector.

#### Income Multipliers

The direct, indirect, and induced personal income impacts in California are shown in Table 7 for fish harvesting sectors and in Table 8 for fish processing sectors. Columns 1-3 show the personal income generated per dollar of fish sales by each sector. The Type I and Type II multipliers (Columns 4 and 5) show the direct, indirect and induced increases in California personal income per dollar of direct personal income generated by each sector. Both sets of figures, per \$

[2] Type I multipliers and Type II multipliers are presented. Type I multipliers show the indirect impact of interindustry linkages and Type II multipliers show the indirect and induced impacts of interindustry linkages and changes in household income.

of fish sales and per \$ of direct income, can be useful in evaluating economic impacts.

### Employment Multipliers

The direct, indirect, and induced California employment impacts are shown in Table 9 for fish harvesting sectors and in Table 10 for fish processing sectors. Columns 1-3 show the number of jobs generated in California per \$ million in direct fish sales by each sector. Type I and Type II multipliers (Columns 4 and 5) show the number of jobs generated throughout the California economy for every job in a fishery related sector. Both sets of figures, per \$ million in fish sales and per direct job, can be useful in evaluating economic impacts.

To provide a reference, the Type II multipliers for fishery oriented and nonfishery sectors of the CIF model are presented in Table 11 with their approximate rank (High to Low). Any intersectoral comparisons of multipliers should be based on the values presented in this report and not to multipliers from other sources.<sup>[3]</sup>

[3] Readers who encounter economic multipliers from other sources that conflict with those presented here are encouraged to notify the authors at the Center for Marine Studies, San Diego State University (714)265-6523.

#### IV. USING THE CIF ECONOMIC IMPACT CALCULATOR

The CIF economic impact calculator is a powerful general-purpose forecasting tool which can be used for most California fisheries. However it requires the user to provide some details before each application.

The model shows the direct, indirect, and induced changes in economic production, personal income and employment per \$ million change in sales by each sector. To forecast the economic impact of specific changes in biological, economic, political, or regulatory conditions, the user is required to estimate how the planned or expected change will affect direct sales in each related sector. In most cases, the CIF economic impact calculator is then applied as follows:<sup>[4]</sup>

- STEP 1 Estimate the expected change in direct sales for each relevant sector.
- STEP 2 Look up output, income, and employment entries for each relevant sector using the per \$ fish sales columns in Tables 5, 7, and 9.
- STEP 3 Multiply the expected change in direct sales for each sector (Step 1) by the appropriate entries obtained from Tables 5-10 (Step 2).

[3] The current version of the CIF model generates economic impacts on the assumption that a change in the market value of output for a given sector is associated with a proportional change in the market value of inputs used by that sector. Where alternative assumptions are more appropriate, the CIF model needs to be modified as discussed in Sea Grant Technical Report Number 81-2.

STEP 4 Add the results of Step 3, which provides be the estimate of overall economic impact in the State of California.

An Illustration of the CIF Economic Impact Calculator

Suppose that increased fishing by California salmon/albacore vessels was expected to increase albacore landings by 2,000 tons. At 1980 prices this would mean a \$3.5 million increase in fish sales by Sector 11. Assuming that the change is not expected to have any significant impact on the value of landings by other California fisheries, the sequence of steps for evaluating economic impacts is as follows:

STEP 1 Question: What is the direct impact of the proposed or expected change?

Answer: Increased sales of \$3.5 million by Sector 11.

STEP 2 Question: What are the appropriate multipliers to use in this case?

Answer: The multipliers presented for Sector 11 in Tables 5, 7, 9.

	From Table 5	From Table 7	From Table 7
	Output Per \$ Fish Sales (Sector 11)	Income Per \$ Fish Sales (Sector 11)	Employment Per \$ Fish Sales (Sector 11)
Direct (D)	1.00000	.43754	76.90
Direct & Indirect (D & I)	1.71981	.64096	85.51
Direct, Indirect & Induced (D & I & IN)	3.55428	.88971	98.30

STEP 3 Question: How are economic impacts calculated from Steps 1 and 2?

Answer: Multiply the direct change in Sector Sales (Step 1) by the per \$ fish sales multipliers (Step 2).

	California Output Impacts (\$ Millions)	California Income Impacts (\$ Millions)	California Employment Impacts
Direct	\$3.5	\$1.5314	269
Direct & Indirect	6.0193	2.2434	299
Direct, Indirect & Induced	12.440	3.1140	344

STEP 4 Question: Are fish sales by any other sector directly affected by the proposed or expected conditions?

Answer: If no: Stop

If yes: Repeat Steps 1-3 for new sector(s) and add results to those computed for Sector 11.

(In this example the answer is NO and the evaluation of changes in Sector 11 is all that is required.)

#### INTERPRETATION

If direct, indirect, and induced economic impacts are considered, a 2000 ton increase in albacore landings by California salmon/albacore trollers generates:

\$12,440,000 in increased economic production in California

\$3,114,000 in increased personal income in California

344 new jobs in California

#### A NOTE OF CAUTION; GARBAGE IN - GARBAGE OUT

The CIF calculator forecasts indirect and induced impacts on the basis of changes in sales that the user specifies in Step 1. If these changes in direct sales are inaccurate or incomplete, the CIF calculator will produce unreliable forecasts. Results from any specific application of the CIF calculator are only as dependable as the assumptions or estimates used in Step 1.

TABLE 1: LIST OF INDUSTRIAL SECTORS IN THE CIF MODEL

FISH HARVESTING SECTORS

<u>SECTOR #</u>		<u>SECTOR #</u>	
1.	Groundfish Trawlers, N.	11.	Salmon/Albacore
2.	Groundfish Trawlers, S.	12.	Long-Liners
3.	Shrimp Trawlers	13.	Black Cod Pots
4.	Tuna Purse Seiners	14.	Crab/Lobster, N.
5.	Wetfish Seiners	15.	Crab/Lobster, S.
6.	Herring Gillnetters	16.	Baitboats, Tuna
7.	Other Gillnetters	17.	Jigboats, Tuna
8.	Small Salmon Trollers	18.	Diveboats
9.	Large Salmon Trollers	19.	Harpoon, Billfish
10.	Salmon/Crabbers		

FISH PROCESSING SECTORS

<u>SECTOR #</u>		<u>SECTOR #</u>	
20.	Fish Whsl., Proc., Dist., Sm.	25.	Seafood Restaurants
21.	Fish Whsl., Proc., Dist., Med.	26.	Other Eat and Drink
22.	Fish Whsl., Proc., Dist., Lg.	27.	Seafood Markets
23.	Fish Import/Export Brokers	28.	Other Food and Kindred Products
24.	Tuna Cannery		

NONFISHERY SECTORS

<u>SECTOR #</u>		<u>SECTOR #</u>	
29.	Forestry and Other Fishing	47.	Textiles
30.	Forestry/Fish Services	48.	Apparel
31.	Petfood	49.	Paper
32.	Animal and Marine Fats	50.	Printing
33.	Ship and Boat	51.	Chemical
34.	Motor Freight	52.	Petroleum
35.	Agricultural	53.	Rubber and Plastics
36.	Mining	54.	Leather
37.	Construction	55.	Telephone and Public Utilities
38.	Lumber	56.	Wholesale Traders
39.	Furniture	57.	Retail Traders
40.	Glass, Stone, Clay	58.	Insurance
41.	Metal	59.	Finance
42.	Non-Electric Machines	60.	Services
43.	Electric Equipment	61.	Federal Government Enterprise
44.	Transportation Equipment	62.	State and Local Government Enterprises
45.	Instruments	63.	Scrap (Dummy Sector)
46.	Miscellaneous Mfg. Goods	64.	Households
		65.	Other Final Demand (Column) Other Value Added (Row)
		66.	Total Outputs (Column) Total Inputs (Row)



TABLE 2: 1980 California Landings by Species &amp; Harvesting Sector (000\$)

SPECIES	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
CRUSTACEANS	10.876	101.695	2483.711	0.000	0.000	247.993	289.082	0.000	51.426	683.974
MOLLUSCS	0.000	0.000	0.000	0.000	2450.367	0.000	2524.509	0.000	0.000	0.000
FLATFISH	7067.739	640.177	177.163	0.000	0.000	31.421	341.933	1.612	0.010	0.446
WETFISH	0.000	0.000	0.000	0.000	15750.020	23425.070	0.000	0.000	53.657	401.754
SABLE/ROCK FISH	3373.356	979.892	0.000	0.000	0.000	18.986	295.938	9.771	70.592	22.357
SHARK/RAY/SKATE	6.416	1376.835	0.000	0.000	0.000	205.838	5219.191	1.949	1.559	0.000
SALMON	193.210	166.056	0.257	0.000	0.000	4116.614	143.112	1309.708	3674.715	1391.233
BILLFISH	0.000	129.446	0.000	0.000	0.000	28.479	455.394	2.662	243.934	0.000
TUNA	4.626	91.167	0.000	196667.594	1963.531	1028.826	1125.625	31.881	1320.277	381.080
COD	0.000	0.419	0.000	0.000	0.000	2.092	0.000	4.999	5.750	3.564
BASS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PERCH	0.000	0.000	0.000	0.000	0.000	0.000	1527.915	0.000	0.000	0.000
OTHER	0.000	1.596	0.000	0.000	0.000	0.000	0.180	0.000	0.010	0.000
TOTAL	10656.223	3487.283	2661.131	196667.594	20163.920	29105.319	11922.880	1362.582	5431.930	2884.410

SPECIES	11.	12.	13.	14.	15.	16.	17.	18.	19.	TOTAL
CRUSTACEANS	5.635	0.000	0.000	1956.152	1463.871	0.000	90.911	16.674	165.999	7578.000
MOLLUSKS	0.000	0.000	0.000	0.230	0.000	0.000	18.868	3939.646	7.379	6941.000
FLATFISH	0.001	0.000	197.010	166.503	11.275	0.000	0.000	64.618	0.092	8700.000
WETFISH	0.000	0.000	0.000	0.000	142.736	0.000	649.764	0.000	0.000	40433.000
SABLE/ROCK FISH	1.350	20.634	8610.683	29.537	3.037	40.281	162.263	0.000	23.320	13662.000
SHARK/RAY/SKATE	0.000	0.913	12.732	139.842	15.481	0.000	0.000	29.506	110.740	7121.000
SALMON	569.224	53.727	979.708	325.299	0.186	115.199	59.151	5.205	45.393	13148.000
BILLFISH	0.000	0.000	0.000	0.000	29.885	0.000	21.748	428.595	2166.858	3507.000
TUNA	2244.766	12.360	1.308	167.337	0.000	10430.910	2162.522	75.640	13.532	217723.000
COD	0.000	23.332	1.430	0.482	0.000	0.000	43.868	0.000	1.463	87.500
BASS	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PERCH	0.000	0.000	0.000	0.000	9.085	0.000	0.000	0.000	0.000	1537.000
OTHER	0.000	0.000	0.001	0.001	0.000	0.000	0.014	3.199	0.000	5.000
TOTAL	2820.976	111.017	9802.921	2795.383	1675.557	10586.380	3209.109	4563.083	2554.776	322442.230

## HARVESTING SECTOR

1. Groundfish Trawl N.	11. Salmon/Albacore Troller
2. Groundfish Trawl S.	12. Long-Liners
3. Shrimp Trawler	13. Black Cod Pots
4. Tuna Purse-Seiner	14. Crab/Lobster, Northern
5. Wetfish Seiner	15. Crab/Lobster, Southern
6. Herring Gillnetter	16. Baitboats
7. Other Gillnetter	17. Jigboats
8. Salmon Troller/Small	18. Diveboats Misc.
9. Salmon Troller/Large	19. Harpoon-Billfish
10. Salmon Troller/Crabber	

TABLE 3: PROCESSOR/SPECIES USE TABLE

California Fish Purchases by Species for Fish Processing Sectors (in Thousands of Dollars)  
(Includes only direct purchases from California Harvestors)

SPECIES	FISH PROCESSING SECTORS (by Number)						TOTAL PURCHASES
	20.	21.	22.	23.	24.	25-28*	
CRUSTACEANS	267.500	2352.200	4958.300	0.000	0.000	0.000	7578.000
MOLLUSKS	313.100	2753.200	5803.500	71.200	0.000	0.000	8941.000
FLATFISH	307.100	2700.500	5692.400	0.000	0.000	0.000	8700.000
WETFISH	0.000	0.000	0.000	19081.000	21352.000	0.000	40433.000
SABLE/ROCK FISH	445.600	3917.900	8258.500	1040.000	0.000	0.000	13662.000
SHARK/RAYS/SKATES	251.400	2210.400	4659.200	0.000	0.000	0.000	7121.000
SALMON	464.100	4081.200	8602.700	0.000	0.000	0.000	13148.000
BILLFISH	123.800	1088.600	2294.600	0.000	0.000	0.000	3507.000
TUNA	1.960	984.900	681.100	0.000	216055.094	0.000	217723.000
COD	3.090	27.160	57.250	0.000	0.000	0.000	87.500
BASS	0.700	6.200	13.100	0.000	0.000	0.000	20.000
PERCH	54.200	477.100	1005.700	0.000	0.000	0.000	1537.000
OTHER	0.200	1.500	8.300	0.000	0.000	0.000	5.000
TOTAL	2232.750	20600.859	42029.660	20192.199	237407.094	0.000	322462.500

FISH PROCESSING SECTORS

- |  |                                     |
|--|-------------------------------------|
| 20. Small Wholesalers, Processors, Distributors  | 25. Seafood Restaurants             |
| 21. Medium Wholesalers, Processors, Distributors | 26. Other Eat and Drink             |
| 22. Large Wholesalers, Processors, Distributors  | 27. Seafood Markets                 |
| 23. Import/Export Brokers                        | 28. Other Food and Kindred Products |
| 24. Tuna Cannerys                                |                                     |

\* NOTE: It is assumed for the CIF Model that Other Fish Processors (Sectors 25-28) buy all fish products from Wholesalers, Processors, Distributors and Import/Export Brokers (Sectors 20-23).

TABLE 4: HARVESTER-PROCESSOR TRANSACTIONS

1980 Sales by Harvesting Sectors to Processing Sectors (in Thousands of Dollars)

## DIRECT PURCHASE PROCESSING SECTORS (by Number)

HARVESTING SECTORS	20	21	22	23	24	25-28 *	TOTAL
1) GROUND FISH TRAWLERS, N.	366.939	3226.593	6801.308	256.792	4.591	0.000	10656.223
2) GROUND FISH TRAWLERS, S.	117.266	1031.41	2173.547	74.593	90.469	0.000	3487.285
3) SHRIMP TRAWLERS	93.937	826.012	1741.182	0.000	0.000	0.000	2661.131
4) TUNA PURSE-SEINERS	1.77	889.653	615.232	0.000	195161	0.000	196667.655
5) WET FISH SEINERS	85.826	763.423	1596.648	7452.208	10265.81	0.000	20163.915
6) HERRING GILLNETTERS	164.147	1448.028	3045.686	11056.12	13391.34	0.000	29105.321
7) OTHER GILLNETTERS	379.614	3343.38	7040.254	42.631	1117.002	0.000	11922.881
8) SMALL SALMON TROLLERS	46.945	412.969	870.286	.744	31.636	0.000	1362.58
9) LARGE SALMON TROLLERS	142.71	1260.821	2649.204	35.414	1343.779	0.000	5431.928
10) SALMON/CRABBERS	74.126	653.53	1375.137	191.296	590.32	0.000	2884.409
11) SALMON/ALBACORE	20.356	188.981	383.968	.103	2227.569	0.000	2820.977
12) LONG-LINERS	3.428	30.192	63.561	1.571	12.265	0.000	111.017
13) BLACK COD POTS	322.884	2838.992	5984.272	655.476	1.298	0.000	9802.922
14) CRAB/LOBSTER, N.	92.691	815.804	1718.583	2.25	166.055	0.000	2795.383
15) CRAB/LOBSTER, S.	54.1	475.714	1002.776	67.591	75.376	0.000	1675.557
16) BAITBOATS	5.474	94.495	132.354	3.066	10351	0.000	10586.389
17) JIGBOATS	13.587	129.076	258.224	319.137	2489.085	0.000	3209.109
18) DIVEBOATS	157.314	1383.483	2915.853	31.373	75.061	0.000	4563.084
19) HARPOON-BILLFISH	88.937	782.103	1648.472	1.834	13.429	0.000	2534.775
TOTAL	2232.051	20594.659	42016.547	20192.199	237407.085	0.000	322442.541

## FISH PROCESSING SECTORS

- 20. Small Wholesalers, Processors, Distributors
- 21. Medium Wholesalers, Processors, Distributors
- 22. Large Wholesalers, Processors, Distributors
- 23. Import/Export Brokers
- 24. Tuna Cannery

- 25. Seafood Restaurants
- 26. Other Eat and Drink
- 27. Seafood Markets
- 28. Other Food and Kindred Products

\* It is assumed for the CIF Model that Other Fish Processors (25-28) buy all fish products from Wholesalers, Processors, Distributors and Import-Export Brokers (20-23).

TABLE 5: DIRECT, INDIRECT AND INDUCED CALIFORNIA PRODUCTION  
PER \$ SALES AND TYPE I & TYPE II OUTPUT  
MULTIPLIERS FOR FISH HARVESTING SECTORS (IN \$ )

SECTOR	CALIFORNIA \$ OUTPUT PER \$ OF EXVESSEL FISH SALES	CALIF. OUTPUT MULTIPLIERS				
		TYPE I	TYPE II			
#	TITLE	D	D+I	D+I+IN	TYPE I	TYPE II
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
1	GROUND FISH TRAWLERS, N	1.00000	1.70599	3.70070	1.70599	3.70070
2	GROUND FISH TRAWLERS, S	1.00000	1.43814	3.69672	1.43814	3.69672
3	SHRIMP TRAWLERS	1.00000	1.50688	3.78667	1.50688	3.78667
4	TUNA PURSE-SEINERS	1.00000	1.51361	3.66256	1.51361	3.66256
5	WET FISH SEINERS	1.00000	1.63639	3.77111	1.63639	3.77111
6	HERRING GILLNETTERS	1.00000	1.41686	3.46268	1.41686	3.46268
7	OTHER GILLNETTERS	1.00000	1.57921	3.70386	1.57921	3.70386
8	SMALL SALMON TROLLERS	1.00000	1.75444	3.53162	1.75444	3.53162
9	LARGE SALMON TROLLERS	1.00000	1.56205	3.56410	1.56205	3.56410
10	SALMON/CRABBERS	1.00000	1.44542	3.54335	1.44542	3.54335
11	SALMON/ALBACORE	1.00000	1.71981	3.55432	1.71981	3.55432
12	LONG-LINERS	1.00000	1.89111	4.02240	1.89111	4.02240
13	BLACK COD POTS	1.00000	1.83778	3.53063	1.83778	3.53063
14	CRAB/LOBSTER, N	1.00000	1.85766	3.69648	1.85766	3.69648
15	CRAB/LOBSTER, S	1.00000	1.92803	3.54341	1.92803	3.54341
16	BAITBOATS, TUNA	1.00000	1.38374	3.53314	1.38374	3.53314
17	JIGBOATS, TUNA	1.00000	2.04611	3.75166	2.04611	3.75166
18	DIVEBOATS	1.00000	1.47159	3.91117	1.47159	3.91117
19	HARPOON, BILLFISH	1.00000	1.80203	3.53327	1.80203	3.53327

## LEGEND:

D - DIRECT OUTPUT GENERATED PER \$ SALES

I - INDIRECT OUTPUT GENERATED PER \$ SALES

IN - INDUCED OUTPUT GENERATED PER \$ SALES

TYPE I MULTIPLIER -  $(D+I)/D$ , i.e. the direct and indirect output generated by \$1 additional sales, (in \$).

TYPE II MULTIPLIER -  $(D+I+IN)/D$ , i.e. the direct, indirect and induced output generated by \$1 additional sales, (in \$).

TABLE 6: DIRECT, INDIRECT AND INDUCED CALIFORNIA PRODUCTION  
PER \$ SALES AND TYPE I & TYPE II OUTPUT  
MULTIPLIERS FOR FISH PROCESSING SECTORS (IN \$ )

#	SECTOR TITLE	CALIFORNIA \$ OUTPUT PER \$ OF PROCESSED FISH SALES			CALIF. OUTPUT MULTIPLIERS	
		D	D+I	D+I+IN	TYPE I	TYPE II
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
20	FISH WHSL, PROC, DIST, SM	1.00000	2.26487	4.13263	2.26487	4.13263
21	FISH WHSL, PROC, DIST, MED	1.00000	2.33640	3.98757	2.33640	3.98757
22	FISH WHSL, PROC, DIST, LG	1.00000	2.23159	4.10813	2.23159	4.10813
23	FISH IMP/EXP, BROKERS	1.00000	1.21727	1.76964	1.21727	1.76964
24	TUNA CANNERS	1.00000	1.98388	3.67403	1.98388	3.67403
25	SEAFOOD RESTAURANTS	1.00000	1.55783	3.38266	1.55783	3.38266
26	OTHER EAT & DRINK	1.00000	1.63165	2.78581	1.63165	2.78581
27	SEAFOOD MARKETS	1.00000	1.96610	3.15354	1.96610	3.15354
28	OTHER FOOD & KINDRED PROC	1.00000	2.26058	3.64215	2.26058	3.64215

## LEGEND:

D - DIRECT OUTPUT GENERATED PER \$ SALES  
I - INDIRECT OUTPUT GENERATED PER \$ SALES  
IN - INDUCED OUTPUT GENERATED PER \$ SALES

TYPE I MULTIPLIER -  $(D+I)/D$ , i.e. the direct and indirect output generated by \$1 additional sales, (in \$).

TYPE II MULTIPLIER -  $(D+I+IN)/D$ , i.e. the direct, indirect and induced output generated by \$1 additional sales, (in \$).

TABLE 7: DIRECT, INDIRECT AND INDUCED CALIFORNIA INCOME  
PER \$ SALES AND TYPE I & TYPE II INCOME  
MULTIPLIERS FOR FISH HARVESTING SECTORS (IN \$ )

SECTOR		CALIFORNIA INCOME PER \$ OF EXVESSEL FISH SALES			CALIF. INCOME MULTIPLIERS	
#	TITLE	D	D+I	D+I+IN	TYPE I	TYPE II
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
1	GROUND FISH TRAWLERS, N	.49294	.69693	0.96741	1.41383	1.96253
2	GROUND FISH TRAWLERS, S	.67580	.78913	1.09539	1.16770	1.62088
3	SHRIMP TRAWLERS	.64918	.79654	1.10567	1.22699	1.70318
4	TUNA PURSE-SEINERS	.61134	.75082	1.04222	1.22816	1.70481
5	WET FISH SEINERS	.59010	.74585	1.03531	1.26394	1.75447
6	HERRING GILLNETTERS	.58986	.71479	0.99220	1.21179	1.68209
7	OTHER GILLNETTERS	.57328	.74233	1.03042	1.29488	1.79742
8	SMALL SALMON TROLLERS	.38715	.62093	0.86191	1.60385	2.22630
9	LARGE SALMON TROLLERS	.53656	.69950	0.97099	1.30368	1.80965
10	SALMON/CRABBERS	.60276	.73300	1.01748	1.21607	1.68803
11	SALMON/ALBACORE	.43754	.64095	0.88971	1.46490	2.03343
12	LONG-LINERS	.54830	.74466	1.03366	1.35812	1.88521
13	BLACK COD POTS	.34522	.59147	0.82102	1.71332	2.37826
14	CRAB/LOBSTER, N	.38040	.64247	0.89181	1.68892	2.34440
15	CRAB/LOBSTER, S	.28389	.56440	0.78345	1.98810	2.75969
16	BAITBOATS, TUNA	.64666	.75099	1.04244	1.16133	1.61204
17	JIGBOATS, TUNA	.28052	.59591	0.82718	2.12430	2.94875
18	DIVEBOATS	.71880	.85237	1.18318	1.18583	1.64605
19	HARPOON, BILLFISH	.37070	.60460	0.83925	1.63096	2.26395

## LEGEND:

D - DIRECT INCOME GENERATED PER \$ SALES  
I - INDIRECT INCOME GENERATED PER \$ SALES  
IN - INDUCED INCOME GENERATED PER \$ SALES

TYPE I MULTIPLIER -  $(D+I)/D$ , i.e. the direct and indirect income generated by \$1 additional direct income, (in \$).

TYPE II MULTIPLIER -  $(D+I+IN)/D$ , i.e. the direct, indirect and induced income generated by \$1 additional direct income, (in \$).

TABLE 8: DIRECT, INDIRECT AND INDUCED CALIFORNIA INCOME  
PER \$ SALES AND TYPE I & TYPE II INCOME  
MULTIPLIERS FOR FISH PROCESSING SECTORS (IN \$ )

SECTOR		CALIFORNIA INCOME PER \$ OF PROCESSED FISH SALES			CALIF. INCOME MULTIPLIERS	
#	TITLE	D	D+I	D+I+IN	TYPE I	TYPE II
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
20	FISH WHSL, PROC, DIST, SM	.16624	.65260	0.90587	3.92564	5.44919
21	FISH WHSL, PROC, DIST, MED	.09922	.57691	0.80082	5.81450	8.07112
22	FISH WHSL, PROC, DIST, LG	.21579	.65565	0.91011	3.03837	4.21757
23	FISH IMP/EXP, BROKERS	.10170	.19300	0.26790	1.89769	2.63419
24	TUNA CANNERS	.16051	.59054	0.81973	3.67915	5.10704
25	SEAFOOD RESTAURANTS	.47057	.63758	0.88502	1.35490	1.88074
26	OTHER EAT & DRINK	.24878	.40325	0.55976	1.62092	2.25000
27	SEAFOOD MARKETS	.15277	.41489	0.57591	2.71579	3.76980
28	OTHER FOOD & KINDRED PROC	.19176	.48271	0.67005	2.51725	3.49420

## LEGEND:

D - DIRECT INCOME GENERATED PER \$ SALES  
I - INDIRECT INCOME GENERATED PER \$ SALES  
IN - INDUCED INCOME GENERATED PER \$ SALES

TYPE I MULTIPLIER -  $(D+I)/D$ , i.e. the direct and indirect income generated by \$1 additional direct income, (in \$).

TYPE II MULTIPLIER -  $(D+I+IN)/D$ , i.e. the direct, indirect and induced income generated by \$1 additional direct income, (in \$).

TABLE 9: DIRECT, INDIRECT AND INDUCED CALIFORNIA EMPLOYMENT  
PER \$ MILLION SALES AND TYPE I & TYPE II EMPLOYMENT  
MULTIPLIERS FOR FISH HARVESTING SECTORS (IN NUMBER OF JOBS )

SECTOR #	TITLE	# OF JOBS CREATED IN CALIFORNIA PER \$ MILLION OF EXVESSEL FISH SALES			CALIF. EMPLOYMENT MULTIPLIERS	
		D Col. 1	D+I Col. 2	D+I+IN Col. 3	TYPE I Col. 4	TYPE II Col. 5
1	GROUND FISH TRAWLERS, N	77.30	85.77	100.76	1.10962	1.30355
2	GROUND FISH TRAWLERS, S	10.10	15.06	32.04	1.49179	3.17242
3	SHRIMP TRAWLERS	23.10	29.34	46.47	1.26999	2.01171
4	TUNA PURSE-SEINERS	6.00	11.86	28.01	1.97594	4.66770
5	WET FISH SEINERS	58.60	66.18	82.22	1.12927	1.40305
6	HERRING GILLNETTERS	28.10	33.25	48.62	1.18326	1.73042
7	OTHER GILLNETTERS	79.30	86.24	102.21	1.08754	1.28890
8	SMALL SALMON TROLLERS	362.50	372.29	385.65	1.02701	1.06386
9	LARGE SALMON TROLLERS	53.40	60.31	75.35	1.12935	1.41112
10	SALMON/CRABBERS	127.90	133.31	149.07	1.04228	1.16555
11	SALMON/ALBACORE	76.00	84.51	98.30	1.11201	1.29342
12	LONG-LINERS	358.30	366.74	382.75	1.02355	1.06825
13	BLACK COD POTS	11.00	21.13	33.85	1.92047	3.07708
14	CRAB/LOBSTER, N	54.20	65.18	79.00	1.20261	1.45759
15	CRAB/LOBSTER, S	200.10	211.72	223.86	1.05809	1.11876
16	BAITBOATS, TUNA	44.40	48.85	65.01	1.10031	1.46413
17	JIGBOATS, TUNA	48.10	61.65	74.46	1.28165	1.54814
18	DIVEBOATS	180.50	186.09	204.43	1.03099	1.13257
19	HARPOON, BILLFISH	89.50	99.14	112.14	1.10768	1.25298

## LEGEND:

D - DIRECT EMPLOYMENT GENERATED PER MILLION \$ SALES  
I - INDIRECT EMPLOYMENT GENERATED PER MILLION \$ SALES  
IN - INDUCED EMPLOYMENT GENERATED PER MILLION \$ SALES

TYPE I MULTIPLIER -  $(D+I)/D$ , i.e. the direct and indirect employment generated by each additional direct job created.  
TYPE II MULTIPLIER -  $(D+I+IN)/D$ , i.e. the direct, indirect and induced employment generated by each additional direct job created.



TABLE 10: DIRECT, INDIRECT AND INDUCED CALIFORNIA EMPLOYMENT  
PER \$ MILLION SALES AND TYPE I & TYPE II EMPLOYMENT  
MULTIPLIERS FOR FISH PROCESSING SECTORS, (IN NUMBER OF JOBS)

#	SECTOR TITLE	# OF JOBS CREATED IN CALIFORNIA PER \$ MILLION OF PROCESSED FISH SALES			CALIF. EMPLOYMENT MULTIPLIERS	
		D Col. 1	D+I Col. 2	D+I+IN Col. 3	TYPE I Col. 4	TYPE II Col. 5
20	FISH WHSL, PROC, DIST, SM	16.50	60.24	74.27	3.65066	4.50140
21	FISH WHSL, PROC, DIST, MED	7.30	48.19	60.59	6.60082	8.30075
22	FISH WHSL, PROC, DIST, LG	12.10	55.42	69.52	4.58011	5.74566
23	FISH IMP/EXP, BROKERS	2.50	8.34	12.50	3.33795	4.99851
24	TUNA CANNERS	10.20	23.21	35.91	2.27545	3.52078
25	SEAFOOD RESTAURANTS	54.00	62.84	76.55	1.16364	1.41761
26	OTHER EAT & DRINK	54.20	64.50	73.17	1.19444	1.35508
27	SEAFOOD MARKETS	15.20	35.75	44.68	2.35200	2.93932
28	OTHER FOOD & KINDRED PROC	29.02	45.05	55.43	1.80926	2.22626

## LEGEND.

D - DIRECT EMPLOYMENT GENERATED PER MILLION \$ SALES  
I - INDIRECT EMPLOYMENT GENERATED PER MILLION \$ SALES  
IN - INDUCED EMPLOYMENT GENERATED PER MILLION \$ SALES

TYPE I MULTIPLIER -  $(D+I)/D$ , i. e. the direct and indirect employment generated by each additional direct job created.  
TYPE II MULTIPLIER -  $(D+I+IN)/D$ , i. e. the direct, indirect and induced employment generated by each additional direct job created.

TABLE 11: SECTOR RANKINGS BY TYPE II MULTIPLIER FOR OUTPUT, INCOME AND EMPLOYMENT

#	SECTOR TITLE	OUTPUT MULT.				INCOME MULT.				EMPLOY. MULT.				
		R	A	N	K	R	A	N	K	R	A	N	K	
1	GROUND FISH TRAWLERS, N	11	3	7	0	11	1	9	6	25	1	3	0	3
2	GROUND FISH TRAWLERS, S	12	3	6	9	12	1	6	2	28	1	1	7	2
3	SHRIMP TRAWLERS	6	3	7	8	6	3	7	8	55	2	0	1	1
4	TUNA PURSE-SEINERS	16	3	6	6	16	3	6	6	54	4	6	6	7
5	WETFISH SEINERS	7	3	7	7	7	1	7	5	53	1	4	0	3
6	HERRING GILLNETTERS	30	3	4	6	30	1	6	8	57	1	7	3	0
7	OTHER GILLNETTERS	10	3	7	0	10	1	7	9	51	1	2	8	8
8	SMALL SALMON TROLLERS	27	3	5	3	27	2	6	6	30	1	0	6	3
9	LARGE SALMON TROLLERS	21	3	5	6	21	1	8	0	50	1	4	1	1
10	SALMON/CRABBERS	24	3	5	4	24	1	6	8	56	1	1	6	5
11	SALMON/ALBACORE	22	3	5	4	22	2	0	3	44	1	2	9	3
12	LONG-LINERS	3	4	0	2	3	1	8	5	48	1	0	6	8
13	BLACK COD POTS	28	3	5	3	28	2	3	7	24	3	0	7	0
14	CRAB/LOBSTER, N	13	3	6	9	13	2	3	4	29	1	4	5	7
15	CRAB/LOBSTER, S	23	3	5	4	23	2	7	5	14	1	1	1	8
16	BAITBOATS, TUNA	26	3	5	3	26	1	6	1	61	1	4	6	4
17	JIGBOATS, TUNA	8	3	7	5	8	2	9	4	12	1	4	6	4
18	DIVEBOATS	5	3	9	1	5	1	6	4	58	1	5	4	8
19	HARPOON, BILLFISH	25	3	5	3	25	2	6	3	32	1	2	5	2
20	FISH WHSL, PROC, DIST, SM	1	4	1	3	1	5	4	9	2	4	5	0	1
21	FISH WHSL, PROC, DIST, MED	4	4	1	3	4	8	0	7	1	8	3	0	7
22	FISH WHSL, PROC, DIST, LG	2	4	1	0	2	4	2	1	5	5	7	4	5
23	FISH IMP/EXP, BROKERS	61	1	7	6	61	2	6	3	16	4	9	9	8
24	TUNA CANNERS	14	3	6	7	14	5	1	0	4	3	5	2	0
25	SEAFOOD RESTAURANTS	32	3	6	7	32	1	8	0	49	1	4	1	7
26	OTHER EAT & DRINK	57	2	7	8	57	2	5	0	36	1	3	5	0
27	SEAFOOD MARKETS	43	3	1	5	43	3	7	6	6	2	9	3	9
28	OTHER FOOD & KINDRED PROC	17	3	6	4	17	3	4	9	8	2	2	2	6

TABLE 11: SECTOR RANKINGS BY TYPE II MULTIPLIER FOR OUTPUT, INCOME AND EMPLOYMENT

#	SECTOR	TITLE	OUTPUT				INCOME				EMPLOY.			
			MULT.	RANK	RANK	RANK	MULT.	RANK	RANK	RANK	MULT.	RANK	RANK	RANK
29		FORESTRY & OTHER FISHING	3. 27784	40	2. 25847	34	1. 94649	39						
30		FORESTRY/FISH SERVICES	3. 31700	35	2. 19926	38	1. 16789	57						
31		PETFOOD	3. 29757	38	2. 95628	11	4. 19454	9						
32		ANIMAL & MARINE FATS	3. 74330	9	2. 90314	13	4. 47530	8						
33		SHIP & BOAT	3. 47344	29	2. 34610	28	2. 41592	28						
34		MOTOR FREIGHT	3. 14347	44	1. 88882	47	2. 10509	34						
35		AGRICULTURE	2. 68047	58	3. 76047	7	2. 55874	27						
36		MINING	2. 27013	59	2. 40277	22	3. 29065	14						
37		CONSTRUCTION	3. 42032	31	2. 23766	37	3. 33747	13						
38		LUMBER	3. 57500	20	3. 03451	9	2. 88023	21						
39		FURNITURE	3. 62440	18	2. 36195	26	1. 86553	41						
40		GLASS, STONE, CLAY	3. 32866	34	2. 26529	31	2. 62703	23						
41		METAL	3. 27884	39	2. 25352	35	3. 21507	15						
42		NON-ELECTRIC MACHINES	3. 30179	37	2. 09014	39	1. 96402	38						
43		ELECTRIC EQUIPMENT	3. 67144	15	2. 36094	27	3. 53510	11						
44		TRANSPORTATION EQUIPT	3. 34174	33	2. 63111	17	2. 60607	24						
45		INSTRUMENTS	3. 11084	47	2. 08048	40	2. 57174	26						
46		MISC. MNFG. GOODS	2. 97771	50	2. 49061	19	2. 28504	32						
47		TEXTILES	2. 78973	56	2. 39703	23	2. 40399	29						
48		APPAREL	2. 86585	53	2. 04234	43	1. 64877	45						
49		PAPER	2. 93769	52	2. 42667	21	3. 02757	18						
50		PRINTING	3. 18842	41	2. 06803	41	2. 30067	31						
51		CHEMICAL	3. 06944	48	3. 00360	10	4. 02944	10						
52		PETROLEUM	1. 78398	60	5. 21907	3	5. 84867	3						
53		RUBBER & PLASTIC	3. 17287	42	2. 26367	33	2. 31120	30						
54		LEATHER	3. 30997	36	2. 37140	25	1. 93900	40						
55		TELEPHONE/PUB UTIL	3. 01894	49	2. 06380	42	2. 57413	25						
56		WHOLESALE TRADERS	2. 85079	55	1. 75925	52	2. 02169	35						
57		RETAIL TRADERS	2. 86550	54	1. 63352	59	1. 83711	42						
58		INSURANCE	3. 11634	46	2. 67360	15	2. 99467	19						
59		FINANCE	1. 76743	62	2. 62839	18	2. 86119	22						
60		SERVICES	3. 12559	45	1. 91167	46	1. 96783	37						
61		FED GOVERNMENT	3. 58452	19	1. 53619	62	1. 69985	44						
62		ST & LOC GOVERNMENT	2. 97688	51	2. 42990	20	9. 06326	1						

OUTLINE OF THE CALIFORNIA INDUSTRY FISHERIES (CIF) MODEL

	FISH HARVESTING SECTORS 1.....19	FISH PROCESSING SECTORS 20.....28	CALIFORNIA NON-FISHERY INDUSTRIES 29.....63	CALIFORNIA HOUSEHOLDS 64	EXPORT SALES 65	TOTAL SALES 66
<u>ISH HARVESTING SECTORS</u>						
1.						
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19.						
<u>ISH PROCESSING SECTORS</u>						
20.						
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28.						
<u>CALIFORNIA NON-FISHERY SECTORS</u>						
29.						
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.						
.						
63.						
<u>PURCHASES FROM CALIFORNIA HOUSEHOLDS</u>						
64.						
<u>PURCHASES FROM OUTSIDE CALIFORNIA</u>						
65.						
<u>TOTAL PURCHASES</u>						
66.						

Transactions Table (Rows 1-66, Columns 1-8)

ROW/COL	1	2	3	4	5	6	7	8
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.98	0.35	0.25	16.38	1.25	1.74	0.86	0.21
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.87	0.02	0.10	0.30	0.00	0.00	0.00	0.00
42	0.28	0.01	0.04	0.00	0.00	1.12	0.93	0.09
43	0.03	0.00	0.00	0.00	0.00	0.21	0.34	0.02
44	0.01	0.00	0.00	0.00	0.00	0.02	0.04	0.00
45	0.09	0.00	0.01	0.00	0.04	0.01	0.01	0.00
46	0.08	0.00	0.01	0.00	0.00	0.07	0.11	0.01
47	0.00	0.00	0.00	0.00	0.49	0.07	0.09	0.01
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.55	0.16	0.14	13.61	1.37	0.52	0.36	0.06
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.10	0.00	0.01	0.00	0.00	0.00	0.00	0.00
56	0.52	0.10	0.10	8.40	0.22	1.07	0.34	0.05
57	0.68	0.13	0.13	11.09	0.00	0.99	0.28	0.07
58	0.00	0.00	0.00	0.00	0.00	1.31	0.37	0.09
59	0.67	0.24	0.07	6.32	0.19	1.12	0.53	0.03
60	0.00	0.00	0.00	0.00	0.87	0.00	0.00	0.00
61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00
63	5.25	2.26	1.73	121.71	10.24	18.57	6.72	0.53
64	0.54	0.12	0.07	10.40	0.24	4.45	0.19	0.19
65	10.66	3.49	2.66	198.14	17.75	31.47	11.71	1.36
66								

ROW/CDL	9	10	11	12	13	14	15	16
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.59	0.20	0.30	0.01	1.06	0.50	0.28	0.77
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.21	0.11	0.15	0.00	1.13	0.25	0.11	0.02
42	0.06	0.03	0.05	0.00	0.39	0.08	0.03	0.00
43	0.01	0.00	0.01	0.00	0.04	0.01	0.00	0.00
44	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
45	0.02	0.01	0.02	0.00	0.12	0.00	0.01	0.00
46	0.02	0.01	0.01	0.00	0.11	0.02	0.01	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52	0.20	0.09	0.19	0.01	0.46	0.14	0.11	0.43
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.08	0.08	0.09	0.00	0.34	0.10	0.00	0.00
55	0.21	0.09	0.15	0.01	0.40	0.12	0.14	0.28
56	0.28	0.12	0.20	0.01	0.52	0.16	0.15	0.31
57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	0.29	0.10	0.18	0.03	0.60	0.08	0.04	0.41
59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.52	1.76	1.24	0.05	6.04	0.00	0.00	0.00
65	0.55	0.30	0.27	0.05	3.34	1.04	0.48	6.75
66	0.44	0.92	0.84	0.05	5.80	0.25	0.22	1.06
TOTAL	5.44	2.92	2.84	0.05	27.80	2.80	1.67	10.43

Transactions Table (Rows 1-66, Columns 17-24)

ROW/COL	17	18	19	20	21	22	23	24
1	0.00	0.00	0.00	0.37	3.23	6.80	0.26	0.00
2	0.00	0.00	0.00	0.12	1.03	2.17	0.07	0.09
3	0.00	0.00	0.00	0.09	0.83	1.74	0.00	0.00
4	0.00	0.00	0.00	0.09	0.89	0.62	0.00	0.00
5	0.00	0.00	0.00	0.09	0.76	1.60	7.45	195.16
6	0.00	0.00	0.00	0.38	1.45	3.05	7.45	17.35
7	0.00	0.00	0.00	0.16	3.34	7.04	11.06	13.39
8	0.00	0.00	0.00	0.05	0.41	0.87	0.00	1.12
9	0.00	0.00	0.00	0.17	1.26	2.65	0.04	0.03
10	0.00	0.00	0.00	0.04	0.65	1.38	0.19	1.34
11	0.00	0.00	0.00	0.02	0.19	0.38	0.00	0.59
12	0.00	0.00	0.00	0.00	0.03	0.06	0.00	0.00
13	0.00	0.00	0.00	0.32	2.84	5.98	0.66	0.01
14	0.00	0.00	0.00	0.09	0.82	1.72	0.00	0.00
15	0.00	0.00	0.00	0.05	0.48	1.00	0.00	0.17
16	0.00	0.00	0.00	0.01	0.09	0.13	0.07	0.08
17	0.00	0.00	0.00	0.01	0.13	0.26	0.00	10.35
18	0.00	0.00	0.00	0.16	1.38	2.92	0.32	2.49
19	0.00	0.00	0.00	0.09	0.78	1.65	0.03	0.08
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	1.58	0.19	1.66	6.21
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.97	0.30	0.24	0.08	2.18	1.93	0.53	0.10
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	3.58	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	0.19	0.15	0.26	0.00	0.00	0.00	0.00	0.00
42	0.06	0.05	0.09	0.00	0.00	0.00	0.00	59.53
43	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.02	0.02	0.03	0.00	0.00	0.00	0.00	0.00
46	0.02	0.01	0.03	0.09	0.11	0.01	0.00	0.00
47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18
48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.05	2.09	1.14	0.00	3.34
51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.35
52	0.13	0.21	0.16	0.05	0.74	0.98	0.00	0.00
53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.16	0.07	0.05	0.25	2.00	2.03	0.00	0.00
56	0.13	0.15	0.13	0.02	0.41	0.38	0.06	10.13
57	0.17	0.20	0.17	0.03	0.54	0.51	0.07	0.00
58	0.00	0.00	0.00	0.00	1.22	1.49	0.53	0.00
59	0.23	0.13	0.12	0.39	4.68	10.83	2.37	2.99
60	0.00	0.00	0.00	0.21	5.14	2.57	0.41	2.84
61	0.01	0.00	0.00	0.43	1.65	2.57	1.84	5.99
62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.24	0.00	0.00	0.64	5.00	19.46	20.34	87.08
66	3.25	4.22	2.51	5.93	51.21	60.10	151.51	122.00
							200.00	549.50

Transactions Table (Rows 1-66, Columns 25-32)

ROW/COL	25	26	27	28	29	30	31	32
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.87	1.76	0.51	1.78	0.00	0.00	0.00	0.00
21	9.73	17.99	3.50	19.96	0.00	0.00	0.00	0.00
22	3.63	27.54	4.70	41.56	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.57
27	0.00	0.00	0.00	49.65	0.38	8.85	0.00	0.00
28	0.00	0.00	0.29	2968.12	2.02	1.24	57.65	11.36
29	0.00	11.40	0.00	1.16	0.09	0.37	0.18	1.27
30	0.00	0.00	0.00	0.00	3.95	29.90	0.00	0.00
31	0.00	1.36	0.00	3.88	2.93	9.41	5.01	0.13
32	0.00	0.00	0.00	29.85	0.00	0.01	20.66	51.65
33	0.00	0.00	0.00	0.00	5.47	0.02	0.00	0.00
34	1.36	165.24	0.28	598.77	2.04	6.77	8.28	2.09
35	0.46	351.15	0.00	5162.89	0.69	83.87	36.47	1.73
36	0.00	0.26	0.00	3.75	0.14	0.80	0.06	0.06
37	0.00	59.91	0.00	63.27	0.00	17.91	1.33	0.62
38	0.00	0.23	0.00	22.27	0.01	2.90	0.02	0.00
39	0.00	0.44	0.00	1.45	0.04	0.05	0.02	0.00
40	5.78	9.65	0.00	561.94	0.00	2.70	0.35	0.02
41	0.00	7.62	0.00	1153.93	0.07	6.91	49.89	0.64
42	0.00	0.19	0.00	39.56	0.48	4.79	0.50	0.25
43	0.00	0.42	0.00	1.73	0.08	2.83	0.04	0.02
44	0.00	13.24	0.38	20.87	0.34	1.37	0.12	0.01
45	0.00	0.61	0.00	1.07	1.38	1.80	0.08	0.00
46	0.00	2.42	0.00	9.03	1.35	1.47	0.12	0.01
47	0.00	145.59	0.00	765.52	0.02	34.95	26.90	0.02
48	12.92	62.45	0.00	437.28	0.46	5.33	21.37	0.25
49	0.00	48.14	0.00	132.60	2.20	30.92	10.27	1.87
50	1.56	11.50	0.04	285.37	16.91	83.33	6.42	6.26
51	0.00	51.74	0.00	289.18	0.26	0.79	3.23	0.03
52	0.00	0.01	0.00	0.14	0.01	1.01	0.02	0.03
53	10.16	224.83	0.20	631.40	1.51	46.11	20.44	6.78
54	0.66	1001.97	0.02	1475.08	6.18	39.67	37.39	11.66
55	0.87	0.00	0.02	11.81	0.04	8.79	0.18	0.07
56	1.52	57.47	0.13	52.03	1.58	8.03	2.25	0.54
57	3.91	914.03	1.06	300.92	2.90	51.80	5.53	2.40
58	2.84	742.21	0.37	671.96	7.67	126.78	15.42	5.08
59	3.41	16.39	0.24	25.12	0.04	1.85	0.46	0.20
60	0.00	56.91	0.00	42.52	0.11	2.82	0.95	0.46
61	0.00	0.00	0.00	17.30	0.23	0.13	0.21	1.44
62	0.00	4723.40	3.88	4341.24	3.86	424.27	138.35	48.71
63	19.27	2637.62	9.75	2616.25	21.47	218.91	155.19	74.84
64	185.96	14996.14	25.37	2271.76	121.13	1748.24	626.26	181.00
65								
66								



ROW/COL	33	34	35	36	37	38	39	40
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	14.56	22.69	5.98	43.97	180.04	12.22	9.51	19.53
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.32	0.52	669.23	1.05	4.84	0.44	7.98	1.11
29	0.00	0.00	0.00	0.00	0.00	61.74	0.00	0.01
30	0.21	0.00	727.50	0.00	20.74	2.77	0.58	1.47
31	0.00	0.00	10.62	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	1.29	0.00	0.06	0.02	0.00	0.03
33	10.10	0.03	0.05	0.40	3.42	0.06	0.02	0.03
34	9.31	670.80	119.22	14.43	613.66	31.47	17.89	175.25
35	0.17	2.37	2646.48	0.24	49.42	97.26	0.18	0.90
36	0.26	3.31	11.95	234.91	156.33	1.68	0.18	139.68
37	3.88	17.46	107.74	337.13	11.90	14.06	4.51	39.29
38	21.71	0.79	67.68	2.09	1973.96	1404.03	170.78	36.13
39	13.72	0.03	0.55	0.10	104.48	1.55	19.92	1.01
40	14.24	0.47	5.74	4.54	2269.53	25.83	14.93	499.40
41	163.00	2.33	20.43	96.93	4024.47	174.62	168.31	50.16
42	86.08	4.54	168.45	168.45	340.13	27.58	5.95	25.87
43	53.90	5.02	6.32	29.71	948.47	8.37	4.86	5.48
44	5.35	12.15	1.98	7.03	26.56	5.51	0.75	0.78
45	15.13	0.41	0.33	5.15	171.20	2.25	1.57	4.68
46	2.54	1.38	2.06	5.33	43.09	4.26	3.48	10.41
47	4.55	0.03	2.92	0.10	144.17	1.29	30.36	1.66
48	2.74	3.41	8.45	2.86	76.90	2.14	7.02	1.00
49	0.67	6.80	23.67	2.86	76.90	19.48	32.84	113.92
50	4.42	8.34	7.82	3.22	15.34	6.79	9.94	14.96
51	30.32	4.61	779.56	47.19	989.27	52.47	27.50	101.65
52	30.73	568.05	966.83	196.29	1964.22	260.69	22.43	163.85
53	4.94	31.01	42.30	5.51	335.76	28.44	120.10	51.44
54	0.04	0.06	1.52	0.10	0.54	1.00	4.24	0.09
55	19.53	150.77	188.97	153.44	400.90	109.19	54.69	272.52
56	55.25	149.58	626.51	62.30	1666.92	192.35	107.99	117.68
57	1.74	69.21	77.36	6.38	1648.85	7.97	0.87	3.29
58	2.77	107.02	105.74	24.76	145.50	15.12	8.98	10.21
59	15.76	107.22	1097.61	1493.21	457.73	66.00	49.54	106.95
60	92.68	470.63	245.70	274.51	2562.67	130.56	63.84	137.03
61	1.68	7.62	4.51	6.43	25.19	2.83	5.26	5.26
62	1.92	10.41	26.68	79.07	32.56	9.66	4.14	18.73
63	1.47	0.30	0.00	7.31	6.55	2.06	0.56	10.54
64	479.42	2873.33	1733.15	1475.17	16633.23	1073.08	674.67	1523.20
65	247.69	1214.81	6476.00	4691.07	9390.59	763.78	238.79	896.09
66	1372.41	4694.49	16065.08	9391.94	46046.41	4619.42	1893.60	4563.33

## Transactions Table (Rows 1-66, Columns 41-48)

ROW/COL	41	42	43	44	45	46	47	48
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	266.11	75.64	492.21	329.18	75.58	17.59	3.49	17.69
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	6.97	2.33	12.10	6.94	6.71	2.21	1.35	1.50
29	0.00	0.00	0.01	0.01	0.00	0.06	0.06	1.43
30	6.22	0.72	3.24	1.28	0.53	0.21	0.06	0.02
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.00
33	0.62	0.94	0.26	1.17	0.04	0.04	0.00	0.00
34	158.64	56.33	142.10	114.54	59.55	25.88	0.00	0.00
35	2.47	0.71	3.25	2.17	1.48	2.85	32.09	30.29
36	184.97	2.40	4.73	1.39	0.96	1.35	0.79	1.99
37	122.17	30.77	77.51	51.52	22.84	7.20	2.47	2.50
38	75.22	25.87	34.25	231.87	18.41	75.30	1.53	1.69
39	3.86	0.95	41.08	71.80	1.77	1.39	0.08	0.66
40	74.37	33.63	190.42	92.41	35.84	11.64	1.28	1.08
41	3332.19	1259.79	2058.25	1639.54	500.35	146.88	1.01	4.91
42	343.25	896.18	270.34	461.11	75.00	10.52	3.17	1.79
43	441.29	163.39	7249.82	1160.82	404.76	25.01	0.42	1.55
44	564.89	38.01	30.45	2077.70	6.60	1.38	0.12	0.23
45	81.74	16.74	134.35	155.69	238.77	3.09	0.75	0.51
46	16.09	8.09	48.31	18.80	27.37	94.27	1.28	12.02
47	2.11	8.22	3.14	63.25	15.48	9.90	145.36	12.02
48	8.32	3.34	9.24	60.61	2.25	5.99	223.01	223.01
49	102.71	35.14	192.03	24.34	63.05	81.37	5.23	328.54
50	93.07	24.21	188.51	75.82	49.52	33.81	14.12	32.43
51	325.68	36.51	327.27	110.10	81.34	81.89	8.51	14.66
52	320.18	273.14	321.06	197.89	138.26	69.64	64.05	4.91
53	141.17	74.72	485.12	195.62	160.83	113.17	27.33	28.52
54	0.71	0.26	1.03	0.82	0.31	6.63	19.30	15.03
55	679.63	211.12	734.41	365.82	142.50	61.98	0.01	25.60
56	649.05	351.47	1017.42	771.95	212.13	106.76	32.98	66.70
57	30.35	9.71	38.80	28.95	7.44	1.82	65.07	184.08
58	48.05	14.63	46.02	23.61	13.22	3.65	0.27	2.07
59	398.84	244.12	1241.46	223.99	164.94	86.75	1.17	5.57
60	866.29	316.27	1719.43	761.73	351.69	110.18	22.86	99.18
61	41.58	14.64	63.55	30.61	15.75	5.27	28.68	128.61
62	56.58	14.32	56.44	25.73	11.70	5.10	11.55	4.65
63	259.21	34.83	50.93	13.51	34.25	2.58	3.91	4.65
64	2671.85	493.02	13245.97	5496.68	2823.71	692.89	3.34	1.36
65	5037.53	2342.71	4540.73	1636.09	2361.77	506.01	285.45	1185.74
66	27703.60	16944.89	35075.47	19513.46	9816.89	2819.89	440.82	1272.13
							1252.66	3714.40

Transactions Table (Rows 1-66, Columns 49-56)

ROW/COL	49	50	51	52	53	54	55	56
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	14.60	98.96	96.70	23.02	21.26	1.60	255.00	611.55
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	3.41	2.11	36.50	7.89	0.86	17.47	48.36	18.15
29	0.02	0.00	0.57	0.00	0.00	0.00	0.12	4.87
30	0.35	1.11	1.92	0.46	0.90	0.00	36.06	21.18
31	0.00	0.00	0.16	0.01	0.00	0.00	0.02	2.21
32	0.03	0.01	30.12	2.65	0.00	0.04	0.03	0.00
33	0.10	0.00	0.05	0.01	0.03	0.00	0.00	0.00
34	56.45	34.93	107.44	61.00	44.75	4.93	181.36	470.18
35	3.80	0.89	15.78	0.43	0.38	1.04	14.67	6.20
36	1.80	0.95	86.63	3600.59	3.44	0.19	1299.11	6.20
37	28.90	30.96	60.83	193.86	24.83	0.67	1089.05	92.68
38	165.09	0.10	5.12	1.94	17.73	1.64	3.09	15.49
39	0.46	0.57	1.29	0.15	1.44	0.30	0.32	0.35
40	3.80	4.15	77.37	24.15	27.63	0.50	4.25	11.98
41	20.73	26.85	254.20	89.17	77.44	5.99	77.00	7.95
42	13.51	17.47	50.37	14.56	37.65	1.27	49.30	16.55
43	1.81	11.33	6.67	2.56	9.64	0.46	216.29	21.34
44	0.33	0.37	1.39	0.42	1.87	0.06	253.58	4.80
45	2.72	30.51	15.60	6.41	7.65	0.18	18.37	5.59
46	4.18	23.28	26.88	4.82	10.39	2.37	26.80	37.59
47	10.02	2.89	0.61	1.17	9.52	4.31	7.74	1.12
48	1.30	2.65	2.32	0.29	2.50	0.40	13.14	12.90
49	663.43	365.02	191.51	39.52	103.81	4.81	29.99	175.69
50	18.92	512.80	289.25	49.99	23.79	2.19	213.18	450.29
51	140.26	109.08	1302.02	194.85	708.68	12.42	33.68	16.81
52	125.04	65.71	847.86	2797.85	114.06	8.42	3224.34	1032.39
53	74.66	42.68	256.99	14.60	204.54	16.75	28.28	66.18
54	0.08	0.69	0.73	0.26	0.26	60.11	0.34	0.81
55	158.71	337.71	520.25	534.82	174.26	6.56	4939.67	1137.37
56	174.37	217.96	299.50	90.67	127.13	18.89	328.53	594.59
57	1.49	9.52	7.18	3.02	7.64	0.08	31.82	126.98
58	6.63	31.71	19.83	14.62	7.64	0.00	228.81	201.34
59	97.95	447.34	366.31	180.91	87.22	8.39	1040.92	1172.15
60	116.16	544.47	630.00	164.52	128.70	9.47	1764.56	2517.89
61	4.35	102.17	14.49	8.21	3.84	1.17	100.97	100.06
62	12.57	16.54	34.24	25.85	13.31	0.39	238.34	93.59
63	29.38	2.27	12.19	0.97	3.68	0.28	1.01	1.78
64	1155.07	2906.12	1973.09	751.23	1379.82	1.00	12813.05	14413.60
65	1516.46	5840.94	3772.87	1730.47	1157.87	25.65	10582.52	12278.57
66	45.47	38.86	104.36	26709.24	4541.05	416.59	39631.84	45238.56

ROW/COL	57	58	59	60	61	62	63	64
1 GROUND FISH TRAWLERS, N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2 GROUND FISH TRAWLERS, S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3 SHRIMP TRAWLERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4 TUNA PURSE-SEINERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5 WET FISH SEINERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 HERRING GILLNETTERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 OTHER GILLNETTERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8 SMALL SALMON TROLLERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9 LARGE SALMON TROLLERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10 SALMON/CRABBERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11 SALMON/ALBACORE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12 LONG-LINERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13 BLACK COD POTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14 CRAB/LOBSTER, N	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15 CRAB/LOBSTER, S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16 BAITBOATS, TUNA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17 JIGBOATS, TUNA	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18 DIVEBOATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19 HARPMR, BILLFISH	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20 FISH WHSL. PROC. DIST. SM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21 FISH WHSL. PROC. DIST. MED	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.06
22 FISH WHSL. PROC. DIST. LG	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.47
23 FISH IMP/EXP. BROKERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39
24 TUNA CAIERS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25 SEAFOOD RESTAURANTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	205.68
26 OTHER EAT & DRINK	154.15	281.05	330.07	1245.47	9.07	20.64	0.00	164.54
27 SEAFOOD MARKETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9424.12
28 OTHER FOOD & KINDRED PROC	3.28	3.06	6.77	328.14	0.34	0.54	0.00	25.37
29 FORESTRY & OTHER FISHING	0.00	0.01	0.26	0.26	0.00	0.00	0.00	11256.97
30 FORESTRY/FISH SERVICES	8.06	0.04	238.28	62.65	0.00	3.33	0.00	25.57
31 PETFOOD	0.00	0.00	0.00	26.12	0.00	0.00	0.00	42.79
32 ANIMAL & MARINE FATS	0.00	0.00	0.00	0.14	0.00	0.00	0.00	398.47
33 SHIP & BOAT	0.01	0.03	0.08	0.60	0.44	0.07	2.81	2.24
34 MOTOR FREIGHT	89.03	21.61	90.97	427.05	56.21	28.69	0.00	270.76
35 AGRICULTURE	2.18	1.21	99.05	260.36	0.29	1.95	0.00	1657.87
36 MINING	5.25	0.67	5.86	17.90	0.38	2.98	0.00	1603.00
37 CONSTRUCTION	190.70	28.50	5046.92	1077.81	14.37	707.20	0.00	66.13
38 LUMBER	0.15	0.09	0.21	25.40	0.01	0.02	0.00	0.00
39 FURNITURE	0.18	0.10	0.54	5.52	0.05	0.04	0.00	80.39
40 GLASS, STONE, CLAY	6.91	0.45	0.96	144.38	0.42	1.84	0.00	1100.12
41 METAL	10.69	1.29	9.60	290.54	2.87	3.66	0.00	214.38
42 NON-ELECTRIC MACHINES	5.59	0.09	5.56	218.95	0.54	8.74	122.59	338.29
43 ELECTRIC EQUIPMENT	11.43	4.98	24.74	652.08	2.60	9.25	10.87	97.26
44 TRANSPORTATION EQUIP	2.43	1.10	3.15	670.76	1.36	8.90	27.55	1285.26
45 INSTRUMENTS	2.17	2.07	6.51	661.20	0.98	1.98	22.09	4005.27
46 MISC MFG GOODS	36.48	9.41	34.41	309.69	0.97	1.49	4.45	294.55
47 TEXTILES	1.43	0.03	0.25	20.79	0.26	0.55	1.85	1426.50
48 APPAREL	3.83	0.06	0.76	144.80	2.71	4.45	3.49	492.76
49 PAPER	176.34	36.47	47.19	247.97	3.83	3.76	0.68	2732.52
50 PRINTING	527.24	154.00	536.35	919.86	9.78	12.12	24.36	553.93
51 CHEMICAL	173.05	1.13	27.81	876.91	10.24	43.61	25.94	1052.97
52 PETROLEUM	753.00	111.43	863.69	2088.20	46.06	333.98	0.00	2158.75
53 RUBBER & PLASTIC	48.11	4.45	79.54	447.12	5.37	2.87	11.89	7385.88
54 LEATHER	0.79	0.60	0.88	33.71	0.59	0.02	0.95	513.84
55 TELEPHONE/PUB UTIL	917.73	488.81	935.52	2893.03	132.66	361.20	3.07	272.91
56 WHOLESALE TRADERS	211.11	49.61	204.07	1676.03	8.89	36.81	8.75	8937.81
57 RETAIL TRADERS	46.94	31.93	111.24	314.99	0.23	9.27	0.00	9402.87
58 INSURANCE	225.67	5595.73	1167.08	797.64	2.97	12.04	0.00	24612.08
59 FINANCE	2841.18	646.29	8937.41	7228.85	116.37	81.10	0.00	5806.67
60 SERVICES	1392.75	1007.21	3288.32	12560.33	127.63	150.17	0.00	44933.86
61 FED GOVERNMENT	172.62	97.62	792.33	593.78	6.38	10.50	0.00	32244.03
62 ST & LOC GOVERNMENT	112.11	18.72	136.07	307.14	8.49	67.99	0.00	913.88
63 SCRAP MATERIALS	0.92	0.00	0.00	31.44	0.00	0.03	0.00	1876.96
64 HOUSING	1626.57	6101.30	6980.50	43364.34	2235.38	1152.04	0.00	705.10
65 IMPORTS/EXPORTS	11448.45	49240.99	82143.36	76716.66	2.0.57	1431.97	206.13	9977.98
66 TOTALS	92341.82	17203.71	114976.10	107704.60	3079.67	4516.69	477.86	259551.00

Transactions Table (Rows 1-66, Columns 65-67)

ROW/CDL	65	66	67	
1	GROUND FISH TRAILERS, N	0.00	10.66	0.00
2	GROUND FISH TRAILERS, S	0.00	3.49	0.00
3	SHRIMP TRAILERS	0.00	2.66	0.00
4	TUNA PURSE-SEINERS	1.77	199.44	0.00
5	WET FISH SEINERS	0.00	17.35	-2.81
6	HERRING GILLNETTERS	2.37	31.47	0.00
7	OTHER GILLNETTERS	0.00	11.71	0.21
8	SMALL SALMON TROLLERS	0.00	1.36	0.00
9	LARGE SALMON TROLLERS	0.01	5.44	0.00
10	SALMON/CRABBERS	0.04	2.92	0.00
11	SALMON/ALBACORE	0.02	2.84	0.00
12	LONG-LINERS	0.00	0.09	0.02
13	BLACK COD POTS	0.00	9.80	0.00
14	CRAB/LODSTER, N	0.00	2.80	0.00
15	CRAB/LODSTER, S	0.01	1.69	0.00
16	BAITBOATS, TUNA	0.00	10.44	0.14
17	JUGDOATS, TUNA	0.04	3.25	0.00
18	DIVEDOATS	0.00	4.22	0.34
19	HARPOON, BILLFISH	0.00	2.53	0.00
20	FISH WHSL, PROC, DIST, SM	0.00	5.03	0.95
21	FISH WHSL, PROC, DIST, MED	0.00	51.21	-6.16
22	FISH WHSL, PROC, DIST, LG	3.37	90.18	0.00
23	FISH IMP/EXP, BROKERS	200.00	200.00	0.00
24	TUNA CANNERS	336.84	542.52	0.00
25	SEAFOOD RESTAURANTS	22.44	186.98	0.00
26	OTHER EAT & DRINK	4759.20	18986.14	0.00
27	SEAFOOD MARKETS	0.00	25.37	0.00
28	OTHER FOOD & KINDRED PROC	4781.95	22917.76	0.00
29	FORESTRY & OTHER FISHING	0.00	121.19	-47.99
30	FORESTRY/FISH SERVICES	49.68	1268.24	0.00
31	PETFOOD	166.59	626.96	0.00
32	ANIMAL & MARINE FATS	41.10	181.08	0.00
33	SHIP & BOAT	919.70	1372.41	0.00
34	MOTOR FREIGHT	492.08	6886.49	0.00
35	AGRICULTURE	6369.05	16865.08	0.00
36	MINING	3543.62	9391.94	0.00
37	CONSTRUCTION	36463.33	46046.61	0.00
38	LUMBER	136.23	4619.42	0.00
39	FURNITURE	518.21	1893.60	0.00
40	GLASS, STONE, CLAY	185.99	4563.33	0.00
41	METAL	6429.13	22703.60	0.00
42	NON-ELECTRIC MACHINES	7479.39	10846.89	0.00
43	ELECTRIC EQUIPMENT	22287.76	35095.47	0.00
44	TRANSPORTATION EQUIP	11756.33	19518.60	0.00
45	INSTRUMENTS	6324.79	8226.88	0.00
46	MISC. MFG GOODS	519.48	2815.52	0.00
47	TEXTILES	35.24	1252.66	0.00
48	APPAREL	312.17	3714.40	0.00
49	PAPER	116.35	4587.93	0.00
50	PRINTING	1983.85	7882.86	0.00
51	CHEMICAL	1892.48	10436.82	0.00
52	PETROLEUM	417.45	26209.24	0.00
53	RUBBER & PLASTIC	564.86	4541.05	0.00
54	LEATHER	0.00	416.99	-3.04
55	TELEPHONE/PUB UTIL	12531.92	39631.84	0.00
56	WHOLESALE TRADERS	13419.55	35738.90	0.00
57	RETAIL TRADERS	8429.67	35731.89	0.00
58	INSURANCE	2881.83	17703.71	0.00
59	FINANCE	39275.41	114976.10	0.00
60	SERVICES	41252.90	107704.60	0.00
61	FED GOVERNMENT	0.00	3079.67	-74.36
62	ST & LOC GOVERNMENT	1141.51	4516.69	0.00
63	SCRAP MATERIALS	0.00	477.86	-754.65
64	HOUSEHOLDS	73993.90	259351.00	0.00
65	IMPORTS/EXPORTS	0.00	310958.60	0.00
66	TOTALS	311849.20	1226375.00	0.00

KMZ/MLA	1	2	3	4	5	6	7	8
1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	0.09224613	0.09931219	0.09289998	0.08255007	0.07229971	0.06178369	0.07317428	0.13508535
34	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	0.0021795	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
41	0.09192997	0.00499295	0.03860748	0.00153562	0.00000000	0.00000000	0.00000000	0.06697713
42	0.02623784	0.00172693	0.01343710	0.00000000	0.00000000	0.00672892	0.028895125	0.01776395
43	0.00283718	0.00018640	0.00145189	0.00000000	0.00249971	0.00028512	0.00311740	0.00191941
44	0.00111262	0.00007318	0.00056937	0.00000000	0.00000000	0.00000000	0.00122251	0.00075271
45	0.00819922	0.00053662	0.00417537	0.00000000	0.00000000	0.00209091	0.00896908	0.00951987
46	0.00732474	0.00048174	0.00394992	0.00000000	0.02820000	0.00207641	0.00803305	0.00512396
47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
52	0.09169997	0.04680146	0.05110590	0.06856711	0.07889971	0.01663577	0.03089919	0.04213527
53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
55	0.00906795	0.00012389	0.00480791	0.05353134	0.00000000	0.00000000	0.00000000	0.00000000
56	0.04847541	0.02785801	0.03786779	0.04328830	0.01260000	0.03149317	0.02927831	0.03671613
57	0.06398754	0.03677298	0.04998549	0.03987337	0.00000000	0.04197098	0.02422478	0.03197700
58	0.00000000	0.00000000	0.00000000	0.00000000	0.10340058	0.00000000	0.00000000	0.06781765
59	0.06270766	0.07004069	0.02558035	0.03183971	0.01100000	0.00000000	0.00000000	0.00000000
60	0.00000000	0.00000000	0.00000000	0.00000000	0.05020000	0.03567564	0.04544856	0.02104948
61	0.0001611	0.00005574	0.00018861	0.0000174	0.00000000	0.00000000	0.00000000	0.00000000
62	0.00000000	0.00000000	0.00000000	0.00000000	0.00260000	0.00000000	0.00000000	0.00000000
63	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
64	0.49294013	0.67580195	0.64918264	0.61134460	0.59010029	0.58986497	0.57328547	0.38719007
65	0.05101925	0.03560490	0.02611226	0.05240362	0.01380000	0.14138851	0.06169444	0.14043049

Technical Coefficients Table (Rows 1-66, Columns 9-16)

RI#/CDL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1 GRINDING FISH TRAWLERS, H	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
2 GRINDING FISH TRAWLERS, S	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
3 SHIP IMP TRAWLERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
4 TUNA PULP-FEEDERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
5 WEIFISH SEINERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
6 HEIKING GILLNETTERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
7 OTHER GILLNETTERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
8 SMALL SALMON TROLLERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
9 LARGE SALMON TROLLERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
10 SALMON/CRABBERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
11 SALMON/ALBACORE	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
12 LOG-LINERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
13 BLACK COD POTS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
14 CRAB/LOBSTER, N	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
15 CRAB/LOBSTER, S	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
16 BAITBOATS, TUNA	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
17 JIBBOATS, TUNA	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
18 DIVEBOATS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
19 HARPUIN, BILLFISH	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
20 FISH WHSL, PROC, DIBT, SM	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
21 FISH WHSL, PROC, DIST, MED	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
22 FISH WHSL, PROC, DIST, LG	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
23 FISH IMP/EXP, BROKERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
24 TUNA CANNERS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
25 SEAFOOD RESTAURANTS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
26 OTHER EAT & DRINK	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
27 SEAFOOD MARKETS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
28 OTHER FOOD & KINDRED PROC	0	0.00004171	0	0.00000316	0	0.00001010	0	0.00043869	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
29 FORESTRY & OTHER FISHING	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
30 FORESTRY/FISH SERVICES	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
31 PETFOOD	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
32 ANIMAL & MARINE FATS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
33 SHIP & BOAT	0	0.00000000	0	0.10855062	0	0.06679932	0	0.10591140	0	0.08452908	0	0.00000000	0	0.00000000	0	0.00000000
34 MOTOR FREIGHT	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
35 AGRICULTURE	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
36 MINING	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
37 CONSTRUCTION	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
38 LUMBER	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
39 FURNITURE	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
40 GLASS, STONE, CLAY	0	0.00010111	0	0.00009998	0	0.00013711	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
41 METAL	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
42 NON-ELECTRIC MACHINES	0	0.0109227	0	0.03749962	0	0.05163495	0	0.00000000	0	0.01363560	0	0.00000000	0	0.00000000	0	0.00000000
43 ELECTRIC EQUIPMENT	0	0.00119421	0	0.01087242	0	0.01699895	0	0.00183675	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
44 TRANSPORTATION EQUIP	0	0.00343432	0	0.00046070	0	0.00020300	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
45 INSTRUMENTS	0	0.00332661	0	0.00326514	0	0.00528216	0	0.00486048	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
46 MISC. MFG GOODS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
47 TEXTILES	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
48 APPAREL	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
49 PAPER	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
50 PRINTING	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
51 CHEMICAL	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
52 PETROLEUM	0	0.3688039	0	0.3010443	0	0.6562126	0	0.7676183	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
53 RUBBER & PLASTIC	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
54 LEATHER	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
55 TELEPHONE/PUB UTIL	0	0.1540301	0	0.02749033	0	0.3026136	0	0.1142311	0	0.03421295	0	0.00000000	0	0.00000000	0	0.00000000
56 WHOLESALE TRADERS	0	0.3836913	0	0.3098810	0	0.3279972	0	0.6111246	0	0.4030711	0	0.00000000	0	0.00000000	0	0.00000000
57 RETAIL TRADERS	0	0.3091126	0	0.4090427	0	0.6569564	0	0.8066844	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
58 INSURANCE	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
59 FINANCE	0	0.9347989	0	0.3320424	0	0.6178652	0	0.00000000	0	0.29699470	0	0.06149214	0	0.00000000	0	0.00000000
60 SERVICES	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
61 FED GOVERNMENT	0	0.00009339	0	0.00001813	0	0.00008270	0	0.00133393	0	0.0001567	0	0.00000000	0	0.00000000	0	0.00000000
62 ST & LDC GOVERNMENT	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
63 SCRAP MATERIALS	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
64 HOUSEHOLDS	0	0.53655629	0	0.60279938	0	0.43754523	0	0.54829818	0	0.00000000	0	0.00000000	0	0.00000000	0	0.00000000
65 IMPOR TS/EXPORTS	0	0.10185640	0	0.11101768	0	0.09481542	0	0.00000000	0	0.11101768	0	0.00000000	0	0.00000000	0	0.00000000

Technical Coefficients Table (Rows 1-66, Columns 17-24)

ROW/COL	17	18	19	20	21	22	23	24
1	0.00000000	0.00000000	0.00000000	0.0728764	0.06300709	0.07541507	0.00126396	0.00000846
2	0.00000000	0.00000000	0.00000000	0.02317013	0.02014079	0.02410098	0.00037296	0.00016676
3	0.00000000	0.00000000	0.00000000	0.01865672	0.01617989	0.01930678	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00300163	0.01707264	0.00682189	0.00000000	0.35973251
5	0.00000000	0.00000000	0.00000000	0.01704583	0.01490770	0.01770414	0.03726104	0.03198056
6	0.00000000	0.00000000	0.00000000	0.03260113	0.02827627	0.03377154	0.05528060	0.02468372
7	0.00000000	0.00000000	0.00000000	0.00932382	0.00806422	0.00965001	0.00000372	0.00005831
8	0.00000000	0.00000000	0.00000000	0.02834361	0.02465206	0.02937522	0.00017707	0.00247693
9	0.00000000	0.00000000	0.00000000	0.01472218	0.01276177	0.01524796	0.00095648	0.00108811
10	0.00000000	0.00000000	0.00000000	0.00404285	0.00369032	0.00423756	0.00000051	0.00410599
11	0.00000000	0.00000000	0.00000000	0.0068074	0.00605897	0.00707479	0.00000785	0.00000261
12	0.00000000	0.00000000	0.00000000	0.06412792	0.05543823	0.06635551	0.03277738	0.00000239
13	0.00000000	0.00000000	0.00000000	0.01840935	0.01593055	0.01905620	0.00001125	0.00030608
14	0.00000000	0.00000000	0.00000000	0.01074469	0.00928948	0.01111910	0.00033795	0.00013894
15	0.00000000	0.00000000	0.00000000	0.00108719	0.00184325	0.00146759	0.00001533	0.01907959
16	0.00000000	0.00000000	0.00000000	0.00269852	0.00252052	0.00286632	0.00195968	0.00458803
17	0.00000000	0.00000000	0.00000000	0.03124401	0.02701588	0.03233191	0.00015686	0.00013836
18	0.00000000	0.00000000	0.00000000	0.01766384	0.01527247	0.01827878	0.00000917	0.00002475
19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
30	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	0.29722133	0.06991978	0.09421303	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
34	0.00000000	0.00000000	0.00000000	0.01509434	0.04253076	0.02140045	0.00265300	0.00018084
35	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.0370727	0.00000000	0.00000000
36	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
37	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
38	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
39	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
40	0.00015770	0.00009272	0.0027711	0.00039722	0.00000000	0.00000000	0.00000000	0.00000000
41	0.09938994	0.03491682	0.10435673	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
42	0.01696441	0.01213271	0.03694278	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
43	0.00183323	0.00131095	0.00399169	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
44	0.00071892	0.00051410	0.00156537	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
45	0.00527205	0.00377003	0.01147939	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
46	0.00482021	0.00342557	0.01044153	0.01847071	0.00222613	0.00015524	0.00000000	0.00000000
47	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
48	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
49	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
50	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
51	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
52	0.04046654	0.04952881	0.06456072	0.00935849	0.01453808	0.01086827	0.00000000	0.00000000
53	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
54	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
55	0.09018960	0.01559309	0.02053444	0.03044687	0.03897676	0.02248711	0.00212000	0.01867223
56	0.04018049	0.03562075	0.04956352	0.00387289	0.00793058	0.00424821	0.00028313	0.00000000
57	0.05303826	0.04701938	0.06542385	0.00511221	0.01046837	0.00560764	0.00037373	0.00000000
58	0.00000000	0.00000000	0.00000000	0.04528302	0.02380394	0.01657704	0.00267500	0.00550397
59	0.07207153	0.03166264	0.04924453	0.07725919	0.09146651	0.12010867	0.01185500	0.009551688
60	0.00000000	0.00000000	0.00000000	0.04159682	0.0083724	0.02849870	0.00206397	0.00523117
61	0.00212793	0.00000598	0.00004137	0.08520357	0.03218121	0.02855242	0.00922500	0.01103929
62	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
63	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
64	0.28051788	0.01879365	0.37070063	0.16623635	0.09921890	0.21578977	0.10170000	0.16050557
65	0.07502801	0.00000000	0.11661966	0.02922534	0.06195589	0.00543649	0.75753400	0.22558003





## Technical Coefficients Table (Rows 1-66, Columns 33-40)

ROW/COL	33	34	35	36	37	38	39	40
1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
27	0.0160730	0.00329521	0.00035473	0.00468212	0.00391093	0.00264453	0.00502119	0.00428008
28	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
29	0.00623117	0.00007536	0.03968139	0.00011186	0.00010321	0.00009527	0.00421381	0.00024384
30	0.00015542	0.00000000	0.00000000	0.00000000	0.00000000	0.01366535	0.00000000	0.00000000
31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00060036	0.00000000	0.00000000
32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	0.06735776	0.00000430	0.00000277	0.00000000	0.00000124	0.00000457	0.00000102	0.00000000
34	0.00678488	0.09740755	0.00706905	0.00153604	0.00007435	0.00001239	0.00001146	0.00000000
35	0.00012530	0.00034420	0.15692075	0.00002538	0.01332692	0.00681234	0.00944434	0.00000000
36	0.00019214	0.00048111	0.00008039	0.02501202	0.00339504	0.02105365	0.00009437	0.00000000
37	0.00282528	0.00253535	0.00638825	0.03589595	0.00029850	0.00306400	0.00009501	0.00019813
38	0.01581703	0.00011427	0.00011298	0.00022233	0.04286885	0.00993150	0.00999170	0.00791801
39	0.00999729	0.00000458	0.00003234	0.0001036	0.00226909	0.00359077	0.00788638	0.10943843
40	0.11876897	0.0003766	0.00034042	0.00048347	0.04928758	0.00359077	0.00788638	0.10943843
41	0.06272529	0.00053873	0.00264542	0.01793551	0.00738666	0.00597050	0.00314475	0.00566979
42	0.03927487	0.00072827	0.00037454	0.00074815	0.00738666	0.00597050	0.00314475	0.00566979
43	0.00389480	0.00176473	0.00011711	0.00074815	0.00537670	0.00181143	0.00256806	0.00120125
44	0.01102803	0.00005909	0.00001952	0.00054800	0.00537670	0.00181143	0.00256806	0.00120125
45	0.00184841	0.00020065	0.00012242	0.00036700	0.00371798	0.0048801	0.00039688	0.00017155
46	0.00331601	0.00000472	0.00017307	0.00001024	0.00093577	0.00092194	0.00083123	0.00102532
47	0.00199559	0.00049491	0.00050086	0.00005765	0.00313091	0.0027827	0.00289411	0.00228199
48	0.00048995	0.00098685	0.00140363	0.0005765	0.0014560	0.0046245	0.01603368	0.00036378
49	0.00322405	0.00121061	0.00046377	0.00030470	0.00166976	0.0046245	0.00370961	0.00021834
50	0.0209295	0.00066888	0.04422334	0.0034287	0.00033314	0.0046245	0.00370961	0.00021834
51	0.02338930	0.08248790	0.05732747	0.00502505	0.01279735	0.00146942	0.00524795	0.00327906
52	0.00331131	0.00450245	0.00250798	0.00058693	0.04265723	0.01135842	0.01452089	0.02227618
53	0.00002732	0.00000865	0.00000894	0.00058693	0.00729176	0.05643309	0.01184515	0.00390528
54	0.01422866	0.02189343	0.00008994	0.00010894	0.00001178	0.00021683	0.06322254	0.01127236
55	0.04025490	0.02172150	0.01120509	0.01633767	0.00870840	0.02363706	0.02288336	0.00002033
56	0.00126658	0.00990307	0.00458677	0.00663363	0.03620062	0.04163907	0.08888170	0.05971894
57	0.00201930	0.01594100	0.00627124	0.00063654	0.00358928	0.00172537	0.05702800	0.00072139
58	0.01148612	0.01569697	0.06508205	0.0263654	0.00315974	0.00327419	0.00046049	0.00072139
59	0.03838209	0.06834046	0.01496885	0.15898897	0.00994058	0.00327419	0.00046049	0.00072139
60	0.00122683	0.00110711	0.00026753	0.02922789	0.0565385	0.02862297	0.02616188	0.02343659
61	0.00139678	0.00110711	0.00026753	0.00068496	0.00054700	0.00371477	0.03046614	0.00113015
62	0.00105822	0.00004292	0.00000000	0.000309530	0.00070720	0.00187372	0.00218555	0.00410460
63	0.34933005	0.41143335	0.10376536	0.15291560	0.00014224	0.00044550	0.00029687	0.00230888
64	0.18048184	0.23448955	0.38398845	0.49947822	0.36124114	0.23208070	0.35428919	0.33379148
65					0.18221949	0.16534090	0.12618041	0.19636730



## Technical Coefficients Table (Rows 1-66, Columns 49-56)

HM/CUL	49	50	51	52	53	54	55	56
1	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
2	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
3	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
4	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
5	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
6	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
7	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
8	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
9	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
10	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
11	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
12	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
13	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
14	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
15	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
16	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
17	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
18	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
19	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
20	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
21	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
22	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
24	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
25	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
26	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
27	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
28	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
29	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
30	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
31	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
32	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
33	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
34	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
35	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
36	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
37	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
38	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
39	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
40	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
41	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
42	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
43	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
44	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
45	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
46	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
47	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
48	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
49	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
51	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
52	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
53	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
54	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
55	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
56	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

1 GROUND FISH TRAWLERS, N  
 2 GROUND FISH TRAWLERS, S  
 3 SHRIMP TRAWLERS  
 4 TUNA PURSE-SEINERS  
 5 WET FISH SEINERS  
 6 HERRING GILLNETTERS  
 7 OTHER GILLNETTERS  
 8 SMALL SALMON TROLLERS  
 9 LARGE SALMON TROLLERS  
 10 SALMON/CRAWBBS  
 11 SALMON/ALBACORE  
 12 LONG-LINERS  
 13 BLACK COD POTS  
 14 CRAB/LOBSTER, N  
 15 CRAB/LOBSTER, S  
 16 BAITBOATS, TUNA  
 17 JIGBOATS, TUNA  
 18 DIVEBOATS  
 19 HARPOON, BILLFISH  
 20 FISH WHSL. PROC. DIST. SM  
 21 FISH WHSL. PROC. DIST. MED  
 22 FISH WHSL. PROC. DIST. LG  
 23 FISH IMP./EXP. BROKERS  
 24 TUNA CANNERS  
 25 SEAFOOD RESTAURANTS  
 26 OTHER EAT & DRINK  
 27 SEAFOOD MARKETS  
 28 OTHER FOOD & KINDRED PROC  
 29 FORESTRY & OTHER FISHING  
 30 FORESTRY/FISH SERVICES  
 31 PETFOOD  
 32 ANIMAL & MARINE FATS  
 33 SHIP & BOAT  
 34 MOTOR FREIGHT  
 35 AGRICULTURE  
 36 MINING  
 37 CONSTRUCTION  
 38 LUMBER  
 39 FURNITURE  
 40 GLASS, STONE, CLAY  
 41 METAL  
 42 NON-ELECTRIC MACHINES  
 43 ELECTRIC EQUIPMENT  
 44 TRANSPORTATION EQUIP  
 45 INSTRUMENTS  
 46 MISC. MFG GOODS  
 47 TEXTILES  
 48 APPAREL  
 49 PAPER  
 50 PRINTING  
 51 CHEMICAL  
 52 PETROLEUM  
 53 RUBBER & PLASTIC  
 54 LEATHER  
 55 TELEPHONE/PUB UTIL  
 56 WHOLESALE TRADERS  
 57 RETAIL TRADERS  
 58 INSURANCE  
 59 FINANCE  
 60 SERVICES  
 61 FED GOVERNMENT  
 62 ST & LOC GOVERNMENT  
 63 SCRAP MATERIALS  
 64 HOUSEHOLDS  
 65 IMPORTS/EXPORTS

## Technical Coefficients Table (Rows 1-66, Columns 57-64)

NUM/COL	57	58	59	60	61	62	63	64
1	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
2	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
3	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
4	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
5	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
6	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
7	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
8	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
9	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
10	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
11	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
12	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
13	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
14	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
15	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
16	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
17	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
18	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
19	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
20	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00431414	0.01587505	0.00287077	0.01156379	0.00000000	0.00000000	0.00000000	0.00000000
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.0009182	0.00028583	0.00038888	0.00304668	0.00010908	0.00011951	0.00033336	0.04337094
29	0.00000008	0.00000043	0.00000011	0.00000024	0.00000000	0.00000000	0.00000000	0.00009852
30	0.0022554	0.00000302	0.00207243	0.00038165	0.00000000	0.0118018	0.00000000	0.00016487
31	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
32	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
33	0.00000033	0.00000179	0.00000072	0.00000558	0.00014355	0.00001498	0.00588476	0.00104319
34	0.00249151	0.00125040	0.00079118	0.00396498	0.01825151	0.00635242	0.00058476	0.00638746
35	0.00000090	0.00006828	0.00086132	0.00241736	0.00009442	0.00043278	0.00000000	0.00017605
36	0.00014707	0.00003870	0.00003596	0.00016617	0.00012307	0.00066085	0.00000000	0.00025478
37	0.00533696	0.00160981	0.04389540	0.01000706	0.00466744	1.5657478	0.00000000	0.00000000
38	0.00000431	0.00000521	0.00000184	0.00023583	0.00000295	0.00000489	0.00000000	0.00000000
39	0.00000300	0.00000572	0.00000467	0.00005130	0.00001474	0.00000975	0.00000000	0.00030972
40	0.00019333	0.00002548	0.00000831	0.00134050	0.00013755	0.00040820	0.00000000	0.00423857
41	0.00029910	0.00007264	0.00008330	0.00289761	0.00093165	0.00081092	0.00000000	0.00082597
42	0.00019648	0.00000528	0.00004834	0.00703288	0.00093165	0.00081092	0.00000000	0.00130333
43	0.00031995	0.00023864	0.00021516	0.00050543	0.00017642	0.00122440	0.00000000	0.00037471
44	0.00006787	0.00006230	0.00002741	0.00622782	0.00044095	0.00196977	0.00000000	0.00495187
45	0.00000076	0.00011705	0.00005662	0.00613897	0.00031699	0.00043859	0.00000000	0.01543161
46	0.00000000	0.00000000	0.00000000	0.00287536	0.00031613	0.00032969	0.00000000	0.00113486
47	0.00040008	0.00000192	0.00000213	0.00019307	0.00008399	0.00012213	0.00000000	0.00549603
48	0.00010714	0.00000355	0.00006749	0.00134442	0.00087957	0.00098600	0.00000000	0.00189851
49	0.00493519	0.00205987	0.00041040	0.00232092	0.008124321	0.00083330	0.00000000	0.0052789
50	0.01475547	0.00869875	0.00466484	0.00289461	0.00124321	0.00083330	0.00000000	0.0013419
51	0.00049681	0.00006360	0.00034189	0.00814182	0.00332381	0.00268237	0.00000000	0.00405688
52	0.02107503	0.00629431	0.00751193	0.01938822	0.00965614	0.00268237	0.00000000	0.00831723
53	0.00134629	0.00029121	0.00059177	0.00415132	0.01495454	0.07394315	0.02488620	0.02845637
54	0.00002202	0.00003387	0.00000769	0.00031299	0.00019187	0.00063488	0.00192347	0.00197974
55	0.02568380	0.02761060	0.00813661	0.02686083	0.00000541	0.00000541	0.00641994	0.00105148
56	0.00590818	0.00280212	0.00177487	0.01574709	0.04307669	0.07991720	0.01830802	0.03443566
57	0.00187345	0.00180369	0.00096751	0.00292453	0.00007943	0.00007943	0.00000000	0.03622744
58	0.00631572	0.31607669	0.01015060	0.00740581	0.00096584	0.00265584	0.00000000	0.09482560
59	0.07997778	0.03763585	0.07773303	0.06711737	0.00378531	0.01796552	0.00000000	0.02337197
60	0.03897784	0.05689282	0.02860007	0.11661832	0.04144372	0.01796552	0.00000000	0.17312151
61	0.00539058	0.00511419	0.00611721	0.00591304	0.00207244	0.03324681	0.00000000	0.12423004
62	0.00313765	0.00105960	0.00118347	0.00285157	0.00275758	0.00232523	0.00000000	0.00352099
63	0.00002576	0.00000000	0.00000000	0.00029194	0.00000000	0.01492049	0.00000000	0.00000000
64	0.45522277	0.23166331	0.08593525	0.40262291	0.72598030	0.00000000	0.00000000	0.00271660
65	0.32039232	0.28134769	0.71445596	0.24749953	0.08784129	0.31702912	0.43137193	0.30813975

ROW/CODE	65	66
1	0.00000000	0.00000000
2	0.00000000	0.00000000
3	0.00000000	0.00000000
4	0.00000000	0.00000000
5	0.00000000	0.00000000
6	0.00000000	0.00000000
7	0.00000000	0.00000000
8	0.00000000	0.00000000
9	0.00000000	0.00000000
10	0.00000000	0.00000000
11	0.00000000	0.00000000
12	0.00000000	0.00000000
13	0.00000000	0.00000000
14	0.00000000	0.00000000
15	0.00000000	0.00000000
16	0.00000000	0.00000000
17	0.00000000	0.00000000
18	0.00000000	0.00000000
19	0.00000000	0.00000000
20	0.00000000	0.00000000
21	0.00000000	0.00000000
22	0.00000000	0.00000000
23	0.00000000	0.00000000
24	0.00000000	0.00000000
25	0.00000000	0.00000000
26	0.00000000	0.00000000
27	0.00000000	0.00000000
28	0.00000000	0.00000000
29	0.00000000	0.00000000
30	0.00000000	0.00000000
31	0.00000000	0.00000000
32	0.00000000	0.00000000
33	0.00000000	0.00000000
34	0.00000000	0.00000000
35	0.00000000	0.00000000
36	0.00000000	0.00000000
37	0.00000000	0.00000000
38	0.00000000	0.00000000
39	0.00000000	0.00000000
40	0.00000000	0.00000000
41	0.00000000	0.00000000
42	0.00000000	0.00000000
43	0.00000000	0.00000000
44	0.00000000	0.00000000
45	0.00000000	0.00000000
46	0.00000000	0.00000000
47	0.00000000	0.00000000
48	0.00000000	0.00000000
49	0.00000000	0.00000000
50	0.00000000	0.00000000
51	0.00000000	0.00000000
52	0.00000000	0.00000000
53	0.00000000	0.00000000
54	0.00000000	0.00000000
55	0.00000000	0.00000000
56	0.00000000	0.00000000
57	0.00000000	0.00000000
58	0.00000000	0.00000000
59	0.00000000	0.00000000
60	0.00000000	0.00000000
61	0.00000000	0.00000000
62	0.00000000	0.00000000
63	0.00000000	0.00000000
64	0.00000000	0.00000000
65	0.00000000	0.00000000

## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 1-8)

ROW/COL	1	2	3	4	5	6	7	8
1	0.00000125	0.00000039	0.00000070	0.00000081	0.00000482	0.00000075	0.0000104	0.00000142
2	0.00000040	0.00000022	0.00000029	0.00000024	0.00000154	0.00000024	0.00000033	0.00000045
3	0.00000032	0.00000018	0.00000023	0.00000021	0.00000123	0.00000019	0.00000017	0.00000036
4	0.00000018	0.00000010	0.00000013	0.00000012	0.00000048	0.00000011	0.00000015	0.00000021
5	0.00000029	0.00000016	0.00000021	0.00000019	0.00000113	0.00000018	0.00000025	0.00000033
6	0.00000056	0.00000031	0.00000040	0.00000036	0.00000216	0.00000033	0.00000047	0.00000064
7	0.00000129	0.00000072	0.00000093	0.00000083	0.00000499	0.00000077	0.00000108	0.00000147
8	0.00000016	0.00000009	0.00000011	0.00000010	0.00000062	0.00000010	0.00000013	0.00000018
9	0.00000049	0.00000027	0.00000035	0.00000031	0.00000188	0.00000029	0.00000041	0.00000055
10	0.00000025	0.00000014	0.00000018	0.00000016	0.00000097	0.00000015	0.00000021	0.00000029
11	0.00000007	0.00000004	0.00000005	0.00000004	0.00000027	0.00000004	0.00000006	0.00000008
12	0.00000001	0.00000001	0.00000001	0.00000001	0.00000005	0.00000001	0.00000001	0.00000001
13	0.00000110	0.00000061	0.00000079	0.00000071	0.00000424	0.00000066	0.00000092	0.00000125
14	0.00000031	0.00000018	0.00000023	0.00000020	0.00000122	0.00000019	0.00000026	0.00000036
15	0.00000018	0.00000010	0.00000013	0.00000012	0.00000071	0.00000011	0.00000015	0.00000021
16	0.00000003	0.00000002	0.00000002	0.00000002	0.00000011	0.00000002	0.00000002	0.00000003
17	0.00000005	0.00000003	0.00000003	0.00000003	0.00000019	0.00000003	0.00000004	0.00000005
18	0.00000053	0.00000030	0.00000038	0.00000035	0.00000207	0.00000032	0.00000045	0.00000061
19	0.00000030	0.00000017	0.00000022	0.00000020	0.00000117	0.00000018	0.00000025	0.00000034
20	0.00000063	0.00000035	0.00000045	0.00000040	0.00000203	0.00000037	0.00000052	0.00000071
21	0.00000063	0.00000035	0.00000045	0.00000040	0.00000203	0.00000037	0.00000052	0.00000071
22	0.00000063	0.00000035	0.00000045	0.00000040	0.00000203	0.00000037	0.00000052	0.00000071
23	0.00000109	0.00000059	0.00000072	0.00000066	0.00000431	0.00000063	0.00000088	0.00001207
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00564331	0.00312594	0.00404609	0.00358239	0.00580262	0.00335205	0.00470588	0.00641671
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00132418	0.00075503	0.00096600	0.00091700	0.01929691	0.00081393	0.00113117	0.00152259
29	0.00000962	0.00004986	0.00005584	0.00004727	0.00004078	0.00004139	0.00005750	0.00008906
30	0.00039463	0.00025951	0.00032983	0.00029171	0.00044457	0.00026079	0.00032346	0.00035306
31	0.00001690	0.00001060	0.00001211	0.00001237	0.00003369	0.00001058	0.00001300	0.00001837
32	0.00004398	0.00002932	0.00003528	0.00003349	0.00007859	0.00002283	0.00003590	0.00004946
33	0.09304307	0.10098815	0.09362116	0.08340387	0.07290236	0.06240937	0.07389143	0.15645305
34	0.00441040	0.00247268	0.00322787	0.00294405	0.00355701	0.00260823	0.00365626	0.00504106
35	0.00091679	0.00058363	0.00064908	0.00062861	0.00580898	0.00054366	0.00077580	0.00101340
36	0.01260969	0.00934979	0.01103624	0.01566364	0.01504884	0.00655285	0.00974066	0.01277532
37	0.00800181	0.00606742	0.00494869	0.00681651	0.00562891	0.00538614	0.00679510	0.00721610
38	0.0420748	0.00315941	0.00343055	0.00278142	0.00380877	0.00247732	0.00361846	0.00555246
39	0.00103474	0.00104928	0.00100405	0.00088132	0.00080392	0.00067872	0.00083075	0.00167237
40	0.00288930	0.00192059	0.00219464	0.00173652	0.00235786	0.00165237	0.00230105	0.00331259
41	0.11964434	0.02317244	0.06504940	0.01713434	0.01715411	0.05499978	0.11404623	0.11025114
42	0.03806003	0.00969078	0.02991010	0.00679135	0.00639956	0.01311181	0.03377223	0.03303478
43	0.01395391	0.00671815	0.00980513	0.00592221	0.00604318	0.00683029	0.01328009	0.01567605
44	0.00570229	0.00145856	0.00332898	0.00159775	0.00441059	0.00272844	0.00567582	0.00554707
45	0.01040762	0.00203042	0.00594899	0.00132720	0.00165009	0.00335285	0.01094708	0.00840504
46	0.00060780	0.00049044	0.00464214	0.00051289	0.02984824	0.00259078	0.00893450	0.00617758
47	0.00320237	0.00144610	0.00352277	0.00043832	0.00054523	0.00026760	0.00036904	0.00058211
48	0.00458889	0.00265615	0.00327775	0.00169435	0.00363290	0.00168705	0.00266139	0.00325455
49	0.07399906	0.06148488	0.05660178	0.04438042	0.06503432	0.00395801	0.06304453	0.0873800
50	0.00321424	0.00131306	0.00216454	0.00138367	0.00311024	0.00159208	0.00329741	0.00335376
51	0.00007120	0.00002835	0.00004684	0.00002790	0.00013686	0.00003415	0.00006610	0.00007103
52	0.02754521	0.00960673	0.01784072	0.07183584	0.01666289	0.04805926	0.04695870	0.05980190
53	0.06244953	0.03959179	0.04822177	0.05047657	0.02346773	0.03935817	0.03636209	0.06794846
54	0.06526307	0.03757903	0.05087290	0.05679451	0.0113073	0.04236352	0.03298420	0.06915858
55	0.00417007	0.00297678	0.00275685	0.00319657	0.15377793	0.00271517	0.00327052	0.00410009
56	0.02841590	0.01673285	0.02018998	0.02014346	0.08103750	0.01764123	0.02334705	0.03158496
57	0.00193081	0.00131605	0.00145060	0.00135246	0.00199625	0.00119617	0.00130033	0.00185158
58	0.00151304	0.00082439	0.00105841	0.00127859	0.00377511	0.00103776	0.00132511	0.00176106
59	0.00173090	0.00046265	0.00101265	0.00037165	0.00043481	0.00080370	0.00164084	0.00167475
60	0.00097698	0.00014732	0.00068855	0.00036951	0.00063998	0.00046809	0.00061093	0.00064459

## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 9-16)

INDU/CDL	7	10	11	12	13	14	15	16
1 BREAD/FISH TRADEFRS, H	0.00000109	0.00000076	0.00000122	0.00000126	0.00000152	0.00000162	0.00000168	0.00000161
2 BREAD/FISH TRADERS, S	0.00000032	0.00000025	0.00000037	0.00000040	0.00000047	0.00000052	0.00000054	0.00000050
3 SHIP TRAILERS	0.00000026	0.00000020	0.00000031	0.00000032	0.00000039	0.00000042	0.00000043	0.00000039
4 TUNA PARSE-SEINERS	0.00000015	0.00000011	0.00000018	0.00000017	0.00000022	0.00000024	0.00000025	0.00000016
5 WE FISH SEINERS	0.00000023	0.00000018	0.00000029	0.00000030	0.00000036	0.00000038	0.00000040	0.00000014
6 HERRING GILLNETTERS	0.00000045	0.00000035	0.00000055	0.00000057	0.00000068	0.00000073	0.00000074	0.00000027
7 OTHER GILLNETTERS	0.00000103	0.00000081	0.00000126	0.00000131	0.00000157	0.00000168	0.00000174	0.00000064
8 SKALL SALMON TROLLERS	0.00000013	0.00000010	0.00000016	0.00000016	0.00000019	0.00000021	0.00000022	0.00000008
9 LARGE SALMON TROLLERS	1.00000039	0.00000031	0.00000048	0.00000049	0.00000059	0.00000063	0.00000066	0.00000024
10 SALMON/CRABBERS	0.00000020	1.00000004	0.00000025	0.00000026	0.00000031	0.00000033	0.00000034	0.00000012
11 SALMON/ALBACORE	0.00000006	0.00000004	1.00000007	0.00000007	0.00000009	0.00000009	0.00000010	0.00000004
12 LOGS-LINERS	0.00000001	0.00000001	0.00000001	1.00000001	0.00000001	0.00000002	0.00000002	0.00000001
13 BLACK COD POTS	0.00000088	0.00000069	0.00000107	0.00000111	1.00000034	0.00000143	0.00000148	0.00000054
14 CRAB/LOBSTER, N	0.00000025	0.00000020	0.00000031	0.00000032	0.00000038	1.00000041	0.00000043	0.00000015
15 CRAB/LOBSTER, S	0.00000015	0.00000012	0.00000018	0.00000017	0.00000022	0.00000024	1.00000025	0.00000009
16 BAITBOATS, TUNA	0.00000002	0.00000002	0.00000003	0.00000003	0.00000003	0.00000004	0.00000004	1.00000001
17 JIGBOATS, TUNA	0.00000004	0.00000003	0.00000005	0.00000005	0.00000006	0.00000006	0.00000006	0.00000002
18 DIVEBOATS	0.00000043	0.00000034	0.00000052	0.00000054	0.00000065	0.00000070	0.00000072	0.00000026
19 HARPOON, BILLFISH	0.00000024	0.00000019	0.00000030	0.00000031	0.00000037	0.00000039	0.00000041	0.00000015
20 FISH WHSL, PROC, DIST, SM	0.00000050	0.00000039	0.00000061	0.00000062	0.00000076	0.00000081	0.00000084	0.00000031
21 FISH WHSL, PROC, DIST, MED	0.000000510	0.00000400	0.00000624	0.00000640	0.00000776	0.00000829	0.00000860	0.00000313
22 FISH WHSL, PROC, DIST, LG	0.000000849	0.00000665	0.00001038	0.00001082	0.00001291	0.00001380	0.00001434	0.00000522
23 FISH IMP/EXP, BROKERS	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24 TUNA CARRIERS	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25 SEAFOOD RESTAURANTS	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26 OTHER EAT & DRINK	0.00447315	0.00351971	0.00549399	0.00525351	0.00685750	0.00730132	0.00751028	0.00274859
27 SEAFOOD MARKETS	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28 OTHER FOOD & KINDRED PROC	0.00110222	0.00085433	0.00133119	0.00176856	0.00163367	0.00176713	0.00189784	0.00067884
29 FURSTERY & OTHER FISHING	0.00006292	0.00004466	0.00007051	0.00006489	0.00008391	0.00010279	0.00009855	0.00003941
30 FORESTRY/FISH SERVICES	0.00032894	0.00025503	0.00041271	0.00049242	0.00045509	0.00039747	0.00046672	0.00024118
31 PETFOOD	0.0001385	0.0001082	0.0001737	0.0002293	0.0001908	0.0001995	0.0002347	0.00009446
32 ANIMAL & MARINE FATS	0.00003539	0.00002699	0.00004532	0.00004204	0.00005231	0.00005832	0.00005896	0.00002430
33 SHIP & BOAT	0.10946997	0.06744223	0.10688210	0.08526706	0.10869961	0.17910087	0.16721779	0.07453216
34 MOTOR FREIGHT	0.00350479	0.00277057	0.00435991	0.00403905	0.00533318	0.00572135	0.00596838	0.00221071
35 AGRICULTURE	0.00076644	0.00058656	0.00092444	0.00114921	0.00111431	0.00117048	0.00123217	0.00044891
36 MINING	0.00955337	0.00849475	0.01556495	0.01608501	0.01406494	0.01443180	0.0145835	0.00944891
37 CONSTRUCTION	0.00662789	0.00537202	0.00874558	0.01914780	0.00945759	0.00814942	0.01018246	0.00524973
38 LUMBER	0.00390787	0.00270747	0.00424191	0.00378091	0.00523524	0.00603096	0.00603096	0.00239732
39 FURNITURE	0.00116951	0.00073441	0.00116080	0.00093776	0.00122517	0.00192432	0.00179210	0.00078356
40 GLASS, STONE, CLAY	0.00247540	0.00179456	0.00281140	0.00269348	0.00361242	0.00417450	0.00389450	0.00148297
41 METAL	0.06662992	0.05897461	0.08423904	0.03568994	0.16523510	0.14253281	0.11205941	0.01521317
42 NON-ELECTRIC MACHINES	0.02143464	0.01812430	0.02833656	0.00741091	0.05248353	0.04650442	0.03120272	0.00589180
43 ELECTRIC EQUIPMENT	0.01040416	0.00793856	0.01219099	0.00680771	0.01893957	0.01972885	0.01642969	0.00501113
44 TRANSPORTATION EQUIP	0.00343705	0.00304449	0.00444656	0.00196418	0.00807649	0.00715130	0.00598642	0.00121012
45 INSTRUMENTS	0.00540285	0.00477521	0.00745312	0.00159719	0.01531495	0.01215663	0.00779121	0.00113470
46 MISC MFG GOODS	0.00406023	0.00384755	0.00576996	0.00072218	0.01253152	0.00907774	0.00537915	0.00043150
47 TEXTILES	0.00059469	0.00040422	0.00063353	0.00050602	0.00075666	0.00100428	0.00092962	0.00037606
48 APPAREL	0.00040219	0.00028654	0.00042353	0.00037136	0.00053909	0.00067370	0.00065186	0.00029457
49 PAPER	0.00266608	0.00184959	0.00293249	0.00237025	0.00389509	0.00377030	0.00371917	0.00126408
50 PRINTING	0.00362339	0.00290402	0.00467299	0.00562661	0.00514575	0.00527189	0.00603595	0.00246427
51 CHEMICAL	0.00601391	0.00443500	0.00701129	0.00593670	0.00914750	0.01044015	0.00965609	0.00393434
52 PETROLEUM	0.05503495	0.04575302	0.09140485	0.02840113	0.07322920	0.07712031	0.10118112	0.05604610
53 RUBBER & PLASTIC	0.00228369	0.00181083	0.00280265	0.00207429	0.00410112	0.00413212	0.00361446	0.00111853
54 LEATHER	0.00004850	0.00003953	0.00006085	0.00004258	0.00009479	0.00008659	0.00007575	0.00002228
55 TELEPHONE/PUB UTIL	0.00050353	0.004149390	0.03111407	0.03026687	0.05900682	0.06027243	0.11677806	0.03836291
56 WHOLESALE TRADERS	0.04990270	0.03954982	0.06611056	0.07177903	0.05789847	0.06416977	0.08376478	0.03616925
57 RETAIL TRADERS	0.05194054	0.04171617	0.07099893	0.08250873	0.05467082	0.06307787	0.08778860	0.03980148
58 INSURANCE	0.00343560	0.00270644	0.00438035	0.00794436	0.00470822	0.00445903	0.00527123	0.00250095
59 FINANCE	0.07435442	0.04973761	0.089704389	0.34314498	0.09046649	0.05625225	0.05863065	0.05509046
60 SERVICES	0.02287878	0.01824682	0.02874960	0.03330759	0.03388560	0.03265941	0.03856075	0.01518036
61 FED GOVERNMENT	0.00162969	0.00121875	0.00203487	0.00475672	0.00215845	0.00221770	0.00261867	0.00112909
62 ST & LOG GOVERNMENT	0.00121420	0.00105229	0.00161433	0.00167088	0.00189474	0.00193721	0.00233883	0.00087922
63 SCRAP MATERIALS	0.00104348	0.00088335	0.00129307	0.00060790	0.00237035	0.00214700	0.00171537	0.00032123
64 FOOD/BEV SUPPLIERS	1.56095083	1.40542268	1.71981544	1.89111907	1.83778039	1.85766009	1.92803346	1.38374081





## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 25-32)

ROW/COL	25	26	27	28	29	30	31	32
1	0.00503677	0.00020697	0.02412890	0.00023148	0.00000640	0.00000382	0.00002419	0.00002240
2	0.00162583	0.00006615	0.00771177	0.00007398	0.00000205	0.00001122	0.00000773	0.00000716
3	0.00130823	0.00005299	0.00617711	0.00005926	0.00000164	0.00000098	0.00000619	0.00000573
4	0.00103848	0.00003094	0.00036605	0.00003232	0.00000091	0.00000055	0.00000339	0.00000314
5	0.00119991	0.00004871	0.00567919	0.00005445	0.00000151	0.00000090	0.00000569	0.00000527
6	0.00228092	0.00009275	0.01081288	0.00010372	0.00000287	0.00000171	0.00001084	0.00001004
7	0.00526876	0.00021431	0.02498497	0.00023968	0.00000663	0.00000395	0.00002505	0.00002320
8	0.00055099	0.00002649	0.00308774	0.00002962	0.00000082	0.00000049	0.00000310	0.00000287
9	0.00198259	0.00008070	0.00940849	0.00009402	0.00000250	0.00001147	0.00000743	0.00000683
10	0.00102959	0.00004187	0.00488140	0.00004682	0.00000130	0.00000077	0.00000489	0.00000453
11	0.00029377	0.00001182	0.00137913	0.00001320	0.00000037	0.00000022	0.00000138	0.00000128
12	0.00004757	0.00000194	0.00022559	0.00002016	0.00000006	0.00000004	0.00000023	0.00000021
13	0.00447573	0.00018211	0.02123044	0.00020367	0.00000563	0.00000336	0.00002128	0.00001971
14	0.00128582	0.00005231	0.00609821	0.00005850	0.00000162	0.00000097	0.00000611	0.00000566
15	0.00074997	0.00003052	0.00359750	0.00003413	0.00000094	0.00000056	0.00000357	0.00000330
16	0.00012966	0.00000465	0.00054823	0.00000511	0.00000014	0.00000009	0.00000053	0.00000050
17	0.00019949	0.00000799	0.00093241	0.00000891	0.00000025	0.00000015	0.00000093	0.00000086
18	0.00218098	0.00008874	0.01034301	0.00009924	0.00000274	0.00001164	0.00001037	0.00000960
19	0.00123297	0.00005017	0.00584841	0.00005611	0.00000155	0.00000093	0.00000586	0.00000543
20	0.00467489	0.00010564	0.02022097	0.00009114	0.00000272	0.00001179	0.00000967	0.00000902
21	0.05204393	0.00106890	0.13788871	0.00102337	0.00029958	0.00001871	0.00010788	0.00010034
22	0.01945149	0.00174934	0.18520940	0.00212633	0.00005755	0.00003328	0.00022128	0.00020449
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00358595	0.00037360	0.00294611	0.00880761	0.00000000	0.01196112	0.00700895	0.00928678
27	0.00000000	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00308806	0.16179192	0.02006158	1.16591122	0.02492072	0.00878596	0.11641930	0.10534133
29	0.00002239	0.00066079	0.00004017	0.00004017	1.00086056	0.00942827	0.00071790	0.00968066
30	0.00047141	0.00023479	0.00097660	0.01426103	0.03453861	1.02795097	0.00489815	0.00263011
31	0.00001991	0.00020376	0.00003630	0.00053864	0.02469581	0.00774708	1.00825775	0.00133901
32	0.00002777	0.00044110	0.00006227	0.00233433	0.00133542	0.00056722	0.04684331	1.39942834
33	0.00333039	0.00025920	0.01455010	0.00038111	0.04562616	0.00025123	0.00028244	0.00079246
34	0.01397950	0.01785805	0.02654395	0.04308145	0.02429462	0.01135595	0.02493454	0.02544097
35	0.00507771	0.06605091	0.01466644	0.31367587	0.01903852	0.08472921	0.10236754	0.04903313
36	0.00682517	0.00447168	0.00548364	0.01795945	0.02826197	0.01795050	0.01019187	0.01520180
37	0.00637653	0.01047658	0.00768927	0.01458642	0.00883509	0.02464045	0.01084163	0.01315037
38	0.00129244	0.00256262	0.00249640	0.00831817	0.00293253	0.00783331	0.00562821	0.00207486
39	0.00008086	0.00008707	0.00019805	0.00019366	0.00084978	0.00016163	0.00013627	0.00008257
40	0.00091971	0.00631783	0.00161791	0.03423562	0.00275334	0.00508227	0.00567018	0.00446179
41	0.04217487	0.01356399	0.01880224	0.07072709	0.01801269	0.01988204	0.10766549	0.02039367
42	0.00248724	0.00199265	0.00556034	0.00637593	0.00785958	0.00533994	0.00481007	0.00435122
43	0.00293396	0.00198367	0.00323840	0.00505327	0.00504314	0.00641444	0.00514716	0.00374772
44	0.00220694	0.00123089	0.00154285	0.00366424	0.00226476	0.00461497	0.00428661	0.00248106
45	0.00114216	0.00076569	0.00179462	0.00166088	0.00433554	0.00162551	0.00155643	0.00100339
46	0.00102341	0.00139192	0.01792181	0.00210724	0.00308193	0.00205585	0.00283330	0.00088941
47	0.00016894	0.00025660	0.00026731	0.00085618	0.01422359	0.00210451	0.00057824	0.00043802
48	0.00021411	0.00045947	0.00027291	0.00104063	0.01273260	0.00372017	0.00064895	0.00055732
49	0.00812331	0.01773580	0.01232909	0.05246737	0.00709598	0.03720190	0.06099393	0.00794715
50	0.07617998	0.00983726	0.00315870	0.02934735	0.01035834	0.00996759	0.04409448	0.00918370
51	0.00402290	0.01125405	0.00442189	0.03498201	0.03045209	0.03931837	0.03428093	0.02061966
52	0.02639803	0.02025430	0.02786712	0.06963261	0.17876451	0.10187295	0.04464363	0.08064839
53	0.00171228	0.00685602	0.00243226	0.02051762	0.00580749	0.00484568	0.01137369	0.00397204
54	0.00004561	0.00005688	0.00009062	0.00013740	0.00028482	0.00105727	0.00013269	0.00043594
55	0.07796354	0.03046551	0.03599841	0.06461505	0.03622474	0.06182344	0.06513758	0.07868655
56	0.01268581	0.07208065	0.01622299	0.10189140	0.06762954	0.04393887	0.08836828	0.10756295
57	0.00783077	0.00169361	0.01189684	0.00419315	0.00211904	0.00739978	0.00243894	0.00241633
58	0.01785762	0.00914142	0.02290590	0.01227496	0.00399374	0.01498620	0.01115748	0.01121320
59	0.04983944	0.07288531	0.10698959	0.06469012	0.05353034	0.07666512	0.04215387	0.04510056
60	0.04463780	0.06794564	0.05692024	0.07865159	0.10156134	0.14026895	0.06595417	0.07366022
61	0.02299754	0.00258464	0.02262666	0.00368788	0.00265496	0.00360208	0.00308267	0.00327570
62	0.00124697	0.00438140	0.00103581	0.00472817	0.00265621	0.00415491	0.00393318	0.00536241
63	0.00060660	0.00045377	0.00040117	0.00231235	0.00249194	0.00068862	0.00252628	0.01164777
64	1.55783242	1.63164801	1.96610308	2.26057676	1.82352510	1.80002060	1.95244573	2.13321164

## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 33-40)

ROW/COL.	33	34	35	36	37	38	39	40
1	0.0000384	0.0000151	0.00001202	0.00000166	0.00000218	0.00000238	0.00000357	0.00000206
2	0.00000123	0.00000048	0.00000364	0.00000053	0.00000070	0.00000076	0.00000114	0.00000066
3	0.00000099	0.00000039	0.00000308	0.00000047	0.00000056	0.00000061	0.00000091	0.00000053
4	0.00000056	0.00000022	0.00000169	0.00000024	0.00000032	0.00000035	0.00000052	0.00000030
5	0.00000070	0.00000036	0.00000283	0.00000039	0.00000051	0.00000056	0.00000084	0.00000048
6	0.00000172	0.00000068	0.00000539	0.00000098	0.00000107	0.00000107	0.00000160	0.00000092
7	0.00000398	0.0000156	0.00001245	0.00000172	0.00000226	0.00000246	0.00000370	0.00000213
8	0.00000049	0.00000019	0.00000154	0.00000021	0.00000028	0.00000030	0.00000046	0.00000026
9	0.00000150	0.00000059	0.00000469	0.00000065	0.00000085	0.00000093	0.00000139	0.00000080
10	0.00000078	0.00000031	0.00000243	0.00000034	0.00000044	0.00000048	0.00000072	0.00000042
11	0.00000022	0.00000009	0.00000069	0.00000009	0.00000012	0.00000014	0.00000020	0.00000012
12	0.00000004	0.00000011	0.00000011	0.00000002	0.00000002	0.00000002	0.00000003	0.00000002
13	0.00000338	0.00000133	0.00001058	0.00000146	0.00000192	0.00000209	0.00000314	0.00000181
14	0.00000097	0.00000038	0.00000304	0.00000042	0.00000055	0.00000060	0.00000090	0.00000052
15	0.00000057	0.00000022	0.00000177	0.00000024	0.00000032	0.00000035	0.00000053	0.00000030
16	0.00000009	0.00000003	0.00000027	0.00000004	0.00000005	0.00000005	0.00000008	0.00000005
17	0.00000015	0.00000006	0.00000046	0.00000006	0.00000008	0.00000009	0.00000014	0.00000008
18	0.00000165	0.00000067	0.00000515	0.00000071	0.00000094	0.00000102	0.00000153	0.00000088
19	0.00000093	0.00000039	0.00000291	0.00000040	0.00000053	0.00000058	0.00000087	0.00000050
20	0.00000193	0.00000076	0.00000484	0.00000083	0.00000109	0.00000114	0.00000168	0.00000103
21	0.00001967	0.00000770	0.00009380	0.00000848	0.00001112	0.00001184	0.00001754	0.00001047
22	0.00003263	0.00001286	0.00010977	0.00001408	0.00001860	0.00002053	0.00003109	0.00001758
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.01752612	0.00669232	0.00472460	0.0073924	0.00760238	0.00866502	0.01142980	0.00892183
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00397791	0.00174019	0.00675529	0.00173244	0.00257773	0.00439050	0.00800371	0.00259573
29	0.00038379	0.0002462	0.00010667	0.00005860	0.00087831	0.01927217	0.0182556	0.00239912
30	0.00059876	0.00027350	0.00369100	0.00056439	0.00100388	0.00350309	0.00112993	0.00078691
31	0.00004042	0.00003027	0.00119869	0.00020089	0.00005887	0.00035419	0.00008317	0.00003320
32	0.00156442	0.00004043	0.00058429	0.00004655	0.00011991	0.00017646	0.00018512	0.00017520
33	1.00759409	0.00013603	0.00013929	0.00015504	0.00024453	0.00109758	0.00031345	0.00034893
34	0.01350707	1.11007243	0.01496311	0.00427217	0.02162386	0.01597865	0.01791432	0.05174991
35	0.02888311	0.00149846	1.20640257	0.00125826	0.00447339	0.03818909	0.00703298	0.00219487
36	0.01041637	0.01782082	0.01720733	1.03223647	0.01775623	0.01996828	0.01051438	0.04919706
37	0.00970257	0.00872182	0.01759238	0.04798030	1.00753873	0.01245693	0.01111317	0.01970286
38	0.02694291	0.00113592	0.00915060	0.00379599	0.08443727	1.43921393	0.13465774	0.00034952
39	0.01039721	0.00005901	0.00012060	0.00244159	0.00244159	0.00059795	1.01026669	0.00034952
40	0.01457669	0.00107762	0.00415009	0.00374862	0.03754822	0.01090196	0.01230927	1.12504623
41	0.16315992	0.00386981	0.01221861	0.02268015	0.11458208	0.07152067	0.11994607	0.02368228
42	0.07380062	0.00190594	0.00542178	0.01231686	0.01231366	0.01234718	0.00844037	0.00970242
43	0.05858296	0.00289762	0.00272919	0.00739906	0.03149586	0.00757082	0.00915169	0.00318692
44	0.01323704	0.00088953	0.00139215	0.00228262	0.00508745	0.00508954	0.00519651	0.00542976
45	0.00289909	0.00076093	0.00076093	0.00135025	0.00531522	0.00187041	0.00235599	0.00211365
46	0.0047231	0.00018001	0.00089007	0.00103418	0.00192388	0.00210594	0.00412594	0.00333790
47	0.00264354	0.00081550	0.00094747	0.00023777	0.00387629	0.00103371	0.01915032	0.00083101
48	0.00594439	0.00291159	0.00931611	0.00199470	0.00751693	0.00126744	0.00464410	0.00055489
49	0.00865347	0.00416722	0.00686253	0.00304327	0.00531325	0.00672199	0.01145515	0.00813249
50	0.04201347	0.00469963	0.06972672	0.00898563	0.02427757	0.02787679	0.03839559	0.03610369
51	0.0470730	0.11219370	0.10602079	0.03576427	0.07138317	0.11487143	0.04593405	0.07163501
52	0.00939819	0.00638947	0.00706380	0.00238820	0.01218361	0.01230816	0.07227449	0.01655496
53	0.00017046	0.00005484	0.00022536	0.00005537	0.00011136	0.00044400	0.00279133	0.00010762
54	0.03663829	0.03831973	0.03482773	0.02833086	0.03327088	0.05678173	0.03943416	0.09263014
55	0.05919164	0.02916926	0.03817257	0.01357109	0.09216923	0.07278828	0.07948686	0.04015151
56	0.00279645	0.01190899	0.00738480	0.00299284	0.00374884	0.00409343	0.00225600	0.00271897
57	0.00701648	0.02786297	0.01570979	0.00834305	0.00912937	0.01138370	0.01207587	0.00839444
58	0.03705641	0.03615963	0.10548483	0.18751454	0.03744982	0.04653826	0.03421977	0.05418443
59	0.07531759	0.00986720	0.05035446	0.05134666	0.09113206	0.07186563	0.07338873	0.06473213
60	0.00306058	0.00255678	0.00211243	0.00293296	0.00239012	0.00436650	0.00340931	0.00285106
61	0.00326140	0.00270249	0.00343932	0.00413700	0.00182601	0.00435862	0.00447193	0.00641274
62	0.00331454	0.00018931	0.00041179	0.00121263	0.00187083	0.00174447	0.00218365	0.00326208
63	1.78359295	1.54112700	1.88365770	1.51254667	1.75361918	2.12290817	1.88924649	1.76958997

## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 41-48)

ROW/COL	41	42	43	44	45	46	47	48
1	0.00000394	0.00000484	0.00000543	0.00000327	0.00000277	0.00000232	0.00000203	0.00000203
2	0.00000126	0.00000195	0.00000174	0.00000104	0.00000104	0.00000089	0.00000071	0.00000065
3	0.00000101	0.00000070	0.00000139	0.00000088	0.00000088	0.00000071	0.00000057	0.00000052
4	0.00000058	0.00000040	0.00000080	0.00000048	0.00000048	0.00000041	0.00000032	0.00000030
5	0.00000093	0.00000064	0.00000114	0.00000077	0.00000077	0.00000065	0.00000052	0.00000048
6	0.00000177	0.00000122	0.00000217	0.00000146	0.00000146	0.00000124	0.00000099	0.00000091
7	0.00000410	0.00000282	0.00000501	0.00000338	0.00000338	0.00000287	0.00000229	0.00000210
8	0.00000051	0.00000035	0.00000069	0.00000042	0.00000042	0.00000035	0.00000028	0.00000026
9	0.00000080	0.00000055	0.00000098	0.00000066	0.00000066	0.00000056	0.00000045	0.00000041
10	0.00000023	0.00000016	0.00000028	0.00000021	0.00000021	0.00000016	0.00000013	0.00000012
11	0.00000004	0.00000003	0.00000005	0.00000003	0.00000003	0.00000003	0.00000002	0.00000002
12	0.00000348	0.00000240	0.00000426	0.00000287	0.00000287	0.00000244	0.00000195	0.00000178
13	0.00000100	0.00000069	0.00000122	0.00000083	0.00000083	0.00000070	0.00000056	0.00000051
14	0.00000058	0.00000040	0.00000071	0.00000041	0.00000041	0.00000033	0.00000026	0.00000023
15	0.00000009	0.00000006	0.00000011	0.00000007	0.00000007	0.00000006	0.00000005	0.00000005
16	0.00000015	0.00000011	0.00000019	0.00000013	0.00000013	0.00000011	0.00000009	0.00000008
17	0.00000096	0.00000066	0.00000117	0.00000079	0.00000079	0.00000067	0.00000054	0.00000049
18	0.00000199	0.00000137	0.00000244	0.00000163	0.00000163	0.00000137	0.00000104	0.00000100
19	0.00002028	0.00001397	0.00002482	0.00001653	0.00001653	0.00001402	0.00001087	0.00001022
20	0.00003360	0.00002317	0.00004109	0.00002784	0.00002784	0.00002374	0.00001930	0.00001736
21	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
22	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.01816176	0.01247868	0.02231985	0.01430111	0.01430111	0.01148399	0.00701442	0.00827963
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00000276	0.00279643	0.00524402	0.00391332	0.00391332	0.00390637	0.00503299	0.00294947
29	0.00012858	0.00097564	0.00332135	0.0009329	0.0009329	0.00062469	0.0008013	0.00047043
30	0.00068401	0.00041012	0.00056059	0.00041398	0.00041398	0.00061651	0.00191891	0.00043669
31	0.00003259	0.00002558	0.00003605	0.00002892	0.00002892	0.00004650	0.00003826	0.00003826
32	0.00011610	0.00005951	0.00010540	0.00008596	0.00010105	0.00022189	0.00032665	0.00005354
33	0.00030629	0.00026964	0.00019160	0.00025220	0.00017124	0.00021581	0.00019239	0.00014164
34	0.01277044	0.01019106	0.00993757	0.01244896	0.01226193	0.01590483	0.01720280	0.01343121
35	0.00228200	0.00164431	0.00254426	0.00323496	0.00221027	0.00431362	0.03656951	0.00436860
36	0.01730139	0.00962663	0.00726269	0.00758780	0.00746483	0.01030873	0.01041887	0.00471797
37	0.01291637	0.00924988	0.01032427	0.00937195	0.00874407	0.01030873	0.00890665	0.00571147
38	0.00809109	0.00597026	0.00428991	0.00293846	0.00572084	0.04359983	0.00423891	0.00241005
39	0.00043123	0.00023222	0.00158376	0.00436154	0.00038410	0.00064103	0.00013182	0.00024535
40	0.06226630	0.00561059	0.00948794	0.00849265	0.00705162	0.00719786	0.00303772	0.00125152
41	1.18946255	0.15643709	0.09455158	0.12741641	0.08579648	0.07350760	0.08208895	0.00488176
42	0.02237195	0.09411211	0.01353689	0.03306720	0.01352127	0.00760405	0.0048214	0.00201621
43	0.03509008	0.02709971	1.26950549	0.99032417	0.06837828	0.01577232	0.00255489	0.00099945
44	0.03494924	0.00971695	0.00513234	1.12400320	0.0456753	0.00378384	0.00138072	0.00099945
45	0.00568787	0.00309141	0.00624767	0.01085180	1.03127019	0.00242302	0.00144819	0.00076908
46	0.00158157	0.00143476	0.00254181	0.00200452	0.00427562	1.03355458	0.00422862	0.00422862
47	0.00062191	0.00121482	0.00046180	0.00473295	0.00251787	0.00472611	0.0190344	0.07429955
48	0.00084575	0.00065306	0.00067819	0.00418864	0.00060934	0.00276412	0.00542190	1.09757486
49	0.01018813	0.00751599	0.01211661	0.00639024	0.01353498	0.04591168	0.01949134	0.01435043
50	0.00952493	0.00623999	0.01134157	0.00920972	0.01064209	0.01827534	0.01328108	0.00788088
51	0.02469950	0.01193999	0.02173175	0.01642210	0.02093308	0.04907338	0.07463983	0.00996613
52	0.03573112	0.04534308	0.02956593	0.03166385	0.03481024	0.05203743	0.05033010	0.02288588
53	0.01082126	0.01078445	0.02129098	0.01653894	0.02472942	0.04792283	0.02175643	0.00756876
54	0.00020133	0.00013883	0.00013291	0.00017834	0.00014814	0.00294746	0.00012901	0.00088863
55	0.05377878	0.03945877	0.04588527	0.04311739	0.03605393	0.04639929	0.04975041	0.03392274
56	0.04440784	0.04667840	0.04803664	0.06076331	0.03860255	0.03429832	0.06943411	0.06444120
57	0.00286615	0.00216060	0.00267257	0.00309059	0.00210189	0.00206246	0.00155433	0.00153918
58	0.00694008	0.00533859	0.00633283	0.00564471	0.00565297	0.00603059	0.00514427	0.00531244
59	0.04184138	0.04345446	0.06757816	0.03724927	0.04121869	0.03595471	0.04205813	0.04579975
60	0.07178722	0.05783662	0.09165127	0.07834583	0.07203562	0.07263650	0.05210361	0.05932660
61	0.00357598	0.00288516	0.00402802	0.00350762	0.00346563	0.00370098	0.00262639	0.00465416
62	0.00428109	0.00281984	0.00352896	0.00318216	0.00284571	0.00362530	0.00496711	0.00252334
63	0.01792507	0.00548140	0.00317612	0.00267530	0.00561241	0.00227353	0.00340746	0.00081411
64	1.70875226	1.63980498	1.83135002	1.81337065	1.58623451	1.713922103	1.66347108	1.52154775

## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 49-56)

ROW/COL	50	51	52	53	54	55
1	0.00000190	0.00000487	0.00000075	0.00000252	0.00001324	0.00000254
2	0.00000051	0.00000156	0.00000024	0.00000080	0.00000423	0.00000081
3	0.00000049	0.00000076	0.00000019	0.00000054	0.00000339	0.00000065
4	0.00000028	0.00000071	0.00000011	0.00000037	0.00000186	0.00000037
5	0.00000045	0.00000115	0.00000018	0.00000059	0.00000312	0.00000060
6	0.00000085	0.00000218	0.00000034	0.00000113	0.00000593	0.00000114
7	0.00000127	0.00000390	0.00000070	0.00000260	0.00001371	0.00000446
8	0.00000024	0.00000062	0.00000010	0.00000032	0.00000169	0.00000055
9	0.00000074	0.00000190	0.00000029	0.00000098	0.00000516	0.00000099
10	0.00000039	0.00000076	0.00000015	0.00000051	0.00000268	0.00000091
11	0.00000011	0.00000022	0.00000004	0.00000014	0.00000076	0.00000037
12	0.00000002	0.00000004	0.00000001	0.00000002	0.00000012	0.00000004
13	0.00000168	0.00000428	0.00000066	0.00000221	0.00001165	0.00000379
14	0.00000048	0.00000123	0.00000019	0.00000064	0.00000335	0.00000064
15	0.00000028	0.00000072	0.00000011	0.00000037	0.00000195	0.00000037
16	0.00000004	0.00000008	0.00000002	0.00000006	0.00000029	0.00000010
17	0.00000007	0.00000019	0.00000003	0.00000010	0.00000051	0.00000017
18	0.00000082	0.00000162	0.00000032	0.00000108	0.00000568	0.00000109
19	0.00000046	0.00000091	0.00000018	0.00000061	0.00000321	0.00000185
20	0.00000093	0.00000190	0.00000037	0.00000124	0.00000542	0.00000217
21	0.00000095	0.00000190	0.00000038	0.00000126	0.00000583	0.00000221
22	0.00001637	0.00004238	0.00000647	0.00002156	0.0012039	0.00003660
23	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
24	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
25	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
26	0.00742441	0.01720944	0.00301715	0.01025840	0.00879233	0.01032522
27	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
28	0.00308920	0.00389135	0.00115507	0.00368355	0.00355593	0.00375313
29	0.00085364	0.00007835	0.00015794	0.00015578	0.00015505	0.00005779
30	0.00059800	0.00061675	0.00020575	0.00063123	0.00119267	0.00141059
31	0.00004678	0.00003806	0.00000699	0.00003383	0.00006897	0.00003438
32	0.00022366	0.00110336	0.00021125	0.00079865	0.00051971	0.00003606
33	0.00030979	0.00023419	0.00012203	0.00079865	0.00051971	0.00003606
34	0.01984347	0.01221950	0.00464669	0.01736447	0.02166104	0.00168151
35	0.00422056	0.00230923	0.00064087	0.00240151	0.00270717	0.00231317
36	0.01157492	0.00688375	0.03131350	0.16079967	0.00982321	0.05407884
37	0.01424831	0.01288240	0.01745430	0.01422967	0.00841378	0.03979768
38	0.04208675	0.0041606	0.00441119	0.00160496	0.00941866	0.00818123
39	0.00021300	0.0014950	0.00024466	0.00006394	0.00043953	0.00052556
40	0.00325271	0.00216590	0.01180266	0.00251829	0.01027065	0.00305809
41	0.01687531	0.00993800	0.04124146	0.01005004	0.03054534	0.01187900
42	0.00592520	0.00403392	0.00086816	0.00444041	0.01235316	0.00420361
43	0.00351689	0.00463411	0.00502091	0.00216904	0.00630621	0.00136563
44	0.00196234	0.00168726	0.00294818	0.00089343	0.00428557	0.00246655
45	0.00159659	0.00523228	0.00309928	0.00070668	0.00298413	0.00292727
46	0.00178443	0.00395373	0.00394221	0.00052062	0.00141453	0.00151633
47	0.00320795	0.00080916	0.00048421	0.00017481	0.00767121	0.00130074
48	0.00064298	0.00065288	0.00062635	0.0010468	0.01411958	0.00059827
49	1.17324843	0.06039781	0.03027204	0.00305750	0.00161041	0.00064104
50	0.00960681	1.07354173	0.03819153	0.00093501	0.02329125	0.0004477
51	0.04650710	0.02319857	1.15457582	0.00366460	0.01250303	0.0089247
52	0.05858749	0.00239774	0.00803748	0.01193136	0.05512114	0.00545150
53	0.02291469	0.00921484	0.03256921	1.13079279	0.04874878	0.11479004
54	0.00136334	0.00018519	0.00035621	0.00171467	0.05366531	0.00260652
55	0.06109193	0.06631684	0.00018423	0.00003226	0.00015579	0.00006089
56	0.05525051	0.03940015	0.04988194	0.03819320	0.04926308	1.15433404
57	0.00180620	0.00239774	0.00248265	0.00113468	0.04416657	0.01684648
58	0.00536240	0.01042437	0.00803748	0.00309441	0.00196887	0.00296845
59	0.0446399	0.08503438	0.07101101	0.04136752	0.04669459	0.01142793
60	0.05553035	0.10325194	0.10432837	0.02128022	0.06582413	0.06322204
61	0.00244041	0.01561043	0.00384743	0.00109758	0.0578084	0.07307782
62	0.00464757	0.00375232	0.00571984	0.00213032	0.00477761	0.00422163
63	0.00688437	0.00089405	0.00522250	0.00031787	0.00269408	0.00365087
64	1.71397376	1.61639941	1.89663071	1.47471105	1.75464757	1.38785393

## Leontieff (I-A) Inverse Table (Rows 1-64, Columns 57-63)

ROW/COL	57	58	59	60	61	62	63
1	0.0000141	0.0000052	0.0000010	0.0000413	0.0000108	0.0000193	0.00000216
2	0.0000045	0.00006176	0.0000003	0.00000132	0.0000035	0.0000062	0.00000059
3	0.0000036	0.0000141	0.0000027	0.0000106	0.0000028	0.0000049	0.00000055
4	0.0000021	0.0000081	0.0000015	0.0000066	0.0000016	0.0000028	0.00000032
5	0.0000033	0.0000130	0.0000025	0.0000097	0.0000026	0.0000045	0.00000051
6	0.0000063	0.0000247	0.0000047	0.0000185	0.0000049	0.0000086	0.00000097
7	0.0000146	0.0000571	0.0000108	0.0000427	0.0000112	0.0000200	0.00000223
8	0.0000018	0.0000071	0.0000013	0.0000053	0.0000014	0.0000025	0.00000028
9	0.0000055	0.0000215	0.0000041	0.0000161	0.0000042	0.0000075	0.00000084
10	0.0000029	0.0000112	0.0000021	0.0000084	0.0000022	0.0000039	0.00000044
11	0.0000008	0.0000031	0.0000006	0.0000024	0.0000006	0.0000011	0.00000012
12	0.0000001	0.0000005	0.0000001	0.0000004	0.0000001	0.0000002	0.00000002
13	0.0000124	0.0000485	0.0000092	0.0000363	0.0000095	0.0000170	0.00000190
14	0.0000036	0.0000139	0.0000026	0.0000104	0.0000027	0.0000049	0.00000054
15	0.0000021	0.0000081	0.0000015	0.0000061	0.0000016	0.0000028	0.00000032
16	0.0000003	0.0000012	0.0000002	0.0000009	0.0000002	0.0000004	0.00000005
17	0.0000005	0.0000021	0.0000004	0.0000016	0.0000004	0.0000007	0.00000008
18	0.0000060	0.0000236	0.0000045	0.0000177	0.0000046	0.0000083	0.00000092
19	0.0000034	0.0000134	0.0000025	0.0000100	0.0000026	0.0000047	0.00000052
20	0.0000071	0.0000279	0.0000053	0.0000200	0.0000054	0.0000097	0.0000107
21	0.0000072	0.0000283	0.0000055	0.0000205	0.0000052	0.0000094	0.0000107
22	0.0001198	0.0004676	0.0000891	0.0003555	0.0000923	0.0001643	0.0001839
23	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
24	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
25	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
26	0.00640690	0.02376761	0.00470841	0.01368497	0.00476375	0.00855632	0.00939965
27	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
28	0.00148397	0.00517623	0.00114549	0.00706038	0.00128170	0.00221549	0.00262122
29	0.0002434	0.00003335	0.00004979	0.0005128	0.00001782	0.00015925	0.00012937
30	0.0003739	0.00041160	0.00248681	0.00123268	0.00032524	0.00167726	0.00036994
31	0.0002056	0.00003503	0.00003287	0.00029935	0.00001797	0.00003681	0.00001991
32	0.0002124	0.00002823	0.00001762	0.00009389	0.00003255	0.00009484	0.00007498
33	0.0012547	0.00018849	0.00006041	0.00016245	0.00003885	0.00038818	0.00614783
34	0.00443785	0.00416179	0.00277127	0.00765157	0.02162597	0.01261527	0.00717868
35	0.00101373	0.00297516	0.00202752	0.00592423	0.00089660	0.00229446	0.00179506
36	0.00608187	0.00501746	0.00322370	0.00723042	0.00607773	0.02110027	0.01176081
37	0.01256206	0.00933890	0.04965498	0.01869678	0.01023431	0.16688237	0.00748739
38	0.00134842	0.00108665	0.00333685	0.00242874	0.00093926	0.01105224	0.00747932
39	0.0005048	0.0005221	0.00013334	0.00016607	0.0005898	0.00044621	0.00030885
40	0.00120301	0.00102860	0.00300717	0.00346025	0.00102441	0.01048265	0.00333647
41	0.00307054	0.00294229	0.00642136	0.01033708	0.00383395	0.00510867	0.03436902
42	0.0005171	0.00078972	0.00093396	0.00383395	0.00089726	0.00510867	0.03436902
43	0.00177614	0.00231279	0.00239730	0.01129703	0.00147461	0.00958995	0.00861739
44	0.00087302	0.00136560	0.00070738	0.00874875	0.00085279	0.00434166	0.06203117
45	0.00062305	0.00104317	0.00053626	0.00765892	0.00085279	0.00187341	0.01252288
46	0.00142104	0.00132544	0.00062140	0.00375845	0.00065409	0.0104592	0.00516794
47	0.00018123	0.00013670	0.00023840	0.00058241	0.00036929	0.00095033	0.00920629
48	0.00026575	0.00023814	0.00019594	0.00182977	0.00111731	0.00139327	0.00220116
49	0.00757039	0.00562104	0.00172976	0.00574077	0.00255020	0.00374588	0.06774023
50	0.01765154	0.01596752	0.00655993	0.01292204	0.00506534	0.00611464	0.06316935
51	0.00299616	0.00279085	0.00459587	0.01430426	0.00584106	0.01768324	0.01462759
52	0.03219034	0.02114686	0.01620278	0.03645797	0.02780363	0.11037578	0.04981997
53	0.00244477	0.00167987	0.00180710	0.00684307	0.00280451	0.00386520	0.00986706
54	0.00006135	0.00011109	0.00003914	0.00046286	0.00062188	0.0006525	0.00762448
55	0.03659770	0.05431807	0.01540614	0.04384528	0.03506617	0.10601483	0.0460074
56	0.01004516	0.01013510	0.00635229	0.02470331	0.00681578	0.02147651	0.02557053
57	0.00278242	0.00395696	0.00313269	0.00430607	0.00099949	0.00877029	0.00146984
58	0.01213528	1.46549389	0.01741468	0.01523056	0.00404796	0.00806307	0.00388914
59	0.09681407	0.07500180	1.09237821	0.9372195	0.05089582	0.04049387	0.02800936
60	0.05633728	0.10590173	0.04401494	1.14917746	0.05704469	0.06614898	0.04132413
61	0.00394681	0.00962531	0.00728109	0.00757734	0.00305210	0.00378890	0.00258213
62	0.00394681	0.00260146	0.00176906	0.00419730	0.00357623	1.01674743	0.00228096
63	0.00015333	0.00013263	0.00013367	0.00061135	0.00011002	0.00045542	1.00530758
64	0.33224047	1.83923185	1.30170690	1.53897469	1.28501436	1.69896923	1.96984352