

4-1972

## An Interindustry Analysis of the Texas High Plains-Part 1

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An Interindustry Analysis  
of the  
Texas High Plains  
Part I

Texas  
Interindustry  
Project

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Lubbock, Texas

April 1972

The preparation of this report was financed in part through an urban planning grant from the Department of Housing and Urban Development, under the provision of Section 701 of the Housing Act of 1954, as amended.

OFFICE OF THE GOVERNOR  
DIVISION OF PLANNING COORDINATION

PRESTON SMITH  
GOVERNOR OF TEXAS

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PART I  
1972

ABSTRACT

TITLE: : An Interindustry Study of the Texas High Plains:  
Part I

AUTHOR : James E. Osborn and William C. McCray

SUBJECT : Input-Output Models and Interregional Economics

DATE : April 1972

LOCAL PLANNING  
AGENCY : Office of the Governor  
Division of Planning Coordination  
State of Texas

SOURCE OF COPIES : Clearinghouse for Federal Scientific and Technical  
Information, Springfield, Va. 22151  
Office of the Governor, Division of Planning Coordination,  
Capitol Station, Box 12428, Austin, Texas 78711  
For reference: HUD Regional Office Library, Region V,  
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HUD Library, Washington, D. C.  
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Texas, Austin, Texas 78712  
Planning school libraries, Depository  
libraries

HUD PROJECT NO. : Tex P-313

SERIES NO. : Not applicable

NO. OF PAGES : 186

ABSTRACT : The overall objective of this study was to determine the interindustry relationships of a 56 county area in northwest Texas which is called the High Plains. An Input-Output Model was determined for the area with 94 processing sectors, six final payments sectors, and seven final demand sectors. The processing sectors were classified into 11 industrial groups. The model was closed with respect to the Households Sector. The model was based on 1967.

Transactions for the model were based on interviews from sample firms and mail surveys as well as information from State agencies and associations. Producers prices FOB the shipper were used to determine the transactions.

It was estimated that 335,282 people were employed by the processing sectors in 1967. The region was a net exporter of goods and services to other regions, states and nations (\$2,529.8 million of exports in excess of imports). The mining industry was the largest industry in the region (\$2,161.2 million). Total interindustry benefits from irrigation were estimated to be \$1,561.1 million.

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## PREFACE

Professor Wassily Leontief of Harvard University published the first Input-Output analysis of the U. S. Economy in 1936. As opposed to other analytic tools used by economists which emphasize understanding of economic phenomena through economic variables, such as employment, income, the interest rate, the price level, gross product, value added, and investment, Leontief's Input-Output techniques dealt with the problem of understanding the structure of specialized functioning economies, and the ways in which the individual parts influence each other. The Input-Output technique permits the analyst to classify and organize transactions data about the economy into mathematical statements which represent the trading among the individual sectors of the economy. The models systematically display each sector's sales and purchases and quantitatively measure outputs and inputs of each sector for the time period chosen. A solution of the system of equations provides quantitative estimates of interindustry relationships.

Since Leontief's first Input-Output publication in 1936, Input-Output Models of the U. S. Economy have been published by the Bureau of Labor Statistics of the U. S. Department of Labor and by the Office of Business Economics of the U. S. Department of Commerce. The former was for the year 1947 and the latter were for the years 1958 and 1963. A number of other national Input-Output Models have been prepared, including models for Japan, The United Kingdom, France, Sweden, The Netherlands, Russia, and Israel. In recent years, Input-Output Models of economies of states within the United States have been published. Notable examples are those for West Virginia, Kansas, Washington, Arizona, Nebraska, North Carolina, New Mexico and Mississippi. Other recent studies of regions and parts of states include The Lower Colorado Region, parts of California, Pennsylvania, Oklahoma and Texas.

Governments and industries alike have found the information provided by Input-Output Models to be useful in planning future activities and assessing the economic impacts of selected investments and policies. Industries such as Western Electric, Celanese Corporation, and United States Steel Corporation have used Input-Output analyses to assist in the planning of procurement of input materials, intra-industry management of diverse but interrelated departments and the estimation of expected direct and indirect consumption of products produced both by direct customers as well as the customers of their respective customers. Notable uses of Input-Output Models by governmental agencies are the evaluations of economic impacts of public facility construction, defense spending, and water project construction.

In 1968, the Population and Economics Task Force of the Planning Agency Council for Texas initiated an extensive interindustry study of the Structure of the Texas Economy. Funding was obtained through a U. S. Department of Housing and Urban Development 701 Comprehensive

Planning Grant with one-third state and two-thirds federal monies. Project administration, leadership, and direction was placed in the Division of Planning Coordination of the Office of the Governor.

The major aim of the program was the estimation of Input-Output Models of regional economies within Texas and of the Texas statewide economy for 1967. The procedures emphasized estimation of Input-Output Models from a sample of primary data. Secondary data were required for the purpose of calculating a part of the Input-Output Model parameters, including the individual sector or industry output totals. The study year 1967 was chosen, since 1967 was the most recent year for which complete censuses of manufacturing, business, transportation, and mineral industries were available for Texas.

Nine Texas Universities were invited by the Governor to participate in the project. For study purposes, Texas was divided into nine regions and the Governor's Office initiated a series of contracts with each of the nine participating universities (later reduced to eight) for the collection of data from a sample of manufacturing and business establishments of a specific region and the estimation of the regional Input-Output Model. Each contract provided for a project staff and a project director at each participating university. The contractual arrangement further provided for uniform coordination of regional projects to the extent that definitions and standard questionnaires, data processing procedures, and data classification procedures, as determined through the leadership of the statewide project director's office, would be followed in the conduct of each respective regional study.

The state project director's office established the sampling procedure and drew the sample of establishments to be interviewed in each region. The state project director's office issued general guidelines, special reports prepared by individual consultants, and conducted a part of the secondary and primary data processing. Regional project directors participated in the formulation of research guidelines through periodic project directors' meetings and in "special reports" to the state director's office. The regional project staffs conducted the surveys, prepared the survey data for computer data processing, and transmitted copies of the survey data to the state director's office. The survey data from the nine individual regions were combined and used in the estimation of a state Input-Output Model. In addition, each regional project staff analyzed the data and estimated the Input-Output Model for its particular region.

The High Plains regional project was conducted at Texas Tech University by members of the staff of the Department of Agricultural Economics. This report presents the Input-Output Model and suggests some types of analyses that can be made of the regional economy. The Input-Output analyses and interpretations are those of the author, and do not necessarily represent the views of the State Project Director, the Office of the Governor, nor the U. S. Department of Housing and Urban Development.

Herbert W. Grubb, Ph.D.  
Texas Input-Output Project Director

## ACKNOWLEDGMENTS

The cooperation of the West Texas businessmen who provided the basic information for the 1967 transactions was necessary to complete this study. The cooperators must remain anonymous since the information was provided on a confidential basis. However, without their participation in the study this report would be impossible. In addition, many state and federal officials were involved in the assembly and evaluation of data. The efforts of Dr. Herbert Grubb and his staff in the Governor's Office have provided data and assistance that were necessary to conduct and complete this study. Also, assistance in data analysis and development of questionnaires by researchers at Hardin-Simmons University, The University of Texas at Arlington, The University of Texas at El Paso, Texas A&M University, and The University of Houston was critical to the completion of this report.

Staff turnover on a study of this magnitude is inevitable. Each clerk, interviewer, and/or secretary has made a major contribution to the study.

The following undergraduate students conducted field interviews during the summer of 1969: Bill Barrick, Mike Killman, Kenny Laye, Charles Scarborough, and Jo Ben Whittenburg. In addition, the following Undergraduate and Graduate Students conducted field interviews in the spring and summer of 1970: Kelly Beckworth, Verne Jackson, Mike Killman, Kenny Laye, David Pruitt, and Richard Sterling. Several of these students were involved in the difficult task of coding and verifying the large volume of data in the study.

The task of coordinating the field interviews was conducted by Wendell Barrick in the summer of 1969. These duties were accepted by William McCray in the spring and summer of 1970.

The clerical staff of the project has included: David Block, William Chessher, Steve Coates, Richard Connell, Freddie Foy, Mackey Hancock, Kay Hudson, and Ronnie Reed. Mr. Robert Burns Wadley contributed significantly to the study with his ability and patience in the use of the electronic computer.

The following secretaries assisted in preparing preliminary reports, progress reports, and drafts of this report as well as typing letters to cooperating businessmen and answering the telephone to relay messages: Mrs. Judy Blevens, Mrs. Kay Corcoran, Mrs. Blonnie Pollard, Mrs. Judy Stevens, Mrs. Judy Watson, and Mrs. Vicki Wheeler.

This study has been financed, primarily, from the Governor's Office of the State of Texas through Interagency Agreement Contracts. The School of Agricultural Sciences and the Water Resources Center at Texas Tech University provided funds that were required to hire additional staff members and for travel to out-of-state locations to interview firms. The support by Texas Tech University for space and facilities is appreciated.

James E. Osborn  
Regional Project Director  
(Texas High Plains)



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An Interindustry Analysis of the Texas  
High Plains Economy: Part I

James E. Osborn and William C. McCray<sup>1/</sup>

INTRODUCTION

A regional economy generally progresses through several stages in the process of internal development. An initial stage of development includes specialization in the production of a product or in an industry. Specialization by the region is determined primarily by the resources available and the available markets for the production. As production firms locate in the region to produce with the regional resources, additional substitute and complementary resource requirements begin to develop.

The additional resource requirements will provide an incentive for new firms to respond if the investment is economically feasible in the region. Some of the new firms will be resource suppliers. In addition, other new firms will process some of the specialized production. In this manner, a dependency is established between a firm's supply requirements and/or markets for their products. Consequently, regional development has a tendency to include firms that are dependent.

The next stage of development in a region generally includes formation of a more diversified economic base for the region. Expansion takes place as new firms are attracted by additional benefits from an expanding industrial area. This stage results from concentration of economic activity in a metropolitan area. In addition, this stage contributes to the concentration of economic activity in a metropolitan area.

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<sup>1/</sup> Associate Professor and former Research Assistant, respectively, Department of Agricultural Economics, Texas Tech University, Lubbock.

### Texas High Plains

The Texas High Plains is a major grain sorghum, wheat, cotton and livestock producing area. Nearly 82 percent of the value of crop production is associated with irrigation. Also, 59 percent of cropland acres are irrigated. In 1940, there were approximately 250,000 acres irrigated, but this has increased to 5.7 million acres in 1967 (8).

The major source of irrigation water in the area is an aquifer known as the Ogallala. The Ogallala is an aquifer which is isolated from significant sources of recharge relative to the pumping rate. Continued pumping from the formation will eventually exhaust the supply of groundwater.

Significant quantities of natural gas and crude petroleum are being mined from deposits throughout the High Plains area with concentrations in the northern and southern sections. In 1965, the amount of crude oil produced in the study area was 401 million barrels (54). It was estimated that \$1,906.9 million of natural gas and crude petroleum were mined in the area in 1967. This was 36.7 percent of the estimated production for the State in 1967 (61). The economic benefits from natural gas and crude oil production will decline in the future since the natural deposits are being exhausted.

Manufacturing is an important industry in the High Plains area with 16.7 percent of total output of all producing sectors in 1967 (25). Three industrial sectors comprised 68.3 percent of the value of shipments. In addition, petroleum products manufacturing, one of the three industrial sectors, accounted for 34.5 percent of the value of shipments for manufacturing in the area.

The impact of the declines in agricultural production on businesses and industries that are interrelated with irrigation is not known. Although it is common belief in the region that many industries and

possibly a significant portion of the economy is dependent on irrigated agriculture, the amount of dependence and interdependence is not known. In addition, insufficient information is available to indicate types of industries that could be attracted to the area to replace irrigated agriculture to continue the development of the region. It appears that a decline in the development of the region is inevitable as the ground-water for irrigation is exhausted in the next 30 to 40 years, if new sources of water for irrigation and/or new non-agricultural industries are not found.

#### OBJECTIVES

The overall objective of this study was to determine the inter-industry relationships for economic sectors in the economy of the Texas High Plains. More specifically, the objectives of the study were:

1. To assemble economic data from interviews and secondary data sources to determine the economic transactions in the Texas High Plains.
2. To determine the expenditures for inputs required by major classes of industries in the economy of the region.
3. To determine the economic interdependency between producing sectors in the economy of the area.

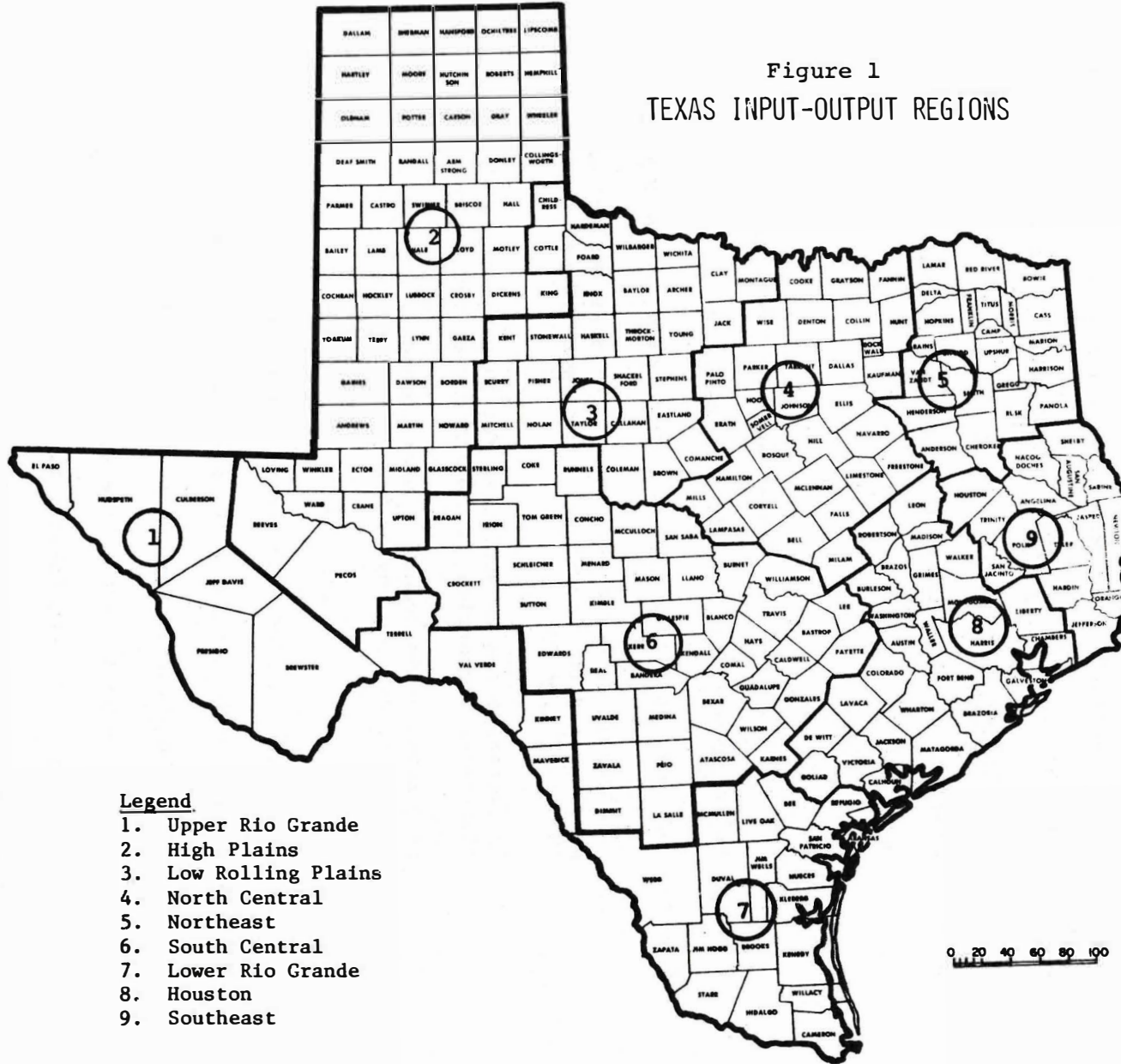
#### STUDY AREA

The study area which was called the Texas High Plains included 56 contiguous counties in northwest Texas (Figure 1). Regional boundaries extend from the Oklahoma state line on the north through Pecos County on the south. The New Mexico state line was the western boundary and Hall, Motley, King, Garza, Borden, Howard, Glasscock, and Upton counties were included in the eastern border counties.

#### Land Area

Total land area in the Texas High Plains has been reported in the

Figure 1  
TEXAS INPUT-OUTPUT REGIONS



1964 Census of Agriculture to be 38,261,120 acres (56). This is approximately 21.6 percent of the total land area in the state of Texas. There were 35,474,530 acres in farms in the study area which was 92.7 percent of the land area in the region (Table 1).

#### Topography and Weather

Elevation of the area ranges from 2,500 feet in the southern counties to 4,000 feet in the northern counties (15). The growing season ranges from 178 days in Dallam County in the north to 226 days in Reeves County (58). The area is nearly level with interspersed "breaks". Soil types range from coarse textured soils in the southern counties to fine textured soils in the northern counties.

Average annual rainfall is less than 21 inches. The average amount of annual rainfall that is received in the southern counties decreases to as low as eight inches (15).

#### Population

The study area includes 59,783 square miles with a population of 960,479 (56). The study area included 8.2 percent of the state population in 1970 and 21.6 percent of the land area in the state (see Table 2). The population in the region declined by 3.4 percent from 1960 to 1970.

There are four Standard Metropolitan Statistical Areas (SMSA) located in the region (Figure 2). The SMSA's are Amarillo (Potter and Randall Counties), Lubbock (Lubbock County), Midland (Midland County), and Odessa (Ector County). Although the population for the region declined from 1960 to 1970, the total population for the SMSA's increased (Table 3). Over 50 percent of the region's population was included in the SMSA areas in 1970.

Table 1. Land area (High Plains), Texas 1964

County	Total	Cropland
-acres-		
Andrews	531,858	21,833
Armstrong	514,167	130,501
Bailey	467,515	330,224
Borden	488,980	50,266
Briscoe	400,549	150,800
Carson	441,557	267,848
Castro	602,300	422,003
Cochran	378,690	231,473
Collingsworth	527,099	214,646
Crane	367,705	151
Crosby	544,450	320,895
Dallam	831,215	284,099
Dawson	686,561	499,105
Deaf Smith	821,843	449,571
Dickens	546,484	154,551
Denley	509,460	100,428
Ector	518,258	2,474
Floyd	633,824	433,770
Gaines	543,292	324,646
Garza	473,286	99,647
Glascocock	552,885	38,714
Gray	616,876	169,617
Hale	659,960	578,184
Hall	587,393	210,859
Hansford	740,147	378,775
Hartley	654,204	177,317
Hemphill	637,023	76,633
Hockley	586,427	445,696
Howard	543,602	200,201
Hutchinson	654,291	97,448
King	565,264	28,158
Lamb	736,773	494,275
Lipscomb	569,994	179,781
Loving	297,996	672
Lubbock	660,648	564,642



Table 1. (cont.)

County	Total	Cropland
	-acres-	
Lynn	574,644	469,896
Martin	400,956	219,332
Midland	1,106,405	60,328
Moore	475,963	232,715
Motley	533,257	104,144
Ochiltree	540,481	340,776
Oldham	629,469	100,923
Parmer	528,335	425,376
Pecos	2,896,614	105,161
Potter	831,186	83,423
Randall	564,950	295,256
Reeves	1,769,791	184,748
Roberts	464,118	44,752
Sherman	558,930	305,657
Swisher	612,083	423,136
Terry	512,650	448,198
Upton	610,362	1,755
Ward	635,667	6,103
Wheeler	518,347	144,431
Winkler	382,290	562
Yoakum	435,456	211,406
Total	35,474,530	12,337,981

Source: (57)

Table 2. Population for each county and the study area (High Plains), Texas, 1960 and 1970

County	Total Population		Changes in population from 1960 to 1970	
	1960	1970	Number	Percent
Andrews	13,450	10,372	- 3,078	-22.9
Armstrong	1,966	1,895	- 71	- 3.6
Bailey	9,090	8,487	- 603	- 6.6
Borden	1,076	888	- 188	-17.5
Briscoe	3,577	2,794	- 783	-21.9
Carson	7,781	6,358	- 1,423	-18.3
Castro	8,923	10,394	1,471	16.5
Cochran	6,417	5,326	- 1,091	-17.0
Collingsworth	6,276	4,755	- 1,521	-24.2
Crane	4,699	4,172	- 527	-11.2
Crosby	10,347	9,085	- 1,262	-12.2
Dallam	6,302	6,012	- 290	- 4.6
Dawson	19,185	16,604	- 2,581	-13.5
Deaf Smith	13,187	18,999	5,812	44.1
Dickens	4,963	3,737	- 1,226	-24.7
Donley	4,449	3,641	- 808	-18.2
Ector	90,995	91,805	810	0.9
Floyd	12,369	11,044	- 1,325	-10.7
Gaines	12,267	11,593	- 674	- 5.5
Garza	6,611	5,289	- 1,322	-20.0
Glascocock	1,118	1,155	37	3.3
Gray	31,535	26,949	- 4,586	-14.5
Hale	36,798	34,137	- 2,661	- 7.2
Hall	7,322	6,015	- 1,307	-17.9
Hansford	6,208	6,351	143	2.3
Hartley	2,171	2,782	611	28.1
Hemphill	3,185	3,084	- 101	- 3.2
Hockley	22,340	20,396	- 1,944	- 8.7
Howard	40,139	37,796	- 2,343	- 5.8
Hutchison	34,419	24,443	- 9,976	-29.0
King	640	464	- 176	-27.5
Lamb	21,896	17,770	- 4,126	-18.8
Lipscomb	3,406	3,486	80	2.3
Loving	226	164	- 62	-27.4
Lubbock	156,271	179,295	23,024	14.7

Table 2. (cont.)

County	Total Population		Changes in population from 1960 to 1970	
	1960	1970	Number	Percent
Lynn	10,914	9,107	- 1,807	-16.6
Martin	5,068	4,774	- 294	- 5.8
Midland	67,717	65,433	- 2,284	- 3.4
Moore	14,773	14,060	- 713	- 4.8
Motley	2,870	2,178	- 692	-24.1
Ochiltree	9,380	9,704	324	3.5
Oldham	1,928	2,258	330	17.1
Parmer	9,583	10,509	926	9.7
Pecos	11,957	13,748	1,791	15.0
Potter	115,580	90,511	-25,069	-21.7
Randall	33,913	53,885	19,972	58.9
Reeves	17,644	16,526	- 1,118	- 6.3
Roberts	1,075	967	- 108	-10.0
Sherman	2,605	3,657	1,052	40.4
Swisher	10,607	10,373	- 234	- 2.2
Terry	16,286	14,118	- 2,168	-13.3
Upton	6,239	4,697	- 1,542	-24.7
Ward	14,917	13,019	- 1,898	-12.7
Wheeler	7,947	6,434	- 1,513	-19.0
Winkler	13,652	9,640	- 4,012	-29.4
Yoakum	8,032	7,344	- 688	- 8.6
Total	994,291	960,479	-33,812	- 3.4

Source: (56)



Table 3. Population for Standard Metropolitan Statistical Areas  
(High Plains), Texas, 1960 and 1970

Standard metropolitan statistical area	Total population		Changes in population from 1960 to 1970	
	1960	1970	Number	Percent
Amarillo	149,493	144,396	- 5,097	- 3.4
Lubbock	156,271	179,295	23,024	14.7
Midland	67,717	65,433	- 2,284	- 3.4
Odessa	90,995	91,805	810	0.9
Total	464,476	480,929	16,453	

Source: (56)

#### Employment

There were 261,222 people employed in 1950 (56). The number employed in the region had increased by 37.3 percent in 1960 (Table 4).

Table 4. Employment by major industries (High Plains), Texas, 1950  
and 1960

Industry	Employment		Change from 1950 to 1960	
	1950	1960	Number	Percent
Agriculture	51,623	50,305	- 1,318	- 2.6
Mining	22,230	28,591	6,361	28.6
Construction	24,715	29,051	4,336	17.5
Manufacturing	19,393	31,332	11,939	61.6
Transportation, commu- nications, and utilities	20,526	26,389	5,863	28.6
Finance, insurance and real estate	6,594	12,534	5,940	90.1
Trades	56,498	80,253	23,755	42.0
Services	53,083	92,792	39,709	74.8
Other	6,560	7,391	831	12.7
Total	261,222	358,638	97,416	37.3

Source: (56)

The employment by specific types of industries for 1967 has been estimated in the study which will be presented in a later section of this report.

Of the nine classifications of employment in Table 4, only Agriculture had a decline in number of employment from 1950 to 1960. The decline in employment in Agriculture resulted primarily from substitution of capital for labor. The employment in Services increased by 74.8 percent from 1950 to 1960. Although Finance, Insurance and Real Estate increased by 90.1 percent from 1950 to 1960, it had the lowest number of employment.

The distribution of employment among the classifications changed from 1950 to 1960 (Table 5). A smaller percent of the labor force was

Table 5. Distribution of employment by major industries (High Plains), Texas, 1950 and 1960

Industry	Distribution (percent)	
	1950	1960
Agriculture	19.8	14.0
Mining	8.5	8.0
Construction	9.5	8.1
Manufacturing	7.4	8.7
Transportation, communications and utilities	7.8	7.4
Finance, insurance, and real estate	2.5	3.5
Trades	21.7	22.4
Services	20.3	25.8
Other	2.5	2.1
Total	100.0	100.0

employed in Agriculture, Mining, Construction, Transportation, Communications, and Utilities, and the Other classification in 1960 than in 1950. There was a definite shift of the labor force from Agriculture to Services from 1950 to 1960.

#### Agriculture

Agricultural production is predominant throughout the study area. The total value of all agricultural products sold in 1967 was \$1,115 million (8). Of the total sales, 67 percent resulted from the sale of crops. Cotton and grain sorghum were predominant in the southern sections of the area. Farther north, cotton is less important and is not grown in the extreme northern sections. In these sections, the two predominant crops were wheat and grain sorghum. In Dallam County in the northwest corner of the study area, the growing season was only 178 days, while in Reeves County in the southernmost section of the study area the growing season was 226 days in length (58). A major portion of the cropland in the study area was irrigated. Irrigation was especially important in the case of cotton of which 60 percent of the total acres of cotton planted in 1967 was irrigated (8).

Livestock represented 33 percent of the value of agricultural sales of the study area in 1967 (8). Livestock ranches were located throughout the area. In recent years a new trend in livestock production has developed with the advent of cattle feeding operations within the study area. In 1969, the number of cattle marketed from feedlots was 1,792,000 (52).

The average size of farm in the area increased from 3,537 acres in 1959 to 3,604 acres in 1964 (Table 6). Total value of farm products that were sold increased by 19.0 percent from 1959 to 1964 for the average

Table 6. Characteristics of farms (High Plains), Texas, 1959 and 1964

Characteristic	Units	Year	
		1959	1964
Farms	Number	26,773	23,613
Average size of farm	Acres	3,537	3,604
Cropland per farm	Acres	455	522
Cropland harvested per farm	Acres	340	301
Irrigated land per farm	Acres	152	191
Irrigated cropland harvested per farm	Acres	146	181
Value of farm products per farm	Dollars	26,328	31,328
Value of crops sold per farm	Dollars	19,755	22,609
Value of livestock sold per farm	Dollars	6,573	8,712

Source: (57)

farm. The quantity and quality of agricultural resources have provided an incentive for farms to be large in the region. Farms in the intensive irrigated areas average 860 acres in size in 1964 which is midway between the northern and southern boundaries of study area (57). Farms in the southern and northern areas of the region are generally larger in size.

#### HISTORICAL PERSPECTIVE

Possibly the earliest attempt to develop input-output or interindustry analysis was made by Quesnay in the mid-18th century (41, p. 31). Quesnay constructed his "Tableau Economique" (Economic Table) attempting to trace the flow of wealth through a community in order to determine the economic health of that community (17, pp. 93-94). Modern interindustry analysis has been used for many of the same purposes that Quesnay



envisioned. Quesnay developed his table as a tool for the government (17, p. 94). Likewise, major efforts have been made by government agencies to use modern interindustry analysis. The effects of proposed governmental actions on the economy have been estimated. Using this information the agencies selected the alternative which best attained their goals (16, p. 11). One use of interindustry analysis which Quesnay had not foreseen was adaptation to the private sector. Businessmen have used this type of analysis to evaluate sales prospects and the effect on their firms of proposed government economic programs (16, p. 11). Although Quesnay developed the basic theory, modern interindustry analysis has changed vastly from his "Tableau Economique."

Interindustry analysis in its modern form was developed by Wassily W. Leontief in 1931 (33, p. 8). The earlier studies described interindustry analysis as an attempt to develop a "Tableau Economique" of the United States for 1919 and 1929 (35, p. 9). In these studies, government publications were used as the primary source of information. The first studies had ten industrial sectors, one final demand sector, and one payments sector. In 1939, Leontief completed a national interindustry study including 96 sectors, (7, p. 97), which were later aggregated into 42 sectors. The 1947 national interindustry tables contained 500 sectors. The increase in the number of sectors in the 1947 study was explained by improvements in computer technology as well as improvements in the quantity and quality of basic information.

Many foreign countries have prepared national interindustry tables describing their economies (34, p. 149). Preceding 1963, interindustry tables for at least 40 countries had been prepared. Some of these countries, such as Israel and Egypt, have developed very detailed studies.

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International interest in interindustry analysis has been demonstrated by the fact that international conferences on interindustrial relations have been held periodically since 1951 (42, pp. 79-81). In 1961, the conference included participants from 41 different countries.

Several regional interindustry studies have been completed. Czmanski in a report to the Regional Science Association meetings in November, 1968, stated that one of the major limitations of regional interindustry studies was the high cost and large amount of effort involved (2, p. 1). For this reason, attempts have been made to apply national interindustry coefficients or coefficients from completed regional studies to other regional economies. This procedure has resulted in limitations in the use of the tables for analytical purposes (42, pp. 66-67). The major problem discovered was that an industry's production requirements varied among regions within the national economy. Also, it was found that highly specialized economies had production requirements with a higher degree of variation than more diversified regions (2, p. 14). These factors, as well as others, provided some difficult problems in the inference of flows and relationships for one region to another region.

An initial step toward developing regional coefficients from primary data was made by Moore and Peterson while making an interindustry analysis of the state of Utah (44, p. 371). Although the 26 sectors in this table were initially developed from national coefficients, they were adjusted for local industrial characteristics.

Hirsch determined regional coefficients for the St. Louis Metropolitan Area with primary data (26, pp. 360-369). Most of the larger firms in the area were interviewed in order to obtain the necessary information.

Studies completed by Hirsch and Moore and Peterson developed

methodologies which have been used extensively in recent studies (42, p. 69). An interindustry analysis of Clinton County, Pennsylvania by Gamble and Raphael in 1966, used 1963 as the base year which included 52 sectors (10, p. 43). Of the sectors, 48 were included as internal sectors in the regional economy. Households and government sectors composed 11 sectors that were internal flows of the region.

Another analysis based on 1963 was completed by Roesler, Lamphear, and Beveridge for the Nebraska economy (48, p. 17). This analysis was undertaken primarily to determine the effect of irrigation on the Nebraska economy. The Nebraska interindustry model contained 23 processing sectors. The payments section included four sectors, while final demand was divided into five sectors. Households were considered endogenous to the flows within the economy, while government was considered exogenous to the economy.

In 1968, Miernyk and Shellhammer completed an interindustry analysis for the economy of West Virginia (43, p. 121). This study included 55 sectors of which 48 were processing sectors. Households and government were considered exogenous to the regional economy.

An interindustry study was used to analyze the Kansas economy using 1965 as the base year (6, p. 51). Emerson sectored the Kansas economy into 69 processing sectors, eight final demand sectors, and six payments sectors. Households and government were considered external to the relationships within the economy.

#### INTERINDUSTRY CONCEPTS

An interindustry (Input-Output) model was used in this study to determine the economic interdependence among industries in the Texas High Plains. The economic interdependence among industries can be

estimated from the amount of inputs required from each producer to produce one dollar's worth of output of a product. Also, it can be determined from distribution of the output of producers among consumers of the product.<sup>2/</sup> The value of the inputs and the value of the products are expressed in dollars.

### Transactions

Transactions in a regional economy may be characterized in two manners. First, the transactions may be measured as the dollar value of inputs (purchases) that are required from each producer to produce the total output of an industry. The purchase of inputs by industry *i* from industry *j* to produce its output is also a sale by industry *j* to industry *i*. The transactions are classified as transactions by processors, final demand transactions, final payments transactions and final demand-payments transactions (Figure 3).

Transactions by processors are included in the upper left hand section of Figure 3. Industries that are classified as processors will produce goods and/or services to sell to other industries and/or final demand industries such as agriculture, manufacturing, services, trade and mining are included in this section.

Final demand transactions are included in the upper right hand section of Figure 3. Sectors such as households, government, capital formation, net changes in inventory, and exports are included. Final demand is a group of sectors that do not perform processing on products in the region.

Inputs may be purchased from non-processing sectors in the region

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<sup>2/</sup> The mathematical logic is presented in Appendix A.

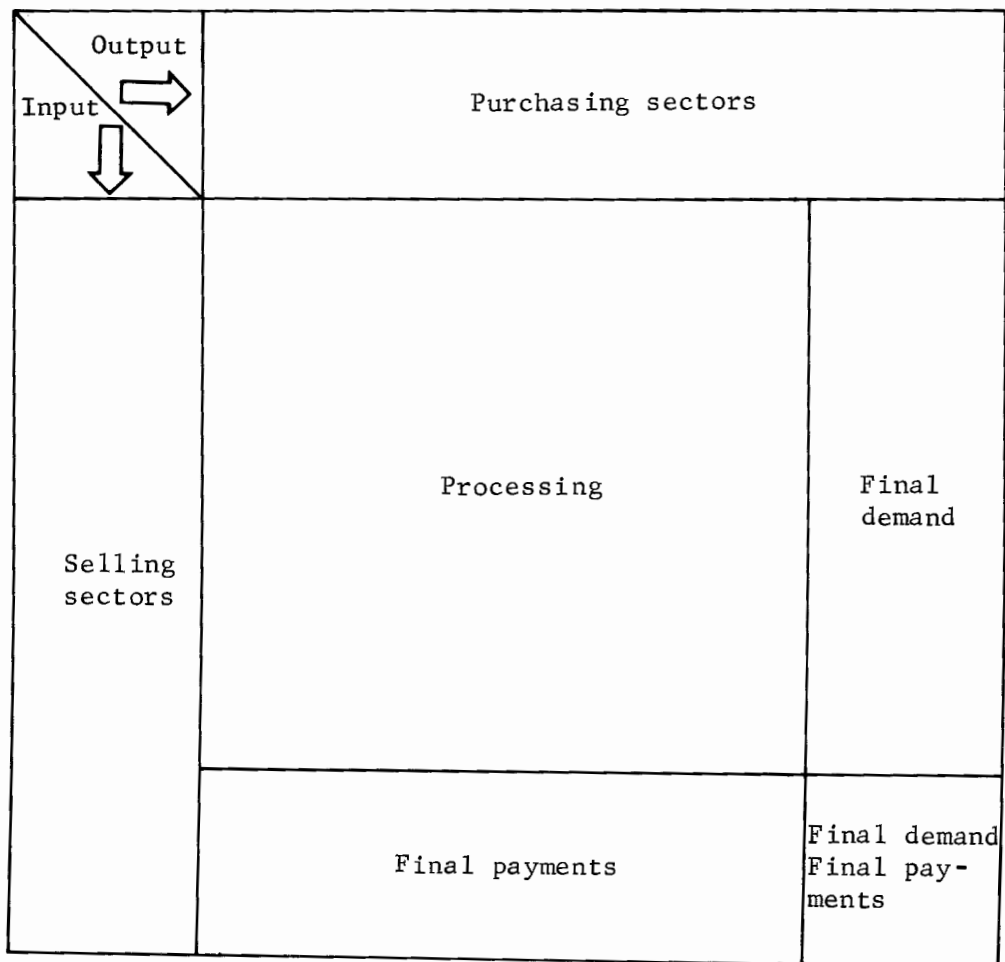


Figure 3. Major sections in an input-output model

such as government. In addition, the industry may purchase inputs from industries outside the region. These purchases of inputs are included in the final payments transactions which are included in the lower left hand section of Figure 3.

Final demand-payments transactions are included in the lower right hand section of Figure 3. The purchase of goods and/or services outside the region by households would be an example.

Hypothetical Example: The hypothetical example in Figure 4 has three processing sectors (Agriculture, Manufacturing, and Trade), one final demand sector, one final payments sector, four purchasing sectors (Agriculture, Manufacturing, Trade, and final demand), and four selling sectors (Agriculture, Manufacturing, Trade, and final payments). Purchases of inputs by sector  $j$  from other sectors including final payments sectors, can be determined for each sector by reading down the column for sector  $j$ . For Agriculture to produce \$85 thousand of output, it would purchase \$21 thousand of inputs from Agriculture, one thousand dollars of inputs from Manufacturing, \$30 thousand of inputs from Trade and made \$33 thousand of payments to final payments. The value of inputs by Manufacturing and Trade to produce their respective total outputs can be determined with the same procedure.

The distribution of sales of the output for section  $i$  to other sectors, including final demand, can be determined by reading across the row of the output for sector  $i$ . For instance, Agriculture sells \$21 thousand of output to Agriculture, none to Manufacturing, two thousand dollars of output to Trade, and \$62 thousand of output to final demand which results in sales of \$85 thousand of output. The distribution of sales of the respective outputs for Manufacturing and Trade can be

<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: right; margin-right: 10px;">Input ↓</div> <div style="text-align: left; margin-left: 10px;">Output →</div> </div>		Purchasing sectors				Total output	
		Processing			Final Demand		
		Agriculture	Manufacturing	Trade			
Selling sectors	Processing	Agriculture	21	0	2	62	85
		Manufacturing	1	5	20	15	41
		Trade	30	1	0	5	36
	Final Payments	33	35	14	0	82	
Total inputs		85	41	36	82	244	

Figure 4. Hypothetical transactions  
(thousand dollars)

determined with the same procedure.

The total output for sector  $i$  is equal to total inputs for sector  $i$ . For Agriculture, its total output was \$85 thousand which was the value of its inputs. In addition, the purchases of sector  $j$  from sector  $i$  are equal to the sales of sector  $j$  to sector  $i$ . The purchases of Agriculture from Trade were \$30 thousand and the sales of Trade to Agriculture were \$30 thousand.

#### Direct Requirements

The value of the input requirements by sector  $j$  to produce one dollar of output is called the direct requirements. The direct requirements are the interindustry requirements to produce one dollar's worth of output by sector  $j$ . Direct requirements by sector  $j$  have been referred to as a "production recipe" to produce a dollar of output by sector  $j$  (6, p. 22). That is, the direct requirements by sector  $j$  are the required purchases of inputs from each selling sector  $i$  to produce one dollar of output by sector  $j$ . The direct requirements for a processing sector  $j$  comprise a list of inputs that are required by sector  $j$  from other sectors to produce its product (Figure 5).

Hypothetical Example: Direct requirements are determined from the transactions (Figure 4). Each column of direct requirements is determined from the corresponding column of transactions. Each column entry of transactions is divided by the respective column total. The total for each column of direct requirements is equal to one. That is, a column of direct requirements includes all of the dollar value of inputs which are required to produce the output of a sector. Each entry in the column for sector  $j$  indicates the direct purchases from each sector  $i$  (down the column) to produce a dollar of output by sector  $j$ . In



		Processing sectors			
		Agriculture	Manufacturing	Trade	
Selling sectors	Processing	Agriculture	0.25	0	0.06
		Manufacturing	0.01	0.12	0.56
		Trade	0.35	0.02	0
	Final payments	0.39	0.86	0.38	
Total		1.00	1.00	1.00	

Diagram description: The table is a square with a diagonal line from the top-left to the bottom-right. The top-left triangle is labeled 'Output' with a right-pointing arrow. The bottom-right triangle is labeled 'Input' with a downward-pointing arrow. The top-right corner is labeled 'Processing sectors' and contains three columns: 'Agriculture', 'Manufacturing', and 'Trade'. The left side of the table is labeled 'Selling sectors' and contains three rows: 'Agriculture', 'Manufacturing', and 'Trade', plus a 'Final payments' row. The bottom row is labeled 'Total'. The cells contain numerical values representing direct requirements.

Figure 5. Hypothetical direct requirements

order to produce a dollar of output, Agriculture would purchase \$0.25 (\$21 thousand divided by \$85 thousand) of inputs from Agriculture, \$0.01 (one thousand dollars divided by \$85 thousand) of inputs from Manufacturing, \$0.35 (\$30 thousand divided by \$85 thousand) of inputs from Trade, and make payments of \$0.39 (\$33 thousand divided by \$85 thousand) to final payments sectors. To determine the direct requirements for Manufacturing and Trade, respectively, the same procedure can be used.

#### Interindustry Coefficients

The direct requirements cause a dependence of sectors to exist in the regional economy. That is, an increase in the output of sector  $j$  will cause a direct increase in purchases from sector  $i$  by sector  $j$ . To supply the additional inputs to sector  $j$ , sector  $i$  must expand its output. Therefore, sector  $i$  must purchase more inputs from other sectors. This effect will continue to affect many other sectors. The sum of the direct requirements and the resulting economic effects to other sectors from an increase in the output of sector  $j$  is called an interindustry effect (coefficient). When the direct requirements are subtracted from the interindustry effects, the result is called indirect effects. The direct requirements from transactions by processors are used from Figure 5 to estimate the interindustry effects and the indirect effects.

Hypothetical Example: The direct requirement by Agriculture to increase output by one thousand dollars would be \$250 (\$0.25 times \$1,000) of inputs from Agriculture, \$10 (\$0.01 times \$1,000) of inputs from Manufacturing, and \$350 (\$0.35 times \$1,000) of inputs from Trade (Figure 5). These sectors must purchase more inputs to provide the supplies for Agriculture. For instance, Trade would purchase \$21 (\$350 x 0.06) of inputs from Agriculture and \$196 (\$350 x 0.56) of inputs from

		Processing sectors		
		Agriculture	Manufacturing	Trade
Processing sectors	Agriculture	1.364	0.002	0.077
	Manufacturing	0.329	1.157	0.662
	Trade	0.489	0.028	1.043
	Total	2.182	1.187	1.782

Figure 6. Hypothetical interindustry coefficients

Agriculture and \$196 ( $\$350 \times 0.56$ ) of inputs from Manufacturing. To supply inputs to Trade, Manufacturing would purchase \$23.52 ( $\$196 \times 0.12$ ) of inputs from Manufacturing and \$3.92 ( $\$196 \times 0.02$ ) of inputs from Trade.

The effects which occur after the direct purchase (requirement) of inputs by Agriculture are called indirect effects. For instance a dollar increase in output to final demand by Agriculture would require \$0.364 ( $\$1.364$  from Figure 6 less \$1.00; \$1.00 is the increase in output to final demand) of total inputs from Agriculture of which \$0.114 ( $\$0.364$  less \$0.25 from Figure 5) of inputs are indirect effects, \$0.329 of inputs from Manufacturing of which \$0.319 ( $\$0.329$  from Figure 6 less \$0.01 from Figure 5) are indirect effects, and \$0.489 of inputs from Trade of which \$0.139 ( $\$0.489$  from Figure 6 less \$0.35 from Figure 5) are indirect effects (Figure 6). The final demand multiplier is 2.182. That is, with a dollar increase in output of Agriculture to final demand, \$1.182 of additional dollars are generated. The total indirect effect from an increase in output by a dollar to final demand by Agriculture is \$0.572 ( $\$2.182$  from Figure 6 less \$1.61 from Figure 5; \$1.61 is the direct requirements of processing sectors by Agriculture plus the one dollar increase in final demand).

The final demand multiplier estimates the total economic activity to deliver one dollar of output to final demand. That is, to deliver \$1,000 of output from Agriculture to final demand would require \$2,182 (2.182 times \$1,000) of economic activity. Actually, the output of Agriculture is \$1,364 (1.364 from Figure 6 times \$1,000) which includes \$364 of intrasectorial production by Agriculture to satisfy the final demand of \$1,000 of output from Agriculture.

Thus, to increase the output of Agriculture by \$1,364, the total requirement is \$2,182 for all processing sectors. Alternatively, to increase the output of Agriculture by \$1.364, all of the processing sectors were required to produce \$2.182 of output. To produce one dollar of output by Agriculture would require \$1.60 (\$2.182 divided by \$1.364) of output by all processing sectors. This number, \$1.60, is called an output multiplier. The output multiplier estimates the total requirements of all processing sectors per dollar of output by Agriculture. To produce \$1,000 of output for final demand by Agriculture would require \$1,364 of output by Agriculture with an associated economic activity of \$2,182 (\$1,364 times \$1.60). This is the same amount of economic activity that was estimated by the final demand multiplier.

#### TEXAS HIGH PLAINS INTERINDUSTRY MODEL

The Texas High Plains interindustry model was a "closed" model. A model is "closed" when a non-processing sector is included in the processing section of the transactions. The Households sector which is generally considered as a non-processing sector (final demand and final payments) was included in the processing section of the model.

There were 95 processing sectors (including Households) in the model which were defined in terms of four digit Standard Industrial Classification components (Appendix B Table 1). The sectors were included in 11 industrial classifications (Table 7). In addition, there were five final payments sectors and six final demand sectors.

Data were assembled for the model for 1967 or the year nearest 1967. Data were compiled from secondary sources and from primary sources with mail questionnaires and interviews. An establishment or firm basis for collection of data was used for all industries except some of the sectors

Table 7. Number of sectors per industry group (High Plains),  
Texas, 1967

Industry group	Number of sectors
Agriculture	13
Mining	3
Construction	5
Manufacturing	17
Transportation	8
Communication	3
Utilities	3
Wholesale Trade	8
Retail Trade	12
Finance-Insurance-Real Estate	3
Services	18
Ordnance	<u>1</u>
Total	94

in Agriculture and Construction. An establishment was classified in an industrial sector on the basis of its primary product. Agriculture and Construction will be discussed in a later section of this report.

Transactions for the sectors were collected on a producer's price FOB the shipper rather than the purchaser's prices. That is, the transactions of the trade sectors include the margins or mark-up on goods for resale. The trade sectors perform service activities of assembly, distribution, and delivery for products that were produced by the processing sectors. This process is a value added approach. Sales of output by trade sectors include mark-up on goods.

Total output of each sector was estimated for 1967. The value of total output was determined to show the value of inputs for production in 1967 for each sector. The source of estimates of total output will be discussed in a later section.

The information from the various sources were used to estimate direct requirements for the respective sector. It was the judgment of the authors that the purchase data was more reliable than the sales data in the surveys. The sales data was used to reconcile apparent discrepancies in the purchases data. The direct requirements for each sector were simple arithmetic averages from the surveys and secondary sources which were multiplied by the total output to obtain the respective transactions.

The Texas Employment Commission provided lists of establishments for most sectors. The lists of establishments were classified into industries, sectors, and stratified employment size groups for each sector. The employment groups were one to 19 employees, 20 to 249 employees, and 250 and over employees. There were 281 establishments included in a survey of the agriculture, manufacturing, mining, construction, communications, wholesale trade, retail trade, utilities, and services industries.

Agriculture: There were 13 sectors in the industry. Sectors one through 11 in the agriculture industry group were based on secondary data (8). The data were based on cost and returns budgets with production as well as prices for resources and products for 1967. Total output for each sector was determined from production in 1967 which was the value of agricultural commodities at the point of transfer of ownership by farmers adjusted for inventory changes.

Compresses were interviewed as a part of the regional study. The population for compresses was obtained from the Texas Employment Commission (19). However, the information for gins was determined in cooperation with another project that was being conducted concurrently with

this study. The total output for the sector was an estimate of gross value of billings for services of gins and compresses in the High Plains of Texas in 1967 (23).

The coefficients for the Agricultural Service Sector were estimated from a survey of agricultural service firms. The sampling was based on recommendations by county agents in the study area since a list of the firms was not available to determine a sample. The analysis was based on establishments. Total output was an estimate for the sector in 1967 (25).

Mining: Seven firms were interviewed. The population was determined from the Oil Directory of Texas and Texas Oil Directory: Texas and Southeastern New Mexico (60). The largest firms were selected initially from the population. The coefficients for each sector were determined from information from establishments. Total output for each sector was based on census data and Texas Railroad Commission information (61). For Crude Petroleum and Natural Gas, the total output was estimated at the well head. The total output for Oil and Gas Field Services was the gross value of billings for services.

Construction: There were 12 firms in the sample. The population of establishments was provided by the Texas Employment Commission (11). Total output for each sector was based on census data, F. W. Dodge reports, and other secondary sources which was the construction put in place in 1967 (11). The direct requirements for the Residential Construction Sector, Commercial, Educational, and Institutional Construction Sector and Industrial Construction Sector were based on surveys of establishments in the study area. Direct requirements for the Facility Construction Sector and Maintenance and Repair Construction Sector were



based on information for the state of Texas because reliable data were not obtained for these sectors in the Texas High Plains (13). Special trade contractors were included in the five construction sectors.

Manufacturing: Of the 282 establishments that were contacted in the manufacturing survey, 132 manufacturing establishments furnished the required data. The sample was selected from a list of establishments that was furnished by the Texas Employment Commission as well as the Directory of Manufacturers in Texas (19). Total output of each sector was estimated from the 1967 Census of Manufacturers which was based on sales of output FOB the shipper (25).

Transportation: The total output for each sector except the Air Sector was tabulated from annual reports to the Texas Railroad Commission by the transportation establishments licensed to do business in Texas which was expressed in terms of gross value of billings for services (27). Total output for the Air Sector was obtained from the Air Transportation Association.

The direct requirements for the Railroad Sector were total operating expenses for Texas railroad operations as reported in the annual statements of railroad companies to the Railroad Commission. Direct requirements for the Intercity Rural Highway Sector and for the Motor Freight Sector were based on annual statements sent to the Railroad Commission and from mail surveys. A mail survey of air carriers and air terminals for services rendered in Texas as well as the annual operating reports of cities with air terminal operations were used to estimate the input requirements for the Air Sector. Direct requirements for the Pipeline Sector, Other Warehousing Sector, and Other Transportation Sector were based on sample data.

Communications: Telephone companies which comprise 90 percent of the telephone operations in Texas were interviewed for the Telephone Sector (40). The total output for 1967 was based on records of the State Comptroller's Office as well as the interviews for services rendered in the High Plains including directory advertising.

Total output for the Radio and TV Sector and Other Communications Sector were estimated to reflect the services rendered in 1967 in the High Plains (27; 45). Of the 14 establishments that were requested to cooperate, five provided the required information. The sample was selected from a listing of establishments from the Texas Employment Commission.

Utilities: Representative firms for the Gas Service Sector and Electric Service Sector were selected (47). The total output for the Electric Service Sector was estimated from survey data and Statistical Year Book of the Electric Utility Industry for 1967 (47). Texas Railroad Commission data and individual gas utility annual reports to the Gas Utilities Division of the Texas Railroad Commission were used to estimate the total output for the Gas Service Sector.

The total output for the Water and Sanitary Service Sector was estimated from the 1967 Census of Governments (4). Direct requirements were based on a representative water and sanitary production unit which was adjusted to satisfy regional characteristics such as purchases of water from Water Authorities.

Wholesale Trade: A list of establishments was provided by the Texas Employment Commission (50;51). There were 27 establishments in the survey that provided the required information. The gross value of sales for each sector in the wholesale trade industry was estimated from the 1967

Census of Business (39). The sample establishment markups on merchandise purchased for resale were used to estimate the total output where markup was total sales less the value of the merchandise purchased for resale plus or minus the change in inventory and the difference was divided by total sales (Appendix B Table 2). The estimated total output for each sector was the gross value of sales as reported in the Census multiplied by the estimated markups of the respective sectors.

Retail Trade: The list of establishments was provided by the Texas Employment Commission (49;51). There were 34 establishments in the completed survey. The total output for each sector was adjusted by the same procedure used for the wholesale trade industry (37; Appendix B Table 2). The gross value of sales for retail sectors was determined from the 1967 Census of Business.

Finance, Insurance, and Real Estate: A mail questionnaire was sent to all establishments for this industry. The list of establishments was obtained from the Texas Employment Commission (20;21;36). The total output for the Banking and Credit Agencies Sector was determined from the mail questionnaires as well as information from the Texas Banking Commission, Federal Deposit Insurance Corporation's Bank Operating Statistics for 1967, Texas Savings and Loan Commission, Federal Land Bank, Bank of Cooperatives, Texas Consumer Credit Commission and others (3). The output as well as the direct requirements for the F.I.R.E. NEC Sector was based on the sample and number of firms in the sector. The direct requirements for the Insurance Carrier's Sector included expenditures for current operating expenses in the region which was based on the mail questionnaire as well as annual financial reports filed in the Texas Insurance Commission's Office. The total output for the Insurance Carrier's Sector

included the output of the region and investment income (28).

Services: A list of establishments was obtained from the Texas Employment Commission except for the Elementary and Secondary Schools Sector, Colleges and Universities Sector, and Other Services Sector (23;28;38). The total output and the direct requirements for the Elementary and Secondary Schools Sector and Colleges and Universities Sector were determined from data in the State Comptroller's Office as well as the Texas Education Agency. The total output and inputs for the Other Services Sector were based on national coefficients.

A sample of establishments for sectors 77 through 84, 86, 87, and 90 through 92 was selected. A sample was selected for the Legal Sector and Physicians and Dentists Sector. The total output for sectors 77 through 84 and 86 was based on the 1967 Census of Business (38). The total output for the All Other Educational Sector was based on a survey and the number of firms in the region. The total output for the balance of the sectors (76, 85, 87, 91, and 92) was estimated from the 1967 Statistics of Income (38). There were 48 establishments that provided the required data for the study in the Services Industry.

Households: This sector includes payments for sales of labor and other services to the processing sectors and final demand. It also includes payments for land and other capital in the form of rents, profits of unincorporated businesses, and interest. This row shows the personal income flows from the processing sectors to Households.

Final Payments Sectors: The Federal Government Sector shows payments of taxes and other payments from the various sectors in the Texas High Plains. The State Government Sector included payments for state government services except the operation of elementary and secondary

schools, colleges and universities, and public owned facilities such as electric service. Taxes and payments were included in the Local Government Sector for services excluding elementary and secondary schools, public owned facilities such as electric service, and water and sanitary services.

The Imports Sector includes purchases of goods and services from sectors located in other regions, other states, and/or other nations. The Depreciation Sector contains capital consumption allowances for plant and equipment for current production by each of the processing sectors.

Final Demand Sectors: The final demand section included six sectors (Net Change in Inventory, Federal Government, State Government, Local Government, Capital Formation, and Exports). The direct requirements as well as the total output for the Federal Government Sector were determined primarily from Federal Outlays in Texas (3). The direct requirements as well as the total output for the State Government Sector were determined primarily from the Fiscal Year 1967 and Fiscal Annual Report for the State of Texas as well as the state of Texas' Board of Control information (3). The direct requirements for the Local Governments were based primarily on city and county audit data for a sample of municipalities and counties in the region and the total output was based on the 1967 Census of Governments. The other sectors in final demand were based on surveys and mail questionnaires for the processing sectors which have been presented in previous sections of this report.

The Net Change in Inventory Sector was an estimate of changes in accumulated products by firms. If an estimated inventory increased for a sector, the increase was entered as a positive number. If the estimated

inventory decreased for a sector, the decrease was entered as a negative number.

The Federal Government Sector showed purchases from sectors in the Texas High Plains. Also, the transfer payments by the Federal Government Sector to the final payments sectors (State Government, and Local Government) have been shown as well as purchases from the Imports Sector. The State Government Sector included purchases of goods and services. Goods and services that were purchased by the Local Government Sector were included in this sector.

The Capital Formation Sector showed the sales of production by each processing sector to sectors which were purchased as a capital item. This purchase will be depreciated in future years. The Export Sector estimated the amount of output that was sold by each sector to out-of-region buyers, out-of-state buyers except Federal Government, and/or out-of-nation buyers.

#### RESULTS OF THE STUDY

The purpose of the following sections of this report is to discuss the findings in the interindustry study of the Texas High Plains. The sections will be based on Appendix D. General findings, interpretation of the transactions, direct requirements, and interindustry coefficients, the economic impact from expansion of a sector, and the interindustry effects of irrigated agriculture are discussed.

##### General Findings

Estimated employment, total output, final payments, final demand, imports, exports, and the balance of trade for the industry groups are included in this section. Additional information and detail are included in Appendix D.

Employment: The results of the study indicate that an estimated

335,282 people were employed by the industrial groups in 1967 (Table 8).

Table 8. Estimated employment by industrial groups (High Plains), Texas, 1967<sup>a/</sup>

Industry	Number	Percent of total employment
Agriculture	77,778	23.3
Mining	28,841	8.6
Construction	17,471	5.2
Manufacturing	29,644	8.8
Transportation	10,086	3.0
Communications	5,648	1.7
Utilities	6,835	2.0
Wholesale Trade	41,921	12.5
Retail Trade	51,253	15.3
Finance, Insurance, and Real Estate	9,406	2.8
Services	56,399	16.8
Total	335,282	100.0

<sup>a/</sup> Source: Appendix C Table 1

This number does not include employment by the Ordnance Sector.

Over 23 percent of the employment was estimated to be employed in the agriculture industry. The growth in sectors and industries since 1967 may change the distribution of employment. For example, the employment of labor in the Feedlot Livestock Sector has experienced a significant increase since 1967.

Of the 11 industrial groups, agriculture, wholesale trade, retail trade, and services included an estimated 67.9 percent (227 thousand) of

the employment. Communications had the lowest amount of employment with 5,648.

Total Output: Estimated total output for the Texas High Plains in 1967 was \$7.8 billion for the processing sectors excluding the Households Sector (Table 9). The mining industry produced an estimated \$2.2 billion

Table 9. Estimated total output for industrial groups (High Plains), Texas, 1967<sup>a/</sup>

Industry	Total output (million dollars)	Percent of total output
Agriculture	1,207.7	15.4
Mining	2,161.2	27.7
Construction	439.9	5.6
Manufacturing	1,307.5	16.7
Transportation	270.1	3.4
Communications	83.5	1.1
Utilities	459.0	5.9
Wholesale Trade	488.6	6.2
Retail Trade	509.1	6.5
Finance, Insurance, and Real Estate	241.3	3.1
Services	630.5	8.1
Other <sup>b/</sup>	26.0	0.3
Total	7,824.4	100.0

<sup>a/</sup> Source: Appendix D Table 1.

<sup>b/</sup> This group includes the Ordnance Sector.

(27.7 percent) of the output. Nearly 60 percent of the output was produced



by three industrial groups (agriculture, mining, and manufacturing).

The gross output for all sectors was estimated to be \$16.3 billion. The Households Sector had a total outlay of \$3.5 billion and there were exports (sales to buyers located outside the study area) of \$3.7 billion. Total exports were greater than the total output for any of the industrial groups.

Final Payments: Payments by processing sectors except the Households Sector to non-processing sectors were estimated to be \$2.5 billion (Table 10).

Table 10. Estimated final payments for industrial groups (High Plains), Texas, 1967<sup>a/</sup>

Industry	Final payments (million dollars)	Percent of total final payments	Percent of total output <sup>b/</sup>
Agriculture	352.6	14.1	29.2
Mining	974.6	39.1	45.1
Construction	173.4	6.9	39.4
Manufacturing	402.1	16.1	30.8
Transportation	98.9	4.0	36.7
Communications	50.2	2.0	60.1
Utilities	73.2	2.9	15.9
Wholesale Trade	102.5	4.1	21.0
Retail Trade	77.4	3.1	15.2
Finance, Insurance and Real Estate	41.3	1.6	17.1
Services	141.8	5.7	22.5
Other <sup>c/</sup>	11.3	0.4	43.5
Total <sup>d/</sup>	2,499.3	100.0	-

<sup>a/</sup> Source: Appendix D Table 1

<sup>b/</sup> Final payments of each industry divided by its total output.

<sup>c/</sup> This group includes the Ordnance Sector.

<sup>d/</sup> Total of final payments for all sectors was \$4,964.4 million.

Nearly 40 percent of the final payments was paid by the mining industrial group. Agriculture, mining, and manufacturing accounted for an estimated 69.3 percent of the final payments.

Nearly 50 percent of the final payments by mining was paid to the Federal Government Sector, the State Government Sector, and the Local Government Sector. The Ordnance Sector, communications industrial group and the mining industrial group paid over 40 percent of their total output to non-processing sectors excluding the Households Sector.

Final Demand: Excluding sales to the Households Sector, the sales by the processing sectors to final demand were estimated to be \$4.2 billion in 1967 (Table 11). One-third of the sales to final demand was made by the mining industrial group. With 22 percent of final demand, the agriculture industrial group was second behind mining in the magnitude of sales. The agriculture, mining, and manufacturing industrial groups accounted for an estimated 74.9 percent of total sales to final demand.

Agriculture sold an estimated 77.2 percent of its output to final demand. The total output of the Ordnance Sector was assumed to be purchased by the Federal Government Sector. Several of the other industrial groups had a high percentage of their total output that was sold to the final demand sectors.

Imports: There were \$1.0 billion of imports by the industrial groups (Table 12). Imports by all sectors were \$2.6 billion. Of the imports by the industrial groups, manufacturing accounted for 27 percent of the amount with agriculture importing 24.2 percent of the amount. Agriculture, construction, and manufacturing imported 66.0 percent of the imports for the industrial groups.

Several of the industrial groups imported a high percentage of their

Table 11. Estimated final demand for industrial groups (High Plains), Texas, 1967<sup>a/</sup>

Industry	Final demand (million dollars)	Percent of total final demand	Percent of total output <sup>b/</sup>
Agriculture	932.1	22.2	77.2
Mining	1,383.1	33.0	64.0
Construction	323.2	7.7	73.5
Manufacturing	825.3	19.7	63.1
Transportation	164.4	3.9	60.9
Communications	2.6	0.1	3.1
Utilities	218.5	5.2	47.6
Wholesale Trade	102.0	2.4	20.9
Retail Trade	24.6	0.6	4.8
Finance, Insurance, and Real Estate	39.0	0.9	16.2
Services	156.6	3.7	24.8
Other <sup>c/</sup>	26.0	0.6	100.0
Total <sup>d/</sup>	4,197.4	100.0	-

<sup>a/</sup> Source: Appendix D Table 1.

<sup>b/</sup> Final demand of each industry divided by its total output.

<sup>c/</sup> This group includes the Ordnance Sector.

<sup>d/</sup> Total of final demand for all sectors was \$4,964.4 million.

Table 12. Estimated imports for industrial groups (High Plains),  
Texas, 1967 <sup>a/</sup>

Industry	Imports (million dollars)	Percent of total imports	Percent of total output <sup>b/</sup>
Agriculture	243.9	24.2	20.2
Mining	90.4	9.0	4.2
Construction	149.1	14.8	33.9
Manufacturing	271.5	27.0	20.8
Transportation	27.8	2.8	10.3
Communications	19.7	2.0	23.4
Utilities	12.6	1.2	2.7
Wholesale Trade	54.1	5.4	11.1
Retail Trade	35.3	3.5	6.9
Finance, Insurance, and Real Estate	18.8	1.9	7.8
Services	73.5	7.3	11.6
Other <sup>c/</sup>	9.5	0.9	36.5
Total <sup>d/</sup>	1,006.2	100.0	-

<sup>a/</sup> Source: Appendix D Table 1.

<sup>b/</sup> Imports of each industry were divided by its total output.

<sup>c/</sup> This group includes the Ordnance Sector.

<sup>d/</sup> Total of imports for all sectors was \$2,550.7 million.

resources for production from other regions. Construction imported nearly 34.0 percent of its total inputs to produce. The Ordnance Sector imported 36.5 percent of its production requirements. Agriculture and mining imported over one-fifth of their total input requirements to produce.

Exports: The industrial groups in the High Plains exported an estimated \$3.5 billion (44.9 percent of total output) in 1967 (Table 13).

Table 13. Estimated exports by industrial groups (High Plains), Texas, 1967<sup>a/</sup>

Industry	Exports (million dollars)	Percent of total exports	Percent of total output <sup>b/</sup>
Agriculture	762.4	21.6	63.1
Mining	1,384.1	39.1	64.0
Construction	34.7	1.0	7.9
Manufacturing	735.4	20.8	56.2
Transportation	155.6	4.4	57.6
Communications	0	0	0
Utilities	213.1	6.0	46.4
Wholesale Trade	98.6	2.8	20.2
Retail Trade	19.4	0.5	3.8
Finance, Insurance, and Real Estate	0	0	0
Services	132.7	3.8	21.0
Other <sup>c/</sup>	0	0	0
Total <sup>d/</sup>	3,536.0	100.0	-

<sup>a/</sup> Source: Appendix D Table 1.

<sup>b/</sup> Exports of each industry were divided by its total output.

<sup>c/</sup> This group includes the Ordnance Sector.

<sup>d/</sup> Total of exports for all sectors was \$3,679.4 million.

The largest exporting industrial group was mining with \$1.4 billion (39.1 percent of total exports). Agriculture was next to the highest exporter of resources with \$0.8 billion of exports. Agriculture, mining, and manufacturing accounted for 81.5 percent of the exports for the industrial groups.

A large portion of the output for several industrial groups was

exported from the High Plains. Agriculture and mining exported over 60 percent of their output and manufacturing and transportation exported over 55 percent of their total output.

Balance of Trade: The balance of trade for the industrial groups in the High Plains was favorable for the High Plains (Table 14). That is,

Table 14. Estimated balance of trade for industrial groups (High Plains), Texas, 1967

Industry	Exports less Imports (million dollars)	Percent of total balance
Agriculture	- 518.5	20.5
Mining	1,293.7	51.2
Construction	- 114.4	- 4.5
Manufacturing	463.9	18.3
Transportation	127.8	5.0
Communications	- 19.7	- 0.8
Utilities	200.5	7.9
Wholesale Trade	44.5	1.8
Retail Trade	- 15.9	- 0.6
Finance, Insurance, and Real Estate	- 18.8	- 0.7
Services	59.2	2.3
Other <sup>a/</sup>	- 9.5	- 0.4
Total	2,529.8	100.0

<sup>a/</sup> This group includes the Ordnance Sector.

there were \$2.5 billion more exports from the region than imports. The largest favorable balance of trade was obtained by mining with slightly more than 50 percent of the overall amount. Agriculture and manufacturing

were next in order of highest balances of trade of \$518 million and \$464 million, respectively.

Throughout the previous sections, the agriculture and mining industry groups have ranked high in the measures. Agriculture was included in the highest three in all measures. Mining was the highest except in two of the measures.

### Interpretation of Results

Numerous interpretations can be made from the results of the study. Some of the interpretations will be presented in this section for the transactions, direct requirements, and interindustry coefficients for the "closed" Input-Output Model for the High Plains. The Input-Output Model was closed with respect to the Households Sector.

Transactions: Total output values for the transactions of the processing sectors of the High Plains Regional study indicates the relative importance of the various sectors in terms of volume of dollar activity (Appendix D Table 1).<sup>3/</sup> Total output for the processing sectors ranged from \$600 thousand for the Other Transportation Services Section (column 46) to \$3,510,074 thousand for the Household Section (column 95). The second largest processing sector was the Crude Petroleum Sector (column 14), which had an estimated total output of \$1,690,486 thousand. Seven other sectors had a total output in excess of \$200,000.0 thousand.

The sales distribution of a specific processing sector can be analyzed by moving across the sector's row for its transactions. For example, the Crude Petroleum Sector (row 14) sold an estimated \$180,247.8 thousand of output to the Petroleum Products and Plastics Sector (column 31).

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<sup>3/</sup> Since the model is closed with the Households Sector, the Households Sector will be referred to as a processing sector.

Intraindustry (intrasectorial) transactions, a result of firms selling to other firms in the same sector, can occur. The Crude Petroleum Sector (row 14) sold an estimated \$383.7 thousand of output to other firms in the Crude Petroleum Sector (column 14).

Of the total output of all sectors in the model (\$16.3 billion), approximately 21.4 percent was sold to the Households Sector (column 95). The Crude Petroleum Sector (row 14) did not have sales to the Households Sector (column 95), however, the Gasoline Service Stations sold \$12,390.6 thousand of output to the Households Sector.

Some of the sales of output by processing sectors were capital goods. Capital goods replace and/or add to the productive capacity of a sector. The transactions in the processing section were for current production. Sales of capital goods to sectors in the region were aggregated without maintaining the purchasing sector's identity in the Capital Formation Sector. Current consumption of capital goods for current production was included in the Depreciation Sector (row 100). Sales of capital goods to firms outside the region were included in the Exports Sector. The Machinery Sector (row 35) had an estimated sales of \$19,381.0 thousand to the Capital Formation Sector.

The Net Change in Inventory was stock of unsold goods that were produced in 1967. A positive entry in the Net Change in Inventory Sector indicates an increase in the inventory during the fiscal year. That is, some of the output which was produced in the current period was not sold. The Milling and Feeds Sector (row 24) had an estimated increase in inventories of \$1,144.0 thousand in 1967. A negative number in the Net Change in Inventory Sector indicates that some production from previous production periods was sold during the current period. The Paper Products and Printing Sector (row 29) sold \$113.0 thousand of output from previous



periods. The net change in inventories for all sectors in 1967 was negative (-\$97,261.0 thousand).

A large portion of the output in the High Plains Region was sold to buyers outside the region (exports). The Crude Petroleum Sector (row 14) sold \$1,189,146.3 thousand (70.3 percent of total output) of its output to buyers outside the region. Sales to the Federal Government Sector, State Government Sector, and Local Government Sector are analogous sales to final demand sectors.

The purchase of inputs for a specific processing sector can be analyzed by moving down the sector's column for its transactions (Appendix D Table 1). For example, the Crude Petroleum Sector (column 14) purchased \$383.7 thousand of inputs from the Crude Petroleum Sector (row 14) which was an intrasectorial transaction. The purchase of \$1,112.3 of electrical services from the Electric Services Sector (row 51) by the Crude Petroleum Sector (column 14) is another example.

Purchases from the non-processing sectors in the final payments section can be determined by moving down the column. For the Crude Petroleum Sector (column 14), payments of \$357,171.0 thousand were made to the Federal Government Sector (row 96) for governmental services.

Firms in the region purchase some of their inputs from sellers outside the High Plains region. The dollar amount of imports by each of the sectors is included in the Imports Sector (row 99). The Crude Petroleum Sector (column 14) purchased \$40,572.9 thousand of inputs from sellers outside the High Plains region (row 99).

Consumption of capital goods (depreciation) was included in row 100 for each sector. The Depreciation Sector (row 100) includes \$419,764.6 thousand for the Crude Petroleum Sector (column 14) as an estimate of

current consumption of capital goods.

Direct Requirements: The direct requirements (Appendix D Table 2) were determined by dividing each purchase transaction for a given sector by its total output (Appendix D table 1). The direct requirements for a given sector provides estimates of the dollar value of inputs that are required to produce one dollar of output for the sector. For example, to produce one dollar of output, the Crude Petroleum Sector (column 14) purchased \$0.0960 (\$162,301.9 thousand in row 16 and column 14 of Appendix D Table 1 divided by \$1,690.486.0 thousand in the row of totals for column 14 of Appendix D Table 1) from the Oil and Gas Field Services and Other Mining Sector (row 16), \$0.0120 from the Machinery Sector (row 35), and \$0.0005 from the Automobile Dealers and Repairs Shops Sector (row 67).

The total of the direct requirements for a sector is \$1.00. That is, to produce one dollar of output, all of the payments for the resources used in production are equal to one dollar. For the Crude Petroleum Sector (column 14), input requirements from processing sectors and non-processing sectors were \$0.4986 and \$0.5014, respectively, to produce one dollar of output. The latter, \$0.5014, includes profits.

Interindustry Coefficients: The direct requirements provide estimates of the direct response of the processing sectors in the regional economy to the expansion of output by a given sector by one dollar. The processing sectors that respond to the direct requirements of the given sector will expand their output by purchasing inputs from other processing sectors. The direct requirements plus the resulting (indirect) effects on the other supplying sectors are called interindustry coefficients.

Estimates of the interdependence of processing sectors to an increase in sales of a given sector to final demand by one dollar were estimated

for the 95 processing sectors (Appendix D Table 4). The interdependence can be analyzed for a given sector by moving down the column for the sector. An increase in sales to final demand by the Crude Petroleum Sector (column 14) would require an estimated increase in output from the Electric Services Sector (row 51) by \$0.0169. The direct requirement by the Crude Petroleum Sector (column 14 in Appendix D Table 2) from the Electric Services Sector (row 51 in Appendix D Table 2) to increase output by \$1.00 was \$0.0006. The indirect effects on the Electric Services Sector to support an increase of one dollar in sales to final demand by the Crude Petroleum Sector would be \$0.0163 (\$0.0169 less \$0.0006). That is, the \$0.0163 of business activity was required from the Electric Services Sector to supply other processing sectors with electrical services that were responding to the direct requirements of the Crude Petroleum Sector to produce one dollar of output for final demand.

The total of the interindustry (direct and indirect) effects per one dollar change in sales of a sector to final demand was estimated for each of the 95 sectors (Appendix D Table 4). The number is called a final demand multiplier. The final demand multiplier for the Crude Petroleum Sector was \$2.0990. That is, if the sales by the Crude Petroleum Sector to final demand would increase by one dollar, then total economic activity would be \$2.0990.

To provide one dollar of output to final demand by a given sector may require an increase in output by more than one dollar since the sector may provide inputs to other sectors that respond to the sector's direct requirements. For example, to sell one dollar of output to final demand, the Crude Petroleum Sector produced \$1.0123 of output. That is, the Crude Petroleum Sector produced \$0.0123 of output in addition to the

\$1.00 of output for sales to final demand.

The output multiplier is estimated by dividing a sector's final demand multiplier by its intrasectorial interindustry coefficient. The output multiplier does not include the intrasectorial effects for a sector. For the Crude Petroleum Sector, the output multiplier is \$2.0735 (\$2.0990 divided by \$1.0123). That is, if the output by the Crude Petroleum was increased by one dollar, there would be \$2.0735 of output from the processing sectors.

#### Economic Impact from Expansion of the Feedlot Livestock Sector

The results of an interindustry study can be used to estimate the interindustry effects from the growth of a sector. The direct requirements and interindustry coefficients can be used to provide aggregate economic effects of the impacts to the regional economy.

The Feedlot Livestock Sector has experienced a significant rate of growth since 1967. The number of cattle that was estimated to be fed in the region in 1967 was 1,140,422 head (8). Using the Cattle on Feed Report by Statistical Reporting Service of the U. S. Department of Agriculture and Texas Livestock Statistics from the Texas Department of Agriculture, the number of fed cattle in the study area in 1971 was estimated to be 2.746 million head. The total output for the Feedlot Livestock Sector has increased from \$267,600.0 thousand in 1967 to an estimated \$644,348.9 thousand in 1971 which is an increase of 140.8 percent.

The economic impact of the expansion in this sector can be estimated with Appendix D Tables 2 and 4. The direct requirements from processing sectors by the Feedlot Livestock Sector were estimated to be \$0.3911 and \$0.6089 from the non-processing sectors to increase its output by one dollar for sales to final demand. The direct requirement from the Imports

Sector was 97.1 percent of the direct requirements from the non-processing sectors which includes the value of imported livestock to be fed. Also, 30.0 percent (\$0.5912) of the direct requirements from the processing sectors was required from the Irrigated Feed Grains Sector (\$0.1175).

The output multiplier is the appropriate multiplier to estimate the economic impact since the increase has affected total output. The amount of output available for sales to final demand will be less than the new level of total output of \$644,348.9 thousand.

The increase in total output for the Feedlot Livestock Sector was estimated to be \$376,748.9 thousand. The total impact of the increase can be estimated by multiplying the output multiplier of 2.0543 (2.0547 divided by 1.0002 from Appendix D Table 4) times the increase in total output of \$376,748.9 thousand which would result in \$773,955.3 thousand. The direct requirements from the processing sectors were estimated to be \$302,696.9 thousand ( $\$0.3911$  times \$773,955.3 thousand) and the indirect effects were \$471,261.4 thousand ( $\$773,955.3$  thousand less \$302,693.9 thousand).

Total requirements by the Feedlot Livestock Sector from the Irrigated Feed Grain Sector increased by \$51,350.9 thousand ( $\$0.1363$  times \$376,748.9 thousand), \$13,261.6 thousand ( $\$0.0352$  times \$376,748.9 thousand) from the Dryland Feed Grains Sector, and \$140,075.2 thousand ( $\$0.3718$  times \$376,748.9 thousand) to the Households Sector. Although the Feedlot Livestock Sector did not require direct intrasectorial purchases of inputs, there were indirect requirements of \$75.3 thousand ( $\$0.0002 \times \$376,748.9$  thousand) by sectors to provide inputs to the expanding Feedlot Livestock Sector. The economic impact on other sectors can be analyzed in the same manner.

### Interindustry Effects of Irrigated Agriculture

Irrigated agriculture has become an important segment of the economy in the Texas High Plains. Industries have located and expanded in the study area to satisfy the increased demand for resources for irrigated agriculture. In addition, industries that perform functions such as transportation, storage, and manufacturing have located and expanded on the basis of the increased agricultural production from irrigation.

Increases in crop production that can be associated with irrigation provides a series of benefits from spending in the region. The total benefits from irrigated agriculture have resulted in a higher total agricultural output for the area. Gross income has been used as the major indicator of economic benefits from irrigation in the region. The economic impact of irrigation has been separated into direct benefits, indirect benefits and stemming-from benefits.

Direct Benefits: The effects which are associated with the net increase in output from irrigation over dryland production are referred to as direct benefits in this study. Dryland production is practiced in the region (Table 15). Irrigation of the crops is a supplemental source of moisture for production. Net increase refers to the increase in output above that which could have been produced from dryland production. In terms of inputs, irrigated production can be thought of as a total list of resources, including profit, required by an irrigated sector. The list of resources includes seed, fertilizer, fuel and others. The direct benefit from irrigation would include increases in seed, fertilizer, fuel and other resources which were associated with the irrigated component of production.

An acre of irrigated crop production was composed of a dryland

Table 15. Planted acreages, total output, and government payments for crop sectors (High Plains), Texas, 1967

Sector	Acres <sup>a/</sup> (1,000)	Government payments <sup>b/</sup> (million dollars)	Total output
1. Irrigated Cotton	1,208	123.5	254.1
2. Irrigated Food Grains	1,950	27.9	73.6
3. Irrigated Feed Grains	2,148	33.1	234.6
4. Other Irrigated Crops	376	1.7	70.8
5. Dryland Cotton	447	28.3	58.1
6. Dryland Food Grains	1,471	7.1	19.2
7. Dryland Feed Grains	1,855	7.8	55.8
8. Other Dryland Crops	157	7.3	9.6
Total	9,612	236.7	775.8

<sup>a/</sup> Source: (25)

<sup>b/</sup> Source: (8)

component and an irrigated component. The dryland component was determined from comparable dryland production. The irrigated component (net increase in output) was produced with irrigation from groundwater and associated resources. The direct benefit for a specific irrigated crop sector was equal to the output of that sector less that which could have been produced by dryland methods (Tables 15 and 16). That is, the output of dryland production was removed from the total irrigated output to estimate the irrigated component or net increase.

For the Dryland Cotton Sector, there was an output of \$58.1 million on 447 thousand acres (Table 15). The average output per acre for the Dryland Sector was \$121.98 (\$58.1 million divided by 447 thousand acres).

Table 16. Direct benefits (net increases in output) from irrigated crop production (High Plains), Texas, 1967

Sector	Irrigated production	Dryland component	Direct benefits from irrigated production
	(million dollars)		
1. Irrigated Cotton	254.1	157.0	97.1
2. Irrigated Food Grains	73.6	25.4	48.2
3. Irrigated Feed Grains	234.6	64.6	170.0
4. Other Irrigated Crops	70.8	23.0	47.8
Total	633.1	270.0	363.1

The dryland component of the Irrigated Cotton Sector was estimated by multiplying the average output per acre by the Dryland Cotton Sector (\$121.98) by the acres in the Irrigated Cotton Sector (1,208 thousand). The dryland component in Table 16 was estimated to be \$157.0 million (\$121.98 times 1,208 thousand acres). The direct benefits from irrigation of cotton in Table 16 were estimated by subtracting the dryland component (\$157.0 million) from the total output of the Irrigated Cotton Sector (\$254.1 million) which was \$97.1 million (\$254.1 million less \$157.0 million). The same procedure was used for the Irrigated Food Grains Sector, the Irrigated Feed Grains Sector, and the Other Irrigated Crops Sector.

Indirect Benefits: The effects which are caused by the response of suppliers of inputs for irrigated production are referred to as indirect benefits in this study. Input suppliers increase the level of purchases of fuel, utilities, and other resources to satisfy the increased demand for resources to produce irrigated crops (first round or direct effects). In turn, the suppliers of fuel, utilities, and other resources to



agricultural input suppliers increase the volume of inputs to satisfy the increased requirements (second round effects). In addition to the first round effects and second round effects, there are continuing effects which could be termed third round effects, fourth round effects, etc. The result is an increase in the spending and respending activities in some or all of the processing sectors as well as the Households Sector.

The combination of resources that were required by the Irrigated Cotton Sector to produce one dollar of output are listed in column one of Appendix D Table 2. To increase output by one dollar for final demand by the Irrigated Cotton Sector, it would require about three cents of output from the Petroleum Products Sector, about six cents of output from the Chemicals Sector, and purchases of inputs from other sectors which can be determined by reading down the column. The supplying sectors must purchase additional inputs to provide the goods and services for the Irrigated Cotton Sector to produce its output. The Chemical Sector would purchase about \$0.0557 cents of output from the Electric Service Sector to supply one dollar of output or about \$0.0027 (\$0.0478 times \$0.0557) of output from the Electric Service Sector to provide the requirements for one dollar of output to final demand from the Irrigated Cotton Sector. The Electric Service Sector will purchase fuel and chemicals as well as other resources to provide the inputs for the Chemical Sector. Similar rounds can be followed to determine additional effects which began from the initial change in output by the Irrigated Cotton Sector.

Imports to produce some goods and services are significant in the regional economy. Agriculture required from 3.4 percent of total

purchases to be imported for the Other Irrigated Crops Sector to 59 percent of the purchases by the Feedlot Livestock Sector. Imports are leakages of funds from the regional economy. Leakages will reduce the number of rounds of spending and respending in the region since the number of sectors that are affected by the change in output by one sector will be reduced.

Final demand multipliers estimate the total effects from direct and indirect responses to produce an additional dollar of goods or services by a sector for final demand (Appendix D Table 4 and Table 17). Final

Table 17. Multipliers for crop production sectors (High Plains), Texas, 1967<sup>a/</sup>

Sector	Multiplier	
	Final demand	Output
1. Irrigated Cotton	2.951197	2.882549
2. Irrigated Food Grains	2.826160	2.791616
3. Irrigated Feed Grains	2.838408	2.809045
4. Other Irrigated Crops	2.822722	2.683471
5. Dryland Cotton	2.956174	2.935904
6. Dryland Food Grains	2.768140	2.637351
7. Dryland Feed Grains	2.787479	2.787078
8. Other Dryland Crops	2.925824	2.925379

<sup>a/</sup> Accumulated (total) effects divided by the total requirements of the indicated sector to produce a net of one dollar of output for final demand for the "closed" model. For the Irrigated Cotton Sector,  $2.882549 = 2.951197 \div 1.023815$  from Appendix D Table 4.

demand multipliers include intrasectoral output which was required by the sector to increase its output. That is, to deliver one dollar of output to final demand, a sector must increase its production somewhat more than one dollar to provide the intrasectoral needs to expand output. For example, to deliver one dollar of output from the Irrigated Cotton Sector to final demand would require about \$0.0238 (\$1.0238 less \$1.00; \$1.0238 is the intrasectoral interindustry coefficient for the Irrigated Cotton Sector; \$1.00 is the increase in output; Appendix D Table 4) of output from the Irrigated Cotton Sector for its production. This reflects intrasectoral use of the output of the Irrigated Cotton Sector, chiefly seed, to increase its output.

The final demand multiplier can be adjusted to obtain net output of one dollar for a sector which has been referred to as an output multiplier in this study. The output multiplier would be net of the requirements of a sector for use of its output to increase production. The output multiplier can be determined by dividing the final demand multiplier by the intrasectoral interindustry coefficient for an increase in output of one dollar to final demand. For an output multiplier for the Irrigated Cotton Sector, the final demand multiplier (2.951197) was divided by 1.023815 to result in 2.882549. To produce one dollar of output in the Irrigated Cotton Sector, a total of \$2.8825 of outputs from all processing sectors will be required. The output multiplier will be less than the final demand multiplier if a sector uses some of its output to expand production.

To estimate the indirect benefits from irrigation on crop production in the region, the total interindustry effects from output for each irrigated and dryland sector were estimated. Then, the direct benefits were

removed from the total interindustry effects to estimate the indirect effects for irrigated production and for the dryland component.

Finally, the indirect benefits from irrigation were estimated by removing the indirect effects for the dryland component from the indirect effects for total irrigated production for each sector.

Total output in Table 15 for each irrigated sector was multiplied by the output multipliers of the respective sectors in Table 17 to estimate the total effects from irrigated production (Table 18). Total

Table 18. Indirect benefits from irrigated crop production (High Plains), Texas, 1967<sup>a/</sup>

Sector	Total effects		Indirect effects		Indirect benefits from irrigated production
	Irrigated production	Dryland component	Irrigated production	Dryland component	
(million dollars)					
1. Irrigated Cotton	732.4	461.0	478.3	304.0	174.3
2. Irrigated Food Grains	205.5	67.1	131.9	41.7	90.2
3. Irrigated Feed Grains	659.0	180.1	424.4	115.5	308.9
4. Other Irrigated Crops	190.0	67.3	119.2	44.3	74.9
Total	1,786.9	775.5	1,153.8	505.5	648.3

<sup>a/</sup> The government payments in Table 15 were included.

effects for the dryland component for each sector were calculated in the same manner using output multipliers for the dryland sectors. For the Irrigated Cotton Sector, the total interindustry effect was \$732.4 million (2.882549 times \$254.1 million). The estimated total interindustry effect of the dryland component of the Irrigated Cotton Sector was \$461.0 million (2.935904 times \$157.0 million).

The direct effects in Table 16 were subtracted from the total inter-industry effects in Table 18 to determine the indirect effects of irrigated crop production for each irrigated sector. The indirect effects for the dryland component were estimated in the same manner. For the Irrigated Cotton Sector, the estimated indirect effects were \$478.3 million (\$732.4 million less \$254.1 million). The estimated indirect effects of the dryland component of the Irrigated Cotton Sector were \$304.0 million (\$461.0 million less \$157.0 million).

Indirect benefits from irrigated crop production were obtained by subtracting the indirect effects for the dryland component in Table 18 for each irrigated sector from the respective indirect effects from irrigated production in Table 18. The indirect benefits from the Irrigated Cotton Sector were \$174.3 million (\$478.3 million less \$304.0 million).

Stemming-from Benefits: Effects from processing of increased crop production which can be associated with irrigation have been termed stemming-from benefits. Processing firms in the study area have expanded in size of plant as well as located some new plants in the region to process the net increase in production from irrigation.

The estimates of the stemming-from benefits were based on sales to final demand. Since the model was closed to the Households Sector, the Households Sector is not included in final demand. Processing of the net increases in production of crops from irrigation did generate economic activity which was additional benefits from irrigation to the regional economy.

The procedure to estimate the stemming-from benefits involved five steps. First, major crop related sectors that process agriculture products for sales to final demand were selected. Second, the net increase

in crop production from irrigation which was purchased by the crop related sectors to support processing for sales to final demand was estimated. Third, the total sales to final demand that were supported by the net increase in crop production from irrigation were estimated for each crop related sector. Fourth, the total economic effects from the sales to final demand that were supported by the net increase in crop production from irrigation were estimated for each crop related sector. Fifth, since the crop related sectors purchased the net increase in crop production from the agriculture sectors, the interindustry effects for production of the crops, were included in the total interindustry effects of the crop producing sectors for the sales to crop related sectors and they were removed.

A brief summary of the previous procedures and the results will be included. Nine major crop related sectors were selected for analysis (Table 19). The list was not exhaustive but it did include the major processing sectors of agricultural commodities for final demand.

The procedure for determining total crop requirements for the crop related sectors to satisfy their final demand sales and the amount of direct benefits that are associated with the sales to final demand by the crop related sectors assumed perfect substitution between irrigated production and dryland production. That is, the Range Livestock Sector is indifferent to feed grains from irrigated production and feed grains from dryland production. This assumption does not appear to be unrealistic in most situations. The amount of the net increase in crop production from irrigation that was required to produce for final demand by the crop related sectors was assumed to be proportional to total crop requirements.

Table 19. Final demand and final demand multipliers for crop related sectors (High Plains), Texas, 1967

Sector	Total sales to final demand (thousand dollars)	Final demand multiplier
9. Range Livestock	71,191.8	2.740116
10. Feedlot Livestock	233,486.9	2.054724
11. Dairy, Poultry, Eggs	9,069.2	3.047078
22. Meat Products	93,749.5	2.340125
23. Dairies	3,932.6	2.252153
24. Milling and Feeds	11,772.4	3.274584
25. Food Processing	76,659.0	3.500148
27. Textile Products	17,325.2	3.340738
55. Wholesale Farm Products	25,499.4	2.099106

The stemming-from benefits are estimates of the amount of economic activity which the crop related sectors generated from the respective shares of the net increase in crop production from irrigation for sales to final demand (Table 20). The estimation procedure was an attempt to

Table 20. Estimated direct, indirect, and stemming-from benefits from net increase in crop production from irrigation (High Plains), Texas, 1967

Sector	Direct benefit	Indirect benefit	Stemming-from benefit	Total benefits
(million dollars)				
1. Irrigated Cotton	97.1	174.3	105.2	376.6
2. Irrigated Food Grains	48.2	90.2	1.4	139.8
3. Irrigated Feed Grains	170.0	308.9	324.8	803.7
4. Other Irrigated Crops	47.8	74.9	118.3	241.0
Total	363.1	648.3	549.7	1,561.1

measure the economic activity that was associated with the net increases in crop production to support production for sales to final demand.

The estimated direct benefits, indirect benefits, and stemming-from benefits are recorded in Table 20 for the net increase in production of crops from irrigation in the High Plains of Texas in 1967. The benefits are given for each irrigated sector. The indirect benefits and stemming-from benefits for all sectors were over three times as great as the direct benefits. The Irrigated Feed Grains Sector generated more benefits from irrigation than other sectors since the benefits from the production of the Feedlot Livestock Sector for final demand were included in its sector. The total economic activity in the High Plains in 1967 was estimated to be \$16,298.9 million. The benefits from the net increase in crop production from irrigation were estimated to be \$1,561.1 million which was 9.6 percent of the total economic activity in 1967.

The ratio between the net increase in crop production from irrigation for each crop and its corresponding benefit in Table 20 was calculated (Table 21). The dollar value of direct and indirect benefits per

Table 21. The direct and indirect benefit and the stemming-from benefit per dollar of net increase in crop production from irrigation (High Plains), Texas, 1967

Sector	Direct and indirect benefit	Stemming-from benefits	Total benefits
	(dollars)		
1. Irrigated Cotton	2.80	1.08	3.88
2. Irrigated Food Grains	2.87	0.03	2.90
3. Irrigated Feed Grains	2.82	1.91	4.73
4. Other Irrigated Crops	2.57	2.47	5.04
Average	2.79	1.51	4.30



dollar of net increase in production was highest for the Irrigated Food Grains Sector (\$2.87), however, the direct and indirect benefits were only \$90.2 million. The direct and indirect benefits for the Irrigated Feed Grains Sector were \$308.9 million which was \$2.82 per dollar of net increase in production from irrigation.

The stemming-from benefits for the Other Irrigated Crops Sector were \$2.47 per dollar of net increase in production from irrigation. Although the ratio for the Irrigated Feed Grains was only \$1.91, the total stemming-from benefits were \$206.5 million greater than those from the Other Irrigated Crops Sector.

#### SUMMARY

The economy of the High Plains of Texas has developed rapidly with the use of groundwater for irrigation of crops. However, the source of groundwater is limited and exhaustable since the supply of water is isolated from significant sources of recharge relative to the rate of pumping. The decline in the supply of water will affect non-agricultural sectors that have located in the region to service and produce for existing sectors. The extent and magnitude of the interdependency of the sectors was not known.

The decline in the supply of water will affect sectors in the region in the near future. Evidence of the projected decline was presented from studies by Grubb (22) and Hughes (31). However, the studies were concerned with declines in agricultural production and aggregate economic effects. Interindustry effects from the impact were not available.

An Input-Output Model was developed for the High Plains of Texas. The model was closed with the Households Sector. There were 95 processing sectors, five sectors in the final payments section, and six final

demand sectors in the model. Data for the model were collected from primary sources by interviews and mail surveys and from secondary sources.

The importance of the agriculture and mining industrial groups were compared with the amount of total output, employment, imports, exports, final payments, and final demand. These industrial groups had 43.1 percent of the total output for the industrial groups in 1967.

The importance of irrigation to the regional economy was estimated with direct benefits, indirect benefits, and stemming-from benefits. Also, the impact of the increase in the Feedlot Livestock Sector on the regional economy was estimated.

Direct benefits from the net increase in production from irrigation over dryland production was estimated to be \$363.1 million from the irrigation of crops in the region in 1967. The direct benefits from the net increase in crop production from irrigation ranged from \$47.8 million for the Other Irrigated Crops Sector to \$170.0 million for the Irrigated Feed Grains Sector.

Indirect benefits occurred from the economic effects of sectors to supply the direct requirements for the irrigated sectors which were associated with the net increase in crop production from irrigation. The indirect benefits for the net increase in crop production were estimated to be \$648.3 million. Nearly one-half of this amount was associated with the Feed Grains Sector.

Stemming-from benefits which were benefits to processors of the net increase in output from the irrigated sectors were estimated to be \$549.7 million. The amount of stemming-from benefits for the net increase in crop production from irrigation varied from \$1.4 million for the

Irrigated Food Grains Sector to \$324.8 million for the Irrigated Feed Grains Sector.

Total benefits from the net increase in crop production from irrigation were estimated to be \$1,561.1 million. The amount of benefits from the net increase in crop production ranged from \$139.8 million for the Irrigated Food Grains Sector to \$803.7 million for the Irrigated Feed Grains Sector.

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GLOSSARY

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## GLOSSARY

- Capital Formation was the purchase of a resource which would be depreciated in future years.
- Closed Model was an input-output model which included at least one non-processing sector in the processing section.
- Direct Benefits were the increase in output when irrigation and its associated inputs were applied to an acre of dryland crop production.
- Direct Effects were the purchase of resources by a sector from all sectors to produce one dollar of output.
- Direct Requirements were used in the same context as direct effects were used.
- Direct Requirements Matrix (Table) was a matrix (table) which included the direct requirements for each processing sector.
- Dryland Component was the value of production in an irrigated sector that could have been produced on a comparable unit of dryland.
- Exogenous Variable was a variable which was determined outside of the system.
- Final Demand Multiplier was the total of all interindustry effects for a sector that were associated with increase in output of one dollar by a processing sector for final demand.
- Final Demand Section was the section of the transactions which included the purchases by non-processors of goods and services.
- Final Payments Section was the section of the transactions which included the non-processing supply sectors such as government and imports.
- Households received payments for labor and capital. In addition, it purchased goods and services with profits, rents, salaries, wages, and interest.
- Indirect Benefits were benefits that were received by suppliers of resources to produce the direct benefits from irrigation.
- Indirect Effects were the effects that result from the action of suppliers of resources to produce the direct effects.
- Industry was the grouping of firms which were involved in the same general type of activity such as Agriculture, Manufacturing, Services and others.

Input Coefficients were used in the same context as direct effects were used.

Input-Output Model was a listing of the transactions by sectors in the model.

Interindustry Coefficient was the sum of the direct effects and the indirect effects from an increase of output by one dollar for a processing sector.

Interindustry Matrix (Table) was a matrix (table) which included the interindustry coefficients for all processing sectors.

Inverse Matrix was a matrix which when multiplied by the original matrix will result in the identity matrix.

Irrigated Component was the net increase in production from irrigation above that which could be produced on a comparable unit of dryland.

Leontief Matrix (Table) was the result when a direct requirements matrix was subtracted from the identity matrix.

Markup was the percentage increase in the purchase price of merchandise purchased for resale by the trade sectors using the sales price as the base.

Matrix was a rectangular array of numbers.

Model was a system of mathematical equations which expressed the economic relationships in the regional economy.

Open Model was an input-output model which did not include a non-processing sector in the processing section.

Output multiplier was the sum of the direct effect and indirect effect from an increase in output by one dollar for a processing sector.

Processing Section was the transactions which included purchases of resources and sales of output to processing sectors by a processing sector.

Processing Sector was a sector which produced a good or service to sell to another processing sector and/or to final demand.

Sector was a delineation of firms which produce a similar type of product. Several sectors comprised an industry.

Static was a term for a model which was based on observations in one time period.

Stemming-from Benefits were benefits that were received by processors of the output of the direct benefits.

Total Output was a measure of the total value of goods and services that were purchased or sold in a production period by a sector.

Transactions Matrix (Table) was a matrix (table) which summarizes the flow of funds for purchases and sales for all sectors in a regional economy.

APPENDIX A

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## Appendix A

## ALGEBRAIC CONCEPTS FOR AN INPUT-OUTPUT MODEL

The development of a Leontief input-output model requires four steps. The steps include a transactions table, a direct requirements table, a Leontief matrix, and an interindustry coefficients table. The transactions table results in an accounting of flow of dollars in the economy. The distribution of the output from sector  $i$  to sector  $j$  as well as the output to final demand can be stated mathematically (10, pp. 7-8):

$$X_i = \sum_{j=1}^m x_{ij} + Y_i \quad i = 1, 2, \dots, m \quad (1)$$

where  $m$  is the number of processing sectors in the table,

$X_i$  is the value of output of sector  $i$ ,

$x_{ij}$  is the distribution of output from sector  $i$  to sector  $j$ , and

$Y_i$  is the distribution of output from sector  $i$  to final demand.

The complete model will result in a system of simultaneous equations.

The previously defined variables have the following properties:

$$X_i \geq 0$$

$$x_{ij} \geq 0$$

$$Y_i \geq 0$$

The purchase of inputs by sector  $j$  from sector  $i$  as well as outlays to final payments sector can be stated as:

$$X_j = \sum_{i=1}^m x_{ij} + Z_j \quad j = 1, \dots, m \quad (2)$$

where  $m$  is the number of processing sectors in the table,

$X_j$  is the value of inputs by sector  $j$

$x_{ij}$  is the purchase of inputs by sector  $j$  from sector  $i$ , and

$Z_j$  is the outlays to final payments sector by sector  $j$ .

The previously defined variables have the following properties:

$$X_j \geq 0$$

$$x_{ij} \geq 0$$

$$Y_j \geq 0$$

Since the total output for a processing sector is equal to total input,

$X_i$  is equal to  $X_j$  when  $i$  equals  $j$ .

The transactions table can be stated in matrix algebra as:

$$\begin{bmatrix} X_1 \\ X_2 \\ \vdots \\ X_m \end{bmatrix} = \begin{bmatrix} x_{11} & x_{12} & \cdots & x_{1m} \\ x_{21} & x_{22} & \cdots & x_{2m} \\ \vdots & \vdots & & \vdots \\ x_{m1} & x_{m2} & \cdots & x_{mm} \end{bmatrix} + \begin{bmatrix} Y_1 \\ Y_2 \\ \vdots \\ Y_m \end{bmatrix} \quad (3)$$

A direct requirement coefficient shows the input requirements by a sector  $j$  from a sector  $i$  to produce a dollar of output. The coefficient is represented by  $a_{ij}$ . The direct requirement coefficient is the ratio of the element in a column in the transactions table to the sum of the column. It can be stated as:

$$a_{ij} = \frac{x_{ij}}{X_j} \quad (4)$$

such that

$$0 \leq a_{ij} \leq 1$$

$$0 \leq \sum_{i=1}^m a_{ij} \leq 1 \quad j = 1, 2, \dots, m$$



Alternatively, the relationship can be stated as

$$x_{ij} = a_{ij}X_j \quad (5)$$

That is, the amount of output of sector  $i$  that is purchased by sector  $j$  is equal to the amount purchased from sector  $i$  per dollar of output by sector  $j$  multiplied by the total input of sector  $j$ . The distribution of output from sector  $i$  to other sectors can be stated as:

$$X_i = \sum_{j=1}^m a_{ij}X_j + Y_i \quad i = 1, 2, \dots, m \quad (6)$$

Since  $X_i$  is equal to  $X_j$ , equation (6) can be written as:

$$X_i = \sum_{j=1}^m a_{ij}X_i + Y_i \quad i = 1, 2, \dots, m \quad (7)$$

The direct requirements table can be stated in matrix algebra as:

$$\begin{bmatrix} X_1 \\ X_2 \\ \vdots \\ X_m \end{bmatrix} = \begin{bmatrix} a_{11} & a_{12} & \dots & a_{1m} \\ a_{21} & a_{22} & \dots & a_{2m} \\ \vdots & \vdots & & \vdots \\ a_{1m} & a_{2m} & \dots & a_{mm} \end{bmatrix} \begin{bmatrix} X_1 \\ X_2 \\ \vdots \\ X_m \end{bmatrix} + \begin{bmatrix} Y_1 \\ Y_2 \\ \vdots \\ Y_m \end{bmatrix} \quad (8)$$

If  $X$  represents the column vector of output totals,  $A$  represents the direct requirements (input) coefficients, and  $Y$  represents the column vector of final demand, then:

$$X = AX + Y \quad (9)$$

The Leontief matrix is determined by subtracting the matrix of direct requirement coefficients from the identity matrix. The purpose of this calculation can be explained with the following. From equation (9), it can be shown that:

$$X - AX = Y \quad (10)$$

The result in equation (10) can be simplified to:

$$X(I - A) = Y \quad (11)$$

Alternatively, the Leontief matrix can be stated as:

$$I-A = \begin{bmatrix} 1 & 0 & \dots & 0 \\ 0 & 1 & & 0 \\ \vdots & \vdots & \ddots & \vdots \\ 0 & 0 & & 1 \end{bmatrix} - \begin{bmatrix} a_{11} & a_{12} & \dots & a_{1m} \\ a_{21} & a_{22} & \dots & a_{2m} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m1} & a_{m2} & & a_{mm} \end{bmatrix} \quad (12)$$

The Leontief matrix reduces to:

$$I-A = \begin{bmatrix} 1-a_{11} & -a_{12} & \dots & -a_{1m} \\ -a_{21} & 1-a_{22} & \dots & -a_{2m} \\ \vdots & \vdots & \ddots & \vdots \\ -a_{m1} & -a_{m2} & & 1-a_{mm} \end{bmatrix} \quad (13)$$

The interindustry coefficients are determined by finding the inverse of the Leontief matrix. The logic of the calculation can be expressed with the following. From equation (11), it can be shown that:

$$X = (I-A)^{-1} Y = CY \quad (14)$$

where C represents the inverse of the Leontief matrix.

The interindustry coefficients can be stated in matrix algebra as:

$$C = (I-A)^{-1} = \begin{bmatrix} c_{11} & c_{12} & \dots & c_{1m} \\ c_{21} & c_{22} & \dots & c_{2m} \\ \vdots & \vdots & \ddots & \vdots \\ c_{m1} & c_{m2} & & c_{mm} \end{bmatrix} \quad (15)$$

A coefficient in matrix C such as  $c_{ij}$  shows the direct and indirect effect of sector j on sector i as sector j increases output by one dollar. The total interindustry (multiplier) effect ( $M_j$ ) from a dollar increase in output of sector j in the economy is the sum of the interindustry coefficients in column j.

$$M_j = \sum_{i=1}^m c_{ij} \quad j = 1, 2, \dots, m \quad (16)$$

APPENDIX B

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Appendix B Table 1. Input-output model (High Plains), Texas 1967

Sector code number	Sector name	Standard industrial classification components
<u>Agriculture</u>		
1	Irrigated Cotton	Irrigated part of 0112
2	Irrigated Food Grains	Irrigated food grain part of 0113
3	Irrigated Feed Grains	Irrigated feed grain part of 0113
4	All Other Irrigated Crops	Parts of 0119, 0122, and 0123
5	Dryland Cotton	Dryland part of 0112
6	Dryland Food Grains	Dryland food grain part of 0113
7	Dryland Feed Grains	Dryland feed grain part of 0113
8	All Other Dryland Crops	Parts of 0119, 0122, and 0123
9	Range Livestock	Parts of 0135, 0136, and 0139
10	Feedlot Livestock	Parts of 0135, 0136, and 0139
11	Dairy and Poultry	0132 and 0134
12	Ginning and Compressing	0712
13	Agricultural Services	0713 through 0731
<u>Mining</u>		
14	Crude Petroleum	1311
15	Natural Gas	1321
16	Oil and Gas Field Services and Other Mining	1011 through 1099, 1381 through 1389, and 1411 through 1499
<u>Construction</u>		
17	Residential	Parts of 1511 and 1611 as well as associated special trade contractors
18	Commercial, Educational and Instructional	Parts of 1511 and 1611 as well as associated special trade contractors
19	Industrial	Parts of 1511 and 1611 as well as associated special trade contractors
20	Facility	Parts of 1511, 1611, and 1621 as well as associated special trade contractors
21	Maintenance and Repairs	Parts of all SIC in construction that are involved in this activity
<u>Manufacturing</u>		
22	Meat Products	2011 through 2013
23	Dairies	2021 through 2026
24	Milling and Feeds	2041 through 2046
25	Food Processing	2031 through 2037, 2051 through 2073, and 2091 through 2099
26	Beverages	2082 through 2087
27	Textile Products	2211 through 2399
28	Wood Products	2411 through 2599
29	Paper Products and Printing	2611 through 2794
30	Chemicals	2812 through 2899
31	Petroleum Products and Plastics	2911 through 3231

Appendix B Table 1. (cont.)

Sector code number	Sector name	Standard industrial classification components
<u>Manufacturing (cont.)</u>		
32	Soil and Rock Products	3251 through 3299
33	Metal Products	3312 through 3429, 3441 through 3449, 3471 through 3493, and 3499
34	Plumbing and Related Products	3431 through 3433, 3451 through 3461, and 3494 through 3498
35	Machinery	3511 through 3599
36	Electronic Equipment	3611 through 3699
37	Transportation Equipment	3711 through 3799
38	Other Manufacturing	3811 through 3999
<u>Transportation</u>		
39	Railroad	4011 through 4041
40	Intercity Rural Highway	4131 and 4132
41	Motor Freight	4213 and 4231
42	Other Warehousing	4222 through 4226
43	Air	4511 through 4583
44	Pipeline	4612 through 4619
45	Local and Suburban	4111 through 4121
46	Other Transportation Services	4141 through 4172, 4712, 4713, and 4742 through 4789
<u>Communications</u>		
47	Telephone	4811 and 4821
48	Radio and TV	4832 and 4833
49	Other Communications	4899
<u>Utilities</u>		
50	Gas Services	4922 through 4925, and part of 4931 through 4939
51	Electric Services	4911 and part of 4931
52	Water and Sanitary Service	4941 through 4953
<u>Wholesale Trade</u>		
53	Auto Parts and Services	5012 through 5013
54	Groceries	5041 through 5049
55	Farm Products	4221, 5052, 5053, and 5059
56	Livestock	4731 and 5054
57	Non-Farm Machinery, Equipment and Supplies	5081, 5082, and 5084 through 5089
58	Farm Machinery, Equipment and Supplies	5083
59	Petroleum and Petroleum Products	5092
60	General Wholesale	5022, 5028, 5029, 5033 through 5039, 5063 through 5077, and 5093 through 5099

Appendix B Table 1. (cont.)

Sector code number	Sector name	Standard industrial classification components
<u>Retail Trade</u>		
61	Lumber Yards	5211
62	Farm Equipment	5252
63	Agricultural Supplies	5962 and 5969
64	Hardware, Heating, Electrical, Paint and Wallpaper	5221 through 5251
65	Department and Variety	5311, 5331, and 5399
66	Food	5411 through 5499
67	Automobile Dealers and Repair Shops	5511 through 5531, and 7531 through 7539
68	Gasoline Service Stations	5541
69	Apparel and Accessory	5611 through 5699
70	Furniture, Home Furnishings, and Equipment	5712 through 5733
71	Eating and Drinking Places	5812 and 5813
72	Other Retail	5591 through 5599 and 5912 through 5999
<u>Financial</u>		
<u>Fire, Insurance, and Real Estate (F.I.R.E.)</u>		
73	Banking and Credit Agencies	6011 through 6161
74	Insurance Carriers	6312 through 6399
75	F.I.R.E., NEC	6211 through 6281 and 6411 through 6799
<u>Services</u>		
76	Legal	8111
77	Lodging	7011 through 7041
78	Personal	7211 through 7299
79	Advertising	7311 through 7319
80	Research and Development	7391 and 8921
81	Other Business Services	7221, 7331 through 7351, 7361, 7392 through 7399, 7813 through 7815, and 7821
82	Motion Picture, Amusement, and Recreation	7816 through 7833, and 7911 through 7949
83	Automobile Rental and Parking	7512 through 7525
84	Miscellaneous Repair	7622 through 7699
85	Physicians and Dentists	8011 through 8041
86	Hospital and Laboratory	8061 through 8072
87	Other Medical	8092 and 8099
88	Elementary and Secondary Schools	8211
89	Colleges and Universities	8221 and 8222
90	All Other Educational	8231 through 8299
91	Accounting, Auditing and Bookkeeping	8931

Appendix B Table 1. (cont.)

Sector code number	Sector name	Standard industrial classification component
<u>Services (cont.)</u>		
92	Other Professional	8911 and 8999
93	Other Services	8411 through 8811
<u>Other</u>		
94	Ordinance	1911 through 1999
<u>Final Payment</u>		
95	Households <sup>a/</sup>	
96	Federal Government	
97	State Government	
98	Local Government	
99	Imports	
100	Depreciation	
<u>Final Demand</u>		
101	Households <sup>a/</sup>	
102	Net Change in Inventory	
103	Federal Government	
104	State Government	
105	Local Government	
106	Exports	
107	Capital Formation	

<sup>a/</sup> Although the High Plains model was closed when the Households Sector was included in the processing section, it is generally included in the final payments section.

Appendix B Table 2. Markup on merchandise purchased for resale  
by trade sectors (High Plains), Texas, 1967

Sector code number	Sector name	Markup (percent)
<u>Wholesale Trade</u>		
53	Auto Parts and Services	30.4
54	Groceries	42.9
55	Farm Products	11.8
56	Livestock	2.3
57	Non-Farm Machinery, Equipment and Supplies	31.5
58	Farm Machinery, Equipment and Supplies	23.5
59	Petroleum and Petroleum Products	32.6
60	General	21.1
<u>Retail Trade</u>		
61	Lumber Yards	16.5
62	Farm Equipment	17.4
63	Agricultural Supplies	21.8
64	Hardware, Heating, Electrical, Paint and Wallpaper	33.1
65	Department and Variety	52.8
66	Food	17.9
67	Automobile Dealers and Repair Shops	19.1
68	Gasoline Service Stations	23.5
69	Apparel and Accessory	36.6
70	Furniture, Home Furnishings, and Equipment	36.5
71	Eating and Drinking Places	49.0
72	Other	34.3



APPENDIX C

Appendix C Table 1. Control totals, manpower coefficients, and estimated employment by sectors (High Plains), Texas, 1967

Regional sector	Control total (million dollars)	Manpower <sup>a</sup> / coefficient (÷ 10,000)	Estimated employment
	<u>Agriculture</u>		
1	254	.624 <sup>b/</sup>	15,856
2	74	1.256 <sup>b/</sup>	9,244
3	235	.670 <sup>b/</sup>	15,671
4	71	.576 <sup>b/</sup>	4,071
5	58	.352 <sup>b/</sup>	2,045
6	19	.844 <sup>b/</sup>	1,620
7	56	.900 <sup>b/</sup>	4,464
8	10	.988 <sup>b/</sup>	948
9	90	1.095 <sup>b/</sup>	9,866
10	268	.070 <sup>b/</sup>	1,873
11	20	1.370 <sup>b/</sup>	2,789
12	23	1.247	3,868
13	30	1.821	5,463
	<u>Mining</u>		
14	1,690	.083 <sup>c/</sup>	14,099
15	216	.036 <sup>c/</sup>	783
16	254	.549 <sup>c/</sup>	13,959
	<u>Construction</u>		
17	78	.322 <sup>d/</sup>	2,513
18	59	.320 <sup>d/</sup>	1,881
19	6	.438 <sup>d/</sup>	242
20	180	.441 <sup>d/</sup>	7,938
21	118	.415 <sup>d/</sup>	4,897
	<u>Manufacturing</u>		
22	106	.101	1,075
23	27	.229	611
24	35	.201	708
25	93	.520	4,834
26	21	.451	948
27	25	.414	1,020
28	9	.670	623
29	30	.682	2,086
30	337	.122	4,109
31	450	.105	4,734
32	30	.405	1,218
33	48	.406	1,942
34	1	.680	99
35	67	.612	4,121
36	18	.319	589
37	6	1.416	826
38	1	.728	101

Appendix C Table 1. (cont.)

Regional sector	Control total (million dollars)	Manpower <sup>a/</sup> coefficient (÷ 10,000)	Estimated employment
	<u>Transportation</u>		
39	27	.670 <sup>e/</sup>	1,797
40	5	.668 <sup>e/</sup>	319
41	66	.722 <sup>e/</sup>	4,784
42	3	4.650 <sup>e/</sup>	1,242
43	10	.371 <sup>e/</sup>	374
44	157	.084 <sup>e/</sup>	1,322
45	2	1.017 <sup>e/</sup>	197
46	1	.850 <sup>e/</sup>	51
	<u>Communications</u>		
47	66	.540 <sup>e/</sup>	3,547
48	17	1.220 <sup>f/</sup>	2,061
49	1	.445 <sup>f/</sup>	40
	<u>Utilities</u>		
50	303	.082 <sup>g/</sup>	2,495
51	132	.206 <sup>g/</sup>	2,715
52	24	.679 <sup>e/</sup>	1,625
	<u>Wholesale Trade</u>		
53	30	.467	1,411
54	134	.917	12,249
55	43	.239	1,028
56	3	.294	93
57	69	1.546	10,674
58	19	.935	1,781
59	90	.521	4,685
60	100	.995	10,000
	<u>Retail Trade</u>		
61	8	2.551	1,966
62	16	.879	1,379
63	18	.706	1,299
64	6	.740	440
65	100	.898	8,977
66	60	1.062	6,318
67	75	.827	6,234
68	35	1.004	3,560
69	30	1.019	3,091
70	25	.690	1,718
71	44	1.626	7,187
72	92	.991	9,084
	<u>Fire, Insurance, and Real Estate</u>		
73	158	.369 <sup>e/</sup>	5,849
74	49	.378	1,842
75	34	.501	1,715

Appendix C Table 1. (cont.)

Regional sector	Control total (million dollars)	Manpower <sup>a/</sup> coefficient (÷ 10,000)	Estimated employment
		<u>Services</u>	
76	21	.442	923
77	26	.922	2,400
78	54	1.445	7,808
79	7	.291	215
80	4	.669	292
81	82	1.044	8,580
82	14	1.777	2,458
83	11	.119	127
84	26	.814	2,123
85	37	.618	2,301
86	27	1.285	3,461
87	4	2.298	847
88	179	.770 <sup>e/</sup>	13,793
89	48	.774 <sup>e/</sup>	3,577
90	2	1.486	365
91	22	.583	1,257
92	6	.712	415
93	60	.908	5,457

<sup>a/</sup> This is man years per dollar of output.

<sup>b/</sup> Source: (9;17)

<sup>c/</sup> Source: (55)

<sup>d/</sup> Source: (12)

<sup>e/</sup> Source: (28)

<sup>f/</sup> Source: (43)

<sup>g/</sup> Source: (5)

APPENDIX D

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TABLE I. TRANSACTIONS TABLE : HIGH PLAINS ,TEXAS, 1967 (THOUSAND DOLLARS)

	1	2	3	4	5	6	7	8
1 IRR COTTON	1392.000	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	899.300	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	2338.300	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	3268.800	0	0	821.100	0
5 DRY COTTON	0	0	0	0	195.500	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	907.100	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	15199.500	0	0	0	3270.100	0	0	0
13 AG SERVICES	9229.900	1140.000	7120.100	551.500	2210.000	1040.000	2200.000	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	1389.900	570.000	1489.900	576.000	210.000	140.000	280.000	22.000
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0	0	0	0	0	0	0	0
30 CHEMICALS	14162.000	6216.900	17383.900	3472.100	1016.600	656.900	0	0
31 PETRO PRODUCT	7925.400	3136.500	10824.700	1660.000	1484.100	1422.900	3052.400	107.900
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	0	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	0	0	0	0	0
42 OTHER WARH	0	0	0	0	0	0	0	0
43 AIR TRANS	0	0	0	0	0	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRNS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	400.000	170.000	430.000	165.000	70.000	40.000	80.000	6.000
48 RADIO&TV	0	0	0	0	0	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	2659.900	2200.000	3880.000	3220.000	0	0	0	0
51 ELECT SERVICE	1410.000	1010.000	2070.100	1195.000	60.000	40.000	80.000	6.000
52 WATER&SAN SER	0	0	0	0	0	0	0	0
53 WHL AUTO PART	0	0	0	0	0	0	0	0
54 WHL &GROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	380.000	1150.000	224.000	0	90.000	260.000	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0	0	0	0

58 WHL FARM MACH	1499.400	0	0	0	343.100	0	0	0
59 WHL PETRO PRD	0	0	0	0	0	0	0	0
60 GENERAL WHL	0	0	0	0	0	0	0	0
61 LUMBER YARDS	0	9.900	0	0	0	1.700	0	1.700
62 RET FARM EQUI	2107.300	892.600	2900.600	325.400	360.200	309.700	739.500	21.100
63 AG SUPPLIES	4336.000	1983.800	5498.100	1879.200	337.900	436.000	228.900	0
64 HARDWARE	496.500	205.200	529.500	204.300	76.100	50.500	99.300	148.600
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	2169.500	852.600	2368.500	830.300	354.900	257.700	494.200	35.300
68 GAS SERV STAT	2434.500	963.500	3325.200	510.000	455.900	437.100	937.700	33.100
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0	0	0	0	0	0	0
72 OTHER RETAIL	0	0	0	0	0	0	0	0
73 BANK&CREDIT	3339.900	1840.000	4070.100	4225.000	430.000	400.000	610.000	107.000
74 INSURANCE	2340.000	4712.700	2510.700	965.900	365.600	243.800	463.100	37.400
75 F.I.R.E.,NEC	0	0	0	0	0	0	0	0
76 LEGAL SERVICE	0	0	0	0	0	0	0	0
77 LODG&NG	0	0	0	0	0	0	0	0
78 PERSONAL SERV	0	0	0	0	0	0	0	0
79 ADVERTISING	0	0	0	0	0	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	100.100	40.000	99.900	41.000	20.000	10.000	20.000	1.000
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0	0	0	0	0
84 MISC REP SERV	1380.000	1100.000	2160.000	3110.000	20.000	10.000	20.000	41.000
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	1949.100	820.200	2086.300	807.600	305.800	202.900	391.500	31.100
89 COLLEGE&UNIV	19.000	7.600	19.000	7.800	3.800	1.900	3.800	0.200
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0	0	0	0	0	0	0	0
92 OTHER PRO SER	0	0	0	0	0	0	0	0
93 OTHER SERVICE	0	0	0	0	0	0	0	0
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	142756.700	26996.800	118043.700	26694.100	40513.500	7956.600	34963.200	8253.700
96 FEDERAL GOVT	1180.000	580.000	1770.100	1163.000	190.000	220.000	500.000	72.000
97 STATE GOVT	51.900	20.700	51.800	21.300	10.400	5.200	10.400	0.500
98 LOCAL GOVT	4800.000	2021.500	5142.900	1989.300	750.000	500.000	964.300	77.100
99 IMPORTS	17671.400	6070.200	16906.700	2413.400	3326.500	1830.000	4330.600	439.300
100 DEPRECIATION	11700.000	8760.000	20429.900	11280.000	1720.000	1990.000	4250.000	158.000
TOTAL INPUTS	254099.900	73600.000	234600.000	70800.000	58100.000	19200.000	55800.000	9600.000

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	9	10	11	12	13	14	15	16
1 IRR COTTON	0	0	0	6646.900	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	31443.300	456.000	0	0	0	0	0
4 OTHER IRR CROP	410.000	3157.700	873.700	0	0	0	0	0
5 DRY COTTON	0	0	0	1361.400	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	7673.400	170.200	0	0	0	0	0
8 OTHER DRY CROP	0	661.500	650.000	0	0	0	0	0
9 RANGE LVSTK	5760.200	4435.500	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	2330.000	0	0	0	0	0
12 GINGCOMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	1573.000	1970.100	806.000	775.300	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	383.700	65824.600	0
15 NATURAL GAS	0	0	0	0	0	0	0	504.000
16 OIL&GAS SERV	0	0	0	0	0	162301.900	3423.700	45744.400
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	632.000	89.900	314.000	404.500	0	120.000	11167.500	0
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	797.700	12451.200	3773.800	0	0	0	0	0
25 FOOD PROCFSS	5521.300	4851.100	284.000	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0	32.900	0	38.900	51.700	0	0	202.200
30 CHEMICALS	0	0	52.400	0	0	5326.700	477.900	0
31 PETRO PRODUCT	1879.600	209.000	242.500	93.100	793.300	3536.500	3078.800	10812.000
32 SOIL&ROCK PRO	0	0	0	0	0	311.000	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	484.300	20297.700	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	795.800	0
38 OTHER MFG	0	0	0	0	0	0	0	9.900
39 RAIL TRANS	0	0	0	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	17.300	45.100	0	0	14.800
42 OTHER WARH	353.600	0	346.400	76.200	0	0	0	0
43 AIR TRANS	0	0	0	4.200	0	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0.200	0	0	0	20.100
47 TELEPHONE	181.000	160.000	69.000	64.100	144.700	1345.600	588.100	382.900
48 RADIO&TV	0	0	0	15.100	51.700	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0	229.900	11.000	108.400	11.900	138.600	99.300	10.700
51 ELECT SERVICE	181.000	420.100	67.000	376.200	59.500	1112.300	216.400	134.300
52 WATER&SAN SER	0	0	0	39.800	7.800	0	1331.700	3.600
53 WHL AUTO PART	0	0	0	0	0	0	0	0
54 WHL GROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	902.400	8706.100	1240.200	0	1082.300	0	0	0
56 WHL LIVESTOCK	538.400	2553.700	0	0	0	0	0	0
57 WHL GNDUST MA	0	0	0	0	178.500	236.700	299.000	9715.800



58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	0	0	24.500	368.200	0	0	243.700
60 GENERAL WHL	0	0	0	76.800	6.400	816.900	5.000	2241.500
61 LUMBER YARDS	1129.100	0	185.000	0.600	0	0	0	0
62 RET FARM EQUI	206.900	52.200	16.300	0	70.800	0	0	0
63 AG SUPPLIES	0	0	17.200	0	0	0	0	0
64 HARDWARE	225.100	0	74.500	0	0	0	0	5.600
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	1230.600	61.800	465.900	196.200	6.100	826.600	0	1675.200
68 GAS SERV STAT	577.400	54.100	74.500	13.000	10.600	1087.000	0	2103.400
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0	0	18.600	0	0	0	777.400
72 OTHER RETAIL	0	34.300	276.100	0	5.700	0	0	11.200
73 BANK&CREDIT	3054.000	7930.100	361.000	202.400	72.300	0	0	598.600
74 INSURANCE	2920.200	373.800	451.800	183.100	56.900	0	0	815.900
75 F.I.R.E.,NEC	0	0	0	207.500	0	312.700	274.100	8606.900
76 LEGAL SERVICE	0	0	0	47.600	10.400	71.000	0	219.000
77 LODG&NG	0	0	0	3.800	98.500	760.700	0	686.900
78 PERSONAL SERV	0	0	0	0	0.600	0	0	0
79 ADVERTISING	0	0	0	0	0	0	0	31.800
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	45.000	140.000	0	43.900	2051.700	0	0	199.400
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	6.400	0	453.100	0	0
84 MISC REP SERV	54.000	30.000	90.000	399.700	0	0	0	3173.900
85 PHYS&DENTIST	0	0	0	0.200	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	27.500	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	1590.800	77.400	340.700	0	17.500	15872.800	377.800	594.100
89 COLLEGE&UNIV	8.500	9.500	3.200	0	9.500	8618.900	240.900	362.300
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0	0	0	24.400	45.200	0	0	145.500
92 OTHER PRO SER	0	0	0	0	3.000	867.200	15.400	14.000
93 OTHER SERVICE	0	0	0	48.500	5.300	175.800	0	156.500
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	35363.300	16856.900	705.000	8422.800	4382.400	617806.700	69642.700	95717.000
96 FEDERAL GOVT	509.000	410.000	169.000	995.100	713.800	357171.000	34176.200	6080.200
97 STATE GOVT	23.300	26.000	8.800	0	25.800	23507.700	656.900	988.300
98 LOCAL GOVT	3944.300	157.100	839.300	0	7.400	6689.500	22.400	98.100
99 IMPORTS	8773.300	158211.800	4029.000	616.100	19329.800	40572.900	669.000	49162.000
100 DEPRECIATION	11715.000	4129.900	566.400	1733.300	322.200	419764.600	22950.500	12136.900
TOTAL INPUTS	90100.000	267600.300	20359.900	23286.100	30530.900	1690485.800	216361.200	254400.000

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	17	18	19	20	21	22	23	24
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	149.900
3 IRR FEED GRAIN	0	0	0	0	0	0	0	12026.400
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0.200	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	39.900
8 OTHER DRY CROP	0	0	0	0	0	0	0	4679.200
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	4876.000	0	0
11 DAIRY&POULTRY	0	0	0	0	0	34111.300	0	1.900
12 GIN&COMPRESS	0	0	0	0	39.600	2245.800	6373.500	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0.500	0	0	0
16 OIL&GAS SERV	76.700	20.700	1.200	1.300	0	0	0	0
17 RESIDENT CONS	0	0	0	1014.700	133.400	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	376.700	17.800	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0	0	0	25.000	151.500	0	0	0
22 MEAT PRODUCTS	0	0	5.800	48.700	88.200	295.500	74.400	133.600
23 DAIRIES	0	0	0	2.900	0	6254.000	0	0
24 MILLING&FEEDS	0	0	0	0.200	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	3233.200	0	1730.800
26 BEVERAGES	3.800	0	0	0.900	0	0	0	78.100
27 TEXTILE PROD	0	1.100	0	7.700	8.800	0	0	0
28 WOOD PRODUCTS	0	0	0.100	34.900	42.700	0	0	24.000
29 PAPER-PRINT	8.000	609.300	0	209.400	7598.300	0	0	0
30 CHEMICALS	41.800	30.500	16.600	36.200	116.900	5.000	12.300	36.000
31 PETRO PRODUCT	0	0	0	163.500	2448.000	0	18.500	0
32 SOIL&ROCK PRO	614.300	316.200	32.600	5279.400	2422.200	1.600	280.400	252.600
33 METAL PRODUCT	3157.200	1642.200	131.400	11692.000	2258.200	0	0	0
34 PLUMBEREL PRO	1993.800	1581.900	29.700	12497.200	8664.600	0	0	0
35 MACHINERY	0	0	14.400	953.000	319.400	0	0	0
36 ELECTRONIC EQ	547.900	259.400	133.900	2648.800	664.800	0	0	0
37 TRANS EQUIP	0	0	0	8212.300	864.400	0	0	0
38 OTHER MFG	26.300	7.100	0.400	145.500	162.200	0	0	0
39 RAIL TRANS	0	0	0	41.400	10.100	0	0	0
40 INTERCI RU HI	0	0	0	8.300	9.200	0	0	1018.900
41 MOTOR FREIGHT	0	0	0	0	0	0	0	0
42 OTHER WARH	187.300	237.900	3.000	15.300	329.800	636.100	376.000	253.000
43 AIR TRANS	0	0	0	273.400	70.800	73.200	0	0
44 PIPELINE TRN	31.800	25.100	12.900	116.600	25.800	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	0	0	0	0.900	0	0	0	0
48 RADIO&TV	403.800	218.100	13.100	347.700	417.000	92.600	31.500	133.700
49 OTHER COMMUN	13.600	18.800	0.100	2.300	0	0	0	0
50 GAS SERVICE	0	0	0	3.800	9.600	0	0	0
51 ELECT SERVICE	23.200	13.000	2.800	28.200	60.900	6.300	25.800	32.500
52 WATER&SAN SER	83.700	48.300	6.900	128.600	171.000	137.400	72.500	362.500
53 WHL AUTO PART	11.600	6.300	1.800	34.900	63.300	191.000	28.500	37.400
54 WHL &GROCERIES	0	0	0	20.100	0	0	24.400	0
55 WHL FARM PROD	0	0	0	0	0	4246.100	52.900	0
56 WHL LIVESTOCK	0	0	0	0	0	0	852.700	2529.000
57 WHL &NDUST MA	58.200	38.400	1.200	628.000	4.600	79.500	0	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	171.200	80.000	1.500	2.300	2.100	0	93.500	114.000
60 GENERAL WHL	1674.800	2477.200	118.400	44.600	278.500	109.500	19.800	24.700
61 LUMBER YARDS	0	0	0	3.100	0	0	0	0
62 RET FARM EQUI	9.900	2.700	0.200	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0.100	0	0
64 HARDWARE	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0.700	0	0	0	0
67 AUTO DEAL&REP	88.400	60.800	3.500	271.800	184.100	0	35.600	67.700
68 GAS SERV STAT	50.100	33.000	8.600	672.800	395.700	0.500	0	10.300
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	81.300	39.200	3.300	129.900	150.700	0	0	80.400
72 OTHER RETAIL	0	0	1.100	99.500	122.900	0	0	2.400
73 BANK&CREDIT	808.600	278.300	10.000	773.300	388.200	4.900	0	105.000
74 INSURANCE	516.700	737.700	4.100	1576.200	1060.800	65.300	30.100	35.000
75 F.I.R.E.,NEC	667.500	137.700	100.100	1388.200	541.600	0	0	17.000
76 LEGAL SERVICE	64.200	59.300	1.800	70.000	175.100	3.500	4.100	20.200
77 LODG&NG	104.000	59.800	1.200	76.300	92.200	0	0	70.000
78 PERSONAL SERV	0	0	0	2.700	25.100	34.800	23.000	0
79 ADVERTISING	31.100	28.400	0.100	55.900	211.500	8.200	54.500	50.100
80 RES&DEVELOPE	0	0	0	75.200	30.900	0	0	0
81 OTHER BUS SER	79.900	83.900	76.900	1076.300	1620.700	0	0	470.000
82 MOTION PIC&RE	5.200	5.800	0	0	0	0	0	1.500
83 AUTO RENT&PAR	125.100	60.100	1.600	893.800	11.900	0	0	56.100
84 MISC REP SERV	1.100	44.800	97.500	1.300	30.500	3.900	34.300	304.000
85 PHYS&DENTIST	0	0	0	0.200	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	89.700	6.500	0
87 OTHER MEDICAL	0	0	0	0	0	140.800	0	0
88 EL&SEC SCHOOL	99.300	64.700	7.000	280.500	261.000	44.900	52.400	66.800
89 COLLEGE&UNIV	33.400	19.500	2.900	49.700	108.200	26.600	24.900	33.800
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	91.100	56.900	3.100	302.200	242.800	3.900	12.300	2.500
92 OTHER PRO SER	9.100	0	0	20.500	13.400	0	0	31.800
93 OTHER SERVICE	78.800	63.100	2.400	107.900	145.600	168.900	7.900	13.100
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	26771.100	16419.900	1358.000	64439.500	48816.400	4997.300	4155.700	5146.800
96 FEDERAL GOVT	2814.100	1614.500	145.600	9121.400	2168.000	405.900	279.900	1841.900
97 STATE GOVT	91.000	53.300	7.800	135.500	295.000	72.600	67.800	92.300
98 LOCAL GOVT	120.500	87.100	6.500	511.000	238.600	10.400	35.700	37.500
99 IMPORTS	35099.300	30492.600	3081.500	50362.200	30101.400	40266.400	11624.300	2319.200
100 DEPRECIATION	1085.100	642.500	70.500	2340.700	2739.700	3507.000	1905.300	650.400
TOTAL INPUTS	78054.900	58777.100	5523.100	179885.200	117626.200	106449.700	26691.000	35183.900

TRANSACTIONS TABLE : HIGH PLAINS ,TEXAS, 1967 (THOUSAND DOLLARS)

	25	26	27	28	29	30	31	32
1 IRR COTTON	41560.500	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	14188.300	0	0	0	0	0	0	0
5 DRY COTTON	8512.400	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	4816.400	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	180247.800	0
15 NATURAL GAS	0	0	0	0	0	34720.100	2261.900	0
16 OIL&GAS SERV	0	0	0	0	0	12670.800	13163.800	667.300
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	52.500	2.900	0	9.900	10.200	18348.700	0.900	39.400
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	363.900	46.400	0	0	0	0	0	0
26 BEVERAGES	0	188.500	0	0	0	0	0	0
27 TEXTILE PROD	232.800	0	6683.300	42.500	0	0	0	0
28 WOOD PRODUCTS	0	0	0	31.400	0	0	18.500	0
29 PAPER-PRINT	58.600	0.200	33.600	28.600	195.400	97.200	597.800	0.200
30 CHEMICALS	386.200	2.600	5.900	0.400	10.200	31688.900	4872.300	0
31 PETRO PRODUCT	112.100	163.400	523.400	26.300	62.800	9737.800	51558.200	3364.400
32 SOIL&ROCK PRO	0	0	0	0	0	6.100	27.100	322.000
33 METAL PRODUCT	0	0	0	0	0	190.300	69.900	0.600
34 PLUMB&REL PRO	0	0	0	0	0	13.500	0	0
35 MACHINERY	0	13.300	0	0	9.300	2214.800	0	0
36 ELECTRONIC EQ	0	0	0	0	0	70.200	0	0
37 TRANS EQUIP	0	0	0	0	2.100	0	0	0
38 OTHER MFG	0	0	0	0	0	7.400	0.500	0
39 RAIL TRANS	0	0	0	0	101.400	3603.800	5838.900	0
40 INTERCI RU HI	0	5.400	0	0	0.500	0	0	0
41 MOTOR FREIGHT	225.500	13.100	73.600	318.400	39.100	622.800	1928.700	815.100
42 OTHER WARH	6.300	0	0	0	43.700	0	0	0
43 AIR TRANS	3.500	0	7.500	0	19.200	150.500	487.400	0
44 PIPELINE TRN	0	0	0	0	0	1356.200	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	269.900	0.500	0
47 TELEPHONE	88.800	33.200	243.200	134.300	178.000	448.000	594.200	91.300
48 RADIO&TV	261.400	131.800	0	0	0.300	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	451.200	43.800	94.400	8.700	42.400	5950.800	11100.700	17.400
51 ELECT SERVICE	1146.600	88.200	101.600	27.800	258.200	16139.600	3866.000	21.400
52 WATER&SAN SER	20.300	29.300	64.700	8.600	30.200	1696.300	541.500	12.800
53 WHL AUTO PART	0.400	52.900	0	0	0	0	46.900	16.500
54 WHL &GROCERIES	110.300	0	0	0	0	10.100	0	0
55 WHL FARM PROD	7.900	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	402.200	0	0	0.400	0	38.500	10.800	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	9.000	62.300	6.700	0	0	0	0	0	21.300
60 GENERAL WHL	20.800	11.300	35.100	81.900	634.900	3724.300	534.000	454.600	
61 LUMBER YARDS	0	0	0	1.100	0	3.000	13.100	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0.100	0	0	0	0	0
64 HARDWARE	0.300	0	0	0.400	0	24.000	6.300	0	0
65 DEPT&VARIETY	0	0	0	0	0	1.700	0	0	0
66 FOOD	0	0	0.900	0.100	0	0	0	0	0
67 AUTO DEAL&REP	39.500	0	558.200	4.400	1.500	9.400	9.900	51.300	
68 GAS SERV STAT	28.300	0.700	62.000	8.100	19.100	6.700	11.300	15.800	
69 APPAREL&ACCES	1.700	0	0	0	0	8.100	0	0	
70 FURN&HOME FUR	0	0	0	0.400	0	0	0	0	
71 EAT&DRINK	1.300	1.400	0	0	0	15.200	1.400	0.500	
72 OTHER RETAIL	1.700	0	12.500	0	12.600	2.700	0.900	3.300	
73 BANK&CREDIT	2232.100	59.100	869.800	17.400	29.800	56.700	0	86.000	
74 INSURANCE	509.900	2.900	293.400	3.600	206.200	1105.600	593.300	106.500	
75 F.I.R.E.,NEC	267.300	58.600	0	10.800	16.500	8.800	0.500	13.300	
76 LEGAL SERVICE	45.800	1.800	32.200	0	44.500	1.300	89.300	6.500	
77 LODG&NG	19.000	0	0	34.000	0	20.900	1.800	1.200	
78 PERSONAL SERV	8.500	0	3.700	3.400	1.200	0	27.100	4.500	
79 ADVERTISING	45.200	193.400	0	16.500	93.200	0	321.000	177.100	
80 RES&DEVELOPE	0	0	0	0	0	3246.500	178.500	0	
81 OTHER BUS SER	220.500	5.200	16.800	28.100	169.800	102.200	576.200	67.900	
82 MOTION PIC&RE	24.500	0	18.700	16.200	1.900	50.300	0	8.900	
83 AUTO RENT&PAR	0	0	8.700	2.800	1.200	10.800	603.700	13.100	
84 MISC REP SERV	47.500	0	350.200	2.200	50.700	1.300	7.700	0	
85 PHYS&DENTIST	4.600	0	0	0	0	0	0	0	
86 HOSPITAL&LAB	0	0	0	0	0	0	7.700	0	
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	
88 EL&SEC SCHOOL	172.500	77.900	45.600	25.400	83.600	789.900	1549.900	96.200	
89 COLLEGE&UNIV	18.500	21.000	29.400	7.500	28.400	243.400	937.400	46.400	
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	
91 ACCT&AUD&BOOK	80.300	14.100	95.000	15.500	56.700	152.500	43.300	34.800	
92 OTHER PRO SER	15.700	0	0	0	0	243.600	2.300	1.800	
93 OTHER SERVICE	188.300	8.800	32.700	3.900	25.900	171.700	299.400	157.200	
94 ORDNANCE	0	0	0	0	0	0	0	0	
95 HOUSEHOLDS	11162.600	8068.500	5095.500	1489.400	16171.600	51128.600	103721.400	9854.900	
96 FEDERAL GOVT	614.600	1237.400	221.900	419.400	4275.100	16217.600	10419.000	1619.600	
97 STATE GOVT	50.500	57.200	80.300	20.500	77.400	656.500	2556.800	126.500	
98 LOCAL GOVT	360.300	114.600	1.500	34.700	100.300	1053.300	286.300	62.900	
99 IMPORTS	6436.600	9347.900	3221.000	6311.000	6598.100	75073.500	31379.100	10103.900	
100 DEPRECIATION	2091.000	872.100	910.600	104.100	870.900	43184.700	19432.800	1565.600	
TOTAL INPUTS	92910.100	21031.200	24650.000	9300.200	30580.200	337367.100	450845.700	30070.000	

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	33	34	35	36	37	38	39	40
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0.200	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	18.600	0	9.800	0	0.300	0	2386.300	10.300
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	44.500	0
26 BEVERAGES	0	0	3.400	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0.300	0	9.200	0	0	0
29 PAPER-PRINT	30.000	0	47.200	296.500	5.000	11.700	37.000	0
30 CHEMICALS	0	0	169.800	0	0	0	0	0
31 PETRO PRODUCT	29.900	0.600	414.100	20.600	282.700	20.200	756.600	101.300
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0.300
33 METAL PRODUCT	0.900	0	492.200	108.700	505.700	0	662.700	0
34 PLUMB&REL PRO	0.600	0	0	0	0	0	0	0
35 MACHINERY	0	0	99.200	0	0	0	59.100	0
36 ELECTRONIC EQ	0	0	92.200	998.400	0	0	85.900	0
37 TRANS EQUIP	0	0	21.200	0	0	0	103.300	0
38 OTHER MFG	1.200	0	20.000	0	0	25.600	0	0
39 RAIL TRANS	2948.000	0	52.300	0	9.100	0	1242.000	0
40 INTERCI RU HI	5.900	0	0	0	0	0	0	0
41 MOTOR FREIGHT	58.800	7.000	265.300	16.500	36.600	5.800	202.800	0
42 OTHER WAPH	5.000	0	7.100	0	4.000	0	0	0
43 AIR TRANS	2.100	0	0	0	0.200	0	68.700	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	5.500	0	0	0
46 OTHER TRN SER	0.400	0	0	0	0	0	37.900	0
47 TELEPHONE	132.500	7.500	210.400	129.800	16.700	14.000	0	9.900
48 RADIO&TV	14.800	0	6.500	0	0	0	279.600	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	1709.900	4.000	194.100	25.900	1.600	4.700	31.900	10.900
51 ELECT SERVICE	328.300	11.000	641.100	72.500	21.000	2.900	67.300	29.500
52 WATER&SAN SER	13.500	1.000	19.900	10.400	8.600	1.800	86.400	5.000
53 WHL AUTO PART	2.700	0	41.900	0	0	0	38.600	125.000
54 WHL &GROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0.400	0	73.500	7.200	3.800	0	0	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRD	0.300	0	105.000	0	133.400	0	0	58.900
60 GENERAL WHL	106.900	22.700	441.300	37.300	39.800	0.500	333.000	13.400
61 LUMBER YARDS	0.200	0	0.300	0	0	0	0	0
62 RET FARM EQUI	0	0	0.100	0	0	0	0	0
63 AG SUPPLIES	0	0	0.700	0	0	0	0	0
64 HARDWARE	2.900	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	3.600	0.100	94.400	105.400	0	2.300	0	0
68 GAS SERV STAT	8.800	0.700	50.100	2.300	2.100	4.400	0	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	5.300	0	2.100	2.100	0.500	0	0	0
72 OTHER RETAIL	5.400	0	15.400	0	0	0	0	0
73 BANK&CREDIT	121.600	0	55.400	65.900	0.700	0	113.500	0
74 INSURANCE	139.500	25.800	72.000	87.800	34.200	0	37.300	274.900
75 F.I.R.E.,NEC	2.800	1.700	2.500	3.300	5.700	2.300	570.400	0
76 LEGAL SERVICE	46.600	6.100	19.300	65.900	9.000	0	0	23.100
77 LODG&NG	13.500	0	18.300	2.100	0	0	0	0
78 PERSONAL SERV	2.500	0.300	6.700	112.700	6.700	0	221.600	0
79 ADVERTISING	5.100	7.600	99.000	0	0	0	22.400	58.800
80 RES&DEVELOPE	4.400	0	25.700	0	0	0	0	0
81 OTHER BUS SER	0	0	82.500	0	10.600	0	167.200	0
82 MOTION PIC&RE	8.300	0	0	0	0	11.700	0	0
83 AUTO RENT&PAR	0	0	39.000	0	0	0	0	0
84 MISC REP SERV	8.900	0	780.200	125.200	60.000	2.300	0	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0.800	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	78.000	0.700	203.200	21.000	12.400	33.600	158.900	28.200
89 COLLEGE&UNIV	19.000	0.500	104.500	8.800	4.000	21.400	8.900	14.400
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	19.400	0.400	27.600	32.900	4.700	9.400	0	16.700
92 OTHER PRD SER	0.700	0	1.300	3.300	0	0	0	0
93 OTHER SERVICE	11.600	0.600	31.900	0	24.200	0	0	0
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	13722.400	937.700	27408.800	2648.000	1191.100	649.700	14660.500	2719.600
96 FEDERAL GOVT	1900.100	31.800	6346.500	262.000	95.600	6.500	1609.900	261.200
97 STATE GOVT	51.900	1.300	284.900	23.900	10.900	58.500	24.400	39.400
98 LOCAL GOVT	122.100	0	108.100	18.900	15.700	1.900	363.200	15.300
99 IMPORTS	25569.600	310.500	26422.800	12853.500	3166.900	497.700	334.100	475.300
100 DEPRECIATION	563.100	69.600	1642.100	318.300	95.800	1.200	2015.000	484.600
TOTAL INPUTS	47848.000	1450.000	67373.400	18487.100	5834.000	1390.100	26830.900	4775.000

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	41	42	43	44	45	46	47	48
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	2866.600	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	375.900	66.500	17.200	5188.700	0	0	0	123.300
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0.100	0	0	0	0	0	0
29 PAPER-PRINT	0	0	0	1511.400	0	0	113.500	77.100
30 CHEMICALS	0	0	0	9.600	0	0	0	0
31 PETRO PRODUCT	2737.800	0	1173.400	2834.900	218.500	0	0	86.100
32 SOIL&ROCK PRO	5.600	0	0	983.000	0.100	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	2986.800	0	0	0	0
37 TRANS EQUIP	0	0	0	2336.800	0	0	0	0
38 OTHER MFG	0	0	0	19.100	0	0	0	0
39 RAIL TRANS	0	0	0	340.500	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	68.900	40.600
41 MOTOP FREIGHT	0	0	0	0	0	0	0	0
42 OTHER WARH	0	0	0	0	0	0	74.800	2.500
43 AIR TRANS	0	0	0	0	0	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	20.900
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	3363.200	0	0	0	0	0	7.800	0
48 RADIO&TV	0	36.900	85.500	95.700	18.500	5.700	0	293.600
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	756.400	5.600	2.200	1810.500	3.700	0.700	66.900	10.200
51 ELECT SERVICE	853.900	147.700	4.500	3303.100	18.100	1.100	544.500	184.800
52 WATER&SAN SER	53.000	2.700	0.700	0	3.000	0	64.800	14.600
53 WHL AUTO PART	2121.700	7.400	0	0	32.400	18.300	0	0
54 WHL &GROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0	0	0	46.400



58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	1591.700	0	682.200	0	127.000	0	0	0
60 GENERAL WHL	1278.300	2.700	41.900	141.100	12.700	0	0	59.100
61 LUMBER YARDS	0	0	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0	0	0	0	0	0	5.700
68 GAS SERV STAT	0	0	0	0	0	0	0	26.400
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0	0	0	0	0	0	0
72 OTHER RETAIL	0	0	0	0	0	0	0	1.300
73 BANK&CREDIT	0	0	0	0	0	0	0	1.600
74 INSURANCE	2412.800	55.600	140.300	100.000	74.500	33.400	2.600	0
75 F.I.R.E.,NEC	0	0	0	0	0	0	897.800	142.800
76 LEGAL SERVICE	938.100	12.400	0	102.200	30.100	5.500	0	22.600
77 LODG&NG	0	0	0	0	0	0	0	15.300
78 PERSONAL SERV	0	0	0	0	0	0	0	0
79 ADVERTISING	711.800	0	77.400	0	17.900	1.500	168.900	437.700
80 RE&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0	0	0	0	0	120.400	0	143.600
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0	28.600	0	0	46.500
84 MISC REP SERV	0	0	0	0	0	0	0	19.900
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	817.200	27.900	5.400	2121.200	3.900	3.400	1311.500	70.600
89 COLLEGE&UNIV	471.800	4.100	2.100	467.200	0.400	0.700	305.200	14.100
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	701.400	5.800	0	0	6.500	0.200	0	24.900
92 OTHER PRO SER	0	0	0	0	0	0	0	31.000
93 OTHER SERVICE	0	21.400	0	0	0	1.100	0	59.600
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	26133.900	1915.600	6721.500	59458.300	920.800	297.400	20368.300	6759.900
96 FEDERAL GOVT	2066.400	129.900	422.900	19299.400	23.500	34.600	11999.700	1076.500
97 STATE GOVT	1286.700	11.100	5.600	1274.100	1.000	1.800	832.400	38.300
98 LOCAL GOVT	237.200	54.000	5.700	3514.900	8.400	5.900	2110.400	122.600
99 IMPORTS	13313.100	71.900	659.000	12638.000	222.800	60.100	16083.800	3609.400
100 DEPRECIATION	4067.900	92.700	37.200	33526.700	163.700	8.000	10682.100	3262.500
TOTAL INPUTS	66295.800	2672.000	10084.700	156929.800	1936.100	599.800	65703.900	16892.000

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	49	50	51	52	53	54	55	56
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	1.400	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	252016.400	0	0	0	0	458.300	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 MEREPAIR CONS	0	0	0	0	0	0	0	0
22 MEAT PRODUCTS	0	142.300	208.500	1174.600	86.700	0	829.800	59.700
23 DAIRIES	0	0	0	0	76.900	0	0	0
24 MILLING&FEEDS	0	0	0	0	4.500	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	15.300	0	2.700	0
27 TEXTILE PROD	0	0	0	0	13.800	0	0	0
28 WOOD PRODUCTS	0	9.400	15.800	15.600	0	0	0	0
29 PAPER-PRINT	0	0	0.700	7.200	0	0	0	0
30 CHEMICALS	0	39.800	169.500	35.200	6.000	5059.700	50.000	91.000
31 PETRO PRODUCT	0	1.500	1.400	349.400	0	0	0	0
32 SOIL&ROCK PRO	1.600	73.700	141.400	146.500	124.000	2885.400	460.400	35.700
33 METAL PRODUCT	0	0	5.900	237.100	0	0	0	0
34 PLUMB&REL PRO	0	0	0.900	67.700	0	0	0	0
35 MACHINERY	0	0	0	0.800	0	0	0	0
36 ELECTRONIC EQ	0	0	0	7.300	0	0	0	0
37 TRANS EQUIP	0	0.900	7.400	33.000	0	0	142.500	0
38 OTHER MFG	0	0.600	0.700	0	0	0	0	0
39 RAIL TRANS	0	0	0.100	3.400	0	0	0	0
40 INTERCI RU HI	0	24.000	312.700	0	0	0	841.600	0
41 MOTOR FREIGHT	0	0	0	0	0	0	0	0
42 OTHER WARH	1.100	59.800	139.000	0	870.200	1861.100	1184.500	0
43 AIR TRANS	0	14.900	34.600	0	0	0	51.100	0
44 PIPELINE TRN	0	0	0.700	0	0	833.900	41.600	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	0	0	6.100	0	0	0	234.400	0
48 RADIO&TV	6.500	200.000	357.200	59.600	453.500	988.400	310.200	35.200
49 OTHER COMMUN	0	44.900	257.200	0	0	930.500	38.300	104.000
50 GAS SERVICE	0	0	0	0	0	0	0	0
51 ELECT SERVICE	0.400	4388.700	19608.600	0	69.700	372.200	135.400	6.800
52 WATER&SAN SER	24.500	78.600	0	1502.900	86.700	1804.000	242.500	38.300
53 WHL AUTO PART	0.400	20.300	300.200	1985.800	16.500	1103.700	9.400	0
54 WHL &GROCERIES	0	0.600	47.900	0	0	0	19.200	0
55 WHL FARM PROD	0	0	0	0	0	0	2.000	0
56 WHL LIVESTOCK	0	0	0	0	0	0	73.000	0
57 WHL &NDUST MA	0	0	0	0	0	0	0	0
	0	1.500	102.900	406.100	37.600	0	141.600	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	15.200	58.400	50.100	0	0	8.400	0
60 GENERAL WHL	0.500	202.400	325.800	342.700	10.800	908.500	136.000	6.300
61 LUMBER YARDS	0	0	3.400	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0.600	24.300	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	1.200	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	189.400	1292.400	0	0	4028.800	29.100	8.200
68 GAS SERV STAT	0.500	59.800	75.000	0	42.300	886.300	38.800	11.000
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	2.100	0	0	0	158.200	0	18.700	0.300
72 OTHER RETAIL	0	0	0	0	81.800	0	8.000	0
73 BANK&CREDIT	18.800	300.100	486.400	0	902.000	460.000	1640.000	308.900
74 INSURANCE	0	51.000	131.700	121.300	222.600	2295.900	156.400	94.100
75 F.I.R.E.,NEC	136.400	742.300	722.000	0	0	0	128.000	0
76 LEGAL SERVICE	4.100	299.500	249.500	0	174.000	85.800	159.800	0.600
77 LODG&NG	0	0	0	0	599.500	0	27.300	0
78 PERSONAL SERV	0	0	0	0	0.500	0	0	0
79 ADVERTISING	0	9.700	18.200	0	148.200	0	0.300	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	13.500	223.700	135.700	0	75.200	4676.700	1067.600	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	2.100	4.200	0	0	0	111.600	0
84 MISC REP SERV	0.500	262.200	139.000	0	51.600	2567.100	70.900	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	7.800	1233.800	2399.300	0	0	343.700	119.400	15.600
89 COLLEGE&UNIV	0.400	234.100	505.400	0	0	64.400	20.000	8.900
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	7.600	224.600	0	0	0	279.200	34.900	5.600
92 OTHER PRO SER	2.800	0	0	0	0	0	3.100	0
93 OTHER SERVICE	0	22.500	32.000	0	35.100	795.000	81.100	1.400
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	316.800	21819.600	60587.300	7192.200	24310.700	66081.100	11461.900	2170.200
96 FEDERAL GOVT	101.100	4417.900	17271.200	177.300	876.700	2428.200	3993.400	101.600
97 STATE GOVT	1.000	638.600	1378.400	0	0	175.800	54.400	24.300
98 LOCAL GOVT	18.000	2188.400	4063.700	0	0	612.600	222.000	4.800
99 IMPORTS	12.900	6246.700	2921.400	3429.900	487.800	23554.300	16196.800	45.300
100 DEPRECIATION	218.700	6985.700	16942.900	6580.500	205.900	7557.300	1939.600	0
TOTAL INPUTS	898.000	303487.800	131487.000	23931.200	30245.700	133639.600	42996.900	3177.800

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	57	58	59	60	61	62	63	64
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GINGCOMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	40.600	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	291.400	837.700	2288.700	680.600	0	221.700	425.800	0
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	4.800	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	1.800	0	0
29 PAPER-PRINT	0	0	0	0	0	0	0	0
30 CHEMICALS	85.300	0	998.500	805.400	250.500	148.900	79.200	120.800
31 PETRO PRODUCT	0	0	0	0	0	0	0	0
32 SOIL&ROCK PRO	1921.200	367.000	0	3470.500	140.200	735.800	163.400	175.900
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	0	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	922.700	1849.800	165.900	1722.100	474.400	573.700	268.400	258.200
42 OTHER WARP	0	0	0	0.900	0	0	0	0
43 AIR TRANS	442.000	0	0	926.200	45.900	0	29.400	2.500
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOG&SUR TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	1428.100	210.500	1467.900	1584.200	109.400	174.700	131.200	65.600
48 RADIO&TV	85.300	0	665.800	142.600	0	121.500	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	58.900	21.100	220.100	138.100	16.700	9.700	33.300	17.400
51 ELECT SERVICE	340.300	105.300	1100.600	574.700	87.900	78.600	182.600	69.200
52 WATER&SAN SER	24.400	14.000	147.100	78.500	7.400	5.700	25.700	10.400
53 WHL AUTO PART	0	0	5641.900	0	0	0	0	0
54 WHL &ROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	5182.000	0	0	18.000	0	0	0	0

58 WHL FARM MACH	0	0	0	0	0	2208.000	272.600	0
59 WHL PETRO PRO	266.000	0	0	758.000	44.000	243.400	0	0
60 GENERAL WHL	294.900	80.000	11.100	1429.900	6.500	70.600	157.500	526.700
61 LUMBER YARDS	0	0	0	0	503.700	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0.400
66 FOOD	0	0	0	0	8.600	0	0	0
67 AUTO DEAL&REP	202.900	14.100	621.800	1086.300	3.600	112.500	330.100	117.200
68 GAS SERV STAT	560.800	112.700	0	341.700	15.200	72.900	50.200	23.800
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	5.200
71 EAT&DRINK	0	0	126.900	317.400	23.600	77.200	12.100	9.500
72 OTHER RETAIL	0	0	259.200	0	23.600	0	0	0
73 BANK&CREDIT	955.300	169.600	4486.700	1140.900	25.200	154.300	663.100	0
74 INSURANCE	875.000	260.200	2798.700	927.000	122.700	122.600	502.900	91.400
75 F.I.R.E.,NEC	0	0	0	140.200	0	0	0	0
76 LEGAL SERVICE	91.200	0	71.900	441.800	19.300	7.400	42.600	0
77 LODGING	799.200	184.500	0	453.500	2.900	22.700	0	0.500
78 PERSONAL SERV	0	0	0	48.100	1.500	0	0	0
79 ADVERTISING	331.900	0	0	0	22.300	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	104.800	0	0	14.800	0	79.700	428.600	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	285.900	0	595.700	0	0	0	0	0
84 MISC REP SERV	0	0	0	163.000	105.500	0	0	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	387.900	122.700	576.200	559.900	65.100	47.300	87.400	17.400
89 COLLEGE&UNIV	57.200	10.600	82.100	74.300	3.500	10.200	14.200	3.200
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	271.600	0	420.100	206.300	29.700	44.200	177.700	0
92 OTHER PRO SER	0	0	0	2.200	0	0	0	0
93 OTHER SERVICE	211.400	0	116.700	308.000	58.500	73.300	0	47.200
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	42199.900	12545.200	53484.300	64140.800	2156.200	7673.000	10159.600	3923.100
96 FEDERAL GOVT	4221.800	1217.600	1117.400	8414.800	159.800	799.300	583.700	181.300
97 STATE GOVT	156.100	29.000	224.000	202.700	9.500	27.900	38.700	8.800
98 LOCAL GOVT	750.600	266.000	1126.100	1115.200	149.400	79.100	164.100	31.100
99 IMPORTS	3460.000	419.000	5551.500	4403.600	2703.500	977.600	1663.500	108.700
100 DEPRECIATION	1739.500	215.300	5702.000	3691.000	310.500	711.700	1702.600	162.400
TOTAL INPUTS	59046.100	19051.900	90068.900	100528.000	7706.300	15687.000	18390.200	5938.900

TRANSACTIONS TABLE : HIGH PLAINS ,TEXAS, 1967 (THOUSAND DOLLARS)

	65	66	67	68	69	70	71	72
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GING&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	68.600	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	81.000
21 M&REPAIR CONS	214.300	79.800	293.800	359.900	225.800	51.200	340.900	0
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	2343.000
29 PAPER-PRINT	884.200	1003.000	603.600	0	974.000	743.900	143.000	0
30 CHEMICALS	0	0	0	0	0	0	0	1004.600
31 PETRO PRODUCT	0	111.200	536.000	144.100	29.300	178.100	221.800	0
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	73.000	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	72.800	0	0	0	0	0
40 INTERCI RU HI	0	0	25.400	0	0	0	0	6435.000
41 MOTOR FREIGHT	1529.800	6.400	191.500	0	531.100	42.600	308.800	535.100
42 OTHER WARH	0	0	0	0	0	0	40.000	0
43 AIR TRANS	0	0	56.400	0	78.600	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	1312.400
47 TELEPHONE	190.100	91.100	1065.700	101.600	254.100	346.000	528.800	1206.600
48 RADIO&TV	477.100	1014.800	79.500	0	27.400	235.500	465.400	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	1023.000	136.900	142.100	0	102.200	23.100	386.200	207.300
51 ELECT SERVICE	1411.200	883.000	577.200	519.400	291.000	92.200	1905.900	1984.500
52 WATER&SAN SER	141.500	91.900	169.900	0	96.700	0	282.900	179.800
53 WHL AUTO PART	0	0	11068.600	0	0	0	0	0
54 WHL &GROCERIES	0	26496.900	0	2352.800	0	0	8803.800	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	16.700	0	0	0	0	0	204.800

58 WHL FARM MACH	0	0	417.300	0	0	0	0	0	0
59 WHL PETRO PRO	0	24.200	56.300	16124.000	0	0	18.100	0	0
60 GENERAL WHL	6394.500	3443.800	126.900	111.900	233.900	8159.600	210.700	10457.900	0
61 LUMBER YARDS	0	0	1.400	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	37.800	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	29.900	372.200	0	10.600	25.900	0	294.300	0
68 GAS SERV STAT	0	18.800	142.600	44.200	9.000	54.700	56.600	319.600	0
69 APPAREL&ACCES	0	0	3.100	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	3.300	179.200	0	58.600	0	13.300	455.500	0
72 OTHER RETAIL	0	0	0	0	0	0	0	0	0
73 BANK&CREDIT	0	795.200	659.900	110.900	863.300	992.400	12.300	533.100	0
74 INSURANCE	0	599.400	870.300	0	569.300	587.500	429.500	993.200	0
75 F.I.R.E.,NEC	0	0	227.600	584.800	0	0	0	729.200	0
76 LEGAL SERVICE	0	0	122.200	25.400	4.900	0	0	0	0
77 LODG&ENG	0	4.700	7.200	111.500	57.800	0	0	805.200	0
78 PERSONAL SERV	0	117.400	9.500	0	41.200	0	1168.900	0	0
79 ADVERTISING	0	0	1199.000	0	749.300	0	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0	1477.500	698.800	0	87.700	34.200	231.100	1064.000	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0	0	0	0	0	0
84 MISC REP SERV	0	352.100	419.800	0	12.400	0	169.200	254.800	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	411.600	152.500	219.000	90.900	106.600	72.700	102.800	279.600	0
89 COLLEGE&UNIV	145.300	39.500	48.800	12.600	20.200	5.500	24.500	43.400	0
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	0
91 ACCT&AUDE&BOOK	0	127.900	253.600	63.500	86.600	41.200	328.100	882.200	0
92 OTHER PRO SER	0	0	0	0	0	0	0	0	0
93 OTHER SERVICE	0	61.400	1.000	34.900	160.800	27.800	23.900	322.800	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	59966.000	15039.200	41510.100	12520.600	20347.400	10557.600	25187.700	50929.100	0
96 FEDERAL GOVT	5139.700	496.400	9439.100	953.100	2473.200	940.400	844.300	2977.900	0
97 STATE GOVT	396.400	107.900	133.100	34.500	55.000	15.000	66.900	118.500	0
98 LOCAL GOVT	472.700	230.000	360.500	178.800	189.400	160.600	163.100	532.700	0
99 IMPORTS	19635.100	4784.200	1221.100	418.300	852.900	351.500	717.300	1866.400	0
100 DEPRECIATION	1570.300	1681.100	1666.000	485.100	727.700	1145.800	991.200	2282.300	0
<b>TOTAL INPUTS</b>	<b>100002.800</b>	<b>59518.100</b>	<b>75358.900</b>	<b>35451.400</b>	<b>30328.000</b>	<b>24885.000</b>	<b>44187.000</b>	<b>91635.800</b>	<b>0</b>

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	73	74	75	76	77	78	79	80
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GING&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	968.000	0	1237.500	7.700	571.400	41.900	2.300	0
22 MEAT PRODUCTS	0	0	6.100	0	0	0	0	0
23 DAIRIES	0	0	0.400	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	1.200	0	0	0	0	0
26 BEVERAGES	13.800	40.300	185.800	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	17.100	774.400	0	38.700	39.100	475.800	1127.000	51.400
30 CHEMICALS	0	0	0	0	0	0	0	0
31 PETRO PRODUCT	0	0	23.600	11.900	0	417.900	12.600	15.500
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	355.700	89.700	0.500
39 RAIL TRANS	0	0	0	63.800	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	0	5.300	218.600	0	1.900
42 OTHER WARH	0	0	0	0	0	0	0	0
43 AIR TRANS	40.400	118.000	0	0	16.800	0	2.600	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	17.000	0	0	0.500	0	0	0	0
47 TELEPHONE	968.500	157.600	599.200	271.300	165.500	413.500	28.000	48.600
48 RADIO&TV	202.900	0	0	0	27.600	290.500	2967.700	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	102.400	0	300.100	8.400	94.900	316.600	0.600	2.900
51 ELECT SEPVCE	672.000	0	1369.500	11.900	531.700	879.600	11.600	42.200
52 WATER&SAN SER	81.300	0	245.400	3.600	21.700	256.500	0.600	5.300
53 WHL AUTO PART	0	0	0	0	0	26.900	0	0
54 WHL &GROCERIES	0	0	0	0	1069.300	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0	125.200	0	0



58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	0	0	0	0	115.100	0	0	0
60 GENERAL WHL	1421.000	280.300	35.800	34.300	200.300	830.600	2.400	10.500	0
61 LUMBER YARDS	0	0	0	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0	0	3.400	71.700	0	4.700	0	0
68 GAS SERV STAT	108.400	317.000	8.000	3.700	0	55.300	3.900	4.700	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	235.700	688.900	12.500	58.700	0	10.400	0	0	0
72 OTHER RETAIL	0	0	0	51.200	0	0	0	0	0
73 BANK&CREDIT	3116.700	5.300	5103.800	59.800	6.100	76.100	18.800	0	0
74 INSURANCE	939.500	128.900	399.200	22.800	47.600	248.400	65.800	17.600	0
75 F.I.R.E., NEC	4471.000	890.400	429.000	193.900	741.700	203.400	0	0	0
76 LEGAL SERVICE	577.800	310.500	322.500	0	5.900	6.800	7.300	0	0
77 LODGNG	144.300	421.700	21.200	2.200	0	0	0	0	0
78 PERSONAL SERV	0	0	0	0	302.200	72.500	157.200	9.900	0
79 ADVERTISING	1393.600	134.400	246.100	0	0	0	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	76.600	0
81 OTHER BUS SER	2415.400	1258.400	678.600	30.300	461.700	125.000	0	12.800	0
82 MOTION PIC&RE	0	0	0	10.000	0	0	0	0	0
83 AUTO RENT&PAR	8.200	24.200	0	0	0	41.300	0	0	0
84 MISC REP SERV	0	0	0	15.200	197.300	588.400	0	18.600	0
85 PHYS&DENTIST	0	232.300	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	645.500	720.800	635.200	16.500	289.000	101.600	2.500	7.500	0
89 COLLEGE&UNIV	51.000	422.400	65.100	6.400	22.500	32.600	0.600	3.800	0
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	276.600	86.800	169.200	20.200	46.600	71.100	4.100	30.700	0
92 OTHER PRO SER	0	0	0	0	0	0	235.800	0	0
93 OTHER SERVICE	229.700	410.900	295.800	112.100	86.100	118.200	22.500	7.300	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	108908.600	36759.100	15426.000	18032.800	14897.700	36096.100	1456.800	3695.000	0
96 FEDERAL GOVT	9571.800	1297.500	516.900	1429.600	1554.800	2506.000	614.900	175.200	0
97 STATE GOVT	139.100	1152.100	177.600	17.500	61.400	88.800	1.500	10.300	0
98 LOCAL GOVT	1418.500	185.200	1338.900	16.600	636.400	129.300	4.000	4.300	0
99 IMPORTS	16743.100	1604.000	469.700	237.800	2250.600	7608.700	411.900	97.100	0
100 DEPRECIATION	2631.800	202.600	3860.500	98.300	1610.900	1087.700	132.600	15.900	0
TOTAL INPUTS	158530.700	48624.000	34180.400	20891.100	26033.800	54032.100	7390.000	4366.100	0

TRANSACTIONS TABLE : HIGH PLAINS ,TEXAS, 1967 (THOUSAND DOLLARS)

	81	82	83	84	85	86	87	88
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	82.500	82.100	31.900	808.300	305.400	82.700	15.400	1187.600
22 MEAT PRODUCTS	0	11.800	0	0	0	287.900	0	3512.500
23 DAIRIES	0	2.400	0	0	0	93.600	0	4552.000
24 MILLING&FEEDS	0	0	0	0	0	0	0	1401.800
25 FOOD PROCESS	0	37.200	0	0	7.200	188.800	0	3874.300
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	269.600	195.500	11.000	35.500	72.200	5.400	14.700	524.300
30 CHEMICALS	0	0	0	0	0	45.300	0	0
31 PETRO PRODUCT	8187.300	91.400	37.900	11.400	23.200	0	2.400	0
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	32.600	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	4.100	0	0	0	0	0
39 RAIL TRANS	1.200	0.600	0	30.100	0	0	0	0
40 INTERCI RU HI	48.800	0	0	0	0	0	0	19.700
41 MOTOR FREIGHT	746.800	0	0	571.700	0.700	2.900	0	139.700
42 OTHER WARH	0	0	0	0	0	0	0	775.600
43 AIR TRANS	54.300	10.100	0	0	8.300	16.100	3.200	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	4.500	0	0	0	0	0	0
47 TELEPHONE	368.500	99.500	38.700	569.400	523.600	338.900	39.900	349.300
48 RADIO&TV	9.000	12.000	0	0	0	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	108.200	14.800	11.600	56.500	22.500	33.500	13.800	951.100
51 ELECT SERVICE	387.200	130.000	49.300	200.700	315.000	132.500	69.200	2323.200
52 WATER&SAN SER	114.700	19.800	3.900	2.600	28.600	29.700	9.200	308.100
53 WHL AUTO PART	0	0	0	0	0	0	0	0
54 WHL &GROCERIES	0	36.800	0	0	0	604.700	135.200	184.100
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	110.400	0	3.200	9.100	189.500	0	510.800

58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	3649.800	6.500	0	0	0	0	0	0	0
60 GENERAL WHL	251.300	15.500	5.300	71.400	185.800	654.600	56.700	1794.200	0
61 LUMBER YARDS	0	0	0	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0	0
64 HARDWARE	34.300	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	802.300	123.000	25.900	138.200	11.500	2.900	0	0	0
68 GAS SERV STAT	197.000	0	7.100	3.500	7.200	0	0.800	6.300	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	81.700	10.500	2.400	138.000	33.900	24.100	0	0	0
72 OTHER RETAIL	20.500	1.400	0	0	8.500	0	0	17.400	0
73 BANK&CREDIT	148.000	63.700	1533.000	210.600	183.400	611.200	368.100	0	0
74 INSURANCE	573.000	26.300	129.800	625.700	475.700	150.100	79.800	813.600	0
75 F.I.R.E.,NEC	78.000	549.800	22.600	0	4.600	0	0	0	0
76 LEGAL SERVICE	18.100	22.500	38.600	117.100	92.000	9.800	2.700	0	0
77 LODGING	42.200	24.000	1.200	27.500	3.600	0	0	0	0
78 PERSONAL SERV	14.700	16.900	12.000	0	181.500	740.400	134.100	60.900	0
79 ADVERTISING	0.600	0	0	0	0	0	0	0	0
80 RES&DEVELOPE	717.800	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0	11.700	6.700	422.600	9.000	39.300	0	111.100	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	275.100	0	0	179.400	3.400	0	0	0	0
84 MISC REP SERV	210.200	129.500	0	195.400	101.600	73.600	0	0	0
85 PHYS&DENTIST	0	0	0	0	38.900	708.200	0	0	0
86 HOSPITAL&LAB	0	0	0	0	379.800	63.900	0	0	0
87 OTHER MEDICAL	0	0	0	0	10.600	43.500	0	0	0
88 EL&SEC SCHOOL	72.700	82.700	54.100	64.600	36.100	74.500	28.500	0	0
89 COLLEGE&UNIV	27.000	28.100	14.800	30.600	4.800	12.900	3.900	0	0
90 OTHER EDUCATE	0	0	0	0	0	35.800	0	0	0
91 ACCT&AUDE&BOOK	176.200	56.800	80.300	29.900	68.100	23.400	7.700	0	0
92 OTHER PRO SER	0	0	0	0	0	0	0	0	0
93 OTHER SERVICE	115.900	5.100	0.200	184.400	170.200	28.700	7.700	0	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	52641.600	8395.500	890.900	17914.600	28385.600	15191.000	1778.100	112920.200	0
96 FEDERAL GOVT	2571.600	276.200	672.500	505.100	543.800	1177.800	106.300	972.600	0
97 STATE GOVT	73.700	76.600	40.500	83.600	13.100	35.100	10.700	0	0
98 LOCAL GOVT	78.300	99.300	78.300	44.200	71.800	137.200	56.400	0	0
99 IMPORTS	6987.400	2711.500	63.900	1696.000	4155.100	4116.500	412.400	13762.300	0
100 DEPRECIATION	1935.200	242.200	6808.300	1096.600	742.000	932.500	327.100	28046.500	0
TOTAL INPUTS	82172.300	13834.200	10676.800	26101.000	37240.300	26935.600	3684.000	179119.200	0

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	89	90	91	92	93	94
1 IRR COTTON	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	16.200
15 NATURAL GAS	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0
18 COM&E&INST C	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0
21 MEREPAIR CONS	0	0	23.500	0	373.700	0
22 MEAT PRODUCTS	0	0	0	0	0	0
23 DAIRIES	0.400	0	0	0	0	0
24 MILLING&FEEDS	23.100	0	0	0	0	0
25 FOOD PROCESS	31.900	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0
27 TEXTILE PROD	28.900	0	0	0	0	0
28 WOOD PRODUCTS	408.800	0	0	0	0	0
29 PAPER-PRINT	358.600	74.400	0	5.400	2085.500	0
30 CHEMICALS	136.200	0	0	0	0	0
31 PETRO PRODUCT	54.000	0	50.900	22.800	21.300	8.800
32 SOIL&ROCK PRO	2.400	0	0	0	0	0
33 METAL PRODUCT	55.300	0	0	0	0	6288.900
34 PLUMB&REL PRO	6.200	0	0	0	0	0
35 MACHINERY	108.900	0	0	0	0	0
36 ELECTRONIC EQ	398.600	0	0	0	0	0
37 TRANS EQUIP	69.400	0	0	0	0	0
38 OTHER MFG	160.200	0	0	0	0	347.400
39 RAIL TRANS	47.100	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	3.800	0
41 MOTOR FREIGHT	69.800	11.400	0	15.200	0	124.100
42 OTHER WARH	0	0	0	0	0	0
43 AIR TRANS	141.400	0	103.900	0.900	57.000	0
44 PIPELINE TRN	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0
47 TELEPHONE	1014.000	65.000	164.700	35.000	472.000	39.700
48 RADIO&TV	217.200	0	0	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0
50 GAS SERVICE	224.000	0	10.100	10.600	48.000	98.300
51 ELECT SERVICE	991.000	0	134.700	30.500	445.400	436.800
52 WATER&SAN SER	327.300	0	8.900	2.400	49.500	10.900
53 WHL AUTO PART	0	0	0	0	0	0
54 WHL &ROCERIES	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0
57 WHL ENDUST MA	23.000	0	0	0	0	0

58 WHL FARM MACH	0	0	0	0	0	0
59 WHL PETRO PRO	0	0	0	0	0	2.300
60 GENERAL WHL	273.400	11.300	30.200	18.500	297.300	1126.300
61 LUMBER YARDS	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0	1.400	6.400	8.000	0
68 GAS SERV STAT	0	0	15.600	7.000	6.600	0
69 APPAREL&ACCES	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0
71 EAT&DRINK	0	6.600	39.700	28.900	82.000	0
72 OTHER RETAIL	0	0	0	2.600	639.200	0
73 BANK&CREDIT	44.900	0	234.600	13.200	0	148.900
74 INSURANCE	206.200	7.100	7.400	0	6.900	0
75 F.I.R.E.,NEC	5231.500	0	0	71.800	854.100	0
76 LEGAL SERVICE	165.100	0	0	3.000	496.400	12.400
77 LODG&NG	0	6.600	87.800	26.700	18.800	0
78 PERSONAL SERV	1.300	0	0	0	20.000	0
79 ADVERTISING	38.100	0	2.500	0	161.300	0
80 RES&DEVELOPE	0	0	0	0	0	0
81 OTHER BUS SER	768.500	0	130.800	95.200	2246.600	0
82 MOTION PIC&RE	69.700	0	0	0	9.300	0
83 AUTO RENT&PAR	254.500	0	0	0	0	0
84 MISC REP SERV	0	67.900	7.400	5.100	6.700	0
85 PHYS&DENTIST	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0
88 EL&SEC SCHOOL	12.500	5.600	13.600	6.200	5.400	0
89 COLLEGE&UNIV	0	2.300	7.300	3.400	3.500	0
90 OTHER EDUCATE	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0	9.100	0	28.900	15.300	24.800
92 OTHER PRO SER	0	0	0	1157.200	0	0
93 OTHER SERVICE	64.900	10.100	213.900	26.800	61.600	0
94 ORDNANCE	0	0	0	0	0	0
95 HOUSEHOLDS	28873.700	1561.200	18393.400	3538.200	22650.900	5988.300
96 FEDERAL GOVT	498.400	67.900	296.400	415.400	3825.000	0
97 STATE GOVT	0	6.200	19.900	9.300	9.600	0
98 LOCAL GOVT	31.200	5.300	6.200	2.500	0	0
99 IMPORTS	3810.600	355.600	626.100	80.500	24112.200	9519.100
100 DEPRECIATION	2831.800	182.900	922.100	156.600	1002.100	1786.800
TOTAL INPUTS	48074.000	2456.500	21553.000	5826.200	60095.000	25980.000

TRANSACTIONS TABLE : HIGH PLAINS , TEXAS, 1967 (THOUSAND DOLLARS)

	HOUSEHOLDS	NET INV CHANGE	FED GOV	STATE GOV	LOCAL GOV	EXPORTS
1 IRR COTTON	0	-109000.000	120186.700	0	0	193314.000
2 IRR FOOD GRAIN	0	-1340.000	43624.300	0	0	30266.500
3 IRR FEED GRAIN	0	0	46633.000	0	0	140882.000
4 OTHER IRR CROP	12734.500	0	12355.000	0	0	23810.400
5 DRY COTTON	0	-24790.000	27741.400	0	0	45079.300
6 DRY FOOD GRAIN	0	-350.000	10040.400	0	0	8562.600
7 DRY FEED GRAIN	0	0	10486.000	0	0	32791.100
8 OTHER DRY CROP	224.600	0	7657.500	0	0	406.300
9 RANGE LVSTK	3836.500	3300.000	5192.000	0	0	62699.800
10 FEEDLOT LVSTK	0	18300.000	20.000	0	0	215166.900
11 DAIRY&POULTRY	301.900	-320.000	0	3.000	0	9386.200
12 GING&COMPRESS	0	0	0	0	0	0
13 AG SERVICES	1456.700	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	1189146.300
15 NATURAL GAS	0	0	0	0	0	178748.400
16 OIL&GAS SERV	0	0	0	0	0	15181.400
17 RESIDENT CONS	0	0	0	0	0	12981.000
18 COM&ED&INST C	0	0	0	0	0	2996.300
19 INDUSTRY CONS	0	0	0	0	0	1113.000
20 FACILITY CONS	0	0	0	0	0	17621.100
21 M&REPAIR CONS	56680.700	0	63.200	254.400	1193.000	0
22 MEAT PRODUCTS	2548.300	-1662.000	6093.000	0	0	89318.500
23 DAIRIES	18105.000	81.000	0	246.400	0	3605.200
24 MILLING&FEEDS	0	1144.000	0	6.000	0	10622.400
25 FOOD PROCESS	902.100	-20292.000	13582.100	959.000	0	82409.900
26 BEVERAGES	15837.500	81.000	0	0	0	4640.700
27 TEXTILE PROD	193.100	-49.000	0	124.700	1014.200	16235.300
28 WOOD PRODUCTS	126.400	-84.000	37.600	80.400	0	238.500
29 PAPER-PRINT	2937.900	-113.000	242.700	262.900	0	2677.200
30 CHEMICALS	0	24067.000	156.600	986.100	673.000	222409.100
31 PETRO PRODUCT	56.200	8455.000	897.700	3502.500	7757.500	272937.600
32 SOIL&ROCK PRO	0	670.000	1.600	102.600	0	2272.600
33 METAL PRODUCT	7.000	398.000	121.200	81.900	0	11826.100
34 PLUMB&REL PRO	0	0	8.100	4.000	0	130.000
35 MACHINERY	435.200	3993.000	12.400	276.300	58.100	12681.300
36 ELECTRONIC EQ	0	127.000	7.100	38.900	547.100	2510.900
37 TRANS EQUIP	0	133.000	0	0	1752.500	918.000
38 OTHER MFG	0	-10.000	55.300	22.100	0	8.000
39 RAIL TRANS	3885.700	0	6256.800	6.000	0	0
40 INTERCI RU HI	4626.300	0	40.200	0	0	0
41 MOTOR FREIGHT	36589.000	0	1021.000	559.900	0	0
42 OTHER WARH	0	0	0	0	0	0
43 AIR TRANS	5107.200	0	924.500	3.000	4.000	0
44 PIPELINE TRN	0	0	0	0	0	155573.800
45 LOC&SUB TRANS	1930.500	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0
47 TELEPHONE	32689.300	0	1879.800	707.600	0	0
48 RADIO&TV	6472.600	0	0	0	0	0
49 OTHER COMMUN	884.500	0	0	0	0	0
50 GAS SERVICE	24538.900	0	1051.000	59.000	70.000	213110.900
51 ELECT SERVICE	69636.400	0	890.300	365.700	246.400	0
52 WATER&SAN SER	10537.200	0	2523.000	94.800	87.000	0
53 WHL AUTO PART	10891.800	0	0	0	0	0
54 WHL &ROCERIES	89535.000	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	25499.400
56 WHL LIVESTOCK	0	0	0	0	0	6.300
57 WHL &NDUST MA	0	0	0	130.300	9.900	50079.900

58 WHL FARM MACH	0	0	0	0	0	14311.500
59 WHL PETRO PRO	63219.900	0	1325.100	58.600	0	0
60 GENERAL WHL	32812.200	0	428.600	187.500	1165.200	8756.500
61 LUMBER YARDS	5468.700	0	0	0	0	380.100
62 RET FARM EQUI	0	0	0	0	0	7671.600
63 AG SUPPLIES	0	0	0	0	0	3672.100
64 HARDWARE	3692.600	0	0	0	0	0
65 DEPT&VARIETY	99991.500	0	0	0	0	0
66 FOOD	59513.300	0	0	0	0	0
67 AUTO DEAL&REP	51749.000	0	0	0	186.000	34.900
68 GAS SERV STAT	12390.600	0	0	0	4937.000	0
69 APPAREL&ACCES	29874.200	0	0	0	0	440.900
70 FURN&HOME FUR	24879.400	0	0	0	0	0
71 EAT&DRINK	40088.600	0	0	0	4.800	0
72 OTHER RETAIL	82665.800	0	0	9.000	0	7239.100
73 BANK&CREDIT	59422.000	0	19436.700	2128.700	16601.100	0
74 INSURANCE	3720.700	0	38.700	2.000	290.400	0
75 F.I.R.F.,NEC	2288.600	0	0	394.000	86.700	0
76 LEGAL SERVICE	12583.600	0	1898.800	151.700	0	0
77 LODG&ENG	695.000	0	0	0	4.000	19351.600
78 PERSONAL SERV	50320.400	0	116.100	0	0	0
79 ADVERTISING	0	0	5.500	2.800	0	0
80 RES&DEVELOPE	0	0	6.200	4.100	0	0
81 OTHER BUS SER	2864.200	0	786.400	5.900	2909.300	48438.700
82 MOTION PIC&RE	7136.000	0	0	0	0	6456.100
83 AUTO RENT&PAR	6507.700	0	7.000	14.000	0	0
84 MISC REP SERV	2850.200	0	44.000	23.600	0	3436.500
85 PHYS&DENTIST	36255.600	0	0	0	0	0
86 HOSPITAL&LAB	26150.100	0	40.000	21.000	0	148.000
87 OTHER MEDICAL	3489.000	0	0	0	0	0
88 EL&SEC SCHOOL	121909.000	0	12835.500	0	0	0
89 COLLEGE&UNIV	28878.900	0	4629.700	0	0	0
90 OTHER EDUCATE	2056.900	0	0	0	0	364.300
91 ACCT&AUD&BOOK	14444.000	0	0	0	0	0
92 OTHER PRO SER	610.800	0	274.100	152.900	0	2113.100
93 OTHER SERVICE	1081.100	0	0	0	0	52414.700
94 ORDNANCE	0	0	25980.000	0	0	0
95 HOUSEHOLDS	31239.700	0	284253.000	29194.000	20063.000	144263.300
96 FEDERAL GOVT	561611.800	0	0	237.000	894.000	0
97 STATE GOVT	<del>78766.100</del>	0	33451.000	0	0	0
98 LOCAL GOVT	194227.800	0	3489.000	<del>47007.000</del>	0	0
99 IMPORTS	1340911.400	0	139971.000	<del>37145.700</del>	26357.200	0
100 DEPRECIATION	0	0	0	0	0	0
TOTAL INPUTS	3510074.400	-97261.000	848817.900	126417.000	86911.400	3679357.200

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TRANSACTIONS TABLE : HIGH PLAINS ,TEXAS, 1967 (THOUSAND DOLLARS)

	CAPITAL FORMATION	TOTAL FINAL DEMAND	TOTAL OUTPUTS
1 IRR COTTON	0	204500.700	254099.900
2 IRR FOOD GRAIN	0	72550.800	73600.000
3 IRR FEED GRAIN	0	187515.000	234600.000
4 OTHER IRR CROP	0	48899.900	70800.000
5 DRY COTTON	0	48030.700	58100.000
6 DRY FOOD GRAIN	0	18253.000	19200.000
7 DRY FEED GRAIN	0	43277.100	55800.000
8 OTHER DRY CROP	0	8288.400	9600.000
9 RANGE LVSTK	0	75028.300	90100.000
10 FEEDLOT LVSTK	0	233486.900	267600.300
11 DAIRY&POULTRY	0	9371.100	20359.900
12 GIN&COMPRESS	0	0	23286.100
13 AG SERVICES	0	1456.700	30530.900
14 CRUDE PETRO	0	1189146.300	1690485.800
15 NATURAL GAS	0	178748.400	216361.200
16 OIL&GAS SERV	0	15181.400	254400.000
17 RESIDENT CONS	65074.000	78055.000	78054.900
18 COM&ED&INST C	55386.300	58382.600	58777.100
19 INDUSTRY CONS	4410.000	5523.000	5523.100
20 FACILITY CONS	162087.400	179708.500	179885.200
21 M&REPAIR CONS	0	58191.300	117626.200
22 MEAT PRODUCTS	0	96297.800	106449.700
23 DAIRIES	0	22037.600	26691.000
24 MILLING&FEEDS	0	11772.400	35183.900
25 FOOD PROCESS	0	77561.100	92910.100
26 BEVERAGES	0	20559.200	21031.200
27 TEXTILE PROD	0	17518.300	24650.000
28 WOOD PRODUCTS	0	398.900	9300.200
29 PAPER-PRINT	0	6007.700	30580.200
30 CHEMICALS	0	248291.800	337367.100
31 PETRO PRODUCT	1534.000	295140.500	450845.700
32 SOIL&ROCK PRO	6241.700	9288.500	30070.000
33 METAL PRODUCT	2091.100	14525.300	47848.000
34 PLUMB&REL PRO	0	142.100	1450.000
35 MACHINERY	19381.000	36837.300	67373.400
36 ELECTRONIC EQ	2013.400	5244.400	18487.100
37 TRANS EQUIP	1676.800	4480.300	5834.000
38 OTHER MFG	244.200	319.600	1390.100
39 RAIL TRANS	0	10149.500	26830.900
40 INTERCI RU HI	0	4666.500	4776.000
41 MOTOR FREIGHT	0	38169.900	66295.800
42 OTHER WARH	0	0	2672.000
43 AIR TRANS	0	6038.700	10084.700
44 PIPELINE TRN	0	155573.800	156929.800
45 LOC&SUB TRANS	0	1930.500	1936.100
46 OTHER TRN SER	0	0	599.800
47 TELEPHONE	0	35276.700	65703.900
48 RADIO&TV	0	6472.600	16892.000
49 OTHER COMMUN	0	884.500	898.000
50 GAS SERVICE	0	238829.800	303487.800
51 ELECT SERVICE	0	71138.800	131487.000
52 WATER&SAN SER	0	13242.000	23931.200
53 WHL AUTO PART	0	10891.800	30245.700
54 WHL &ROCERIES	0	89535.000	133639.600
55 WHL FARM PROD	0	25499.400	42996.900
56 WHL LIVESTOCK	0	6.300	3177.800
57 WHL ENDUST MA	0	50220.100	69046.100



58 WHL FARM MACH	0	14311.500	19051.900
59 WHL PETRO PRO	0	64603.600	90068.900
60 GENERAL WHL	0	43350.000	100528.000
61 LUMBER YARDS	0	5848.800	7706.300
62 RET FARM EQUI	0	7671.600	15687.000
63 AG SUPPLIES	0	3672.100	18390.200
64 HARDWARE	0	3692.600	5938.900
65 DEPT&VARIETY	0	99991.500	100002.800
66 FOOD	0	59513.300	59518.100
67 AUTO DEAL&REP	0	51969.900	75358.900
68 GAS SERV STAT	0	17327.600	35451.400
69 APPAREL&ACCES	0	30315.100	30328.000
70 FURN&HOME FUR	0	24879.400	24885.000
71 EAT&DRINK	0	40093.400	44187.000
72 OTHER RETAIL	0	89913.900	91635.800
73 BANK&CREDIT	0	97588.500	158530.700
74 INSURANCE	0	4051.800	48624.000
75 F.I.R.E.,NEC	0	2769.300	34180.400
76 LEGAL SERVICE	0	14634.100	20891.100
77 LODG&ENG	0	20050.600	26033.800
78 PERSONAL SERV	0	50436.500	54032.100
79 ADVERTISING	0	8.300	7390.000
80 RES&DEVELOPE	0	10.300	4366.100
81 OTHER BUS SER	0	55004.500	82172.300
82 MOTION PIC&RE	0	13592.100	13834.200
83 AUTO RENT&PAR	0	6528.700	10676.800
84 MISC REP SERV	0	6354.300	26101.000
85 PHYS&DENTIST	0	36255.600	37240.300
86 HOSPITAL&LAB	0	26359.100	26935.600
87 OTHER MEDICAL	0	3489.000	3684.000
88 EL&SEC SCHOOL	0	134744.500	179119.200
89 COLLEGE&UNIV	0	33508.600	48074.000
90 OTHER EDUCATE	0	2421.200	2456.500
91 ACCT&AUD&BOOK	0	14444.000	21553.000
92 OTHER PRO SER	0	3150.900	5826.200
93 OTHER SERVICE	0	53495.800	60095.000
94 ORDNANCE	0	25980.000	25980.000
95 HOUSEHOLDS	0	509013.000	3510074.400
96 FEDERAL GOVT	0	562742.800	1166547.500
97 STATE GOVT	0	112217.100	151936.400
98 LOCAL GOVT	0	245523.800	306715.300
99 IMPORTS	0	1544385.300	2550705.400
100 DEPRECIATION	0	0	794478.300
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TOTAL INPUTS	320139.900	8474456.800	16298874.700

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TABLE II. DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	1	2	3	4	5	6	7	8
1 IRR COTTON	0.00547816	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0.01221875	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0.00996718	0	0	0	0.01471505	0
4 OTHER IRR CROP	0	0	0	0.04616949	0	0	0	0
5 DRY COTTON	0	0	0	0	0.00336489	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0.04724479	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0.05981702	0	0	0	0.05628399	0	0	0
13 AG SERVICES	0.03632390	0.01548913	0.03034996	0.00778955	0.03803787	0.05416667	0.03942652	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00546990	0.00774457	0.00635081	0.00813559	0.00361446	0.00729167	0.00501792	0.00229167
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0	0	0	0	0	0	0	0
30 CHEMICALS	0.05573398	0.08446875	0.07410017	0.04904096	0.01749742	0.03421354	0	0
31 PETRO PRODUCT	0.03119009	0.04261549	0.04614109	0.02344633	0.02554389	0.07410938	0.05470251	0.01123958
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	0	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	0	0	0	0	0
42 OTHER WARH	0	0	0	0	0	0	0	0
43 AIR TRANS	0	0	0	0	0	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	0.00157418	0.00230978	0.00183291	0.00233051	0.00120482	0.00208333	0.00143369	0.00062500
48 RADIO&TV	0	0	0	0	0	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.01046793	0.02989130	0.01653879	0.04548023	0	0	0	0
51 ELECT SERVICE	0.00554900	0.01372283	0.00882396	0.01687853	0.00103270	0.00208333	0.00143369	0.00062500
52 WATER&SAN SER	0	0	0	0	0	0	0	0
53 WHL AUTO PART	0	0	0	0	0	0	0	0
54 WHL &ROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0.00516304	0.00490196	0.00316384	0	0.00468750	0.00465950	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0	0	0	0

58 WHL FARM MACH	0.00590083	0	0	0	0.00590534	0	0	0
59 WHL PETRO PRO	0	0	0	0	0	0	0	0
60 GENERAL WHL	0	0	0	0	0	0	0	0
61 LUMBER YARDS	0	0.00013451	0	0	0	0.00008854	0	0.00017708
62 RET FARM EQUI	0.00829319	0.01212772	0.01236402	0.00459605	0.00619966	0.01613021	0.01325269	0.00219792
63 AG SUPPLIES	0.01706415	0.02695380	0.02343606	0.02654237	0.00581583	0.02270833	0.00410215	0
64 HARDWARE	0.00195396	0.00278804	0.00225703	0.00288559	0.00130981	0.00263021	0.00177957	0.01547917
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0.00853798	0.01158424	0.01009591	0.01172740	0.00610843	0.01342188	0.00885663	0.00367708
68 GAS SERV STAT	0.00958088	0.01309103	0.01417391	0.00720339	0.00784682	0.02276563	0.01680466	0.00344792
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0	0	0	0	0	0	0
72 OTHER RETAIL	0	0	0	0	0	0	0	0
73 BANK&CREDIT	0.01314404	0.02500000	0.01734910	0.05967514	0.00740103	0.02083333	0.01093190	0.01114583
74 INSURANCE	0.00920898	0.06403125	0.01070205	0.01364266	0.00629260	0.01269792	0.00829928	0.00389583
75 F.I.R.E.,NEC	0	0	0	0	0	0	0	0
76 LEGAL SERVICE	0	0	0	0	0	0	0	0
77 LODG&NG	0	0	0	0	0	0	0	0
78 PERSONAL SERV	0	0	0	0	0	0	0	0
79 ADVERTISING	0	0	0	0	0	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0.00039394	0.00054348	0.00042583	0.00057910	0.00034423	0.00052083	0.00035842	0.00010417
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0	0	0	0	0
84 MISC REP SERV	0.00543093	0.01494565	0.00920716	0.04392655	0.00034423	0.00052083	0.00035842	0.00427083
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.00767061	0.01114402	0.00889301	0.01140678	0.00526334	0.01056771	0.00701613	0.00323958
89 COLLEGE&UNIV	0.00007477	0.00010326	0.00008099	0.00011017	0.00006540	0.00009896	0.00006810	0.00002083
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0	0	0	0	0	0	0	0
92 OTHER PRO SER	0	0	0	0	0	0	0	0
93 OTHER SERVICE	0	0	0	0	0	0	0	0
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.56181329	0.36680435	0.50317008	0.37703531	0.69730637	0.41440625	0.62658065	0.85976042
96 FEDERAL GOVT	0.00464384	0.00788043	0.00754518	0.01642655	0.00327022	0.01145833	0.00896057	0.00750000
97 STATE GOVT	0.00020425	0.00028125	0.00022080	0.00030085	0.00017900	0.00027083	0.00018638	0.00005208
98 LOCAL GOVT	0.01889021	0.02746603	0.02192199	0.02809746	0.01290878	0.02604167	0.01728136	0.00803125
99 IMPORTS	0.06954509	0.08247554	0.07206607	0.03408757	0.05725473	0.09531250	0.07760932	0.04576042
100 DEPRECIATION	0.04604488	0.11902174	0.08708397	0.15932203	0.02960413	0.10364583	0.07616487	0.01645833
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS , TEXAS, 1967

	9	10	11	12	13	14	15	16
1 IRR COTTON	0	0	0	0.28544497	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0.11750099	0.02239697	0	0	0	0	0
4 OTHER IRR CROP	0.00455050	0.01180006	0.04291278	0	0	0	0	0
5 DRY COTTON	0	0	0	0.05846406	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0.02867486	0.00835957	0	0	0	0	0
8 OTHER DRY CROP	0	0.00247197	0.03192550	0	0	0	0	0
9 RANGE LVSTK	0.06393119	0.01657509	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0.11444064	0	0	0	0	0
12 GING&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0.01745838	0.00736210	0.03958762	0.03329454	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0.00022698	0.30423477	0
15 NATURAL GAS	0	0	0	0	0	0	0	0.00198113
16 OIL&GAS SERV	0	0	0	0	0	0.09600903	0.01582400	0.17981289
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00701443	0.00033595	0.01542247	0.01737088	0	0.00007099	0.05161508	0
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0.00885350	0.04652910	0.18535454	0	0	0	0	0
25 FOOD PROCESS	0.06127969	0.01812816	0.01394899	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0	0.00012294	0	0.00167052	0.00169337	0	0	0.00079481
30 CHEMICALS	0	0	0.00257369	0	0	0.00315099	0.00220881	0
31 PETRO PRODUCT	0.02086127	0.00078102	0.01191067	0.00399809	0.02598351	0.00209200	0.01422991	0.04250000
32 SOIL&ROCK PRO	0	0	0	0	0	0.00018397	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0.01586262	0.01200702	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0.00367811	0
38 OTHER MFG	0	0	0	0	0	0	0	0.00003892
39 RAIL TRANS	0	0	0	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	0.00074293	0.00147719	0	0	0.00005818
42 OTHER WARH	0.00392453	0	0.01701384	0.00327234	0	0	0	0
43 AIR TRANS	0	0	0	0.00018037	0	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0.00000859	0	0	0	0.00007901
47 TELEPHONE	0.00200888	0.00059791	0.00338901	0.00275272	0.00473946	0.00079598	0.00271814	0.00150511
48 RADIO&TV	0	0	0	0.00064846	0.00169337	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0	0.00085912	0.00054028	0.00465514	0.00038977	0.00008199	0.00045895	0.00004206
51 ELECT SERVICE	0.00200888	0.00156988	0.00329078	0.01615556	0.00194885	0.00065798	0.00100018	0.00052791
52 WATER&SAN SER	0	0	0	0.00170917	0.00025548	0	0.00615499	0.00001415
53 WHL AUTO PART	0	0	0	0	0	0	0	0
54 WHL &GROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0.01001554	0.03253397	0.06091386	0	0.03544933	0	0	0
56 WHL LIVESTOCK	0.00597558	0.00954296	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0.00584654	0.00014002	0.00138195	0.03819104

58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	0	0	0.00105213	0.01205991	0	0	0.00095794	0
60 GENERAL WHL	0	0	0	0.00329810	0.00020962	0.00048323	0.00002311	0.00881093	0
61 LUMBER YARDS	0.01253163	0	0.00908649	0.00002577	0	0	0	0	0
62 RET FARM EQUI	0.00220634	0.00019507	0.00080059	0	0.00231896	0	0	0	0
63 AG SUPPLIES	0	0	0.00084480	0	0	0	0	0	0
64 HARDWARE	0.00249834	0	0.00365915	0	0	0	0	0.00002201	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0.01365816	0.00023094	0.02288322	0.00842563	0.00019980	0.00048897	0	0.00658491	0
68 GAS SERV STAT	0.00640844	0.00020217	0.00365915	0.00055827	0.00034719	0.00064301	0	0.00826808	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0	0	0.00079876	0	0	0	0.00305582	0
72 OTHER RETAIL	0	0.00012818	0.01356097	0	0.00018670	0	0	0.00004403	0
73 BANK&CREDIT	0.03389567	0.02963412	0.01773093	0.00869188	0.00236809	0	0	0.00235299	0
74 INSURANCE	0.03241065	0.00139686	0.02219068	0.00786306	0.00186369	0	0	0.00320715	0
75 F.I.R.E.,NEC	0	0	0	0.00891090	0	0.00018498	0.00126686	0.03383215	0
76 LEGAL SERVICE	0	0	0	0.00204414	0.00034064	0.00004200	0	0.00086085	0
77 LODG&NG	0	0	0	0.00016319	0.00322624	0.00044999	0	0.00270008	0
78 PERSONAL SERV	0	0	0	0	0.00001965	0	0	0	0
79 ADVERTISING	0	0	0	0	0	0	0	0.00012500	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0.00049945	0.00052317	0	0.00188524	0.06720077	0	0	0.00078381	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0.00027484	0	0.00026803	0	0	0
84 MISC REP SERV	0.00059933	0.00011211	0.00442045	0.01716475	0	0	0	0.01247602	0
85 PHYS&DENTIST	0	0	0	0.00000859	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0.00012710	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.01765594	0.00028924	0.01673387	0	0.00057319	0.00938949	0.00174615	0.00233530	0
89 COLLEGE&UNIV	0.00009434	0.00003550	0.00015717	0	0.00031116	0.00509848	0.00111342	0.00142414	0
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0	0	0	0.00104784	0.00148047	0	0	0.00057193	0
92 OTHER PRO SER	0	0	0	0	0.00009826	0.00051299	0.00007118	0.00005503	0
93 OTHER SERVICE	0	0	0	0.00208279	0.00017359	0.00010399	0	0.00061517	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.39248946	0.06299283	0.03462689	0.36170935	0.14353982	0.36546104	0.32188165	0.37624607	0
96 FEDERAL GOVT	0.00564928	0.00153214	0.00830063	0.04273365	0.02337959	0.21128305	0.15795901	0.02390016	0
97 STATE GOVT	0.00025860	0.00009716	0.00043222	0	0.00084505	0.01390588	0.00303613	0.00388483	0
98 LOCAL GOVT	0.04377691	0.00058707	0.04122319	0	0.00024238	0.00395715	0.00010353	0.00038561	0
99 IMPORTS	0.09737292	0.59122430	0.19788899	0.02645784	0.63312251	0.02400073	0.00309205	0.19324686	0
100 DEPRECIATION	0.13002220	0.01543309	0.02781939	0.07443496	0.01055324	0.24831004	0.10607493	0.04770794	0
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS , TEXAS, 1967

	17	18	19	20	21	22	23	24
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0.00426047
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0.34181543
4 OTHER IRR CROP	0	0	0	0.00000111	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0.00113404
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0.13299265
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0.04580567	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0.32044524	0	0.00005400
11 DAIRY&POULTRY	0	0	0	0	0.00033666	0.02109729	0.23878836	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0.00000425	0	0	0
15 NATURAL GAS	0	0	0	0.00000723	0	0	0	0
16 OIL&GAS SERV	0.00098264	0.00035218	0.00021727	0.00564082	0.00113410	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&E&INST C	0	0	0	0.00209411	0.00015133	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0.00013898	0.00128798	0	0	0
21 M&REPAIR CONS	0	0	0.00105013	0.00027073	0.00074983	0.00277596	0.00278746	0.00379719
22 MEAT PRODUCTS	0	0	0	0.00001612	0	0.05875075	0	0
23 DAIRIES	0	0	0	0.00000111	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0.03037303	0	0.04919295
25 FOOD PROCESS	0	0	0	0.00000500	0	0	0	0.00221977
26 BEVERAGES	0.00004868	0.00001871	0	0.00004281	0.00007481	0	0	0
27 TEXTILE PROD	0	0	0.00001811	0.00019401	0.00036301	0	0	0.00068213
28 WOOD PRODUCTS	0.00010249	0.01036628	0	0.00116408	0.06459700	0	0	0
29 PAPER-PRINT	0.00053552	0.00051891	0.00300556	0.00020124	0.00099383	0.00004697	0.00046083	0.00102320
30 CHEMICALS	0	0	0	0.00090891	0.02081169	0	0.00069312	0
31 PETRO PRODUCT	0.00787010	0.00537965	0.00590248	0.02934872	0.02059235	0.00001503	0.01050541	0.00717942
32 SOIL&ROCK PRO	0.04044845	0.02793945	0.02379099	0.06499701	0.01919810	0	0	0
33 METAL PRODUCT	0.02554356	0.02691354	0.00537741	0.06947320	0.07366216	0	0	0
34 PLUMB&REL PRO	0	0	0.00260723	0.00529782	0.00271538	0	0	0
35 MACHINERY	0.00701942	0.00441328	0.02424363	0.01472495	0.00565180	0	0	0
36 ELECTRONIC EQ	0	0	0	0.04565301	0.00734870	0	0	0
37 TRANS EQUIP	0.00033694	0.00012080	0.00007242	0.00080885	0.00137894	0	0	0
38 OTHER MFG	0	0	0	0.00023015	0.00008587	0	0	0
39 RAIL TRANS	0	0	0	0.00004614	0.00007821	0	0	0.02895927
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0.00239959	0.00404749	0.00054317	0.00008505	0.00280380	0.00597559	0.01408715	0.00719079
42 OTHER WARH	0	0	0	0.00151986	0.00060191	0.00068765	0	0
43 AIR TRANS	0.00040741	0.00042704	0.00233564	0.00064819	0.00021934	0	0	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0.00000500	0	0	0	0
47 TELEPHONE	0.00517328	0.00371063	0.00237186	0.00193290	0.00354513	0.00086989	0.00118017	0.00380003
48 RADIO&TV	0.00017424	0.00031985	0.00001811	0.00001279	0	0	0	0
49 OTHER COMMUN	0	0	0	0.00002112	0.00008161	0	0	0
50 GAS SERVICE	0.00029723	0.00022117	0.00050696	0.00015677	0.00051774	0.00005918	0.00096662	0.00092372
51 ELECT SERVICE	0.00107232	0.00082175	0.00124930	0.00071490	0.00145376	0.00129075	0.00271627	0.01030301
52 WATER&SAN SER	0.00014861	0.00010718	0.00032590	0.00019401	0.00053815	0.00179427	0.00106778	0.00106299
53 WHL AUTO PART	0	0	0	0.00011174	0	0	0.00091417	0
54 WHL &GROCERIES	0	0	0	0	0	0.03988832	0.00198194	0
55 WHL FARM PROD	0	0	0	0	0	0	0.03194710	0.07187947
56 WHL LIVESTOCK	0	0	0	0	0	0.00074683	0	0
57 WHL &NDUST MA	0.00074563	0.00065332	0.00021727	0.00349112	0.00003911	0	0	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0.00219333	0.00136107	0.00027159	0.00001279	0.00001785	0	0.00350305	0.00324012
60 GENERAL WHL	0.02145669	0.04214567	0.02143724	0.00024794	0.00236767	0.00102865	0.00074182	0.00070203
61 LUMBER YARDS	0	0	0	0.00001723	0	0	0	0
62 RET FARM EQUI	0.00012683	0.00004594	0.00003621	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0.00000094	0	0
64 HARDWARE	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0.00000389	0	0	0	0
67 AUTO DEAL&REP	0.00113254	0.00103442	0.00063370	0.00151096	0.00156513	0	0.00133378	0.00192418
68 GAS SERV STAT	0.00064186	0.00056144	0.00155710	0.00374016	0.00336405	0.00000470	0	0.00029275
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0.00104157	0.00066693	0.00059749	0.00072213	0.00128118	0	0	0.00228514
72 OTHER RETAIL	0	0	0.00019916	0.00055313	0.00104484	0	0	0.00006821
73 BANK&CREDIT	0.01035938	0.00473484	0.00181058	0.00429885	0.00330029	0.00004603	0	0.00298432
74 INSURANCE	0.00661970	0.01255081	0.00074234	0.00876226	0.00901840	0.00061344	0.00112772	0.00099477
75 F.I.R.E.,NEC	0.00855167	0.00234275	0.01812388	0.00771714	0.00460442	0	0	0.00048318
76 LEGAL SERVICE	0.00082250	0.00100890	0.00032590	0.00038914	0.00148861	0.00003288	0.00015361	0.00057413
77 LODG&NG	0.00133240	0.00101740	0.00021727	0.00042416	0.00078384	0	0	0.00198955
78 PERSONAL SERV	0	0	0	0.00001501	0.00021339	0.00032691	0.00086171	0
79 ADVERTISING	0.00039844	0.00048318	0.00001811	0.00031075	0.00179807	0.00007703	0.00204189	0.00142395
80 RES&DEVELOPE	0	0	0	0.00041804	0.00026270	0	0	0
81 OTHER BUS SER	0.00102364	0.00142743	0.01392334	0.00598326	0.01377839	0	0	0.01335838
82 MOTION PIC&RE	0.00006662	0.00009868	0	0	0	0	0	0.00004263
83 AUTO RENT&PAR	0.00160272	0.00102251	0.00028969	0.00496872	0.00010117	0	0	0.00159448
84 MISC REP SERV	0.00001409	0.00076220	0.01765313	0.00000723	0.00025930	0.00003664	0.00128508	0.00864032
85 PHYSE&DENTIST	0	0	0	0.00000111	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0.00084265	0.00024353	0
87 OTHER MEDICAL	0	0	0	0	0	0.00132269	0	0
88 EL&SEC SCHOOL	0.00127218	0.00110077	0.00126740	0.00155933	0.00221889	0.00042180	0.00196321	0.00189860
89 COLLEGE&UNIV	0.00042790	0.00033176	0.00052507	0.00027629	0.00091986	0.00024988	0.00093290	0.00090607
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0.00116713	0.00096806	0.00056128	0.00167996	0.00206417	0.00003664	0.00046083	0.00007106
92 OTHER PRO SER	0.00011658	0	0	0.00011396	0.00011392	0	0	0.00090382
93 OTHER SERVICE	0.00100955	0.00107355	0.00043454	0.00059983	0.00123782	0.00158666	0.00029598	0.00037233
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.34297783	0.27935880	0.24587641	0.35822569	0.41501298	0.04694518	0.15569668	0.14628282
96 FEDERAL GOVT	0.03605283	0.02746818	0.02636201	0.05070678	0.01843127	0.00381307	0.01048668	0.05235065
97 STATE GOVT	0.00116585	0.00090682	0.00141225	0.00075326	0.00250794	0.00068201	0.00254018	0.00262336
98 LOCAL GOVT	0.00154379	0.00148187	0.00117688	0.00284070	0.00202846	0.00009770	0.00133753	0.00106583
99 IMPORTS	0.44967452	0.51878368	0.55792942	0.27996856	0.25590727	0.37826692	0.43551384	0.06591651
100 DEPRECIATION	0.01390175	0.01093113	0.01276457	0.01301219	0.02329158	0.03294514	0.07138361	0.01848573
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	25	26	27	28	29	30	31	32
1 IRR COTTON	0.44731951	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0.15270999	0	0	0	0	0	0	0
5 DRY COTTON	0.09161975	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0.19539148	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0.39979931	0	0
15 NATURAL GAS	0	0	0	0	0	0.10291490	0.00501702	0
16 OIL&GAS SERV	0	0	0	0	0	0.03755790	0.02919802	0.02219155
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00056506	0.00013789	0	0.00106449	0.00033355	0.05438794	0.00000200	0.00131028
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0.00391669	0.00220625	0	0	0	0	0	0
26 BEVERAGES	0	0.00896287	0	0	0	0	0	0
27 TEXTILE PROD	0.00250565	0	0.27112779	0.00456979	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0.00337627	0	0.00004103	0	0
29 PAPER-PRINT	0.00063072	0.00000951	0.00136308	0.00307520	0.00638976	0.00028811	0.00132595	0.00000665
30 CHEMICALS	0.00415671	0.00012363	0.00023935	0.00004301	0.00033355	0.09393002	0.01080702	0
31 PETRO PRODUCT	0.00120654	0.00776941	0.02123327	0.00282790	0.00205362	0.02886411	0.11435886	0.11188560
32 SOIL&ROCK PRO	0	0	0	0	0	0.00001808	0.00006011	0.01070835
33 METAL PRODUCT	0	0	0	0	0.00019948	0.00056407	0.00015504	0.00001995
34 PLUMB&REL PRO	0	0	0	0	0	0.00004002	0	0
35 MACHINERY	0	0.00063239	0	0	0.00030412	0.00656496	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0.00020808	0	0
37 TRANS EQUIP	0	0	0	0	0.00006867	0	0	0
38 OTHER MFG	0	0	0	0	0	0.00002193	0.00000111	0
39 RAIL TRANS	0	0	0	0	0.00331587	0.01068213	0.01295099	0
40 INTERCI RU HI	0	0.00025676	0	0	0.00001635	0	0	0
41 MOTOR FREIGHT	0.00242708	0.00062288	0.00298580	0.03423582	0.00127861	0.00184606	0.00427796	0.02710675
42 OTHER WARH	0.00006781	0	0	0	0.00142903	0	0	0
43 AIR TRANS	0.00003767	0	0.00030426	0	0.00062786	0.00044610	0.00108108	0
44 PIPELINE TRN	0	0	0	0	0	0.00401995	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0.00080002	0.00000111	0
47 TELEPHONE	0.00095576	0.00157861	0.00986613	0.01444055	0.00582076	0.00132793	0.00131797	0.00303625
48 RADIO&TV	0.00281347	0.00626688	0	0	0.00000981	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.00485631	0.00208262	0.00382961	0.00093546	0.00138652	0.01763895	0.02462195	0.00057865
51 ELECT SERVICE	0.01234096	0.00419377	0.00412170	0.00298918	0.00844337	0.04783988	0.00857500	0.00071167
52 WATER&SAN SER	0.00021849	0.00139317	0.00262475	0.00092471	0.00098757	0.00502805	0.00120108	0.00042567
53 WHL AUTO PART	0.00000431	0.00251531	0	0	0	0	0.00010403	0.00054872
54 WHL &GROCERIES	0.00118717	0	0	0	0	0.00002994	0	0
55 WHL FARM PROD	0.00008503	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0.00432892	0	0	0.00004301	0	0.00011412	0.00002395	0



58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0.00009687	0.00296227	0.00027181	0	0	0	0	0.00070835	
60 GENERAL WHL	0.00022387	0.00053730	0.00142394	0.00880626	0.02076180	0.01103931	0.00118444	0.01511806	
61 LUMBER YARDS	0	0	0	0.00011828	0	0.00000889	0.00002906	0	
62 RET FARM EQUI	0	0	0	0	0	0	0	0	
63 AG SUPPLIES	0	0	0	0.00001075	0	0	0	0	
64 HARDWARE	0.00000323	0	0	0.00004301	0	0.00007114	0.00001397	0	
65 DEPT&VARIETY	0	0	0	0	0	0.00000504	0	0	
66 FOOD	0	0	0.00003651	0.00001075	0	0	0	0	
67 AUTO DEAL&REP	0.00042514	0	0.02264503	0.00047311	0.00004905	0.00002786	0.00002196	0.00170602	
68 GAS SERV STAT	0.00030460	0.00003328	0.00251521	0.00087095	0.00062459	0.00001986	0.00002506	0.00052544	
69 APPAREL&ACCES	0.00001830	0	0	0	0	0.00002401	0	0	
70 FURN&HOME FUR	0	0	0	0.00004301	0	0	0	0	
71 EAT&DRINK	0.00001399	0.00006657	0	0	0	0.00004505	0.00000311	0.00001663	
72 OTHER RETAIL	0.00001830	0	0.00050710	0	0.00041203	0.00000800	0.00000200	0.00010974	
73 BANK&CREDIT	0.02402430	0.00281011	0.03528600	0.00187093	0.00097449	0.00016807	0	0.00285999	
74 INSURANCE	0.00548810	0.00013789	0.01190264	0.00038709	0.00674293	0.00327714	0.00131597	0.00354174	
75 F.I.R.E.,NEC	0.00287697	0.00278634	0	0.00116127	0.00053956	0.00002608	0.00000111	0.00044230	
76 LEGAL SERVICE	0.00049295	0.00008559	0.00130629	0	0.00145519	0.00000385	0.00019807	0.00021616	
77 LODG&NG	0.00020450	0	0	0.00365584	0	0.00006195	0.00000399	0.00003991	
78 PERSONAL SERV	0.00009149	0	0.00015010	0.00036558	0.00003924	0	0.00006011	0.00014965	
79 ADVERTISING	0.00048649	0.00919586	0	0.00177416	0.00304772	0	0.00071200	0.00588959	
80 RES&DEVELOPE	0	0	0	0	0	0.00962305	0.00039592	0	
81 OTHER BUS SER	0.00237326	0.00024725	0.00068154	0.00302144	0.00555261	0.00030293	0.00127804	0.00225806	
82 MOTION PIC&RE	0.00026370	0	0.00075862	0.00174190	0.0006213	0.00014910	0	0.00029598	
83 AUTO RENT&PAR	0	0	0.00035294	0.00030107	0.00003924	0.00003201	0.00133904	0.00043565	
84 MISC REP SERV	0.00051125	0	0.01420690	0.00023655	0.00165794	0.00000385	0.00001708	0	
85 PHYS&DENTIST	0.00004951	0	0	0	0	0	0	0	
86 HOSPITAL&LAB	0	0	0	0	0	0	0.00001708	0	
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	
88 EL&SEC SCHOOL	0.00185663	0.00370402	0.00184990	0.00273112	0.00273380	0.00234137	0.00343776	0.00319920	
89 COLLEGE&UNIV	0.00019912	0.00099852	0.00119270	0.00080643	0.00092871	0.00072147	0.00207920	0.00154307	
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	
91 ACCT&AUD&BOOK	0.00086428	0.00067043	0.00385396	0.00166663	0.00185414	0.00045203	0.00009604	0.00115730	
92 OTHER PRO SER	0.00016898	0	0	0	0	0.00072206	0.00000510	0.00005986	
93 OTHER SERVICE	0.00202669	0.00041843	0.00132657	0.00041935	0.00084695	0.00050894	0.00066409	0.00522780	
94 ORDNANCE	0	0	0	0	0	0	0	0	
95 HOUSEHOLDS	0.12014410	0.38364430	0.20671400	0.16014709	0.52882584	0.15155183	0.23005964	0.32773196	
96 FEDERAL GOVT	0.00661500	0.05883640	0.00900203	0.04509580	0.13979961	0.04807108	0.02310990	0.05386099	
97 STATE GOVT	0.00054354	0.00271977	0.00325761	0.00220425	0.00253105	0.00194595	0.00567112	0.00420685	
98 LOCAL GOVT	0.00387794	0.00544905	0.00006085	0.00373110	0.00327990	0.00312212	0.00063503	0.00209179	
99 IMPORTS	0.06927772	0.44447773	0.13066937	0.67858756	0.21576379	0.22252763	0.06960053	0.33601264	
100 DEPRECIATION	0.02250563	0.04146696	0.03694118	0.01119331	0.02847921	0.12800507	0.04310300	0.05206518	
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	33	34	35	36	37	38	39	40
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0.00000297	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00038873	0	0.00014546	0	0.00005142	0	0.08893850	0.00215662
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0.00165854	0
26 BEVERAGES	0	0	0.00005047	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0.00000445	0	0.00157696	0	0	0
29 PAPER-PRINT	0.00062699	0	0.00070057	0.01603821	0.00085704	0.00841666	0.00137901	0
30 CHEMICALS	0	0	0.00252028	0	0	0	0	0
31 PETRO PRODUCT	0.00062490	0.00041379	0.00614634	0.00111429	0.04845732	0.01453133	0.02819883	0.02121022
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0.00006281
33 METAL PRODUCT	0.00001881	0	0.00730555	0.00587978	0.08668152	0	0.02469913	0
34 PLUMB&REL PRO	0.00001254	0	0	0	0	0	0	0
35 MACHINERY	0	0	0.00147239	0	0	0	0.00220268	0
36 ELECTRONIC EQ	0	0	0.00136849	0.05400523	0	0	0.00320153	0
37 TRANS EQUIP	0	0	0.00031466	0	0	0	0.00385004	0
38 OTHER MFG	0.00002508	0	0.00029685	0	0	0.01841594	0	0
39 RAIL TRANS	0.06161177	0	0.00077627	0	0.00155982	0	0.04628991	0
40 INTERCI RU HI	0.00012331	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0.00122889	0.00482759	0.00393776	0.00089251	0.00627357	0.00417236	0.00755845	0
42 OTHER WARH	0.00010450	0	0.00010538	0	0.00068564	0	0	0
43 AIR TRANS	0.00004389	0	0	0	0.00003428	0	0.00256048	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0.00094275	0	0	0
46 OTHER TRN SER	0.00000836	0	0	0	0	0	0.00141255	0
47 TELEPHONE	0.00276919	0.00517241	0.00312289	0.00702111	0.00286253	0.01007122	0	0.00207286
48 RADIO&TV	0.00030931	0	0.00009648	0	0	0	0.01042082	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.03573608	0.00275862	0.00288096	0.00140098	0.00027425	0.00338105	0.00118893	0.00228224
51 ELECT SERVICE	0.00686131	0.00758621	0.00951562	0.00392165	0.00359959	0.00208618	0.00250830	0.00617672
52 WATER&SAN SER	0.00028214	0.00068966	0.00029537	0.00056255	0.00147412	0.00129487	0.00322017	0.00104690
53 WHL AUTO PART	0.00005643	0	0.00062191	0	0	0	0.00143864	0.02617253
54 WHL &ROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0.00000836	0	0.00109093	0.00038946	0.00065135	0	0	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0.00000627	0	0.00155848	0	0.02286596	0	0	0.01233250	0
60 GENERAL WHL	0.00223416	0.01565517	0.00655006	0.00201762	0.00682208	0.00035969	0.01241106	0.00280570	0
61 LUMBER YARDS	0.00000418	0	0.00000445	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0.00000148	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0.00001039	0	0	0	0	0	0
64 HARDWARE	0.00006061	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0.00007524	0.00006897	0.00140115	0.00570127	0	0.00165456	0	0	0
68 GAS SERV STAT	0.00018392	0.00048276	0.00074362	0.00012441	0.00035996	0.00316524	0	0	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	0.00011077	0	0.00003117	0.00011359	0.00008570	0	0	0	0
72 OTHER RETAIL	0.00011286	0	0.00022858	0	0	0	0	0	0
73 BANK&CREDIT	0.00254138	0	0.00082228	0.00356465	0.00011999	0	0.00423020	0	0
74 INSURANCE	0.00291548	0.01779310	0.00106867	0.00474926	0.00586219	0	0.00139019	0.0575863	0
75 F.I.R.E.,NEC	0.00005852	0.00117241	0.00003711	0.00017850	0.00097703	0.00165456	0.02125907	0	0
76 LEGAL SERVICE	0.00097392	0.00420690	0.00028646	0.00356465	0.00154268	0	0	0.00483668	0
77 LODGENG	0.00028214	0	0.00027162	0.00011359	0	0	0	0	0
78 PERSONAL SERV	0.00005225	0.00020690	0.00009945	0.00609614	0.00114844	0	0.00825913	0	0
79 ADVERTISING	0.00010659	0.00524138	0.00146942	0	0	0.00083486	0.01231156	0	0
80 RES&DEVELOPE	0.00009196	0	0.00038146	0	0	0	0	0	0
81 OTHER BUS SER	0	0	0.00122452	0	0.00181694	0	0.00623162	0	0
82 MOTION PIC&RE	0.00017347	0	0	0	0	0.00841666	0	0	0
83 AUTO RENT&PAR	0	0	0.00057886	0	0	0	0	0	0
84 MISC REP SERV	0.00018601	0	0.01158024	0.00677229	0.01028454	0.00165456	0	0	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0.00055172	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.00163016	0.00048276	0.00301603	0.00113593	0.00212547	0.02417092	0.00592228	0.00590452	0
89 COLLEGE&UNIV	0.00039709	0.00034483	0.00155106	0.00047601	0.00068564	0.01539458	0.00033171	0.00301508	0
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	0
91 ACCT&AUDE&BOOK	0.00040545	0.00027586	0.00040966	0.00177962	0.00080562	0.00676210	0	0.00349665	0
92 OTHER PRO SER	0.00001463	0	0.00001930	0.00017850	0	0	0	0	0
93 OTHER SERVICE	0.00024243	0.00041379	0.00047348	0	0.00414810	0	0	0	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.28679151	0.64668966	0.40681931	0.14323501	0.20416524	0.46737645	0.54640359	0.56943049	0
96 FEDERAL GOVT	0.03971117	0.02193103	0.09419890	0.01417204	0.01638670	0.00467592	0.06000171	0.05469012	0
97 STATE GOVT	0.00108468	0.00089655	0.00422867	0.00129279	0.00186836	0.04208330	0.00090940	0.00824958	0
98 LOCAL GOVT	0.00255183	0	0.00160449	0.00102233	0.00269112	0.00136681	0.01353663	0.00320352	0
99 IMPORTS	0.53439224	0.21413793	0.39218445	0.69526859	0.54283510	0.35803180	0.01245206	0.09951843	0
100 DEPRECIATION	0.01176852	0.04800000	0.02437312	0.01721741	0.01642098	0.00086325	0.07509998	0.10146566	0
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	41	42	43	44	45	46	47	48
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0.01826677	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00567004	0.02488772	0.00170555	0.03306383	0	0	0	0.00729931
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0.00003743	0	0	0	0	0	0
29 PAPER-PRINT	0	0	0	0.00963106	0	0.00172745	0.00456429	0
30 CHEMICALS	0	0	0	0.00006117	0	0	0	0
31 PETRO PRODUCT	0.04129673	0	0.11635448	0.01806477	0.11285574	0	0	0.00509709
32 SOIL&ROCK PRO	0.00008447	0	0	0.00626395	0.00005165	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0.01903271	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0.01489073	0	0	0	0
37 TRANS EQUIP	0	0	0	0.00012171	0	0	0	0
38 OTHER MFG	0	0	0	0.00216976	0	0	0	0
39 RAIL TRANS	0	0	0	0	0	0.00104864	0.00240350	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	0	0	0.00113844	0.00014800	0
42 OTHER WARH	0	0	0	0	0	0	0	0
43 AIR TRANS	0	0	0	0	0	0	0.00123727	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0.00011871	0	0
47 TELEPHONE	0.05073021	0.01380988	0.00847819	0.00060983	0.00955529	0.00950317	0	0.01738101
48 RADIO&TV	0	0	0	0	0	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.01140947	0.00209581	0.00021815	0.01153701	0.00191106	0.00116706	0.00101820	0.00060384
51 ELECT SERVICE	0.01288015	0.05527695	0.00044622	0.02104826	0.00934869	0.00183394	0.00828718	0.01094009
52 WATER&SAN SER	0.00079945	0.00101048	0.00006941	0	0.00154951	0	0.00098624	0.00086431
53 WHL AUTO PART	0.03200354	0.00276946	0	0	0.01673467	0.03051017	0	0
54 WHL GROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0	0	0	0.00274686

58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRD	0.02400906	0	0.06764703	0	0.06559579	0	0	0
60 GENERAL WHL	0.01928176	0.00101048	0.00415481	0.00089913	0.00655958	0	0	0.00349870
61 LUMBER YARDS	0	0	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0	0	0	0	0	0	0.00033744
68 GAS SERV STAT	0	0	0	0	0	0	0	0.00156287
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0	0	0	0	0	0	0
72 OTHER RETAIL	0	0	0	0	0	0	0	0.00007696
73 BANK&CREDIT	0	0	0	0	0	0	0	0.00009472
74 INSURANCE	0.03639446	0.02080838	0.01391216	0.00063723	0.03847942	0.05568523	0.00003957	0
75 F.I.R.E.,NEC	0	0	0	0	0	0	0.01366433	0.00845371
76 LEGAL SERVICE	0.01415022	0.00464072	0	0.00065125	0.01554672	0.00916972	0	0.00133791
77 LODG&NG	0	0	0	0	0	0	0	0.00090575
78 PERSONAL SERV	0	0	0	0	0	0	0	0
79 ADVERTISING	0.01073673	0	0.00767499	0	0.00924539	0.00250083	0.00257062	0.02591167
80 RES&DEVELDPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0	0	0	0	0	0.20073358	0	0.00850107
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0	0.01477196	0	0	0.00275278
84 MISC REP SERV	0	0	0	0	0	0	0	0.00117807
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.01232657	0.01044162	0.00053546	0.01351697	0.00201436	0.00566856	0.01996076	0.00417949
89 COLLEGE&UNIV	0.00711659	0.00153443	0.00020824	0.00297713	0.00020660	0.00116706	0.00464508	0.00083471
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0.01057986	0.00217066	0	0	0.00335726	0.00033344	0	0.00147407
92 OTHER PRO SER	0	0	0	0	0	0	0	0.00183519
93 OTHER SERVICE	0	0.00800898	0	0	0	0.00183394	0	0.00352830
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.39420144	0.71691617	0.66650471	0.37888470	0.47559527	0.49583194	0.31000139	0.40018352
96 FEDERAL GOVT	0.03116940	0.04861527	0.04193481	0.12298110	0.01213780	0.05768590	0.18263299	0.06372839
97 STATE GOVT	0.01940847	0.00415419	0.00055530	0.00811892	0.00051650	0.00300100	0.01266896	0.00226735
98 LOCAL GOVT	0.00357790	0.02020958	0.00056521	0.02239791	0.00433862	0.00983661	0.03211986	0.00725787
99 IMPORTS	0.20081363	0.02690868	0.06534652	0.08053282	0.11507670	0.10020007	0.24479217	0.21367511
100 DEPRECIATION	0.06135984	0.03469311	0.00368876	0.21364139	0.08455142	0.01333778	0.16257939	0.19313876
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	49	50	51	52	53	54	55	56
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0.00004629	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GING&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0.01065891	0
14 CRUDE PETRO	0	0.83040043	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&E&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0	0.00046888	0.00158571	0.04929130	0.00286652	0	0.01929907	0.01878658
22 MEAT PRODUCTS	0	0	0	0	0.00254251	0	0	0
23 DAIRIES	0	0	0	0	0.00014878	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0.00050586	0	0.00006280	0
26 BEVERAGES	0	0	0	0	0.00045626	0	0	0
27 TEXTILE PROD	0	0.00003097	0.00012016	0.00065187	0	0	0	0
28 WOOD PRODUCTS	0	0	0.00000532	0.00030086	0	0	0	0
29 PAPER-PRINT	0	0.00013114	0.00128910	0.00147088	0.00019838	0.03786078	0.00116287	0.02863616
30 CHEMICALS	0	0.00000494	0.00001065	0.01460019	0	0	0	0
31 PETRO PRODUCT	0.00178174	0.00024284	0.00107539	0.00612172	0.00409976	0.02159091	0.01070775	0.01123419
32 SOIL&ROCK PRO	0	0	0.00004487	0.00990757	0	0	0	0
33 METAL PRODUCT	0	0	0.00000684	0.00282894	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0.00003343	0	0	0	0
35 MACHINERY	0	0	0	0.00030504	0	0	0	0
36 ELECTRONIC EQ	0	0.00000297	0.00005628	0.00137895	0	0	0.00331419	0
37 TRANS EQUIP	0	0.00000198	0.00000532	0	0	0	0	0
38 OTHER MFG	0	0	0.00000076	0.00014207	0	0	0	0
39 RAIL TRANS	0	0.00007908	0.00237818	0	0	0	0.01957350	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0.00122494	0.00019704	0.00105714	0	0.02877103	0.01392626	0.02754850	0
42 OTHER WARH	0	0.00004910	0.00026314	0	0	0	0.00118846	0
43 AIR TRANS	0	0	0.00000532	0	0	0.00623992	0.00096751	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0.00004639	0	0	0	0.00545156	0
47 TELEPHONE	0.00723831	0.00065901	0.00271652	0.00249047	0.01499387	0.00739601	0.00721447	0.01107685
48 RADIO&TV	0	0.00014795	0.00195609	0	0	0.00696276	0.00089076	0.03272704
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.00044543	0.01446088	0.14912957	0	0.00230446	0.00278510	0.00314906	0.00213985
51 ELECT SERVICE	0.02728285	0.00025899	0	0.06280086	0.00286652	0.01349899	0.00563994	0.01205236
52 WATER&SAN SER	0.00044543	0.00006689	0.00228312	0.08297954	0.00054553	0.00825878	0.00021862	0
53 WHL AUTO PART	0	0.00000198	0.00036429	0	0	0	0.00044654	0
54 WHL GROCERIES	0	0	0	0	0	0	0.00004651	0
55 WHL FARM PROD	0	0	0	0	0	0	0.00169780	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL ENDUST MA	0	0.00000494	0.00078259	0.01696948	0.00124315	0	0.00329326	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	0.00005008	0.00044415	0.00209350	0	0	0.00019536	0
60 GENERAL WHL	0.00055679	0.00066691	0.00247781	0.01432022	0.00035708	0.00679813	0.00316302	0.00198250
61 LUMBER YARDS	0	0	0.00002586	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0.00000198	0.00018481	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0.00002791	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0.00062408	0.00982911	0	0	0.03014675	0.00067679	0.00258040
68 GAS SERV STAT	0.00055679	0.00019704	0.00057040	0	0.00139855	0.00663202	0.00090239	0.00346151
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0.00233853	0	0	0	0.00523050	0	0.00043492	0.00009440
72 OTHER RETAIL	0	0	0	0	0.00270452	0	0.00018606	0
73 BANK&CREDIT	0.02093541	0.00098884	0.00369923	0	0.02982242	0.00344209	0.03814228	0.09720561
74 INSURANCE	0	0.00016805	0.00100162	0.00506870	0.00735972	0.01717979	0.00363747	0.02961168
75 F.I.R.E.,NEC	0.15189310	0.00244590	0.00549104	0	0	0	0.00297696	0
76 LEGAL SERVICE	0.00456570	0.00098686	0.00189753	0	0.00575288	0.00064203	0.00371655	0.00018881
77 LODG&NG	0	0	0	0	0.01982100	0	0.00062795	0
78 PERSONAL SERV	0	0	0	0	0.00001653	0	0	0
79 ADVERTISING	0	0.00003196	0.00013842	0	0.00489987	0	0.00000698	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0.01503341	0.00073710	0.00103204	0	0.00248630	0.03499487	0.02482970	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0.00000692	0.00003194	0	0	0	0.00259554	0
84 MISC REP SERV	0.00055679	0.00086396	0.00105714	0	0.00170603	0.01920913	0.00164896	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.00868597	0.00406540	0.01824743	0	0.00257184	0.00277694	0.00490906	0.00490906
89 COLLEGE&UNIV	0.00044543	0.00077137	0.00384373	0	0.00048189	0.00046515	0.00280068	0.00280068
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUDE&BOOK	0.00846325	0.00074006	0	0	0.00208920	0.00081169	0.00176223	0.00176223
92 OTHER PRO SER	0.00311804	0	0	0	0	0.00007210	0	0
93 OTHER SERVICE	0	0.00007414	0.00024337	0	0.00116050	0.00594884	0.00188618	0.00044056
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.35278396	0.07189614	0.46078548	0.30053654	0.80377376	0.49447245	0.26657503	0.68292529
96 FEDERAL GOVT	0.11258352	0.01455709	0.13135291	0.00740874	0.02898594	0.01816976	0.09287646	0.03197180
97 STATE GOVT	0.00111359	0.00210420	0.01048317	0	0	0.00131548	0.00126521	0.00764680
98 LOCAL GOVT	0.02004454	0.00721083	0.03090572	0	0	0.00458397	0.00516316	0.00151048
99 IMPORTS	0.01436526	0.02058303	0.02221817	0.14332336	0.01612791	0.17625240	0.37669692	0.01425515
100 DEPRECIATION	0.24354120	0.02301806	0.12885608	0.27497576	0.00680758	0.05654995	0.04511023	0
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	57	58	59	60	61	62	63	64
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0.00058801	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00422037	0.04396937	0.02541055	0.00677025	0	0.01413272	0.02315364	0
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0.00004775	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0.00011474	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0.00123541	0	0.01108596	0.00801170	0.03250587	0.00949194	0.00430664	0.02034047
30 CHEMICALS	0	0	0	0	0	0	0	0
31 PETRO PRODUCT	0.02782489	0.01926317	0	0.03452272	0.01819291	0.04690508	0.00888517	0.02305141
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	0	0	0	0	0	0
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0.01336354	0.09709268	0.00184192	0.01713055	0.06156002	0.03657168	0.01459473	0.04347606
42 OTHER WARH	0	0	0	0.00000895	0	0	0	0
43 AIR TRANS	0.00640152	0	0	0.00921335	0.00595617	0	0.00159868	0.00042095
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	0.02068328	0.01104877	0.01629752	0.01575879	0.01419618	0.01113661	0.00713423	0.01104582
48 RADIO&TV	0.00123541	0	0.00739212	0.00141851	0	0.00774527	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.00085305	0.00110750	0.00244368	0.00137375	0.00216706	0.00061835	0.00181075	0.00292984
51 ELECT SERVICE	0.00492859	0.00552701	0.01221953	0.00571682	0.01140625	0.00501052	0.00992920	0.01165199
52 WATER&SAN SER	0.00035339	0.00073483	0.00163319	0.00078088	0.00096025	0.00036336	0.00139748	0.00175117
53 WHL AUTO PART	0	0	0.06263982	0	0	0	0	0
54 WHL &ROCERIES	0	0	0	0	0	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0.07505131	0	0	0.00017905	0	0	0	0



58 WHL FARM MACH	0	0	0	0	0	0.14075349	0.01482311	0
59 WHL PETRO PRO	0.00385250	0	0	0.00754019	0.00570961	0.01551603	0	0
60 GENERAL WHL	0.00427106	0.00419906	0.00012324	0.01422390	0.00084347	0.00450054	0.00856434	0.08868646
61 LUMBER YARDS	0	0	0	0	0.06536211	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0	0.00006735
65 DEPT&VARIETY	0	0	0	0	0.00111597	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0.00293862	0.00074008	0.00690360	0.01080594	0.00046715	0.00717154	0.01794978	0.01973429
68 GAS SERV STAT	0.00812211	0.00591542	0	0.00339905	0.00197241	0.00464716	0.00272971	0.00400748
69 APPAREL&ACCES	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0.00087558
71 EAT&DRINK	0	0	0.00140892	0.00315733	0.00306243	0.00492127	0.00065796	0.00159962
72 OTHER RETAIL	0	0	0.00287780	0	0.00306243	0	0	0
73 BANK&CREDIT	0.01383568	0.00890200	0.04981409	0.01134908	0.00327005	0.00983617	0.03605725	0
74 INSURANCE	0.01267269	0.01365743	0.03107288	0.00922131	0.01592204	0.00781539	0.02734609	0.01539006
75 F.I.R.E.,NEC	0	0	0	0.00139464	0	0	0	0
76 LEGAL SERVICE	0.00132086	0	0.00079828	0.00439480	0.00250444	0.00047173	0.00231645	0
77 LODG&NG	0.01157488	0.00968407	0	0.00451118	0.00037632	0.00144706	0	0.00008419
78 PERSONAL SERV	0	0	0	0.00047847	0.00019465	0	0	0
79 ADVERTISING	0.00480693	0	0	0	0.00289374	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0.00151783	0	0	0.00014722	0	0.00508064	0.02330589	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0.00414071	0	0.00661383	0	0	0	0	0
84 MISC REP SERV	0	0	0	0.00162144	0.01369010	0	0	0
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.00561799	0.00644030	0.00639732	0.00556959	0.00844763	0.00301524	0.00475253	0.00292984
89 COLLEGE&UNIV	0.00082843	0.00055637	0.00091152	0.00073910	0.00045417	0.00065022	0.00077215	0.00053882
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0.00393360	0	0.00466421	0.00205216	0.00385399	0.00281762	0.00966276	0
92 OTHER PRO SER	0	0	0	0.00002188	0	0	0	0
93 OTHER SERVICE	0.00306172	0	0.00129567	0.00306382	0.00759119	0.00467266	0	0.00794760
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.61118441	0.65847501	0.59381540	0.63803915	0.27979705	0.48913113	0.55244641	0.66057687
96 FEDERAL GOVT	0.06114466	0.06390964	0.01240606	0.08370603	0.02073628	0.05095302	0.03173973	0.03052754
97 STATE GOVT	0.00226081	0.00152216	0.00248698	0.00201635	0.00123276	0.00177854	0.00210438	0.00148176
98 LOCAL GOVT	0.01087100	0.01396186	0.01250265	0.01109343	0.01938674	0.00504239	0.00892323	0.00523666
99 IMPOPTS	0.05011145	0.02199256	0.06163615	0.04380471	0.35081686	0.06231912	0.09045579	0.01830305
100 DEPRECIATION	0.02519331	0.01130071	0.06330709	0.03671614	0.04029171	0.04536878	0.09258192	0.02734513
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	65	66	67	68	69	70	71	72
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GING&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0.00193504	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&E&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00214294	0.00134077	0.00389868	0.01015193	0.00744527	0.00205746	0.00771494	0.00088393
22 MEAT PRODUCTS	0	0	0	0	0	0	0	0
23 DAIRIES	0	0	0	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0	0	0	0	0	0
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0.00884175	0.01685202	0.00800967	0	0.03211554	0.02989351	0.00323625	0.02556861
30 CHEMICALS	0	0	0	0	0	0	0	0
31 PETRO PRODUCT	0	0.00186834	0.00711263	0.00406472	0.00096610	0.00715692	0.00501958	0.01096296
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0.00096870	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	0.00096604	0	0	0	0	0
40 INTERCI RU HI	0	0	0.00033705	0	0	0	0	0
41 MOTOR FREIGHT	0.01529757	0.00010753	0.00254117	0	0.01751187	0.00171187	0.00698848	0.07022365
42 OTHER WARH	0	0	0	0	0	0	0	0.00583942
43 AIR TRANS	0	0	0.00074842	0	0.00259166	0	0.00090524	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0	0	0	0	0	0	0
47 TELEPHONE	0.00190095	0.00153063	0.01414166	0.00286590	0.00837840	0.01390396	0.01196732	0.01432191
48 RADIO&TV	0.00477087	0.01705028	0.00105495	0	0.00090346	0.00946353	0.01053251	0.01316734
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.01022971	0.00230014	0.00188564	0	0.00336982	0.00092827	0.00874013	0.00226222
51 ELECT SERVICE	0.01411160	0.01483582	0.00765935	0.01465104	0.00959509	0.00370504	0.04313260	0.02165638
52 WATER&SAN SER	0.00141496	0.00154407	0.00225454	0	0.00318847	0	0.00640234	0.00196212
53 WHL AUTO PART	0	0	0.14687847	0	0	0	0	0
54 WHL &ROCERIES	0	0.44519062	0	0.06636691	0	0	0.19923960	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0.00028059	0	0	0	0	0	0.00223493

58 WHL FARM MACH	0	0	0.00553750	0	0	0	0	0
59 WHL PETRO PRO	0	0.00040660	0.00074709	0.45481984	0	0	0.00040962	0
60 GENERAL WHL	0.06394321	0.05786139	0.00168394	0.00315643	0.00771235	0.32789230	0.00476837	0.11412461
61 LUMBER YARDS	0	0	0.00001858	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0.00050160	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0.00050237	0.00493903	0	0.00034951	0.00104079	0	0.00321163
68 GAS SERV STAT	0	0.00031587	0.00189228	0.00124678	0.00029676	0.00219811	0.00128092	0.00348772
69 APPAREL&ACCES	0	0	0.00004114	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0
71 EAT&DRINK	0	0.00005545	0.00237795	0	0.00193221	0	0.00030099	0.00497076
72 OTHER RETAIL	0	0	0	0	0	0	0	0
73 BANK&CREDIT	0	0.01336064	0.00875676	0.00312823	0.02846544	0.03987945	0.00027836	0.00581760
74 INSURANCE	0	0.01007089	0.01154874	0	0.01877143	0.02360860	0.00972005	0.01083856
75 F.I.R.E.,NEC	0	0	0.00302021	0.01649582	0	0	0	0.00795759
76 LEGAL SERVICE	0	0	0.00162157	0.00071647	0.00016157	0	0	0
77 LODG&ENG	0	0.00007897	0.00009554	0.00314515	0.00190583	0	0	0.00878696
78 PERSONAL SERV	0	0.00197251	0.00012606	0	0.00135848	0	0.02645348	0
79 ADVERTISING	0	0	0.01591053	0	0.02470654	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0	0.02482438	0.00927296	0	0.00289172	0.00137432	0.00523005	0.01161118
82 MOTION PIC&RE	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0	0	0	0	0	0	0	0
84 MISC REP SERV	0	0.00591585	0.00557068	0	0.00040886	0	0.00382918	0.00278057
85 PHYS&DENTIST	0	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.00411588	0.00256225	0.00290609	0.00256407	0.00351490	0.00292144	0.00232648	0.00305121
89 COLLEGE&UNIV	0.00145296	0.00066366	0.00064757	0.00035542	0.00066605	0.00022102	0.00055446	0.00047361
90 OTHER EDUCATE	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0	0.00214893	0.00336523	0.00179118	0.00285545	0.00165562	0.00742526	0.00962724
92 OTHER PRO SER	0	0	0	0	0	0	0	0
93 OTHER SERVICE	0	0.00103162	0.00001327	0.00098445	0.00530203	0.00111714	0.00054088	0.00352264
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.59964321	0.25268280	0.55083208	0.35317646	0.67091137	0.42425558	0.57002512	0.55577733
96 FEDERAL GOVT	0.05139556	0.00834032	0.12525528	0.02688469	0.08154840	0.03778983	0.01910743	0.03249712
97 STATE GOVT	0.00396389	0.00181289	0.00176621	0.00097316	0.00181351	0.00060277	0.00151402	0.00129316
98 LOCAL GOVT	0.00472687	0.00386437	0.00478377	0.00504352	0.00624505	0.00645369	0.00369113	0.00581323
99 IMPORTS	0.19634550	0.08038227	0.01620379	0.01179925	0.02812253	0.01412497	0.01623328	0.02036759
100 DEPRECIATION	0.01570256	0.02824519	0.02210754	0.01368352	0.02399433	0.04604380	0.02243194	0.02490620
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	73	74	75	76	77	78	79	80
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00610607	0	0.03620496	0.00036858	0.02194839	0.00077546	0.00031123	0
22 MEAT PRODUCTS	0	0	0.00017846	0	0	0	0	0
23 DAIRIES	0	0	0.00001170	0	0	0	0	0
24 MILLING&FEEDS	0	0	0	0	0	0	0	0
25 FOOD PROCESS	0	0	0.00003511	0	0	0	0	0
26 BEVERAGES	0.00008705	0.00082881	0.00543586	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0.00010787	0.01592629	0	0.00195246	0.00150189	0.00880588	0.15250338	0.01177252
30 CHEMICALS	0	0	0	0	0	0	0	0
31 PETRO PRODUCT	0	0	0.00069045	0.00056962	0	0.00773429	0.00170501	0.00355008
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	0	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0	0	0	0	0	0
39 RAIL TRANS	0	0	0	0.00305393	0	0.00658312	0.01213802	0.00011452
40 INTERCI RU HI	0	0	0	0	0	0	0	0
41 MOTOR FREIGHT	0	0	0	0	0.00020358	0.00404574	0	0.00043517
42 OTHER WARH	0	0	0	0	0	0	0	0
43 AIR TRANS	0.00025484	0.00242679	0	0	0.00064531	0	0.00035183	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0.00010723	0	0	0.00002393	0	0	0	0
47 TELEPHONE	0.00610923	0.00324120	0.01753051	0.01298639	0.00635712	0.00765286	0.00378890	0.01113122
48 RADIO&TV	0.00127988	0	0	0	0.00106016	0.00537643	0.40158322	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.00064593	0	0.00877989	0.00040209	0.00364526	0.00585948	0.00008119	0.00066421
51 ELECT SERVICE	0.00423893	0	0.04006682	0.00056962	0.02042345	0.01627921	0.00156969	0.00966538
52 WATER&SAN SER	0.00051283	0	0.00717955	0.00017232	0.00083353	0.00474718	0.00008119	0.00121390
53 WHL AUTO PART	0	0	0	0	0	0.00049785	0	0
54 WHL &GROCERIES	0	0	0	0	0.04107353	0	0	0
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0	0	0	0	0.00231714	0	0

58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	0	0	0	0	0	0.00213022	0	0
60 GENERAL WHL	0.00896356	0.00576464	0.00104738	0.00164185	0.00769384	0.01537234	0.00032476	0.00240489	0
61 LUMBER YARDS	0	0	0	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0	0	0	0	0
67 AUTO DEAL&REP	0	0	0	0.00016275	0.00275411	0	0.00063599	0	0
68 GAS SERV STAT	0.00068378	0.00651941	0.00023405	0.00017711	0	0.00102347	0.00052774	0.00107648	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	0.00148678	0.01416790	0.00036571	0.00280981	0	0.00019248	0	0	0
72 OTHER RETAIL	0	0	0	0.00245080	0	0	0	0	0
73 BANK&CREDIT	0.01965991	0.00010900	0.14931949	0.00286246	0.00023431	0.00140842	0.00254398	0	0
74 INSURANCE	0.00592630	0.00265095	0.01167921	0.00109137	0.00182839	0.00459727	0.00890392	0.00403106	0
75 F.I.R.E.,NEC	0.02820274	0.01831194	0.01255105	0.00928146	0.02848989	0.00376443	0	0	0
76 LEGAL SERVICE	0.00364472	0.00638574	0.00943523	0	0.00022663	0.00012585	0.00098782	0	0
77 LODG&NG	0.00091023	0.00867267	0.00062024	0.00010531	0	0	0	0	0
78 PERSONAL SERV	0	0	0	0	0.01160799	0.00134179	0.02127199	0.00226747	0
79 ADVERTISING	0.00879073	0.00276407	0.00720003	0	0	0	0	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0	0.01754426	0
81 OTHER BUS SER	0.01523617	0.02588022	0.01985348	0.00145038	0.01773464	0.00231344	0	0.00293168	0
82 MOTION PIC&RE	0	0	0	0.00047867	0	0	0	0	0
83 AUTO RENT&PAR	0.00005172	0.00049770	0	0	0	0.00076436	0	0	0
84 MISC REP SERV	0	0	0	0.00072758	0.00757861	0.01088982	0	0.00426009	0
85 PHYS&DENTIST	0	0.00477748	0	0	0	0	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0	0	0	0	0
87 OTHER MEDICAL	0	0	0	0	0	0	0	0	0
88 EL&SEC SCHOOL	0.00407177	0.01482396	0.01858375	0.00078981	0.01110095	0.00188036	0.00033829	0.00171778	0
89 COLLEGE&UNIV	0.00032170	0.00868707	0.00190460	0.00030635	0.00086426	0.00060335	0.00008119	0.00087034	0
90 OTHER EDUCATE	0	0	0	0	0	0	0	0	0
91 ACCT&AUD&BOOK	0.00174477	0.00178513	0.00495021	0.00096692	0.00178998	0.00131588	0.00055480	0.00703145	0
92 OTHER PRO SER	0	0	0	0	0	0	0.03190798	0	0
93 OTHER SERVICE	0.00144893	0.00845056	0.00865408	0.00536592	0.00330724	0.00218759	0.00304465	0.00167197	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.68698744	0.75598676	0.45131128	0.86318097	0.57224454	0.66804918	0.19713126	0.84629303	0
96 FEDERAL GOVT	0.06037821	0.02668435	0.01512270	0.06843105	0.05972236	0.04637984	0.08320704	0.04012734	0
97 STATE GOVT	0.00087743	0.02369406	0.00519596	0.00083768	0.00235847	0.00164347	0.00020298	0.00235908	0
98 LOCAL GOVT	0.00894779	0.00380882	0.03917157	0.00079460	0.02444514	0.00239302	0.00054127	0.00098486	0
99 IMPORTS	0.10561424	0.03298782	0.01374179	0.01138284	0.08644915	0.14081814	0.05573748	0.02223953	0
100 DEPRECIATION	0.01660120	0.00416667	0.11294485	0.00470535	0.06187725	0.02013063	0.01794317	0.00364169	0
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	81	82	83	84	85	86	87	88
1 IRR COTTON	0	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0	0
5 DRY COTTON	0	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0	0
9 RANGE LVSTK	0	0	0	0	0	0	0	0
10 FEEDLOT LVSTK	0	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0	0
12 GIN&COMPRESS	0	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0	0
14 CRUDE PETRO	0	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0	0	0
16 OIL&GAS SERV	0	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0	0
21 M&REPAIR CONS	0.00100399	0.00593457	0.00298779	0.03096816	0.00820079	0.00307029	0.00418024	0.00663022
22 MEAT PRODUCTS	0	0.00085296	0	0	0	0.01068846	0	0.01960985
23 DAIRIES	0	0.00017348	0	0	0	0.00347496	0	0.02541324
24 MILLING&FEEDS	0	0	0	0	0	0	0	0.00782607
25 FOOD PROCESS	0	0.00268899	0	0	0.00019334	0.00700931	0	0.02162973
26 BEVERAGES	0	0	0	0	0	0	0	0
27 TEXTILE PROD	0	0	0	0	0	0	0	0
28 WOOD PRODUCTS	0	0	0	0	0	0	0	0
29 PAPER-PRINT	0.00328091	0.01413164	0.00103027	0.00136010	0.00193876	0.00020048	0.00399023	0.00292710
30 CHEMICALS	0	0	0	0	0	0.00168179	0	0
31 PETRO PRODUCT	0.09963577	0.00660681	0.00354975	0.00043676	0.00062298	0	0.00065147	0
32 SOIL&ROCK PRO	0	0	0	0	0	0	0	0
33 METAL PRODUCT	0	0	0	0.00124899	0	0	0	0
34 PLUMB&REL PRO	0	0	0	0	0	0	0	0
35 MACHINERY	0	0	0	0	0	0	0	0
36 ELECTRONIC EQ	0	0	0	0	0	0	0	0
37 TRANS EQUIP	0	0	0	0	0	0	0	0
38 OTHER MFG	0	0	0.00038401	0	0	0	0	0
39 RAIL TRANS	0.00001460	0.00004337	0	0.00115321	0	0	0	0.00010998
40 INTERCI RU HI	0.00059387	0	0	0	0	0	0	0.00077993
41 MOTOR FREIGHT	0.00908822	0	0	0.02190338	0.00001880	0.00010766	0	0.00433008
42 OTHER WARH	0	0	0	0	0	0	0	0
43 AIR TRANS	0.00066081	0.00073007	0	0	0.00022288	0.00059772	0.00086862	0
44 PIPELINE TRN	0	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0	0
46 OTHER TRN SER	0	0.00032528	0	0	0	0	0	0
47 TELEPHONE	0.00448448	0.00719232	0.00362468	0.02181526	0.01406004	0.01258186	0.01083062	0.00195010
48 RADIO&TV	0.00010953	0.00086742	0	0	0	0	0	0
49 OTHER COMMUN	0	0	0	0	0	0	0	0
50 GAS SERVICE	0.00131675	0.00106981	0.00108647	0.00216467	0.00060418	0.00124371	0.00374593	0.00530987
51 ELECT SERVICE	0.00471205	0.00939700	0.00461749	0.00768936	0.00845858	0.00491914	0.01878393	0.01297013
52 WATER&SAN SER	0.00139585	0.00143124	0.00036528	0.00009961	0.00076799	0.00110263	0.00249729	0.00172008
53 WHL AUTO PART	0	0	0	0	0	0	0	0
54 WHL &ROCERIES	0	0.00266007	0	0	0	0.02244984	0.03669924	0.00102781
55 WHL FARM PROD	0	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0	0
57 WHL &NDUST MA	0	0.00798022	0	0.00012260	0.00024436	0.00703530	0	0.00285173

58 WHL FARM MACH	0	0	0	0	0	0	0	0	0
59 WHL PETRO PRO	0.04441643	0.00046985	0	0	0	0	0	0	0
60 GENERAL WHL	0.00305821	0.00112041	0.00049640	0.00273553	0.00498922	0.02430241	0.01539088	0.01001679	0
61 LUMBER YARDS	0	0	0	0	0	0	0	0	0
62 RET FARM EQUI	0	0	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0	0	0
64 HARDWARE	0.00041742	0	0	0	0	0	0	0	0
65 DEPT&VARIETY	0	0	0	0	0	0	0	0	0
66 FOOD	0	0	0	0	0.00007787	0	0	0	0
67 AUTO DEAL&REP	0.00976363	0.00889101	0.00242582	0.00529482	0.00030881	0	0	0	0
68 GAS SERV STAT	0.00239740	0	0.00066499	0.00013409	0.00019334	0	0.00021716	0.00003517	0
69 APPAREL&ACCES	0	0	0	0	0	0	0	0	0
70 FURN&HOME FUR	0	0	0	0	0	0	0	0	0
71 EAT&DRINK	0.00099425	0.00075899	0.00022479	0.00528715	0.00091030	0.00089473	0	0	0
72 OTHER RETAIL	0.00024948	0.00010120	0	0	0.00022825	0	0	0.00009714	0
73 BANK&CREDIT	0.00180109	0.00460453	0.14358235	0.00806866	0.00492477	0.02269116	0.09991857	0	0
74 INSURANCE	0.00697315	0.00190109	0.01215720	0.02397226	0.01277380	0.00557255	0.02166124	0.00454223	0
75 F.I.R.E.,NEC	0.00094922	0.03974209	0.00211674	0	0.00012352	0	0	0	0
76 LEGAL SERVICE	0.00022027	0.00162640	0.00361532	0.00448642	0.00247044	0.00036383	0.00073290	0	0
77 LODG&NG	0.00051356	0.00173483	0.00011239	0.00105360	0.00009667	0	0	0	0
78 PERSONAL SERV	0.00017889	0.00122161	0.00112393	0	0.00487375	0.02748779	0.03640065	0.00034000	0
79 ADVERTISING	0.00000730	0	0	0	0	0	0	0	0
80 RES&DEVELOPE	0.00873530	0	0	0	0	0	0	0	0
81 OTHER BUS SER	0	0.00084573	0.00062753	0.01619095	0.00024167	0.00145904	0	0.00062026	0
82 MOTION PIC&RE	0	0	0	0	0	0	0	0	0
83 AUTO RENT&PAR	0.00334784	0	0	0.00687330	0.00009130	0	0	0	0
84 MISC REP SERV	0.00255804	0.00936086	0	0.00748630	0.00272823	0.00273244	0	0	0
85 PHYS&DENTIST	0	0	0	0	0.00104457	0.02629234	0	0	0
86 HOSPITAL&LAB	0	0	0	0	0.01019863	0.00237233	0	0	0
87 OTHER MEDICAL	0	0	0	0	0.00028464	0.00161496	0	0	0
88 EL&SEC SCHOOL	0.00088473	0.00597794	0.00506706	0.00247500	0.00096938	0.00276586	0.00773616	0	0
89 COLLEGE&UNIV	0.00032858	0.00203120	0.00138618	0.00117237	0.00012889	0.00047892	0.00105863	0	0
90 OTHER EDUCATE	0	0	0	0	0	0.00132910	0	0	0
91 ACCT&AUD&BOOK	0.00214427	0.00410577	0.00752098	0.00114555	0.00182866	0.00086874	0.00209012	0	0
92 OTHER PRO SER	0	0	0	0	0	0	0	0	0
93 OTHER SERVICE	0.00141045	0.00036865	0.00001873	0.00706486	0.00457032	0.00106550	0.00209012	0	0
94 ORDNANCE	0	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.64062464	0.60686559	0.08344260	0.68635684	0.76222802	0.56397481	0.48265472	0.63041930	0
96 FEDERAL GOVT	0.03129522	0.01996501	0.06298704	0.01935175	0.01460246	0.04372652	0.02885451	0.00542990	0
97 STATE GOVT	0.00089690	0.00553700	0.00379327	0.00320294	0.00035177	0.00130311	0.00290445	0	0
98 LOCAL GOVT	0.00095288	0.00717786	0.00733366	0.00169342	0.00192802	0.00509363	0.01530945	0	0
99 IMPORTS	0.08503352	0.19599977	0.00598494	0.06497835	0.11157536	0.15282748	0.11194354	0.07693319	0
100 DEPRECIATION	0.02355052	0.01750734	0.63767234	0.04201372	0.01992465	0.03461961	0.08878936	0.15658009	0
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

DIRECT INPUT REQUIREMENTS : HIGH PLAINS ,TEXAS, 1967

	89	90	91	92	93	94	HOUSEHOLDS
1 IRR COTTON	0	0	0	0	0	0	0
2 IRR FOOD GRAIN	0	0	0	0	0	0	0
3 IRR FEED GRAIN	0	0	0	0	0	0	0
4 OTHER IRR CROP	0	0	0	0	0	0	0.00362799
5 DRY COTTON	0	0	0	0	0	0	0
6 DRY FOOD GRAIN	0	0	0	0	0	0	0
7 DRY FEED GRAIN	0	0	0	0	0	0	0
8 OTHER DRY CROP	0	0	0	0	0	0	0.00006399
9 RANGE LVSTK	0	0	0	0	0	0	0.00109300
10 FEEDLOT LVSTK	0	0	0	0	0	0	0
11 DAIRY&POULTRY	0	0	0	0	0	0	0.00008601
12 GING&COMPRESS	0	0	0	0	0	0	0
13 AG SERVICES	0	0	0	0	0	0	0.00041501
14 CRUDE PETRO	0	0	0	0	0	0	0
15 NATURAL GAS	0	0	0	0	0	0.00062356	0
16 OIL&GAS SERV	0	0	0	0	0	0	0
17 RESIDENT CONS	0	0	0	0	0	0	0
18 COM&ED&INST C	0	0	0	0	0	0	0
19 INDUSTRY CONS	0	0	0	0	0	0	0
20 FACILITY CONS	0	0	0	0	0	0	0
21 M&REPAIR CONS	0	0	0.00109034	0	0.00621849	0	0.01614801
22 MEAT PRODUCTS	0	0	0	0	0	0	0.00072600
23 DAIRIES	0.00000832	0	0	0	0	0	0.00515801
24 MILLING&FEEDS	0.00048051	0	0	0	0	0	0
25 FOOD PROCESS	0.00066356	0	0	0	0	0	0.00025700
26 BEVERAGES	0	0	0	0	0	0	0.00451201
27 TEXTILE PROD	0.00060116	0	0	0	0	0	0.00005501
28 WOOD PRODUCTS	0.00850356	0	0	0	0	0	0.00003601
29 PAPER-PRINT	0.00745933	0.03028699	0	0.00092685	0.03470339	0	0.00083699
30 CHEMICALS	0.00283313	0	0	0	0	0	0
31 PETRO PRODUCT	0.00112327	0	0.00236162	0.00391336	0.00035444	0.00033872	0.00001601
32 SOIL&ROCK PRO	0.00004992	0	0	0	0	0	0
33 METAL PRODUCT	0.00115031	0	0	0	0	0.24206697	0.00000199
34 PLUMB&REL PRO	0.00012897	0	0	0	0	0	0
35 MACHINERY	0.00226526	0	0	0	0	0	0.00012399
36 ELECTRONIC EQ	0.00829138	0	0	0	0	0	0
37 TRANS EQUIP	0.00144361	0	0	0	0	0	0
38 OTHER MFG	0.00333236	0	0	0	0	0	0
39 RAIL TRANS	0.00097974	0	0	0	0	0.01337182	0.00110701
40 INTERCI RU HI	0	0	0	0	0.00006323	0	0.00131801
41 MOTOR FREIGHT	0.00145193	0.00464075	0	0.00260890	0	0.00477675	0.01042400
42 OTHER WARH	0	0	0	0	0	0	0
43 AIR TRANS	0.00294130	0	0.00482067	0.00015447	0.00094850	0	0.00145501
44 PIPELINE TRN	0	0	0	0	0	0	0
45 LOC&SUB TRANS	0	0	0	0	0	0	0.00054999
46 OTHER TRN SER	0	0	0	0	0	0	0
47 TELEPHONE	0.02109248	0.02646041	0.00764163	0.00600735	0.00785423	0.00152810	0.00931299
48 RADIO&TV	0.00451803	0	0	0	0	0	0.00184401
49 OTHER COMMUN	0	0	0	0	0	0	0.00025199
50 GAS SERVICE	0.00465948	0	0.00046861	0.00181937	0.00079874	0.00378368	0.00699099
51 ELECT SERVICE	0.02061405	0	0.00624971	0.00523497	0.00741160	0.01681293	0.01983901
52 WATER&SAN SER	0.00680825	0	0.00041294	0.00041193	0.00082370	0.00041955	0.00300199
53 WHL AUTO PART	0	0	0	0	0	0	0.00310301
54 WHL &ROCERIES	0	0	0	0	0	0	0.02550801
55 WHL FARM PROD	0	0	0	0	0	0	0
56 WHL LIVESTOCK	0	0	0	0	0	0	0
57 WHL &NDUST MA	0.00047843	0	0	0	0	0	0



58 WHL FARM MACH	0	0	0	0	0	0	0
59 WHL PETRO PRO	0	0	0	0	0	0.00008853	0.01801099
60 GENERAL WHL	0.00568707	0.00460004	0.00140120	0.00317531	0.00494717	0.04335258	0.00934801
61 LUMBER YARDS	0	0	0	0	0	0	0.00155800
62 RET FARM EQUI	0	0	0	0	0	0	0
63 AG SUPPLIES	0	0	0	0	0	0	0
64 HARDWARE	0	0	0	0	0	0	0.00105200
65 DEPT&VARIETY	0	0	0	0	0	0	0.02848700
66 FOOD	0	0	0	0	0	0	0.01695500
67 AUTO DEAL&REP	0	0	0.00006496	0.00109849	0.00013312	0	0.01474299
68 GAS SERV STAT	0	0	0.00072380	0.00120147	0.00010983	0	0.00353001
69 APPAREL&ACCES	0	0	0	0	0	0	0.00851099
70 FURN&HOME FUR	0	0	0	0	0	0	0.00708800
71 EAT&DRINK	0	0.00268675	0.00184197	0.00496035	0.00136451	0	0.01142101
72 OTHER RETAIL	0	0	0	0.00044626	0.01063649	0	0.02355101
73 BANK&CREDIT	0.00093398	0	0.01088480	0.00226563	0	0.00573133	0.01692899
74 INSURANCE	0.00428922	0.00289029	0.00034334	0	0.00011482	0	0.00106001
75 F.I.R.E.,NEC	0.10882182	0	0	0.01232364	0.01421250	0	0.00065201
76 LEGAL SERVICE	0.00343429	0	0	0.00051492	0.00826025	0.00047729	0.00358500
77 LODG&NG	0	0.00268675	0.00407368	0.00458275	0.00031284	0	0.00019800
78 PERSONAL SERV	0.00002704	0	0	0	0.00033281	0	0.01433599
79 ADVERTISING	0.00079253	0	0.00011599	0	0.00268408	0	0
80 RES&DEVELOPE	0	0	0	0	0	0	0
81 OTHER BUS SER	0.01598577	0	0.00606876	0.01633998	0.03738414	0	0.00081599
82 MOTION PIC&RE	0.00144985	0	0	0	0.00015475	0	0.00203301
83 AUTO RENT&PAR	0.00529392	0	0	0	0	0	0.00185401
84 MISC REP SERV	0	0.02764095	0.00034334	0.00087536	0.00011149	0	0.00081201
85 PHYS&DENTIST	0	0	0	0	0	0	0.01032901
86 HOSPITAL&LAB	0	0	0	0	0	0	0.00745001
87 OTHER MEDICAL	0	0	0	0	0	0	0.00099400
88 EL&SEC SCHOOL	0.00026002	0.00227967	0.00063100	0.00106416	0.00008986	0	0.03473117
89 COLLEGE&UNIV	0	0.00093629	0.00033870	0.00058357	0.00005824	0	0.00822743
90 OTHER EDUCATE	0	0	0	0	0	0	0.00058600
91 ACCT&AUD&BOOK	0	0.00370446	0	0.00496035	0.00025460	0.00095458	0.00411501
92 OTHER PRO SER	0	0	0	0.19862003	0	0	0.00017401
93 OTHER SERVICE	0.00135000	0.00411154	0.00992437	0.00459991	0.00102504	0	0.00030800
94 DRDNANCE	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.60060948	0.63553837	0.85340324	0.60729120	0.37691821	0.23049654	0.00890001
96 FEDERAL GOVT	0.01036735	0.02764095	0.01375215	0.07129862	0.06364922	0	0.15999997
97 STATE GOVT	0	0.00252392	0.00092331	0.00159624	0.00015975	0	0.02244001
98 LOCAL GOVT	0.00064900	0.00215754	0.00028766	0.00042910	0	0	0.05533438
99 IMPORTS	0.07926530	0.14475880	0.02904932	0.01381690	0.40123471	0.36640108	0.38201794
100 DEPRECIATION	0.05890502	0.07445553	0.04278291	0.02687858	0.01667526	0.06877598	0
TOTAL	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000	1.00000000

TABLE III. INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	1	2	3	4	5	6	7	8
1 IRR COTTON	1.02323169	0.00015272	0.00011613	0.00015210	0.01661389	0.00013685	0.00008683	0.00003774
2 IRR FOOD GRAIN	0.00000045	1.01237058	0.00000052	0.00000068	0.00000030	0.00000061	0.00000039	0.00000017
3 IRR FEED GRAIN	0.00004541	0.00006958	1.01012031	0.00006962	0.00003026	0.00006241	0.01490282	0.00001736
4 OTHER IRR CROP	0.00003868	0.00005932	0.00004511	1.04846342	0.00002575	0.00005328	0.00003381	0.00001472
5 DRY COTTON	0.00362235	0.00003121	0.00002373	0.00003109	1.00677185	0.00002797	0.00001775	0.00000771
6 DRY FOOD GRAIN	0.00000012	0.00000019	0.00000014	0.00000019	0.00000008	1.04958771	0.00000011	0.00000005
7 DRY FEED GRAIN	0.00001625	0.00002491	0.00001890	0.00002492	0.00001083	0.00002233	1.00001418	0.00000621
8 OTHER DRY CROP	0.00000256	0.00000389	0.00000297	0.00000389	0.00000169	0.00000347	0.00000219	1.00000096
9 RANGE LVSTK	0.00001117	0.00001707	0.00001298	0.00001709	0.00000747	0.00001543	0.00000981	0.00000429
10 FEEDLOT LVSTK	0.00006553	0.00010016	0.00007618	0.00010028	0.00004381	0.00009057	0.00005759	0.00002517
11 DAIRY&POULTRY	0.00007508	0.00011410	0.00008703	0.00011403	0.00004966	0.00010165	0.00006409	0.00002808
12 GIN&COMPRESS	0.06141393	0.00001581	0.00001225	0.00001547	0.05766081	0.00001325	0.00000819	0.00000341
13 AG SERVICES	0.03937143	0.01575926	0.03073276	0.00822184	0.04083832	0.05694172	0.03995275	0.00000413
14 CRUDE PETRO	0.03189016	0.05667523	0.04536692	0.06007156	0.01627011	0.04311447	0.02888687	0.00606048
15 NATURAL GAS	0.00683229	0.01018405	0.00898051	0.00614721	0.00236588	0.00478865	0.00061201	0.00010428
16 OIL&GAS SERV	0.00833085	0.01324374	0.01147388	0.01099768	0.00412860	0.01042286	0.00586551	0.00121477
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000191	0.00000251	0.00000211	0.00000238	0.00000111	0.00000193	0.00000102	0.00000043
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00001601	0.00002098	0.00001765	0.00001994	0.00000924	0.00001611	0.00000849	0.00000357
21 M&REPAIR CONS	0.01242940	0.01628456	0.01369828	0.01548145	0.00717423	0.01250510	0.00659421	0.00276797
22 MEAT PRODUCTS	0.00020449	0.00031253	0.00023772	0.00031292	0.00013672	0.00028260	0.00017969	0.00007853
23 DAIRIES	0.00024284	0.00037257	0.00028244	0.00037340	0.00016197	0.00033436	0.00021251	0.00009328
24 MILLING&FEEDS	0.00010337	0.00015856	0.00012020	0.00015862	0.00006885	0.00014200	0.00009015	0.00003951
25 FOOD PROCESS	0.00021452	0.00032946	0.00025036	0.00032830	0.00014283	0.00029579	0.00018782	0.00008172
26 BEVERAGES	0.00002507	0.00008115	0.00002612	0.00004213	0.00001690	0.00003035	0.00001804	0.00000890
27 TEXTILE PROD	0.00001729	0.00002518	0.00002031	0.00002368	0.00000962	0.00001789	0.00001024	0.00000366
28 WOOD PRODUCTS	0.000081362	0.00107101	0.00008915	0.00101417	0.00047018	0.00082248	0.00043508	0.00018150
29 PAPER-PRINT	0.00105863	0.00216406	0.00114904	0.00123292	0.00074899	0.00144158	0.00089609	0.00059235
30 CHEMICALS	0.06395753	0.09569188	0.08384889	0.05775765	0.02110858	0.04124875	0.00227919	0.00025572
31 PETRO PRODUCT	0.04249890	0.05615429	0.05965059	0.03292388	0.03364584	0.09466854	0.06615076	0.01365825
32 SOIL&ROCK PRO	0.00026217	0.00034667	0.00029217	0.00032600	0.00015038	0.00026650	0.00014095	0.00005710
33 METAL PRODUCT	0.00103325	0.00137392	0.00116248	0.00130491	0.00058661	0.00104687	0.00054680	0.00022323
34 PLUMB&REL PRO	0.00003652	0.00004840	0.00004080	0.00004463	0.00002045	0.00003584	0.00001813	0.00000757
35 MACHINERY	0.00151025	0.00166994	0.00167631	0.00133114	0.00102861	0.00177555	0.00103877	0.00009146
36 ELECTRONIC EQ	0.00013537	0.00020051	0.00017134	0.00016877	0.00007599	0.00015273	0.00008473	0.00002440
37 TRANS EQUIP	0.00004954	0.00007128	0.00006177	0.00005166	0.00002267	0.00004465	0.00001688	0.00000538
38 OTHER MFG	0.00001291	0.00002219	0.00001556	0.00002126	0.00000762	0.00001613	0.00000887	0.00000393
39 RAIL TRANS	0.00145469	0.00215720	0.00203013	0.00140841	0.00079288	0.00201382	0.00111833	0.00022174
40 INTERCI RU HI	0.00000755	0.00000970	0.00000804	0.00000938	0.00000571	0.00001075	0.00000677	0.00000222
41 MOTOR FREIGHT	0.00231390	0.00258731	0.00232418	0.00261670	0.00165127	0.00257852	0.00162551	0.00105720
42 OTHER WARRH	0.00025888	0.00009370	0.00007274	0.00009061	0.00022604	0.00007971	0.00005158	0.00001948
43 AIR TRANS	0.00020303	0.00040588	0.00024690	0.00023646	0.00012470	0.00028235	0.00015371	0.00006152
44 PIPELINE TRN	0.00025711	0.00038468	0.00033707	0.00023218	0.00008486	0.00016582	0.00000916	0.00000103
45 LOC&SUB TRANS	0.00000005	0.00000007	0.00000006	0.00000005	0.00000002	0.00000004	0.00000002	0.00000001
46 OTHER TRN SER	0.00006493	0.00011718	0.00010744	0.00007790	0.00002839	0.00007842	0.00003953	0.00000216
47 TELEPHONE	0.00352215	0.00488820	0.00387936	0.00540442	0.00252739	0.00440391	0.00280533	0.00128670
48 RADIO&TV	0.00050297	0.00068205	0.00055488	0.00069384	0.00037353	0.00072802	0.00047865	0.00015435
49 OTHER COMMUN	0.00000101	0.00000133	0.00000112	0.00000126	0.00000059	0.00000102	0.00000054	0.00000023
50 GAS SERVICE	0.01542451	0.03745962	0.02260350	0.05421538	0.00252104	0.00457166	0.00270580	0.00068255
51 ELECT SERVICE	0.01144449	0.02088843	0.01503698	0.02279674	0.00425092	0.00689164	0.00338499	0.00130187
52 WATER&SAN SER	0.00077921	0.00098068	0.00084559	0.00071718	0.00041626	0.00065100	0.00025802	0.00010101
53 WHL AUTO PART	0.00193850	0.00248537	0.00224206	0.00238747	0.00141947	0.00312561	0.00202410	0.00075148
54 WHL &GROCERIES	0.00081488	0.00127664	0.00112552	0.00074588	0.00064372	0.00178202	0.00125059	0.00028587
55 WHL FARM PROD	0.00142055	0.00582982	0.00607717	0.00364903	0.00146512	0.00698113	0.00617868	0.00000872
56 WHL LIVESTOCK	0.00000084	0.00000129	0.00000098	0.00000129	0.00000056	0.00000117	0.00000074	0.00000032
57 WHL &NDUST MA	0.00068512	0.00079930	0.00079572	0.00064033	0.00048038	0.00090683	0.00056486	0.00006914

58 WHL FARM MACH	0.00758528	0.00221186	0.00218273	0.00117110	0.00708574	0.00284058	0.00202401	0.0003258
59 WHL PETRO PRO	0.00570359	0.00725934	0.00766125	0.00423482	0.00472708	0.01252554	0.00886048	0.00175481
60 GENERAL WHL	0.00211369	0.00315947	0.00239461	0.00273962	0.00115694	0.00210693	0.00096686	0.00170880
61 LUMBER YARDS	0.00000514	0.00015068	0.00000444	0.00000396	0.00000375	0.00010457	0.00000318	0.00019037
62 RET FARM EQUI	0.00860069	0.01231738	0.01256212	0.00484067	0.00647484	0.01706489	0.01353087	0.00219869
63 AG SUPPLIES	0.01748391	0.02729346	0.02367675	0.02783336	0.00614023	0.02383998	0.00445404	0.00000154
64 HARDWARE	0.00201951	0.00284485	0.00229849	0.00304488	0.00135989	0.00277823	0.00182240	0.01548334
65 DEPT&VARIETY	0.00000037	0.00000081	0.00000060	0.00000040	0.00000015	0.00000052	0.00000019	0.00000021
66 FOOD	0.00000001	0.00000004	0.00000002	0.00000002	0.00000001	0.00000002	0.00000001	0.00000000
67 AUTO DEAL&REP	0.01015445	0.01308985	0.01133658	0.01374278	0.00722412	0.01521992	0.00954552	0.00411980
68 GAS SERV STAT	0.01032882	0.01420948	0.01485428	0.00813594	0.00838750	0.02449674	0.01737139	0.00361175
69 APPAREL&ACCES	0.00000196	0.00000284	0.00000248	0.00000196	0.00000081	0.00000162	0.00000045	0.00000018
70 FURN&HOME FUR	0.00000180	0.00000254	0.00000205	0.00000271	0.00000121	0.00000247	0.00000161	0.00001356
71 EAT&DRINK	0.00044152	0.00131975	0.00047844	0.00077758	0.00028795	0.00051492	0.00031978	0.00017310
72 OTHER RETAIL	0.00005454	0.00007054	0.00006196	0.00005451	0.00004115	0.00008343	0.00005477	0.00001503
73 BANK&CREDIT	0.01633958	0.02890062	0.02049925	0.06681478	0.00958646	0.02533890	0.01307235	0.01174847
74 INSURANCE	0.01199631	0.06792226	0.01331675	0.01786425	0.00811269	0.01589954	0.00975516	0.00460715
75 F.I.R.E.,NEC	0.00211344	0.00349905	0.00199058	0.00343671	0.00145343	0.00223324	0.00131389	0.00061458
76 LEGAL SERVICE	0.00054774	0.00099637	0.00052131	0.00093881	0.00036439	0.00053027	0.00030368	0.00015331
77 LODGING	0.00050222	0.00094107	0.00047938	0.00049387	0.00040050	0.00063739	0.00041841	0.00010887
78 PERSONAL SERV	0.00005646	0.00010567	0.00006648	0.00007934	0.00003665	0.00007527	0.00004510	0.00001744
79 ADVERTISING	0.00048395	0.00084968	0.00056417	0.00103034	0.00032287	0.00071329	0.00042380	0.00022885
80 RES&DEVELOPE	0.00069086	0.00101580	0.00089167	0.00062701	0.00025952	0.00050589	0.00008907	0.00001443
81 OTHER BUS SER	0.00486612	0.00570677	0.00471376	0.00486203	0.00414153	0.00669995	0.00425857	0.00063297
82 MOTION PIC&RE	0.00001279	0.00001970	0.00001622	0.00001316	0.00000511	0.00000981	0.00000244	0.00000087
83 AUTO RENT&PAR	0.00020765	0.00033623	0.00026455	0.00046408	0.00013749	0.00029233	0.00020420	0.00006878
84 MISC REP SERV	0.00069272	0.01565997	0.00971172	0.04677348	0.00159276	0.00090084	0.00071101	0.00436466
85 PHYS&DENTIST	0.00005797	0.00032501	0.00006378	0.00008552	0.00003934	0.00007614	0.00004671	0.00002205
86 HOSPITAL&LAB	0.00000244	0.00000596	0.00000311	0.00000260	0.00000145	0.00000335	0.00000190	0.00000057
87 OTHER MEDICAL	0.00000029	0.00000052	0.00000034	0.00000044	0.00000019	0.00000040	0.00000025	0.00000011
88 EL&SEC SCHOOL	0.00954268	0.01464275	0.01109895	0.01467685	0.00636396	0.01313677	0.00834927	0.00366578
89 COLLEGE&UNIV	0.00068194	0.00147889	0.00086043	0.00104249	0.00041841	0.00090238	0.00056221	0.00017308
90 OTHER EDUCATE	0.00000000	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.00060272	0.00084203	0.00065825	0.00077847	0.00037673	0.00074437	0.00036840	0.00010235
92 OTHER PRO SER	0.00010696	0.00016532	0.00013693	0.00013860	0.00005022	0.00010637	0.00004602	0.00001428
93 OTHER SERVICE	0.00053944	0.00107212	0.00051409	0.00082600	0.00037187	0.00053574	0.00033966	0.00026192
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.46144049	1.59469061	1.47287060	1.57080855	1.30434646	1.52670911	1.29135786	1.08811988

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS ,TEXAS, 1967

	9	10	11	12	13	14	15	16
1 IRR COTTON	0.03042002	0.00895226	0.00775766	0.29306214	0.00001966	0.00010407	0.00005986	0.00005469
2 IRR FOOD GRAIN	0.00004389	0.00021194	0.00095061	0.00000021	0.00000008	0.00000047	0.00000027	0.00000024
3 IRR FEED GRAIN	0.00355414	0.13617641	0.10224066	0.00002139	0.00000816	0.00004797	0.00002761	0.00002500
4 OTHER IRR CROP	0.01570731	0.01557627	0.05351395	0.00001808	0.00000759	0.00004040	0.00002290	0.00002128
5 DRY COTTON	0.00621740	0.00182971	0.00158555	0.05989692	0.00000402	0.00002127	0.00001223	0.00001118
6 DRY FOOD GRAIN	0.00001211	0.00005849	0.00026233	0.00000006	0.00000002	0.00000013	0.00000007	0.00000007
7 DRY FEED GRAIN	0.00135875	0.03521090	0.03875766	0.00000765	0.00000291	0.00001720	0.00000993	0.00000892
8 OTHER DRY CROP	0.00000547	0.00247290	0.03605762	0.00000137	0.00000045	0.00000254	0.00000200	0.00000134
9 RANGE LVSTK	1.06832211	0.01771118	0.00002829	0.00000532	0.00000210	0.00001153	0.00000627	0.00000649
10 FEEDLOT LVSTK	0.00014474	1.00002616	0.00017665	0.00003120	0.00001230	0.00006766	0.00003679	0.00003810
11 DAIRY&POULTRY	0.00016001	0.00002694	1.12941626	0.00004056	0.00001301	0.00007423	0.00005979	0.00003912
12 GIN&COMPRESS	0.00221815	0.00066179	0.00061036	1.02090684	0.00000216	0.00000875	0.00001551	0.00000524
13 AG SERVICES	0.02049002	0.01414017	0.05108445	0.04693504	1.000038073	0.00001127	0.00000748	0.00000595
14 CRUDE PETRO	0.01529926	0.01115252	0.02211902	0.01953793	0.01746408	1.00460096	0.31480558	0.02807398
15 NATURAL GAS	0.00059518	0.00142319	0.00186974	0.00219042	0.00026951	0.00066300	1.00075675	0.00288469
16 OIL&GAS SERV	0.00308783	0.00245609	0.00464548	0.00405254	0.00345519	0.11809343	0.05727512	1.22482840
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000151	0.00000070	0.00000390	0.00000352	0.00000026	0.00000012	0.00000812	0.00000050
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00001264	0.00000589	0.00003263	0.00002942	0.00000215	0.00000098	0.00006790	0.00000418
21 MREPAIR CONS	0.000980894	0.00457150	0.02532903	0.02284048	0.00167276	0.00076449	0.05270773	0.00324830
22 MEAT PRODUCTS	0.00044997	0.00007335	0.00051413	0.00009736	0.00003838	0.00021112	0.00011480	0.00011888
23 DAIRIES	0.00053981	0.00008699	0.00061043	0.00010962	0.00004249	0.00025556	0.00013727	0.00012999
24 MILLING&FEEDS	0.01017548	0.04913855	0.22039683	0.00004824	0.00001842	0.00011008	0.00006297	0.00005636
25 FOOD PROCESS	0.06621713	0.01948118	0.01685806	0.00009832	0.00004234	0.00022580	0.00012318	0.00011825
26 BEVERAGES	0.00005239	0.00001864	0.00005160	0.00007417	0.00000987	0.00002910	0.00002767	0.00024488
27 TEXTILE PROD	0.00024860	0.00011931	0.00029211	0.00002814	0.00000386	0.00000677	0.00005755	0.00000687
28 WOOD PRODUCTS	0.00064398	0.00030048	0.00165516	0.00148727	0.00011620	0.00009595	0.00345082	0.00023314
29 PAPER-PRINT	0.00203466	0.00095553	0.00280477	0.00267592	0.00246106	0.00030560	0.00032547	0.00187682
30 CHEMICALS	0.00409320	0.01300611	0.01624765	0.02008362	0.00061955	0.00368423	0.00514638	0.00094428
31 PETRO PRODUCT	0.03030837	0.01456811	0.03447075	0.02131778	0.03859070	0.00868799	0.02181754	0.06187169
32 SOIL&ROCK PRO	0.00019997	0.00009601	0.00051070	0.00047582	0.00004424	0.00020446	0.00115716	0.00007927
33 METAL PRODUCT	0.00078531	0.00042703	0.00218192	0.00177708	0.00028725	0.00016529	0.00429409	0.00031049
34 PLUMB&REL PRO	0.00002699	0.00001303	0.00006982	0.00006315	0.00000469	0.00000293	0.00014436	0.00000920
35 MACHINERY	0.00059740	0.00047839	0.00135415	0.00124847	0.01612110	0.01212189	0.00412962	0.00037065
36 ELECTRONIC EQ	0.00013331	0.00018555	0.00055627	0.00020461	0.00017265	0.00007282	0.00045878	0.00005098
37 TRANS EQUIP	0.00002153	0.00002266	0.00008051	0.00004415	0.00001468	0.00001588	0.00376183	0.00002231
38 OTHER MFG	0.00001669	0.00001014	0.00002812	0.00001403	0.00001233	0.00002916	0.00002292	0.00007209
39 RAIL TRANS	0.00112151	0.00266880	0.00938808	0.00078547	0.00132832	0.00020098	0.00066563	0.00093431
40 INTERCI RU HI	0.00001065	0.00000405	0.00001991	0.00000935	0.00004146	0.00000191	0.00000203	0.00000551
41 MOTOR FREIGHT	0.00232655	0.00202507	0.00752725	0.00236230	0.00368306	0.00030439	0.00059927	0.00179166
42 OTHER WARH	0.00432525	0.00014009	0.01954120	0.00338685	0.00005865	0.00004787	0.00006146	0.00002957
43 AIR TRANS	0.00029384	0.00012365	0.00041993	0.00035046	0.00020885	0.00008550	0.00009384	0.00056475
44 PIPELINE TRN	0.00001645	0.00005228	0.00006531	0.00008074	0.00000249	0.00001481	0.00002069	0.00000380
45 LOC&SUB TRANS	0.00000002	0.00000002	0.00000008	0.00000004	0.00000001	0.00000001	0.00000355	0.00000002
46 OTHER TRN SER	0.00007751	0.00022462	0.00050889	0.00003891	0.00019787	0.00001312	0.00001043	0.00010103
47 TELEPHONE	0.00424263	0.00247231	0.00897395	0.00544241	0.00632832	0.00154480	0.00376883	0.00503744
48 RADIO&TV	0.00100629	0.00080296	0.00132607	0.00116366	0.00204228	0.00012231	0.00014390	0.00068280
49 OTHER COMMUN	0.00000080	0.00000037	0.00000207	0.00000186	0.00000014	0.00000006	0.00000430	0.00000027
50 GAS SERVICE	0.00360923	0.00589079	0.00934787	0.01245506	0.00234771	0.00083996	0.00186162	0.00295477
51 ELECT SERVICE	0.00585660	0.00570563	0.01321113	0.02116285	0.00367582	0.00173140	0.00273229	0.00436237
52 WATER&SAN SER	0.00033689	0.00029078	0.00086742	0.00235170	0.00054799	0.00016660	0.00691116	0.00064482
53 WHL AUTO PART	0.00267404	0.00066045	0.00507182	0.00215414	0.00131196	0.00028504	0.00017540	0.00175737
54 WHL GROCERIES	0.00083091	0.00033374	0.00091933	0.00057216	0.00023782	0.00024914	0.00014810	0.00169935
55 WHL FARM PROD	0.01228951	0.03769785	0.08748273	0.00167738	0.03552712	0.00002382	0.00001437	0.00001237
56 WHL LIVESTOCK	0.00638556	0.00964910	0.00000224	0.00000040	0.00000016	0.00000087	0.00000047	0.00000049
57 WHL ENDUST MA	0.00070133	0.00044831	0.00107032	0.00056746	0.00664373	0.00508525	0.00406968	0.05062659

58 WHL FARM MACH	0.00073056	0.00050170	0.00074691	0.00263988	0.00033326	0.00000878	0.00000460	0.00004863
59 WHL PETRO PRO	0.00434955	0.00216771	0.00575661	0.00408517	0.01565352	0.00098011	0.00068019	0.00657125
60 GENERAL WHL	0.00161201	0.00110370	0.00449788	0.00461451	0.00112786	0.00192036	0.00129455	0.01184429
61 LUMBER YARDS	0.01432724	0.00023909	0.01098991	0.00003050	0.00000158	0.00000133	0.00000196	0.00000273
62 RET FARM EQUI	0.00292661	0.00258501	0.00321565	0.00291111	0.00232025	0.00000216	0.00000125	0.00000112
63 AG SUPPLIES	0.00106264	0.00391979	0.00510284	0.00535029	0.00000095	0.00000437	0.00000253	0.00000223
64 HARDWARE	0.00280539	0.00052389	0.00519012	0.00066651	0.00003076	0.00000504	0.00000420	0.00003478
65 DEPT&VARIETY	0.00001635	0.00000138	0.00001479	0.00000018	0.00000100	0.00000002	0.00000003	0.00000001
66 FOOD	0.00000003	0.00000001	0.00000004	0.00000002	0.00000000	0.00000000	0.00000004	0.00000001
67 AUTO DEAL&REP	0.01564991	0.00291137	0.02952828	0.01224503	0.00117753	0.00138550	0.00071563	0.00867788
68 GAS SERV STAT	0.00792733	0.00333120	0.00766757	0.00423783	0.00071848	0.00170465	0.00092184	0.01073760
69 APPAREL&ACCES	0.00000195	0.00000079	0.00000191	0.00000099	0.00000006	0.00000015	0.00000016	0.00000038
70 FURN&HOME FUR	0.00000248	0.00000047	0.00000462	0.00000065	0.00000003	0.00000001	0.00000015	0.00000004
71 EAT&DRINK	0.00079795	0.00033809	0.00142385	0.00127931	0.00021253	0.00040414	0.00027920	0.00404412
72 OTHER RETAIL	0.00010002	0.00016286	0.01547196	0.00009097	0.00027375	0.00001890	0.00006709	0.00010593
73 BANK&CREDIT	0.04247246	0.03863770	0.03324920	0.01644079	0.00521014	0.00133377	0.00115825	0.01115928
74 INSURANCE	0.03754532	0.00555560	0.03140884	0.01313267	0.00347947	0.00077750	0.00105553	0.00633129
75 F.I.R.E.,NEC	0.00276835	0.00180008	0.00325878	0.01070988	0.00089219	0.00500209	0.00407496	0.04320232
76 LEGAL SERVICE	0.00073720	0.00049217	0.00135103	0.00269764	0.00067682	0.00026924	0.00025759	0.00185673
77 LODG&ENG	0.00062126	0.00032519	0.00135501	0.00064844	0.00347458	0.00087177	0.00043019	0.00415156
78 PERSONAL SERV	0.00008609	0.00005646	0.00019972	0.00007980	0.00010454	0.00003404	0.00005186	0.00020209
79 ADVERTISING	0.00097114	0.00057920	0.00150387	0.00062425	0.00029779	0.00015798	0.00023840	0.00109203
80 RES&DEVELOPE	0.00009775	0.00017361	0.00028401	0.00027638	0.00063869	0.00004873	0.00008492	0.00006203
81 OTHER BUS SER	0.00478114	0.00437501	0.01163531	0.00723157	0.06864463	0.00047455	0.00107825	0.00301516
82 MOTION PIC&RE	0.00002189	0.00001090	0.00002297	0.00000891	0.00000204	0.00000911	0.00001264	0.00000589
83 AUTO RENT&PAR	0.00018573	0.00025948	0.00082262	0.00052561	0.00053429	0.00035840	0.00017130	0.00047975
84 MISC REP SERV	0.00212602	0.00276639	0.01122354	0.01952436	0.00053217	0.00166241	0.00085380	0.01558122
85 PHYS&DENTIST	0.00018294	0.00002756	0.00015113	0.00007163	0.00001667	0.00000374	0.00000843	0.00003033
86 HOSPITAL&LAB	0.00000299	0.00000080	0.00000300	0.00000152	0.00000091	0.00000051	0.00012817	0.00000187
87 OTHER MEDICAL	0.00000065	0.00000011	0.00000073	0.00000015	0.00000006	0.00000028	0.00000036	0.00000017
88 EL&SEC SCHDOL	0.02122358	0.00341784	0.02398780	0.00429532	0.00166340	0.01005050	0.00537988	0.00508369
89 COLLEGE&UNIV	0.00077302	0.00039845	0.00125846	0.00057065	0.00069226	0.00537891	0.00297508	0.00231894
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000017	0.00000000
91 ACCT&AUD&BOOK	0.00053288	0.00032365	0.00098616	0.00156009	0.00187748	0.00016230	0.00023110	0.00136260
92 OTHER PRO SER	0.00008548	0.00010955	0.00036265	0.00006824	0.00015537	0.00066185	0.00031695	0.00014954
93 OTHER SERVICE	0.00087152	0.00035729	0.00124245	0.00270531	0.00053546	0.00030325	0.00026445	0.00163931
94 ORDANCE	0	0	0	0	0	0	0	0
TOTAL	1.50850730	1.49829108	2.15479063	1.69331822	1.25738120	1.19546943	1.51514704	1.53677991

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	17	18	19	20	21	22	23	24
1 IRR COTTON	0.00002689	0.00002872	0.00002710	0.00005461	0.00009777	0.00475463	0.00188264	0.00125199
2 IRR FOOD GRAIN	0.00000011	0.00000011	0.00000011	0.00000015	0.00000050	0.00024204	0.00022712	0.00453675
3 IRR FEED GRAIN	0.00001166	0.00001077	0.00001164	0.00001599	0.00005235	0.06061641	0.02442695	0.36524764
4 OTHER IRR CROP	0.00001039	0.00000966	0.00000995	0.00001617	0.00003467	0.00728500	0.01279022	0.00042098
5 DRY COTTON	0.00000550	0.00000587	0.00000554	0.00001116	0.00001998	0.000097178	0.00038478	0.00025589
6 DRY FOOD GRAIN	0.00000003	0.00000003	0.00000003	0.00000004	0.00000014	0.00006679	0.00006268	0.00125197
7 DRY FEED GRAIN	0.00000417	0.00000385	0.00000416	0.00000565	0.00001946	0.01743808	0.00925954	0.13989024
8 OTHER DRY CROP	0.00000063	0.00000058	0.00000064	0.00000085	0.00001312	0.00165073	0.00861087	0.00000250
9 RANGE LVSTK	0.00000294	0.00000269	0.00000297	0.00000469	0.00000442	0.05802194	0.00001018	0.00001115
10 FEEDLOT LVSTK	0.00001726	0.00001745	0.00001745	0.00002754	0.00002594	0.34047976	0.00006227	0.00011635
11 DAIRY&POULTRY	0.00001832	0.00001695	0.00001877	0.00002442	0.00004902	0.02534271	0.26971273	0.00006929
12 GING&COMPRESS	0.00000259	0.00001526	0.00000770	0.000005812	0.00018510	0.00035828	0.00014922	0.00028763
13 AG SERVICES	0.00000286	0.00000324	0.00000311	0.00000656	0.00003001	0.00752704	0.01254285	0.01765107
14 CRUDE PETRO	0.00833954	0.00674916	0.00697767	0.02166712	0.01732414	0.00735300	0.01263505	0.02943267
15 NATURAL GAS	0.00011863	0.00009195	0.00010886	0.00043989	0.00259152	0.00069396	0.00062810	0.00349565
16 OIL&GAS SERV	0.00386616	0.00244010	0.00222714	0.01285471	0.00614809	0.00154334	0.00251340	0.00657830
17 RESIDENT CONS	1.00000000	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000017	1.00000015	0.00000043	0.00209467	0.00015456	0.00000098	0.00000154	0.00000236
19 INDUSTRY CONS	0	0	1.00000000	0	0	0	0	0
20 FACILITY CONS	0.00000141	0.00000124	0.00000362	1.00014119	0.00129260	0.00000821	0.00001288	0.00001977
21 M&REPAIR CONS	0.00109207	0.00096041	0.00281179	0.00170464	1.00344545	0.00637426	0.01000147	0.01534373
22 MEAT PRODUCTS	0.00005387	0.00004917	0.00005444	0.00008593	0.00008092	1.06251142	0.00018544	0.00018584
23 DAIRIES	0.00006162	0.00005716	0.00006083	0.00008058	0.00009498	0.00010142	1.00021357	0.00021892
24 MILLING&FEEDS	0.00002645	0.00002450	0.00002631	0.00003500	0.00011506	0.05611604	0.05265755	1.05183501
25 FOOD PROCESS	0.00005813	0.00005410	0.00005533	0.00008433	0.00009926	0.01034232	0.00409045	0.00260000
26 BEVERAGES	0.00011190	0.00005188	0.00010921	0.00010441	0.00011856	0.00001436	0.00001837	0.00002938
27 TEXTILE PROD	0.00000344	0.00006763	0.00002953	0.00027754	0.00091162	0.00009812	0.00007649	0.00101509
28 WOOD PRODUCTS	0.00018173	0.01047064	0.00019039	0.00131141	0.06505861	0.00042015	0.00066263	0.00101241
29 PAPER-PRINT	0.00122652	0.00148373	0.00357312	0.00169186	0.00230007	0.00246817	0.00180650	0.00244368
30 CHEMICALS	0.00027755	0.00021849	0.00033310	0.00170530	0.02353075	0.00615574	0.00495319	0.03149547
31 PETRO PRODUCT	0.01596544	0.01243737	0.01325261	0.04408525	0.02995691	0.01051411	0.02178935	0.04474913
32 SOIL&ROCK PRO	0.04091448	0.02826629	0.02411232	0.06581477	0.01957965	0.00015465	0.00021571	0.00032966
33 METAL PRODUCT	0.02576224	0.02708523	0.00581702	0.07027800	0.07439024	0.00055445	0.00084901	0.00207252
34 PLUMB&REL PRO	0.00000342	0.00000307	0.00261510	0.00530428	0.00273368	0.00001778	0.00002768	0.00004335
35 MACHINERY	0.000714473	0.00451443	0.02438617	0.01505396	0.00608147	0.00029342	0.00045228	0.00101297
36 ELECTRONIC EQ	0.00003311	0.00002762	0.00006801	0.04832807	0.00790660	0.00013297	0.00029206	0.00054378
37 TRANS EQUIP	0.00034976	0.00013256	0.00008829	0.00083954	0.00142012	0.00002168	0.00003068	0.00017101
38 OTHER MFG	0.00001967	0.00001788	0.00001798	0.00026325	0.00013066	0.00001403	0.00004656	0.00003978
39 RAIL TRANS	0.00191809	0.00195309	0.00063354	0.00524839	0.00561053	0.00235870	0.00314273	0.03475318
40 INTERCI RU HI	0.00000528	0.00000565	0.00001049	0.00001409	0.00001931	0.00000462	0.00000638	0.00001556
41 MOTOR FREIGHT	0.00416378	0.00616151	0.00238987	0.00267516	0.00632740	0.00841413	0.01704507	0.01164044
42 OTHER WARH	0.00001816	0.00001747	0.00002328	0.00155182	0.00065046	0.00144116	0.00472141	0.00015309
43 AIR TRANS	0.00069141	0.00091047	0.00259677	0.00082076	0.00039304	0.00037675	0.00019497	0.00035264
44 PIPELINE TRN	0.00000112	0.00000088	0.00000134	0.00000686	0.00009459	0.00002475	0.00001991	0.00012661
45 LOC&SUB TRANS	0.00000033	0.00000012	0.00000008	0.00000079	0.00000134	0.00000002	0.00000003	0.00000016
46 OTHER TRN SER	0.00000585	0.00000491	0.00000269	0.00001691	0.00002969	0.00010870	0.00029901	0.00050841
47 TELEPHONE	0.00654174	0.00547625	0.00412064	0.00372256	0.00595267	0.00333965	0.00471329	0.00777455
48 RADIO&TV	0.00071069	0.00085188	0.00032503	0.00060737	0.00113228	0.00083736	0.00135924	0.00157612
49 OTHER COMMUN	0.00000009	0.00000008	0.00000023	0.00002127	0.00008192	0.00000052	0.00000082	0.00000125
50 GAS SERVICE	0.00231041	0.00210402	0.00198043	0.00470012	0.00547812	0.00353587	0.00449099	0.01260771
51 ELECT SERVICE	0.00250135	0.00204913	0.00316037	0.00312239	0.00471644	0.00557313	0.00680968	0.01855320
52 WATER&SAN SER	0.00038683	0.00030053	0.00064804	0.00055002	0.00106689	0.00270627	0.00149771	0.00190117
53 WHL AUTO PART	0.00059442	0.00062429	0.00043860	0.00074985	0.00071108	0.00099892	0.00311693	0.00222590
54 WHL &ROCERIES	0.00038580	0.00033288	0.00031154	0.00050819	0.00061278	0.04270235	0.00224484	0.00125081
55 WHL FARM PROD	0.00000580	0.00000539	0.00000581	0.00000793	0.00003871	0.01794000	0.05290992	0.07885314
56 WHL LIVESTOCK	0.00000022	0.00000020	0.00000022	0.00000036	0.00000033	0.00438942	0.00000079	0.00000132
57 WHL &NDUST MA	0.00100256	0.00084317	0.00038940	0.00438157	0.00037365	0.00030797	0.00047827	0.00078332

58 WHL FARM MACH	0.00002699	0.00001613	0.00001255	0.00001300	0.00001269	0.00026653	0.00018737	0.00110672
59 WHL PETRO PRO	0.00306548	0.00245050	0.00222108	0.00246140	0.00264894	0.00180492	0.00538752	0.00879330
60 GENERAL WHL	0.02298145	0.04384160	0.02281485	0.00253871	0.00462821	0.00240930	0.00247845	0.00311378
61 LUMBER YARDS	0.00000099	0.00000215	0.00000092	0.00002081	0.00001399	0.00102538	0.00262511	0.00000411
62 RET FARM EQUI	0.00012738	0.00004648	0.00003679	0.00000104	0.00000246	0.00130454	0.00076926	0.00650001
63 AG SUPPLIES	0.00000115	0.00000123	0.00000132	0.00000202	0.00000514	0.00180275	0.00121971	0.00931864
64 HARDWARE	0.00000419	0.00000472	0.00000833	0.00001032	0.00001987	0.00046914	0.00124187	0.00111245
65 DEPT&VARIETY	0.00000000	0.00000000	0.00000000	0.00000003	0.00000014	0.00000168	0.00000443	0.00000236
66 FOOD	0.00000000	0.00000012	0.00000000	0.00000392	0.00000074	0.00000001	0.00000001	0.00000005
67 AUTO DEAL&REP	0.00159787	0.00169055	0.00129379	0.00224554	0.00209019	0.00404349	0.00860110	0.00808913
68 GAS SERV STAT	0.00088584	0.00089517	0.00178267	0.00410633	0.00369827	0.00229989	0.00194443	0.00842023
69 APPAREL&ACCES	0.00000007	0.00000008	0.00000006	0.00000013	0.00000065	0.00000050	0.00000055	0.00000114
70 FURN&HOME FUR	0.00000001	0.00000045	0.00000002	0.00000007	0.00000282	0.00000043	0.00000112	0.00000102
71 EAT&DRINK	0.00128912	0.00105196	0.00085645	0.00098897	0.00154006	0.00033340	0.00043510	0.00283459
72 OTHER RETAIL	0.000004197	0.000003953	0.00023751	0.00060317	0.00110547	0.00044166	0.00372939	0.00016164
73 BANK&CREDIT	0.01303396	0.00643075	0.00557074	0.00754183	0.00519725	0.01710848	0.00967325	0.01702038
74 INSURANCE	0.00771846	0.01375774	0.00227775	0.01042678	0.01042701	0.00660804	0.00971871	0.00921153
75 F.I.R.E.,NEC	0.00972562	0.00332214	0.01897223	0.00919295	0.00596383	0.00114111	0.00128690	0.00324505
76 LEGAL SERVICE	0.00126166	0.00151793	0.00083349	0.00100734	0.00194605	0.00051610	0.00090412	0.00149320
77 LODG&NG	0.00158454	0.00143642	0.00043087	0.00072389	0.00125754	0.00029705	0.00043176	0.00249830
78 PERSONAL SERV	0.00011519	0.00011735	0.00006921	0.00044391	0.00046016	0.00047782	0.00098355	0.00046167
79 ADVERTISING	0.00100317	0.00096271	0.00052338	0.00109346	0.00238091	0.00058000	0.00268545	0.00214189
80 RES&DEVELOPE	0.00003196	0.00003199	0.00015291	0.00053561	0.00065317	0.00010500	0.00009573	0.00050364
81 OTHER BUS SER	0.00194916	0.00228183	0.01501872	0.00705077	0.01489491	0.00434101	0.00399198	0.01939123
82 MOTION PIC&RE	0.00008580	0.00013234	0.00001071	0.00003893	0.00014083	0.00000880	0.00000870	0.00005713
83 AUTO RENT&PAR	0.00169206	0.00110692	0.00053320	0.00515048	0.00027624	0.00020985	0.00035314	0.00219075
84 MISC REP SERV	0.00024562	0.00098508	0.01821537	0.00078433	0.00064810	0.00261956	0.00413015	0.01315438
85 PHYS&DENTIST	0.00003694	0.00006582	0.00001095	0.00005110	0.00004995	0.00005576	0.00005314	0.00004424
86 HOSPITAL&LAB	0.00000073	0.00000095	0.00000186	0.00000436	0.00000296	0.00089833	0.00024533	0.00000190
87 OTHER MEDICAL	0.00000008	0.00000009	0.00000008	0.00000014	0.00000013	0.00140684	0.00000066	0.00000026
88 EL&SEC SCHOOL	0.00241596	0.00224276	0.00238186	0.00311742	0.00372871	0.00386128	0.00835090	0.00859865
89 COLLEGE&UNIV	0.00078867	0.00072049	0.00083503	0.00087854	0.00145934	0.00065780	0.00149264	0.00176420
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000001	0.00000000	0.00000119	0.00000033	0.00000000
91 ACCT&AUDEBOOK	0.00147624	0.00130111	0.00088959	0.00214590	0.00251991	0.00042830	0.00095433	0.00075026
92 OTHER PRO SER	0.00019755	0.00004915	0.00003017	0.00022154	0.00027869	0.00010454	0.00019111	0.00133574
93 OTHER SERVICE	0.00154410	0.00159359	0.00103540	0.00130460	0.00171194	0.00222664	0.00076184	0.00101788
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.20188931	1.20505797	1.20112669	1.38788742	1.36941650	1.84557719	1.63227307	2.03308399

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) :

HIGH PLAINS

, TEXAS, 1967

	25	26	27	28	29	30	31	32
1 IRR COTTON	0.46128819	0.00107058	0.07860876	0.00040307	0.00003890	0.00007422	0.00011126	0.00005613
2 IRR FOOD GRAIN	0.00000046	0.00000020	0.00000026	0.00000018	0.00000016	0.00000029	0.00000045	0.00000025
3 IRR FEED GRAIN	0.00004646	0.00002024	0.00002652	0.00001886	0.00001657	0.00002955	0.00004569	0.00002515
4 OTHER IRR CROP	0.16077093	0.00037498	0.00002299	0.00001663	0.00001496	0.00002786	0.00004261	0.00002180
5 DRY COTTON	0.09428045	0.00021881	0.01606629	0.00008238	0.00000795	0.00001517	0.00002274	0.00001147
6 DRY FOOD GRAIN	0.00000013	0.00000005	0.00000007	0.00000005	0.00000005	0.00000008	0.00000012	0.00000007
7 DRY FEED GRAIN	0.00001663	0.00000722	0.00000945	0.00000674	0.00000594	0.00001064	0.00001638	0.00000900
8 OTHER DRY CROP	0.00000259	0.00000108	0.00000147	0.00000102	0.00000089	0.00000227	0.00000244	0.00000135
9 RANGE LVSTK	0.00001143	0.00000521	0.00000699	0.00000475	0.00000402	0.00000664	0.00001100	0.00000625
10 FEEDLOT LVSTK	0.00006710	0.00003058	0.00004099	0.00002790	0.00002356	0.00003897	0.00006455	0.00003669
11 DAIRY&POULTRY	0.00007588	0.00003135	0.00004282	0.00002968	0.00002612	0.00006820	0.00007147	0.00003936
12 GIN&COMPRESS	0.03357703	0.00007871	0.27368342	0.00125890	0.00000378	0.00002113	0.00001059	0.00000523
13 AG SERVICES	0.02273325	0.00005536	0.01258706	0.00006225	0.00000407	0.00000881	0.00001139	0.00000602
14 CRUDE PETRO	0.03222710	0.00647461	0.02550352	0.00434064	0.00431825	0.07761258	0.48267384	0.05732424
15 NATURAL GAS	0.00473290	0.00009267	0.00087450	0.0005725	0.00007565	0.11422892	0.00749100	0.00093672
16 OIL&GAS SERV	0.00696900	0.00111238	0.00474033	0.00073707	0.00068711	0.06369166	0.09784867	0.03888441
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000154	0.00000010	0.00000121	0.00000027	0.00000018	0.00001053	0.00000050	0.00000036
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00001289	0.00000084	0.00001016	0.00000227	0.00000150	0.00008809	0.00000418	0.00000298
21 M&REPAIR CONS	0.01000733	0.00065222	0.00788455	0.00175852	0.00116542	0.06838768	0.00324276	0.00231677
22 MEAT PRODUCTS	0.00020938	0.00009543	0.00012792	0.00008705	0.00007353	0.00012160	0.00020141	0.00011448
23 DAIRIES	0.00024880	0.00010691	0.00013639	0.00009990	0.00008873	0.00014574	0.00024270	0.00013259
24 MILLING&FEEDS	0.00010580	0.00004575	0.00005952	0.00004279	0.00003793	0.00006728	0.00010477	0.00005727
25 FOOD PROCESS	1.00415203	0.00232998	0.00012648	0.00009281	0.00008407	0.00015152	0.00024059	0.00012147
26 BEVERAGES	0.00004940	1.00906440	0.0005723	0.00001421	0.00001430	0.00003246	0.00002926	0.00002141
27 TEXTILE PROD	0.00346823	0.00001207	1.37199945	0.00629582	0.00000512	0.00008105	0.00001361	0.00000625
28 WOOD PRODUCTS	0.00065826	0.00005286	0.00053446	1.00351297	0.00008613	0.00445491	0.00030198	0.00017740
29 PAPER-PRINT	0.00185276	0.00167265	0.00370441	0.00377212	1.00738096	0.00120784	0.00206007	0.00180240
30 CHEMICALS	0.04423915	0.00042206	0.00635230	0.00023038	0.00049421	1.10648157	0.01541473	0.00186625
31 PETRO PRODUCT	0.02976796	0.00931524	0.04018392	0.00599727	0.00435194	0.04493840	1.13728979	0.13247012
32 SOIL&ROCK PRO	0.00021534	0.00003126	0.00021092	0.00005046	0.00003653	0.00147419	0.00024249	1.01089901
33 METAL PRODUCT	0.00083252	0.00006672	0.00070092	0.00014246	0.00039571	0.00615553	0.00088078	0.00027468
34 PLUMB&REL PRO	0.00002917	0.00000199	0.00002219	0.00000500	0.00000339	0.00023102	0.00001018	0.00000674
35 MACHINERY	0.00110513	0.00072831	0.00060347	0.00006937	0.00037972	0.00871835	0.00597281	0.00072564
36 ELECTRONIC EQ	0.00011201	0.00001959	0.00009737	0.00002737	0.00003454	0.00093870	0.00014059	0.00004956
37 TRANS EQUIP	0.00003742	0.00000397	0.00002121	0.00000530	0.00008691	0.00057334	0.00010224	0.00001788
38 OTHER MFG	0.00002405	0.00012534	0.00002943	0.00003658	0.00004529	0.00006118	0.00004113	0.00009509
39 RAIL TRANS	0.00109230	0.00018671	0.00082119	0.00014481	0.00036806	0.01357273	0.01573678	0.00187649
40 INTERCI RU HI	0.00000804	0.00002602	0.00001573	0.00000288	0.00002072	0.00000326	0.00000293	0.00000365
41 MOTOR FREIGHT	0.00425380	0.00082145	0.00577293	0.03472484	0.00187870	0.00323065	0.00531628	0.02847325
42 OTHER WAREH	0.00023990	0.00002369	0.00093886	0.00002960	0.00146139	0.00008783	0.00005332	0.00002975
43 AIR TRANS	0.00026821	0.00004776	0.00070899	0.00013644	0.00088712	0.00077431	0.00136738	0.00036396
44 PIPELINE TRN	0.00017784	0.00000170	0.00002554	0.00000093	0.00000199	0.00444800	0.00000619	0.00000750
45 LOC&SUB TRANS	0.00000004	0.00000000	0.00000002	0.00000000	0.00000008	0.00000054	0.00000000	0.00000002
46 OTHER TRN SER	0.00005198	0.00000168	0.00002051	0.00000362	0.00000710	0.000091283	0.000004478	0.00000880
47 TELEPHONE	0.00439900	0.00216567	0.01709692	0.01682458	0.00665657	0.00343666	0.00298395	0.00558786
48 RADIO&TV	0.00365565	0.01025901	0.00097642	0.00098887	0.0141534	0.00046600	0.00067122	0.00275008
49 OTHER COMMUN	0.00000082	0.00000005	0.00000064	0.00000014	0.00000010	0.00000558	0.00000026	0.00000019
50 GAS SERVICE	0.02273044	0.00327635	0.01103766	0.00231756	0.00307600	0.02985870	0.03082421	0.00489479
51 ELECT SERVICE	0.0228163	0.00497547	0.01328422	0.00425391	0.00921769	0.05505582	0.01182589	0.00307739
52 WATER&SAN SER	0.00090778	0.00163650	0.00484669	0.00117546	0.00120676	0.00724465	0.00184640	0.00080865
53 WHL AUTO PART	0.00161222	0.00278940	0.00554099	0.00134037	0.00020103	0.00044795	0.00055846	0.00196464
54 WHL &ROCERIES	0.00181791	0.00004531	0.00057363	0.00025831	0.00011016	0.00023103	0.00020447	0.00016020
55 WHL FARM PROD	0.00142511	0.00001316	0.00045989	0.00001144	0.00000828	0.00001562	0.00002275	0.00001249
56 WHL LIVESTOCK	0.00000087	0.00000039	0.00000053	0.00000036	0.00000030	0.00000050	0.00000083	0.00000047
57 WHL &NDUST MA	0.00524046	0.00014233	0.00042981	0.00014009	0.00008258	0.00317094	0.00424509	0.00167390



58 WHL FARM MACH	0.00424399	0.00001055	0.00088296	0.00000867	0.00000303	0.00000854	0.00000762	0.00001344
59 WHL PETRO PRO	0.00421374	0.00310974	0.00355894	0.00153316	0.00091117	0.00094549	0.00105997	0.00222107
60 GENERAL WHL	0.00229727	0.00083072	0.00447877	0.00097424	0.02157926	0.01411857	0.00336528	0.01696199
61 LUMBER YARDS	0.00000403	0.00000082	0.00001050	0.00012771	0.00000073	0.00001486	0.00003677	0.00000476
62 RET FARM EQUI	0.00520260	0.00001248	0.00078134	0.00000444	0.00000077	0.00000147	0.00000218	0.00000114
63 AG SUPPLIES	0.01268831	0.00003004	0.00143616	0.00001909	0.00000155	0.00000304	0.00000444	0.00000228
64 HARDWARE	0.00150735	0.00000511	0.00019827	0.00004708	0.00000490	0.00000931	0.00002377	0.00000637
65 DEPT&VARIETY	0.00000027	0.00000000	0.00000006	0.00000014	0.00000000	0.00000559	0.00000012	0.00000002
66 FOOD	0.00000014	0.00000000	0.00000011	0.00001102	0.00000000	0.00000005	0.00000000	0.00000000
67 AUTO DEAL&REP	0.00810597	0.00013301	0.03484710	0.00088449	0.00047313	0.00140196	0.00116590	0.00231953
68 GAS SERV STAT	0.00713117	0.00011139	0.00490996	0.00098868	0.00079864	0.00102206	0.00126324	0.00104730
69 APPAREL&ACCES	0.00001977	0.00000006	0.00000159	0.00000004	0.00000003	0.00002663	0.00000042	0.00000014
70 FURN&HOME FUR	0.00000135	0.00000001	0.00000020	0.00004320	0.00000001	0.00000027	0.00000003	0.00000001
71 EAT&DRINK	0.00051321	0.00011499	0.00093958	0.00009866	0.00021129	0.00048386	0.00038222	0.00031962
72 OTHER RETAIL	0.00008879	0.00002676	0.00077709	0.00002483	0.00043783	0.00010476	0.00003214	0.00019241
73 BANK&CREDIT	0.04406797	0.00383751	0.05525622	0.00285668	0.00164816	0.00186594	0.00161239	0.00406693
74 INSURANCE	0.01499820	0.00058003	0.02165672	0.00021260	0.00737934	0.00529943	0.00255308	0.00548716
75 F.I.R.E.,NEC	0.00570981	0.00332512	0.00562755	0.00199570	0.00123030	0.00389516	0.00474371	0.00264986
76 LEGAL SERVICE	0.00121648	0.00022510	0.00317946	0.00064241	0.00171527	0.00055374	0.00060618	0.00094279
77 LODG&NG	0.00070919	0.00009459	0.00058951	0.00378938	0.00019607	0.00052607	0.00060617	0.00038347
78 PERSONAL SERV	0.00016783	0.00021510	0.00029344	0.00047647	0.00016073	0.00020189	0.00025109	0.00034408
79 ADVERTISING	0.00133897	0.00965906	0.00137946	0.00231375	0.00321912	0.00038625	0.00105867	0.00660292
80 RES&DEVELOPE	0.00050717	0.00001367	0.00012635	0.00003554	0.00006076	0.00099787	0.00063159	0.00010068
81 OTHER BUS SER	0.00659864	0.00059787	0.00511979	0.00341365	0.00603590	0.00220515	0.00213808	0.00315900
82 MOTION PIC&RE	0.00027803	0.00000380	0.00104882	0.00175564	0.00006596	0.00017920	0.00001155	0.00030576
83 AUTO RENT&PAR	0.00024000	0.00007377	0.00086826	0.00035083	0.00009999	0.00018215	0.00172980	0.00069459
84 MISC REP SERV	0.01110136	0.00008641	0.02517872	0.00047183	0.00177793	0.00113264	0.00140704	0.00058689
85 PHYS&DENTIST	0.00012185	0.00000290	0.00010599	0.00001019	0.00003531	0.00002577	0.00001277	0.00002632
86 HOSPITAL&LAB	0.00000261	0.00000031	0.00000204	0.00000031	0.00000053	0.00001585	0.00002079	0.00000279
87 OTHER MEDICAL	0.00000032	0.00000013	0.00000020	0.00000012	0.00000011	0.00000019	0.00000030	0.00000016
88 EL&SEC SCHOOL	0.00977538	0.00418842	0.00532353	0.00390994	0.00348892	0.00572655	0.00954011	0.00520142
89 COLLEGE&UNIV	0.00092576	0.00113357	0.00235973	0.00124708	0.00114901	0.00197034	0.00517506	0.00251768
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000002	0.00000003	0.00000000
91 ACCT&AUD&BOOK	0.00147481	0.00076693	0.00610766	0.00216292	0.00200137	0.00094246	0.00036532	0.00164434
92 OTHER PRO SER	0.00033961	0.00041340	0.00008286	0.00009808	0.00013555	0.00108879	0.00038211	0.00038760
93 OTHER SERVICE	0.00265306	0.00057039	0.00309159	0.00058304	0.00108993	0.00095785	0.00102331	0.00562402
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	2.13233768	1.09114115	2.09790063	1.13364960	1.10577656	1.67940485	1.87193213	1.36403514

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	33	34	35	36	37	38	39	40
1 IRR COTTON	0.00008007	0.00001572	0.000023957	0.00001902	0.00004379	0.00027421	0.00089121	0.00008435
2 IRR FOOD GRAIN	0.00000014	0.00000006	0.00000017	0.00000008	0.00000017	0.00000121	0.00000040	0.00000037
3 IRR FEED GRAIN	0.00001395	0.00000673	0.00001770	0.00000858	0.00001709	0.00012198	0.00004099	0.00003989
4 OTHER IRR CROP	0.00002905	0.00000605	0.00001533	0.00000739	0.00001658	0.00010597	0.00003187	0.00003415
5 DRY COTTON	0.00001636	0.00000321	0.00000809	0.00000389	0.00000895	0.00005604	0.00018215	0.00001724
6 DRY FOOD GRAIN	0.00000004	0.00000002	0.00000005	0.00000002	0.00000005	0.00000033	0.00000011	0.00000010
7 DRY FEED GRAIN	0.00000500	0.00000239	0.00000634	0.00000307	0.00000611	0.00004373	0.00001471	0.00001401
8 OTHER DRY CROP	0.00000091	0.00000036	0.00000094	0.00000046	0.00000093	0.00000642	0.00000317	0.00000206
9 RANGE LVSTK	0.00000337	0.00000190	0.00000436	0.00000217	0.00000431	0.00002945	0.00000956	0.00001251
10 FEEDLOT LVSTK	0.00001977	0.00001114	0.00002561	0.00001274	0.00002531	0.00017284	0.00005612	0.00007340
11 DAIRY&POULTRY	0.00002380	0.00001051	0.00002759	0.00001334	0.00002702	0.00018770	0.00009486	0.00005886
12 GINGCOMPRESS	0.00000776	0.00000176	0.00000385	0.00000191	0.00000630	0.00002334	0.00008285	0.00000783
13 AG SERVICES	0.00000587	0.00000167	0.00000721	0.00000205	0.00000446	0.00002902	0.00005094	0.00000931
14 CRUDE PETRO	0.03283576	0.00412086	0.00762695	0.00296270	0.02778418	0.01108692	0.02000795	0.01360645
15 NATURAL GAS	0.00006100	0.00001654	0.00034940	0.00001781	0.00038565	0.00013753	0.00050484	0.00017873
16 OIL&GAS SERV	0.00400315	0.00054216	0.00132384	0.00041730	0.00532201	0.00194198	0.00406849	0.00251345
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&E&INST C	0.00000099	0.00000005	0.00000017	0.00000008	0.00000034	0.00000011	0.00001468	0.00000046
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000831	0.00000046	0.00000143	0.00000063	0.00000283	0.00000096	0.00012280	0.00000385
21 M&REPAIR CONS	0.00644996	0.00035389	0.00110954	0.00049105	0.00219440	0.00074370	0.09533309	0.00298763
22 MEAT PRODUCTS	0.00006169	0.00003476	0.00007991	0.00003977	0.00007897	0.00053934	0.00017512	0.00022904
23 DAIRIES	0.00007373	0.00003542	0.00009368	0.00004527	0.00009013	0.00064739	0.00020191	0.00019382
24 MILLING&FEEDS	0.00003183	0.00001488	0.00004039	0.00001947	0.00003878	0.00027972	0.00009257	0.00008584
25 FOOD PROCESS	0.00017306	0.00003391	0.00008553	0.00004107	0.00009334	0.00059476	0.00192856	0.00018253
26 BEVERAGES	0.00001550	0.00002675	0.00005693	0.00001001	0.00001894	0.00002411	0.00014443	0.00007284
27 TEXTILE PROD	0.00001051	0.00000329	0.00000525	0.00000281	0.00001625	0.00001936	0.00009870	0.00000930
28 WOOD PRODUCTS	0.00042518	0.00002889	0.00009251	0.00003802	0.00173795	0.00018550	0.00019649	0.00022712
29 PAPER-PRINT	0.00095637	0.00136544	0.00124851	0.001740258	0.00176491	0.00912107	0.00246037	0.00329762
30 CHEMICALS	0.00032968	0.00006066	0.00295376	0.00006753	0.00086575	0.00038364	0.00289784	0.00046096
31 PETRO PRODUCT	0.00366514	0.00156553	0.00805401	0.00185057	0.05667519	0.01747040	0.03931780	0.02495034
32 SOIL&ROCK PRO	0.00013884	0.00001700	0.00002912	0.00001835	0.00007129	0.00003638	0.00190774	0.00013981
33 METAL PRODUCT	1.00212858	0.00003282	0.00749621	0.00628810	0.08708117	0.00009980	0.03343239	0.00024728
34 PLUMB&REL PRO	0.00003025	1.00000108	0.00000348	0.00000153	0.00000732	0.00000415	0.00002631	0.00000868
35 MACHINERY	0.00057894	0.00005434	1.00160021	0.00004719	0.00037412	0.00018077	0.00312547	0.00019471
36 ELECTRONIC EQ	0.00027881	0.00001059	0.00148033	1.05710151	0.00005916	0.00014999	0.00432419	0.00006059
37 TRANS EQUIP	0.00026016	0.00000196	0.00032646	0.00000507	1.000003764	0.00002654	0.00418360	0.00001219
38 OTHER MFG	0.00003708	0.00007237	0.00033114	0.00004942	0.00001918	1.01881905	0.00009612	0.00017455
39 RAIL TRANS	0.06483249	0.00007787	0.00150066	0.00054377	0.000809072	0.00033417	1.05134348	0.00043280
40 INTERCI RU HT	0.00012451	0.00000072	0.00000298	0.00000371	0.000001319	0.00000398	0.00001077	1.00000225
41 MOTOR FREIGHT	0.00190836	0.00516382	0.00451977	0.00131041	0.00729753	0.00453171	0.00923092	0.00108159
42 OTHER WARR	0.00012789	0.00001071	0.00013001	0.00003537	0.00071723	0.00012876	0.00010689	0.00004315
43 AIR TRANS	0.00026662	0.00020952	0.00010739	0.00007745	0.00023775	0.00013212	0.00293773	0.00025527
44 PIPELINE TRN	0.00000133	0.00000024	0.00001187	0.00000027	0.00000348	0.00000154	0.00001165	0.00000185
45 LOC&SUB TRANS	0.00000025	0.00000000	0.00000031	0.00000000	0.00094278	0.00000003	0.00000394	0.00000001
46 OTHER TRN SER	0.00010176	0.00000149	0.00000585	0.00000268	0.00001450	0.00000572	0.00148972	0.00000243
47 TELEPHONE	0.00323492	0.00602350	0.00407409	0.00816707	0.00468473	0.01135091	0.00240332	0.00354966
48 RADIO&TV	0.00115454	0.00224893	0.00084004	0.00018458	0.00044367	0.00020258	0.01182798	0.00531773
49 OTHER COMMUN	0.00000053	0.00000003	0.00000009	0.00000004	0.00000018	0.00000006	0.00000778	0.00000024
50 GAS SERVICE	0.03774610	0.00420157	0.00517667	0.00266949	0.00602332	0.00488664	0.00497347	0.00430372
51 ELECT SERVICE	0.00749335	0.00809467	0.01032434	0.00486425	0.00580128	0.00375516	0.00565241	0.00733242
52 WATER&SAN SER	0.00061998	0.00083876	0.00044990	0.00077330	0.00188389	0.00173527	0.00418461	0.00133719
53 WHL AUTO PART	0.00028298	0.00025959	0.00116759	0.00097263	0.00182300	0.00053374	0.00203852	0.02705372
54 WHL &ROCERIES	0.00008449	0.00013821	0.00011370	0.00008782	0.00012921	0.00030864	0.00012669	0.00030679
55 WHL FARM PROD	0.00000719	0.00000335	0.00000890	0.00000426	0.00000853	0.00006047	0.00002408	0.00001921
56 WHL LIVESTOCK	0.00000025	0.00000014	0.00000033	0.00000016	0.00000033	0.00000223	0.00000072	0.00000095
57 WHL &NDUST MA	0.00021685	0.00006542	0.00127709	0.00050711	0.00099367	0.00028383	0.00036593	0.00021815

58 WHL FARM MACH	0.00000238	0.00000214	0.00001034	0.00003452	0.00000304	0.00001340	0.00001145	0.00000247
59 WHL PETRO PRO	0.00030057	0.00060979	0.00220929	0.00021695	0.00021695	0.00167353	0.00133426	0.01274004
60 GENERAL WHL	0.00342519	0.01624652	0.00708041	0.00286446	0.00784830	0.00117071	0.01459891	0.00362762
61 LUMBER YARDS	0.00000515	0.00000041	0.00000574	0.00000051	0.00000287	0.00000293	0.00000342	0.00000176
62 RET FARM EQUI	0.00000119	0.00000031	0.00000230	0.00000039	0.00000084	0.00000555	0.00001091	0.00000177
63 AG SUPPLIES	0.00000262	0.00000063	0.00001201	0.00000077	0.00000172	0.00001106	0.00002581	0.00000351
64 HARDWARE	0.00006328	0.00000211	0.00000460	0.00000483	0.00000908	0.00000438	0.00001176	0.00000348
65 DEPT&VARIETY	0.00000001	0.00000000	0.00000002	0.00000000	0.00000001	0.00000001	0.00000002	0.00000000
66 FOOD	0.00000001	0.00000001	0.00000000	0.00000000	0.00000000	0.00000000	0.00000007	0.00000002
67 AUTO DEAL&REP	0.00028932	0.00035729	0.00172595	0.00619823	0.00046706	0.00189766	0.00057809	0.00028352
68 GAS SERV STAT	0.00032194	0.00068763	0.00084182	0.00023508	0.00056115	0.00329960	0.00055415	0.00051787
69 APPAREL&ACCES	0.00000002	0.00000002	0.00000014	0.00000026	0.00000004	0.00000010	0.00000013	0.00000003
70 FURN&HOME FUR	0.00000007	0.00000000	0.00000001	0.00000001	0.00000008	0.00000001	0.00000028	0.00000001
71 EAT&DRINK	0.00020709	0.00033562	0.00017221	0.00029581	0.00037166	0.00006551	0.00029512	0.00104994
72 OTHER RETAIL	0.00012982	0.00002278	0.00025066	0.00002423	0.00014023	0.00001981	0.00012878	0.00013885
73 BANK&CREDIT	0.00340394	0.00062110	0.00150886	0.00428239	0.00227404	0.00104122	0.00914722	0.00202625
74 INSURANCE	0.00335690	0.01834722	0.00188407	0.00563007	0.00780625	0.00071369	0.00382298	0.05875857
75 F.I.R.E.,NEC	0.00211176	0.00189999	0.00059436	0.00078359	0.00195330	0.00420345	0.02396022	0.00194349
76 LEGAL SERVICE	0.00115641	0.00453286	0.00053419	0.00395935	0.00202374	0.00024188	0.00077074	0.00551422
77 LODG&NG	0.00037933	0.00025224	0.00039308	0.00023617	0.00023648	0.00009857	0.00031851	0.00111191
78 PERSONAL SERV	0.00061262	0.00036078	0.00017415	0.00047814	0.00125291	0.00003458	0.00881720	0.00032830
79 ADVERTISING	0.00030944	0.00545969	0.00163527	0.00026417	0.00027450	0.00021960	0.00184582	0.01284776
80 RES&DEVELOPE	0.00010769	0.00000704	0.00043691	0.00000741	0.00006640	0.00001656	0.00015596	0.00003317
81 OTHER BUS SER	0.00081339	0.00064020	0.00166971	0.00059255	0.00268140	0.00061706	0.00920524	0.00199104
82 MOTION PIC&RE	0.00017677	0.00000400	0.00000772	0.00000560	0.00002202	0.00859947	0.00002089	0.00001047
83 AUTO RENT&PAR	0.00003279	0.00002971	0.00071264	0.00007263	0.00035262	0.00014029	0.00016383	0.00019520
84 MISC REP SERV	0.00032352	0.00007199	0.01177810	0.00738044	0.01051790	0.00186954	0.00040647	0.00015200
85 PHYS&DENTIST	0.00001607	0.00010233	0.00000902	0.00002694	0.00003738	0.00000347	0.00001841	0.00028111
86 HOSPITAL&LAB	0.00000032	0.00055415	0.00000037	0.00000035	0.00000149	0.00000097	0.00000127	0.00000357
87 OTHER MEDICAL	0.00000009	0.00000097	0.00000011	0.00000006	0.00000012	0.00000072	0.00000024	0.00000039
88 EL&SEC SCHOOL	0.00289708	0.00131530	0.00367845	0.00177517	0.00353439	0.02540544	0.00792131	0.00746578
89 COLLEGE&UNIV	0.00073837	0.00065372	0.00176613	0.00068536	0.00121707	0.01593758	0.00088473	0.00374781
90 OTHER EDUCATE	0.00000000	0.00000074	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.00052037	0.00043858	0.00055830	0.00201304	0.00113941	0.00705439	0.00059354	0.00375986
92 OTHER PRO SER	0.00005605	0.00022580	0.00009975	0.00024870	0.00003348	0.00001754	0.00013288	0.00053390
93 OTHER SERVICE	0.00035861	0.00070513	0.00065641	0.00020717	0.00448805	0.00019681	0.00060330	0.00075279
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.19308508	1.09028242	1.10467029	1.15172237	1.29687951	1.16638003	1.40572092	1.22127951

## INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	41	42	43	44	45	46	47	48
1 IRR COTTON	0.00016728	0.00012895	0.00003033	0.00015426	0.00005712	0.00009452	0.00021092	0.00005716
2 IRR FOOD GRAIN	0.00000074	0.00000058	0.00000013	0.00000070	0.00000024	0.00000037	0.00000096	0.00000025
3 IRR FEED GRAIN	0.00007830	0.00005940	0.00001351	0.00007111	0.00002649	0.00004017	0.00009682	0.00002538
4 OTHER IRR CROP	0.00006664	0.00005002	0.00001193	0.00005980	0.00002320	0.00003456	0.00009198	0.00002208
5 DRY COTTON	0.00003419	0.00002636	0.00000620	0.00003153	0.00001167	0.00001727	0.00004311	0.00001168
6 DRY FOOD GRAIN	0.00000021	0.00000016	0.00000004	0.00000019	0.00000007	0.00000010	0.00000026	0.00000007
7 DRY FEED GRAIN	0.00002772	0.00002127	0.00000480	0.00002551	0.00000926	0.00001406	0.00003469	0.00000909
8 OTHER DRY CROP	0.00000411	0.00000343	0.00000074	0.00000414	0.00000137	0.00000206	0.00000517	0.00000144
9 RANGE LVSTK	0.00002239	0.00001451	0.00000371	0.00001693	0.00000869	0.00001316	0.00002351	0.00000617
10 FEEDLOT LVSTK	0.00013137	0.00008516	0.00002175	0.00009937	0.00005101	0.00007722	0.00013800	0.00003620
11 DAIRY&POULTRY	0.00011854	0.00010032	0.00002164	0.00012192	0.00003910	0.00005847	0.00015132	0.00004227
12 GIN&COMPRESS	0.00001572	0.00001644	0.00000333	0.00001867	0.00000570	0.00000691	0.00001692	0.00000646
13 AG SERVICES	0.00001837	0.00001447	0.00000330	0.00001737	0.00000628	0.00000933	0.00002277	0.00000623
14 CRUDE PETRO	0.03256204	0.00954566	0.05696627	0.04098181	0.05815696	0.01185866	0.00243872	0.00561998
15 NATURAL GAS	0.00035292	0.00007912	0.00088497	0.00026702	0.00086381	0.00016251	0.00001260	0.00008174
16 OIL&GAS SERV	0.00561347	0.00124207	0.01150841	0.00590888	0.01151927	0.00224702	0.00030389	0.00097266
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000110	0.00000391	0.00000061	0.00000516	0.00000039	0.00000014	0.00000014	0.00000129
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000922	0.00003273	0.00000514	0.00004317	0.00000330	0.00000119	0.00000117	0.00001077
21 REPAIR CONS	0.00715806	0.02540528	0.00399268	0.03351339	0.00255965	0.00092427	0.00090985	0.00835809
22 MEAT PRODUCTS	0.00040993	0.00026574	0.00006788	0.00031006	0.00015917	0.00024097	0.00043060	0.00011295
23 DAIRIES	0.00039329	0.00031461	0.00006862	0.00037752	0.00012734	0.00019425	0.00052185	0.00013500
24 MILLING&FEEDS	0.00017267	0.00013526	0.00003004	0.00016271	0.00005620	0.00009538	0.00022157	0.00005791
25 FOOD PROCESS	0.00036189	0.00027620	0.00006530	0.00033105	0.00012335	0.00018351	0.00045813	0.00012296
26 BEVERAGES	0.00006644	0.00002986	0.00002379	0.00001067	0.00005751	0.00007497	0.00008065	0.00005417
27 TEXTILE PROD	0.00001937	0.00003707	0.00000596	0.00003924	0.00008832	0.00000449	0.00000962	0.00001221
28 WOOD PRODUCTS	0.00053591	0.00170310	0.00027381	0.00220368	0.00018387	0.00007794	0.00009998	0.00055197
29 PAPER-PRINT	0.00324190	0.00091534	0.00259814	0.01027075	0.00337742	0.00248673	0.00231118	0.00907513
30 CHEMICALS	0.00093229	0.00067955	0.00189424	0.00135026	0.00185559	0.00037057	0.00009947	0.00034010
31 PETRO PRODUCT	0.04875570	0.00120176	0.13281077	0.02304540	0.12928630	0.02350490	0.00032263	0.00789988
32 SOIL&ROCK PRO	0.00024810	0.00051345	0.00010154	0.00069769	0.00014311	0.00002708	0.00003206	0.00017693
33 METAL PRODUCT	0.00057938	0.00189706	0.00037412	0.00275475	0.00027400	0.00009109	0.00017055	0.00069942
34 PLUMB&REL PRO	0.00002062	0.00006953	0.00001111	0.00009178	0.00000730	0.00000280	0.00000314	0.00002296
35 MACHINERY	0.00046055	0.00027006	0.00072794	0.01976452	0.00073542	0.00015680	0.00005091	0.00012925
36 ELECTRONIC EQ	0.00013427	0.00022457	0.00004976	0.01606686	0.00004427	0.00002731	0.00005543	0.00008738
37 TRANS EQUIP	0.00002685	0.00004014	0.00001806	0.00018351	0.00001666	0.00000654	0.00001286	0.00002494
38 OTHER MFG	0.00017256	0.00001310	0.00010640	0.00223555	0.00013593	0.00004616	0.00005116	0.00033698
39 RAIL TRANS	0.00089555	0.00033329	0.00189193	0.00063293	0.00191958	0.00040742	0.00116100	0.00279773
40 INTERCI RU HI	0.00000316	0.00000322	0.00000119	0.00000281	0.00000203	0.00012219	0.00000270	0.00000687
41 MOTOR FREIGHT	1.00181175	0.00040718	0.00102000	0.00070977	0.00156349	0.00299884	0.00122778	0.00057406
42 OTHER WARH	0.00008398	1.00008861	0.00020261	0.00011116	0.00073394	0.00004017	0.00009854	0.00004622
43 AIR TRANS	0.00043752	0.00010654	1.00025781	0.00007830	0.00036424	0.00034075	0.00002957	0.00136868
44 PIPELINE TRN	0.00000375	0.00000273	0.00000761	1.00000543	0.00000746	0.00000149	0.00000940	0.00000137
45 LOC&SUB TRANS	0.00000003	0.00000034	0.00000002	0.00000017	1.00000002	0.00000001	0.00000001	0.00000002
46 OTHER TRN SER	0.00001047	0.00000583	0.00000710	0.00000399	0.00000848	1.000000327	0.00012149	0.00000744
47 TELEPHONE	0.05315487	0.01457534	0.01036396	0.00145608	0.01221950	0.01190126	1.00058973	0.01843434
48 RADIO&TV	0.00490692	0.00023721	0.00379289	0.00017682	0.00453411	0.00136067	0.00117032	1.01071083
49 OTHER COMMUN	0.00000058	0.00000207	0.00000033	0.00000274	0.00000021	0.00000008	0.00000007	0.00000068
50 GAS SERVICE	0.01560053	0.01088488	0.00431875	0.01600931	0.00745694	0.00290131	0.00277618	0.00293281
51 ELECT SERVICE	0.01526795	0.05604560	0.00301318	0.02219197	0.01230604	0.00397610	0.00943677	0.01227286
52 WATER&SAN SER	0.00128337	0.00135927	0.00046703	0.00022903	0.00214571	0.00048701	0.00130507	0.00117729
53 WHL AUTO PART	0.03371423	0.00291993	0.00440906	0.00014474	0.02107236	0.03153202	0.00007320	0.00021665
54 WHL &GROCERIES	0.00030151	0.00013644	0.00012542	0.00007175	0.00027176	0.00039746	0.00004812	0.00018819
55 WHL FARM PROD	0.000003817	0.00002997	0.00000668	0.00003595	0.00001274	0.00001930	0.00004837	0.00001278
56 WHL LIVESTOCK	0.00000169	0.00000110	0.00000028	0.00000128	0.00000066	0.00000100	0.00000178	0.00000047
57 WHL &NDUST MA	0.00039487	0.00017335	0.00052952	0.00035759	0.00060157	0.00018086	0.00011719	0.000309639

58 WHL FARM MACH	0.00000553	0.00000507	0.00000420	0.00000456	0.00000541	0.00001290	0.00000293	0.00000445
59 WHL PETRO PRO	0.02457634	0.00026817	0.06792687	0.00025775	0.06606545	0.00956523	0.00008718	0.00136793
60 GENERAL WHL	0.02051419	0.00170189	0.00490682	0.00192729	0.00768811	0.00140285	0.00043178	0.00417009
61 LUMBER YARDS	0.00000349	0.00000301	0.00000454	0.00000315	0.00000492	0.00000164	0.00000208	0.00000117
62 RET FARM EQUI	0.00000348	0.00000266	0.00000062	0.00000321	0.00000119	0.00000177	0.00000433	0.00000116
63 AG SUPPLIES	0.00000691	0.00000529	0.00000124	0.00000653	0.00000237	0.00000352	0.00000860	0.00000231
64 HARDWARE	0.00000621	0.00001266	0.00000381	0.00000682	0.00000613	0.000008753	0.00000374	0.00000721
65 DEPT&VARIETY	0.00000001	0.00000001	0.00000001	0.00000001	0.00000002	0.00000000	0.00000000	0.00000000
66 FOOD	0.00000002	0.00000003	0.00000001	0.00000003	0.00000002	0.00000002	0.00000000	0.00000001
67 AUTO DEAL&REP	0.00067750	0.00066810	0.00069971	0.00052567	0.00086627	0.00216698	0.00012559	0.00069409
68 GAS SERV STAT	0.00052238	0.00030623	0.00031169	0.00027079	0.00053574	0.00097554	0.00003799	0.00173651
69 APPAREL&ACCES	0.00000006	0.00000005	0.00000008	0.00000006	0.00000008	0.00000010	0.00000002	0.00000004
70 FURN&HOME FUR	0.00000003	0.00000008	0.00000002	0.00000010	0.00000001	0.00000008	0.00000001	0.00000003
71 EAT&DRINK	0.00092415	0.00039749	0.00042691	0.00010178	0.00093550	0.00126692	0.00002309	0.00009904
72 OTHER RETAIL	0.00022076	0.00014016	0.00022037	0.00005389	0.00030280	0.00022160	0.00000912	0.00014511
73 BANK&CREDIT	0.00341340	0.00077224	0.00406073	0.00061117	0.00694360	0.00240760	0.00233775	0.00239491
74 INSURANCE	0.03832777	0.02138952	0.01664586	0.00142960	0.04167400	0.05820583	0.00049246	0.00089150
75 F.I.R.E.,NEC	0.00310083	0.00155768	0.00126001	0.00104311	0.00214077	0.00206285	0.01456811	0.00953015
76 LEGAL SERVICE	0.01490267	0.00506694	0.00033462	0.00091357	0.01625542	0.00992227	0.00022026	0.00163043
77 LODG&NG	0.00119936	0.00030575	0.00033733	0.00011071	0.00092131	0.00127286	0.00002657	0.00104159
78 PERSONAL SERV	0.00031368	0.00003911	0.00021726	0.00013262	0.00029530	0.00016631	0.00007835	0.00061505
79 ADVERTISING	0.01143613	0.00024225	0.00805697	0.00023658	0.00984447	0.00302959	0.00276433	0.02643993
80 RES&DEVELOPE	0.00004675	0.00002705	0.00008151	0.00004662	0.00008686	0.00181592	0.00000607	0.00009203
81 OTHER BUS SER	0.00177910	0.00144186	0.00090462	0.00080971	0.00175293	0.20272634	0.00052745	0.00935328
82 MOTION PIC&RE	0.00002207	0.00001059	0.00000375	0.00003171	0.00001201	0.00000887	0.00000795	0.00000761
83 AUTO RENT&PAR	0.00032452	0.00004081	0.00067526	0.00009146	0.01545071	0.00082617	0.00003404	0.00286556
84 MISC REP SERV	0.00026815	0.00013433	0.00020757	0.00050712	0.00028350	0.00067994	0.00003828	0.00131100
85 PHYS&DENTIST	0.00018340	0.00010235	0.00007970	0.00000688	0.00019943	0.00027847	0.00000239	0.00000428
86 HOSPITAL&LAB	0.00000321	0.00000142	0.00000328	0.00000090	0.00000453	0.00000352	0.00000052	0.00000033
87 OTHER MEDICAL	0.00000060	0.00000038	0.00000012	0.00000041	0.00000027	0.00000040	0.00000057	0.00000015
88 EL&SEC SCHOOL	0.01527378	0.01236117	0.00267290	0.01485244	0.00488528	0.00745706	0.02052560	0.00530592
89 COLLEGE&UNIV	0.00813467	0.00210694	0.00109578	0.00349970	0.00139289	0.00197865	0.00474960	0.00110404
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00000001	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.01094509	0.00231636	0.00045103	0.00020425	0.00400434	0.00103918	0.00010883	0.00170651
92 OTHER PRO SER	0.00049092	0.00002103	0.00037017	0.00004751	0.00044365	0.00013231	0.00011493	0.00337278
93 OTHER SERVICE	0.00081978	0.00833940	0.00043405	0.00018085	0.00081900	0.00281424	0.00016880	0.00387225
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.38927189	1.19251745	1.35533971	1.23758733	1.45828044	1.41222969	1.07507830	1.16872328

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	49	50	51	52	53	54	55	56
1 IRR COTTON	0.00013565	0.00013361	0.00022253	0.00008386	0.00026263	0.00004744	0.00009232	0.00007326
2 IRR FOOD GRAIN	0.00000061	0.00000060	0.00000096	0.00000012	0.00000072	0.00000021	0.00000021	0.00000033
3 IRR FEED GRAIN	0.00006242	0.00006043	0.00009723	0.00001269	0.00016533	0.00002157	0.00002201	0.00003373
4 OTHER IRR CROP	0.00005269	0.00005095	0.00008274	0.00001039	0.00015684	0.00001847	0.00003408	0.00002834
5 DRY COTTON	0.00002772	0.00002731	0.00004548	0.00001714	0.00005368	0.00000970	0.00001887	0.00001497
6 DRY FOOD GRAIN	0.00000017	0.00000016	0.00000026	0.00000003	0.00000020	0.00000006	0.00000006	0.00000009
7 DRY FEED GRAIN	0.00002225	0.00002166	0.00003482	0.00000458	0.00004842	0.00000767	0.00000788	0.00001210
8 OTHER DRY CROP	0.00000338	0.00000321	0.00000521	0.00000125	0.00000592	0.00000115	0.00000140	0.00000199
9 RANGE LVSTK	0.00001634	0.00001459	0.00002376	0.00000266	0.00014945	0.00000580	0.00000539	0.00000801
10 FEEDLOT LVSTK	0.00009589	0.00008560	0.00013941	0.00001561	0.00087700	0.00003403	0.00003163	0.00004699
11 DAIRY&POULTRY	0.00009854	0.00009402	0.00015236	0.00003786	0.00011751	0.00003352	0.00004132	0.00005864
12 GINGCOMPRESS	0.00001273	0.00001944	0.00005152	0.00002936	0.00002028	0.00000624	0.00001123	0.00001005
13 AG SERVICES	0.00001483	0.00001460	0.00002452	0.00001306	0.00003477	0.00000520	0.01068886	0.00000829
14 CRUDE PETRO	0.00817802	0.84678855	0.12748856	0.01556012	0.00601114	0.01810492	0.01220602	0.00995803
15 NATURAL GAS	0.00005830	0.00056558	0.00011527	0.00204940	0.00006739	0.00024588	0.00018707	0.00015616
16 OIL&GAS SERV	0.00115968	0.09956229	0.01507537	0.00360007	0.00097410	0.00327802	0.00218730	0.00175103
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000098	0.00000020	0.00000042	0.00000856	0.00000063	0.00000031	0.00000344	0.00000311
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000822	0.00000171	0.00000353	0.00007162	0.00000527	0.00000262	0.00002873	0.00002603
21 M&REPAIR CONS	0.00638254	0.00132889	0.00273763	0.05559503	0.00408724	0.00203107	0.02230222	0.02020916
22 MEAT PRODUCTS	0.00029922	0.00026711	0.00043501	0.00004870	0.00273679	0.00010617	0.00009868	0.00014664
23 DAIRIES	0.00032999	0.00032319	0.00052275	0.00005774	0.0018824	0.00011205	0.00011308	0.00017602
24 MILLING&FEEDS	0.00014042	0.00013850	0.00022221	0.00002871	0.00016761	0.00004825	0.00004982	0.00007717
25 FOOD PROCESS	0.00029346	0.00028464	0.00046187	0.00005284	0.00057096	0.00010149	0.00019809	0.00015646
26 BEVERAGES	0.00086213	0.00003985	0.00004406	0.00001789	0.00048375	0.00002837	0.00004149	0.00006256
27 TEXTILE PROD	0.00001563	0.00005072	0.00018244	0.00104087	0.00000793	0.00001463	0.00002379	0.00002471
28 WOOD PRODUCTS	0.00042381	0.00013218	0.00022419	0.00393930	0.00026975	0.00014586	0.00145546	0.00133985
29 PAPER-PRINT	0.00064576	0.00046141	0.00174192	0.00227563	0.00162489	0.03957850	0.00195106	0.03010751
30 CHEMICALS	0.00028865	0.00314317	0.00065026	0.01908429	0.00025662	0.00066134	0.00080693	0.00070844
31 PETRO PRODUCT	0.00492034	0.00779829	0.00314641	0.01299707	0.00700066	0.03137816	0.01895562	0.01435284
32 SOIL&ROCK PRO	0.00014756	0.00018701	0.00015023	0.01201702	0.00009218	0.00014095	0.00044688	0.00040077
33 METAL PRODUCT	0.00048852	0.00019614	0.00031453	0.00725591	0.00031511	0.00026679	0.00221052	0.00152722
34 PLUMB&REL PRO	0.00001759	0.00000444	0.00000819	0.00018874	0.00001123	0.00000602	0.00006092	0.00005551
35 MACHINERY	0.00014102	0.01022405	0.00157120	0.00096773	0.00010036	0.00025291	0.00049812	0.00025764
36 ELECTRONIC EQ	0.00006544	0.00007760	0.00013844	0.00204560	0.00003892	0.00004385	0.00376768	0.00019196
37 TRANS EQUIP	0.00001175	0.00001795	0.00002740	0.00009010	0.00000752	0.00001108	0.00011427	0.00003776
38 OTHER MFG	0.00002590	0.00002858	0.00002571	0.00017178	0.00007613	0.00002190	0.00002064	0.00004056
39 RAIL TRANS	0.00023391	0.00027519	0.00262967	0.00105880	0.00019213	0.00072391	0.02104035	0.00055591
40 INTERCI RU HI	0.00001351	0.00000286	0.00000689	0.00000236	0.00000292	0.00003402	0.00001818	0.00000453
41 MOTOR FREIGHT	0.00163510	0.00052192	0.00143072	0.00143478	0.02931892	0.01538901	0.02855954	0.00043040
42 OTHER WARK	0.00007261	0.00011010	0.00036776	0.00003681	0.00003369	0.00008296	0.00123147	0.00009093
43 AIR TRANS	0.00011468	0.00008956	0.00009365	0.00035092	0.00011271	0.00652017	0.00118325	0.00025459
44 PIPELINE TRN	0.00000116	0.00001264	0.00000261	0.00007672	0.00000103	0.00000266	0.00000324	0.00000285
45 LOC&SUB TRANS	0.00000001	0.00000002	0.00000003	0.00000008	0.00000001	0.00000001	0.00000011	0.00000004
46 OTHER TRN SER	0.00000879	0.00001161	0.00005325	0.00002111	0.00000666	0.00000447	0.00549957	0.00001462
47 TELEPHONE	0.01097360	0.00215416	0.00379115	0.00428715	0.01742119	0.01040227	0.00999931	0.01317444
48 RADIO&TV	0.00085245	0.00030227	0.00228639	0.00039929	0.00249329	0.00762197	0.00164433	0.03379638
49 OTHER COMMUN	1.00000052	0.00000011	0.00000022	0.00000454	0.00000033	0.00000017	0.00000182	0.00000165
50 GAS SERVICE	0.00745572	1.01554173	0.15193461	0.01172354	0.00384198	0.00660041	0.00550064	0.00502152
51 ELECT SERVICE	0.03463010	0.00198123	1.00138425	0.07020923	0.00471959	0.01622108	0.00746161	0.01404166
52 WATER&SAN SER	0.00195097	0.00026099	0.00271120	1.09091857	0.00081877	0.00938012	0.00058057	0.00031934
53 WHL AUTO PART	0.00024283	0.00036296	0.00199182	0.00043728	1.00109053	0.00544015	0.00193753	0.00057788
54 WHL &GROCERIES	0.00060794	0.00023819	0.00013896	0.00011274	0.00213295	1.00061627	0.00031792	0.00044674
55 WHL FARM PROD	0.00003110	0.00003009	0.00004862	0.00000735	0.00005816	0.00001067	1.00209132	0.00001700
56 WHL LIVESTOCK	0.00000124	0.00000110	0.00000180	0.00000020	0.00001131	0.00000044	0.00000041	1.00000061
57 WHL &NDUST MA	0.00016074	0.00431047	0.00162089	0.02024889	0.00143053	0.00037519	0.00377413	0.00022015

58 WHL FARM MACH	0.00000490	0.00001160	0.00005914	0.00000727	0.00000466	0.00017291	0.00001127	0.00001693
59 WHL PETRO PRO	0.00130329	0.00103075	0.00104997	0.00291279	0.00164533	0.00579232	0.00297149	0.00202272
60 GENERAL WHL	0.00166073	0.00240282	0.00337328	0.01698065	0.00198553	0.00890773	0.00493237	0.00419678
61 LUMBER YARDS	0.00000236	0.00000154	0.00002985	0.00000350	0.00000354	0.00000247	0.00000150	0.00000176
62 RET FARM EQUI	0.00000279	0.00000274	0.00000446	0.00000114	0.00000663	0.00000097	0.00002626	0.00000151
63 AG SUPPLIES	0.00000554	0.00000550	0.00000886	0.00000221	0.00001316	0.00000193	0.00000320	0.00000301
64 HARDWARE	0.00001605	0.00000743	0.00019344	0.00001676	0.00000525	0.00003501	0.00001496	0.00000653
65 DEPT&VARIETY	0.00000000	0.00000002	0.00000004	0.00000010	0.00000001	0.00000001	0.00002797	0.00000001
66 FOOD	0.00000001	0.00000000	0.00000001	0.00000008	0.00000001	0.00000001	0.00000002	0.00000003
67 AUTO DEAL&REP	0.00062514	0.00183909	0.01025689	0.00116953	0.00030119	0.03113366	0.00124073	0.00291623
68 GAS SERV STAT	0.00078398	0.00165335	0.00090363	0.00056727	0.00159304	0.00707143	0.00122541	0.00395150
69 APPAREL&ACCES	0.00000004	0.00000016	0.00000045	0.00000051	0.00000003	0.00000130	0.00000007	0.00000014
70 FURN&HOME FUR	0.00000003	0.00000001	0.00000018	0.00000018	0.00000002	0.00000004	0.00000008	0.00000006
71 EAT&DRINK	0.00260435	0.00036470	0.00015131	0.00025481	0.00548375	0.00060140	0.00071621	0.00075791
72 OTHER RETAIL	0.00005418	0.00002278	0.00002840	0.00007824	0.00275246	0.00013382	0.00027062	0.00006113
73 BANK&CREDIT	0.04559752	0.00262798	0.00548966	0.00147462	0.03114460	0.00507891	0.04093578	0.10034710
74 INSURANCE	0.00264103	0.00096863	0.00174375	0.00697253	0.00916280	0.01981313	0.00624983	0.03106921
75 F.I.R.E.,NEC	0.15592191	0.00691105	0.00743059	0.00121383	0.00219720	0.00150564	0.00543759	0.00469630
76 LEGAL SERVICE	0.00637297	0.00128236	0.00227980	0.00045667	0.00644528	0.00142779	0.00460080	0.00102010
77 LODG&NG	0.00026177	0.00075357	0.00021175	0.00046720	0.02002788	0.00043774	0.00093128	0.00048386
78 PERSONAL SERV	0.00012181	0.00003503	0.00005330	0.00006930	0.00052356	0.00007830	0.00026841	0.00009092
79 ADVERTISING	0.00165144	0.00022496	0.00054344	0.00040912	0.00568666	0.00124530	0.00096182	0.00212226
80 RES&DEVELOPE	0.00017847	0.00004982	0.00002494	0.00021936	0.00004182	0.00034829	0.00027371	0.00004855
81 OTHER BUS SER	0.01932801	0.00129817	0.00179172	0.00126400	0.00397291	0.03694569	0.02831888	0.00339362
82 MOTION PIC&RE	0.00000612	0.00000959	0.00000920	0.00001809	0.00000554	0.00000651	0.00000756	0.00001071
83 AUTO RENT&PAR	0.00010199	0.00032567	0.00013596	0.00015508	0.00007229	0.00038672	0.00279167	0.00018549
84 MISC REP SERV	0.00072598	0.00229886	0.00150668	0.00024605	0.00201308	0.01981770	0.00187030	0.00019841
85 PHYS&DENTIST	0.00001266	0.00000466	0.00000838	0.00003338	0.00004393	0.00009480	0.00002992	0.00014865
86 HOSPITAL&LAB	0.00000056	0.00000056	0.00000065	0.00000098	0.00000294	0.00000166	0.00000080	0.00000198
87 OTHER MEDICAL	0.00000040	0.00000036	0.00000058	0.00000008	0.00000364	0.00000017	0.00000014	0.00000024
88 EL&SEC SCHOOL	0.01291120	0.01271014	0.02055328	0.00226830	0.00154454	0.00437595	0.00443523	0.00691924
89 COLLEGE&UNIV	0.00106627	0.00533893	0.00473183	0.00062069	0.00049711	0.00116926	0.00101104	0.00340947
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.00946885	0.00092003	0.00026934	0.00035356	0.00056602	0.00268778	0.00146452	0.00223596
92 OTHER PRO SER	0.00396537	0.00056223	0.00011106	0.00005482	0.00023731	0.00008031	0.00014670	0.00017236
93 OTHER SERVICE	0.00166882	0.00038839	0.00044783	0.00038826	0.00152099	0.00652723	0.00227040	0.00115312
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.35350169	2.04240891	1.39006655	1.37961645	1.19017854	1.33208204	1.28297693	1.32267898

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	57	58	59	60	61	62	63	64
1 IRR COTTON	0.00008180	0.00009689	0.00010122	0.00007624	0.00011833	0.00007606	0.00006974	0.00005756
2 IRR FOOD GRAIN	0.00000037	0.00000044	0.00000043	0.00000034	0.00000053	0.00000030	0.00000032	0.00000026
3 IRR FEED GRAIN	0.00003757	0.00004495	0.00004951	0.00003501	0.00005437	0.00003085	0.00003227	0.00002642
4 OTHER IRR CROP	0.00003185	0.00003769	0.00004270	0.00002973	0.00004612	0.00002614	0.00002716	0.00002253
5 DRY COTTON	0.00001672	0.00001980	0.00002069	0.00001558	0.00002419	0.00001554	0.00001425	0.00001176
6 DRY FOOD GRAIN	0.00000010	0.00000012	0.00000012	0.00000009	0.00000015	0.00000008	0.00000009	0.00000007
7 DRY FEED GRAIN	0.00001345	0.00001610	0.00001707	0.00001252	0.00001945	0.00001103	0.00001155	0.00000942
8 OTHER DRY CROP	0.00000206	0.00000286	0.00000273	0.00000194	0.00000292	0.00000186	0.00000197	0.00000141
9 RANGE LVSTK	0.00000924	0.00001091	0.00001877	0.00000875	0.00001350	0.00000772	0.00000800	0.00000690
10 FEEDLOT LVSTK	0.00005421	0.00006405	0.00011018	0.00005135	0.00007925	0.00004532	0.00004695	0.00004051
11 DAIRY&POULTRY	0.00006041	0.00008460	0.00007700	0.00005693	0.00008532	0.00005469	0.00005802	0.00004102
12 GIN&COMPRESS	0.00000764	0.00001591	0.00001320	0.00000771	0.00000998	0.00004095	0.00001046	0.00000565
13 AG SERVICES	0.00000894	0.00001137	0.00001186	0.00000839	0.00001283	0.00000910	0.00000804	0.00000627
14 CRUDE PETRO	0.01781869	0.01524945	0.00512642	0.02058500	0.01612259	0.02825730	0.01013827	0.01884849
15 NATURAL GAS	0.00091350	0.00031248	0.00008582	0.00031175	0.00019423	0.00046799	0.00017587	0.00023702
16 OIL&GAS SERV	0.00345624	0.00295713	0.00075707	0.00398557	0.00287410	0.00558626	0.00183843	0.00340673
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&E&INST C	0.00000090	0.00000701	0.00000400	0.00000124	0.00000026	0.00000338	0.00000383	0.00000025
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000753	0.00005861	0.00003424	0.00001036	0.00000214	0.00002830	0.00003202	0.00000207
21 M&REPAIR CONS	0.00584766	0.04549716	0.02658368	0.00804293	0.00166256	0.02196774	0.02485926	0.00160382
22 MEAT PRODUCTS	0.00016915	0.00019988	0.00034381	0.00016023	0.00024728	0.00014141	0.00014650	0.00012642
23 DAIRIES	0.00020083	0.00023192	0.00021771	0.00018565	0.00029223	0.00015936	0.00016717	0.00013870
24 MILLING&FEEDS	0.00008564	0.00010192	0.00009973	0.00007947	0.00012381	0.00006973	0.00007304	0.00005950
25 FOOD PROCESS	0.00017699	0.00020527	0.00021662	0.00016459	0.00025672	0.00014297	0.00014838	0.00012437
26 BEVERAGES	0.00002757	0.00003202	0.00008081	0.00007801	0.00002784	0.00002606	0.00004535	0.00003080
27 TEXTILE PROD	0.00000926	0.00004605	0.00003059	0.00001161	0.00000789	0.000018179	0.00002809	0.00000791
28 WOOD PRODUCTS	0.00039378	0.00296567	0.00173678	0.00053508	0.00012248	0.00144127	0.00162487	0.00011847
29 PAPER-PRINT	0.00306802	0.00090984	0.01237652	0.00907210	0.03678597	0.01082905	0.00551696	0.02241491
30 CHEMICALS	0.00066651	0.00147610	0.00071049	0.00080322	0.00047459	0.00136450	0.00084149	0.00055238
31 PETRO PRODUCT	0.03681780	0.02838445	0.00199875	0.04261818	0.02689553	0.06079457	0.01577012	0.03276866
32 SOIL&ROCK PRO	0.00012797	0.00091148	0.00054117	0.00017679	0.00005814	0.00045119	0.00050788	0.00006432
33 METAL PRODUCT	0.00046440	0.00339616	0.00199308	0.00064287	0.00017786	0.00167968	0.00188047	0.00017567
34 PLUMBER&L PRO	0.00001617	0.00012422	0.00007268	0.00002215	0.00000479	0.00006013	0.00006797	0.00000465
35 MACHINERY	0.00025802	0.00045790	0.00022608	0.00030656	0.00022317	0.00048357	0.00027531	0.00025175
36 ELECTRONIC EQ	0.00006324	0.00037719	0.00022682	0.00008026	0.00003210	0.00019347	0.00021274	0.00003217
37 TRANS EQUIP	0.00001634	0.00006935	0.00004135	0.00001782	0.00001027	0.00003955	0.00003925	0.00000930
38 OTHER MFG	0.00008303	0.00002947	0.00002922	0.00002050	0.00006160	0.00002572	0.00002155	0.00002067
39 RAIL TRANS	0.00061840	0.00068240	0.00030447	0.00074026	0.00061308	0.00106885	0.00044179	0.00062620
40 INTERCI RU HI	0.00000424	0.00000284	0.00000557	0.00000593	0.00000378	0.00000801	0.00002250	0.00000948
41 MOTOR FREIGHT	0.01494054	0.09781452	0.00425149	0.01794089	0.06692618	0.05113720	0.01689490	0.04556527
42 OTHER WASH	0.00004604	0.00007330	0.00009330	0.00006258	0.00012942	0.00006074	0.00005651	0.00006309
43 AIR TRANS	0.00712031	0.00018378	0.00018608	0.00949167	0.00657170	0.00025006	0.00189363	0.00141191
44 PIPELINE TRN	0.00000268	0.00000593	0.00000286	0.00000323	0.00000191	0.00000549	0.00000338	0.00000222
45 LOC&SUB TRANS	0.00000002	0.00000007	0.00000004	0.00000002	0.00000001	0.00000004	0.00000004	0.00000001
46 OTHER TRN SER	0.00000692	0.00000609	0.00000999	0.00000619	0.00000535	0.00000706	0.00000743	0.00000450
47 TELEPHONE	0.02422969	0.01697288	0.01878586	0.01809312	0.02009483	0.01682235	0.00964838	0.01585598
48 RADIO&TV	0.00386987	0.00069424	0.00816607	0.00196173	0.00194415	0.00854864	0.00059702	0.00072178
49 OTHER COMMUN	0.00000048	0.00000371	0.00000217	0.00000066	0.00000014	0.00000179	0.00000203	0.00000013
50 GAS SERVICE	0.00339224	0.00457916	0.00517809	0.00415060	0.00639087	0.00457934	0.00454890	0.00682943
51 ELECT SERVICE	0.00723573	0.00821587	0.01395819	0.00774208	0.01492205	0.00861438	0.01168476	0.01425925
52 WATER&SAN SER	0.00067046	0.00110680	0.00207186	0.00115755	0.00145847	0.00090617	0.00182956	0.00228934
53 WHL AUTO PART	0.00159324	0.00364123	0.06388017	0.00290329	0.00287889	0.00404118	0.00349225	0.00482219
54 WHL & GROCERIES	0.00120839	0.00092981	0.00060520	0.00115454	0.00096391	0.00158449	0.00052502	0.00080282
55 WHL FARM PROD	0.00001882	0.00002359	0.00002353	0.00001754	0.00002718	0.00001563	0.00001636	0.00001310
56 WHL LIVESTOCK	0.00000070	0.00000093	0.00000142	0.00000066	0.00000102	0.00000058	0.00000061	0.00000052
57 WHL &NDUST MA	1.08134985	0.00019535	0.00022962	0.00043063	0.00022142	0.00031734	0.00015416	0.00024476



58	WHL FARM MACH	0.00002060	1.00000728	0.00004122	0.00006346	0.00000651	0.14079772	0.01492707	0.00011743
59	WHL PETRO PRO	0.00931083	0.00536876	1.00051751	0.01049402	0.00937551	0.01979222	0.00327998	0.00406936
60	GENERAL WHL	0.00578124	0.00693579	0.00193731	1.01563537	0.00411112	0.00716067	0.01018747	0.09215412
61	LUMBER YARDS	0.00000219	0.00000251	0.00000183	0.00000252	1.06993538	0.00000313	0.00000208	0.00000235
62	RET FARM EQUI	0.00000168	0.00000201	0.00000217	0.00000157	0.00000243	1.00000148	0.00000145	0.00000118
63	AG SUPPLIES	0.00000334	0.00000401	0.00000431	0.00000312	0.00000483	0.00000293	1.00000288	0.00000235
64	HARDWARE	0.00000575	0.00000453	0.00000853	0.00000913	0.00000540	0.00001014	0.00002325	1.00008223
65	DEPT&VARIETY	0.00000001	0.00000001	0.00000001	0.00000001	0.00119402	0.00000001	0.00000001	0.00000001
66	FOOD	0.00000001	0.00000004	0.00000003	0.00000001	0.00000001	0.00000003	0.00000003	0.00000001
67	AUTO DEAL&REP	0.00356333	0.00112840	0.00724668	0.01131478	0.00094804	0.00784485	0.01863923	0.02109545
68	GAS SERV STAT	0.00903902	0.00629870	0.00053385	0.00368128	0.00239359	0.00583962	0.00331592	0.00459065
69	APPAREL&ACCES	0.00000017	0.00000009	0.00000032	0.00000049	0.00000006	0.00000036	0.00000079	0.00000088
70	FURN&HOME FUR	0.00000002	0.00000013	0.00000008	0.00000003	0.00000001	0.00000007	0.00000009	0.00087566
71	EAT&DRINK	0.00033627	0.00040564	0.00239225	0.00350290	0.00376898	0.00529357	0.00132842	0.00227719
72	OTHER RETAIL	0.00008609	0.00008508	0.00311381	0.00010158	0.00343353	0.00015796	0.00006950	0.00013168
73	BANK&CREDIT	0.01709140	0.01015763	0.05462185	0.01315807	0.00483485	0.01318235	0.03822888	0.00204624
74	INSURANCE	0.01530111	0.01826057	0.03288873	0.01118888	0.02094814	0.01314784	0.02956203	0.01879242
75	F.I.R.E.,NEC	0.00215315	0.00189294	0.00309673	0.00302700	0.00150094	0.00182630	0.00242014	0.00147838
76	LEGAL SERVICE	0.00198656	0.00173883	0.00184120	0.00501860	0.00409153	0.00159000	0.00310755	0.00142105
77	LODG&NG	0.01280498	0.01005006	0.00170911	0.00481516	0.00076640	0.00315470	0.00065938	0.00081133
78	PERSONAL SERV	0.00030673	0.00018705	0.00014056	0.00067056	0.00042763	0.00023422	0.00009404	0.00015511
79	ADVERTISING	0.00591096	0.00142641	0.00143493	0.00081695	0.00427321	0.00126875	0.00107314	0.00112424
80	RES&DEVELOPE	0.00005030	0.00005346	0.00003969	0.00004006	0.00003132	0.00010353	0.00024804	0.00003171
81	OTHER BUS SER	0.00306232	0.00167348	0.00275847	0.00142694	0.00171845	0.00668409	0.02547400	0.00141159
82	MOTION PIC&RE	0.00000558	0.00001007	0.00000809	0.00000691	0.00000873	0.00000821	0.00000767	0.00000605
83	AUTO RENT&PAR	0.00463412	0.00011347	0.00668817	0.00017313	0.00023900	0.00028979	0.00016377	0.00010568
84	MISC REP SERV	0.00024420	0.00020925	0.00028611	0.00190766	0.01497007	0.00029479	0.00028773	0.00042567
85	PHYS&DENTIST	0.00007323	0.00008739	0.00015735	0.00005356	0.00010024	0.00006294	0.00014144	0.00008992
86	HOSPITAL&LAB	0.00000170	0.00000171	0.00000204	0.00000151	0.00000179	0.00000194	0.00000194	0.00000165
87	OTHER MEDICAL	0.00000025	0.00000029	0.00000050	0.00000023	0.00000036	0.00000021	0.00000024	0.00000020
88	EL&SEC SCHOOL	0.00789165	0.00910305	0.00819043	0.00729598	0.01148070	0.00624533	0.00655561	0.00542829
89	COLLEGE&UNIV	0.00151875	0.00175002	0.00150036	0.00135620	0.00153084	0.00169413	0.00142823	0.00145079
90	OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91	ACCT&AUD&BOOK	0.00467586	0.00129643	0.00512466	0.00252824	0.00512830	0.00372780	0.01022781	0.00090440
92	OTHER PRO SER	0.00025794	0.00007695	0.00008397	0.00008055	0.00018630	0.00009378	0.00005565	0.00006230
93	OTHER SERVICE	0.00372009	0.00039232	0.00194491	0.00343914	0.00864845	0.00509265	0.00059875	0.00852383
94	ORDNANCE	0	0	0	0	0	0	0	0
TOTAL		1.32716368	1.31826252	1.31007274	1.25588528	1.38634610	1.47829210	1.28863707	1.34442218

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	65	66	67	68	69	70	71	72
1 IRR COTTON	0.00005559	0.00006156	0.00008228	0.00008577	0.00005261	0.00006805	0.00005383	0.00007060
2 IRR FOOD GRAIN	0.00000025	0.00000027	0.00000030	0.00000037	0.00000024	0.00000031	0.00000024	0.00000032
3 IRR FEED GRAIN	0.00002552	0.00002807	0.00004394	0.00004079	0.00002411	0.00003122	0.00002435	0.00003235
4 OTHER IRR CROP	0.00002154	0.00002386	0.00003995	0.00003479	0.00002035	0.00002648	0.00002060	0.00002747
5 DRY COTTON	0.00001136	0.00001258	0.00001682	0.00001753	0.00001075	0.00001391	0.00001100	0.00001443
6 DRY FOOD GRAIN	0.00000007	0.00000008	0.00000008	0.00000010	0.00000007	0.00000008	0.00000007	0.00000009
7 DRY FEED GRAIN	0.00000914	0.00001003	0.00001415	0.00001430	0.00000864	0.00001117	0.00000872	0.00001155
8 OTHER DRY CROP	0.00000139	0.00000152	0.00000197	0.00000233	0.00000137	0.00000172	0.00000139	0.00000175
9 RANGE LVSTK	0.00000621	0.00000708	0.00002681	0.00001306	0.00000586	0.00000768	0.00000599	0.00000824
10 FEEDLOT LVSTK	0.00003642	0.00004154	0.00015730	0.00007663	0.00003436	0.00004509	0.00003513	0.00004835
11 DAIRY&POULTRY	0.00004056	0.00004447	0.00004941	0.00006709	0.00004027	0.00005038	0.00004072	0.00005111
12 GING&COMPRESS	0.00000580	0.00000727	0.00000804	0.00001172	0.00000660	0.00000645	0.00000908	0.00000748
13 AG SERVICES	0.00000607	0.00000674	0.00000989	0.00000992	0.00000586	0.00000745	0.00000603	0.00000772
14 CRUDE PETRO	0.01245355	0.01565245	0.09821189	0.00856102	0.00630590	0.01208006	0.02033998	0.01605050
15 NATURAL GAS	0.00004365	0.00017683	0.00010132	0.00205765	0.00005825	0.00017528	0.00014674	0.00018000
16 OIL&GAS SERV	0.00160858	0.00264818	0.00139344	0.00141531	0.00091005	0.00226496	0.00293927	0.00272803
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&EDINST C	0.00000046	0.00000053	0.00000088	0.00000360	0.00000130	0.00000082	0.00000141	0.00000058
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000386	0.00000446	0.00000738	0.00003014	0.00001089	0.00000685	0.00001176	0.00000483
21 M&REPAIR CONS	0.00299642	0.00346200	0.00572683	0.02339786	0.00845198	0.00531697	0.00913191	0.00374598
22 MEAT PRODUCTS	0.00011365	0.00012961	0.00049087	0.00023912	0.00010722	0.00014071	0.00010963	0.00015087
23 DAIRIES	0.00013617	0.00014859	0.00013181	0.00019469	0.00012694	0.00012692	0.00012845	0.00017095
24 MILLING&FEEDS	0.00005835	0.00006367	0.00006935	0.00008680	0.00005501	0.00007113	0.00005541	0.00007323
25 FOOD PROCESS	0.00011990	0.00013223	0.00017780	0.00018320	0.00011276	0.00014717	0.00011387	0.00015218
26 BEVERAGES	0.00000879	0.00003404	0.00010692	0.00013570	0.00003228	0.00006202	0.00002262	0.00007757
27 TEXTILE PROD	0.00000939	0.00001147	0.00001112	0.00002869	0.00001460	0.00000819	0.00002684	0.00001253
28 WOOD PRODUCTS	0.00021049	0.00024050	0.00038194	0.00152877	0.00055951	0.00035514	0.00060710	0.00025922
29 PAPER-PRINT	0.00964825	0.03573667	0.01137082	0.00846767	0.03712099	0.03382145	0.01197022	0.02784007
30 CHEMICALS	0.00020265	0.00052172	0.00036047	0.00072046	0.00034746	0.00047246	0.00061683	0.00048547
31 PETRO PRODUCT	0.00377353	0.02191565	0.01128899	0.00828660	0.00386369	0.02290517	0.01424212	0.02290073
32 SOIL&ROCK PRO	0.00008039	0.00013483	0.00014307	0.00047771	0.00020550	0.00011379	0.00027816	0.00011211
33 METAL PRODUCT	0.00023821	0.00033752	0.00145463	0.00175912	0.00065563	0.00042769	0.00073982	0.00032200
34 PLUMB&REL PRO	0.00000846	0.00000985	0.00001586	0.00006397	0.00002331	0.00001466	0.00002538	0.00001053
35 MACHINERY	0.00017617	0.00022909	0.00014377	0.00024776	0.00014211	0.00019291	0.00031126	0.00023206
36 ELECTRONIC EQ	0.00004376	0.00005361	0.00006420	0.00020047	0.00008424	0.00005477	0.00010200	0.00005201
37 TRANS EQUIP	0.00000838	0.00001269	0.00001612	0.00004394	0.00001746	0.00001409	0.00001816	0.00001262
38 OTHER MFG	0.00001225	0.00003721	0.00022367	0.00002097	0.00033741	0.00002068	0.00019467	0.00002978
39 RAIL TRANS	0.00016644	0.00061355	0.00139532	0.00036725	0.00030552	0.00054660	0.00048358	0.00057996
40 INTERCI RU HI	0.00000130	0.00003197	0.00034625	0.00000593	0.00000467	0.00000528	0.00001131	0.00001124
41 MOTOR FREIGHT	0.01654640	0.00851078	0.00790118	0.00315278	0.01796256	0.00780354	0.01062241	0.07291941
42 OTHER WARRH	0.00004501	0.00008717	0.00004529	0.00007520	0.00008478	0.00008658	0.00005937	0.00592050
43 AIR TRANS	0.00063678	0.00356812	0.00090091	0.00057845	0.00283019	0.00325637	0.00236482	0.00131180
44 PIPELINE TRN	0.00000081	0.00000210	0.00000145	0.00000290	0.00000140	0.00000190	0.00000248	0.00000195
45 LOC&SUB TRANS	0.00000001	0.00000001	0.00000002	0.00000004	0.00000002	0.00000001	0.00000002	0.00000001
46 OTHER TRN SER	0.00000193	0.00000555	0.00000673	0.00000733	0.00000587	0.00000920	0.00000582	0.00000641
47 TELEPHONE	0.00416021	0.00829006	0.01797660	0.01273900	0.01063887	0.02086615	0.01553230	0.02159811
48 RADIO&TV	0.00508456	0.02093835	0.00816618	0.00437565	0.01138164	0.01055735	0.01253569	0.01421782
49 OTHER COMMUN	0.00000024	0.00000028	0.00000047	0.00000191	0.00000069	0.00000043	0.00000075	0.00000031
50 GAS SERVICE	0.01316083	0.00822878	0.00441451	0.00556350	0.00571047	0.00345191	0.01757784	0.00823258
51 ELECT SERVICE	0.01524608	0.02353561	0.00975435	0.02315290	0.01138817	0.00735068	0.04813007	0.02602828
52 WATER&SAN SER	0.00172026	0.00611089	0.00279569	0.00180362	0.00371453	0.00054180	0.00921618	0.00271560
53 WHL AUTO PART	0.00073983	0.00288193	0.14809849	0.02950927	0.00076192	0.00127455	0.00156759	0.00344449
54 WHL &GROCERIES	0.00009470	0.44564759	0.00101182	0.06692317	0.00061131	0.00065001	0.19959130	0.00182747
55 WHL FARM PROD	0.00001275	0.00001399	0.00001840	0.00001995	0.00001213	0.00001565	0.00001224	0.00001611
56 WHL LIVESTOCK	0.00000047	0.00000054	0.00000203	0.00000099	0.00000044	0.00000058	0.00000045	0.00000062
57 WHL &NDUST MA	0.00016055	0.00065395	0.00036161	0.00019988	0.00017615	0.00023339	0.00046142	0.00269851

58 WHL FARM MACH	0.00000566	0.00008659	0.00556805	0.00003202	0.00000449	0.00002781	0.00003863	0.00002900
59 WHL PETRO PRO	0.00110136	0.00503903	0.00261530	0.45612921	0.00121184	0.00477491	0.00293452	0.00528679
60 GENERAL WHL	0.06562833	0.06367089	0.00287791	0.00495685	0.00974835	0.33440787	0.00780582	0.11857997
61 LUMBER YARDS	0.00000107	0.00000221	0.00002150	0.00000205	0.00000100	0.00000166	0.00000248	0.00000218
62 RET FARM EQUI	0.00000114	0.00000126	0.00000187	0.00000181	0.00000181	0.00000140	0.00000110	0.00000145
63 AG SUPPLIES	0.00000227	0.00000251	0.00000371	0.00000359	0.00000215	0.00000278	0.00000219	0.00000288
64 HARDWARE	0.00000401	0.00000377	0.00051171	0.00001008	0.00000505	0.00000631	0.00001882	0.00001401
65 DEPT&VARIETY	1.00000000	0.00000001	0.00000003	0.00000001	0.00000000	0.00000000	0.00000001	0.00000001
66 FOOD	0.00000000	1.00000001	0.00000001	0.00000002	0.00000001	0.00000001	0.00000001	0.00000001
67 AUTO DEAL&REP	0.00091588	0.01551902	1.00535286	0.00561678	0.00070919	0.00489206	0.00687402	0.00510134
68 GAS SERV STAT	0.00029966	0.00390583	0.00238391	1.00205082	0.00062124	0.00367693	0.00295024	0.00421330
69 APPAREL&ACCES	0.00000004	0.00000065	0.00004137	0.00000025	1.00000004	0.00000022	0.00000030	0.00000022
70 FURN&HOME FUR	0.00000001	0.00000004	0.00000046	0.00000007	0.00000003	1.00000002	0.00000004	0.00000002
71 EAT&DRINK	0.00025110	0.00078300	0.00347968	0.00118997	0.00235283	0.00158532	1.00067015	0.00570578
72 OTHER RETAIL	0.00001854	0.00010493	0.00043786	0.00145578	0.00009763	0.00007340	0.00005835	1.00009921
73 BANK&CREDIT	0.00107797	0.01722143	0.01471909	0.03124384	0.02982769	0.04556136	0.00211093	0.00973014
74 INSURANCE	0.00147223	0.02033094	0.01405853	0.01675930	0.02059910	0.02808455	0.01466706	0.01588649
75 F.I.R.E.,NEC	0.00067989	0.00198018	0.00457703	0.01883949	0.00199958	0.00317530	0.00152574	0.01017889
76 LEGAL SERVICE	0.00063043	0.00121658	0.00292271	0.00192522	0.00092136	0.00210726	0.00068665	0.00205064
77 LODG&NG	0.00034825	0.00073176	0.00330467	0.00402050	0.00222516	0.00187889	0.00030117	0.00967857
78 PERSONAL SERV	0.00005626	0.00208724	0.00065010	0.00012196	0.00201397	0.00026338	0.02654558	0.00037251
79 ADVERTISING	0.00040669	0.00132056	0.01734158	0.00097042	0.02574639	0.00116422	0.00076961	0.00166105
80 RES&DEVELOPE	0.00000727	0.00039192	0.00010695	0.00005680	0.00004954	0.00004721	0.00013430	0.00013464
81 OTHER BUS SER	0.00032343	0.04239273	0.01092583	0.00448471	0.00474573	0.00357774	0.01348276	0.01344417
82 MOTION PIC&RE	0.00000418	0.00000670	0.00000675	0.00000719	0.00000948	0.00000612	0.00000643	0.00000675
83 AUTO RENT&PAR	0.00004484	0.00039664	0.00015280	0.00309010	0.00009008	0.00013753	0.00022086	0.00020864
84 MISC REP SER	0.00019753	0.01508527	0.00607118	0.00152452	0.00062191	0.00074120	0.00825963	0.00334767
85 PHYS&DENTIST	0.00000705	0.00009728	0.00006728	0.00008020	0.00009855	0.00013437	0.00007018	0.00007602
86 HOSPITAL&LAB	0.00000028	0.00000154	0.00000135	0.00000151	0.00000122	0.00000196	0.00000112	0.00000137
87 OTHER MEDICAL	0.00000015	0.00000020	0.00000067	0.00000034	0.00000017	0.00000023	0.00000017	0.00000022
88 EL&SEC SCHOOL	0.00535274	0.00582853	0.00431685	0.00747882	0.00502840	0.00655851	0.00504396	0.00670109
89 COLLEGE&UNIV	0.00181613	0.00154746	0.00109470	0.00129620	0.00120590	0.00109327	0.00135072	0.00167204
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.00037622	0.00370676	0.00370692	0.00445357	0.00334720	0.00274485	0.00821584	0.01100747
92 OTHER PRO SER	0.00003847	0.00011372	0.00071601	0.00005885	0.00105724	0.00008904	0.00007490	0.00011368
93 OTHER SERVICE	0.00028029	0.00447289	0.00063708	0.00254558	0.00581987	0.00264913	0.00222767	0.00452211
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.17130383	1.81913004	1.35421565	1.77741380	1.24551140	1.58522269	1.48757833	1.46724681

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	73	74	75	76	77	78	79	80
1 IRR COTTON	0.00005542	0.00016578	0.00024478	0.00001786	0.00013307	0.00003409	0.00004039	0.00002528
2 IRR FOOD GRAIN	0.00000025	0.00000075	0.00000105	0.00000007	0.00000060	0.00000015	0.00000018	0.00000011
3 IRR FEED GRAIN	0.00002550	0.00007584	0.00011333	0.00000684	0.00006137	0.00001544	0.00001794	0.00001153
4 OTHER IRR CROP	0.00002153	0.00006428	0.00009509	0.00000681	0.00005168	0.00001311	0.00001560	0.00000975
5 DRY COTTON	0.00001133	0.00003388	0.00005003	0.00000365	0.00002720	0.00000697	0.00000826	0.00000517
6 DRY FOOD GRAIN	0.00000007	0.00000021	0.00000029	0.00000002	0.00000017	0.00000004	0.00000005	0.00000003
7 DRY FEED GRAIN	0.00000912	0.00002718	0.00003986	0.00000244	0.00002197	0.00000552	0.00000643	0.00000413
8 OTHER DRY CROP	0.00000144	0.00000401	0.00000627	0.00000037	0.00000353	0.00000084	0.00000100	0.00000061
9 RANGE LVSTK	0.00000638	0.00001832	0.00003552	0.00000174	0.00001503	0.00000384	0.00000437	0.00000278
10 FEEDLOT LVSTK	0.00003741	0.00010750	0.00020551	0.00001022	0.00008821	0.00002255	0.00002564	0.00001630
11 DAIRY&POULTRY	0.00004220	0.00011728	0.00018042	0.00001093	0.00010368	0.00002450	0.00002918	0.00001796
12 GIN&COMPRESS	0.00000588	0.00001411	0.00002817	0.00000171	0.00001527	0.00000461	0.00000431	0.00000271
13 AG SERVICES	0.00000614	0.00001783	0.00002738	0.00000178	0.00001487	0.00000374	0.00000437	0.00000274
14 CRUDE PETRO	0.00285040	0.00265905	0.01566483	0.00120710	0.00873262	0.01184293	0.00471798	0.00401335
15 NATURAL GAS	0.00004160	0.00005187	0.00015493	0.00001297	0.00009956	0.00009251	0.00006659	0.00003962
16 OIL&GAS SERV	0.00045807	0.00047238	0.00215554	0.00019085	0.00127773	0.00178297	0.00081048	0.00064822
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000119	0.00000025	0.00000599	0.00000019	0.00000368	0.00000031	0.00000062	0.00000006
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000992	0.00000212	0.00005009	0.00000156	0.00003074	0.00000258	0.00000520	0.00000049
21 M&REPAIR CONS	0.00769929	0.00164865	0.03888640	0.00120819	0.02386210	0.00199928	0.00403378	0.00038157
22 MEAT PRODUCTS	0.00011675	0.00033544	0.00064128	0.00003189	0.00027525	0.00007036	0.00008001	0.00005085
23 DAIRIES	0.00013535	0.00040298	0.00055762	0.00003603	0.00032654	0.00008182	0.00009547	0.00006158
24 MILLING&FEEDS	0.00005785	0.00017385	0.00024405	0.00001548	0.00013970	0.00003513	0.00004096	0.00002643
25 FOOD PROCESS	0.00011946	0.00035958	0.00052625	0.00003861	0.00028612	0.00007284	0.00008705	0.00005446
26 BEVERAGES	0.00026081	0.00095287	0.00561730	0.00005682	0.00017018	0.00003166	0.00003799	0.00000701
27 TEXTILE PROD	0.00000987	0.00001169	0.00005481	0.00000222	0.00002959	0.00001114	0.00000731	0.00000465
28 WOOD PRODUCTS	0.00050436	0.00018312	0.00254551	0.00008221	0.00155832	0.00014075	0.00027121	0.00003472
29 PAPER-PRINT	0.00201531	0.01747465	0.00242329	0.00229018	0.00383472	0.00949114	0.15794848	0.01235635
30 CHEMICALS	0.00024496	0.00016328	0.00119150	0.00005719	0.00069111	0.00031186	0.00027108	0.00011537
31 PETRO PRODUCT	0.00273410	0.00419386	0.00526027	0.00124301	0.00493211	0.01053945	0.00664246	0.00480939
32 SOIL&ROCK PRO	0.00016042	0.00003876	0.00084752	0.00002753	0.00048621	0.00009693	0.00008984	0.00002365
33 METAL PRODUCT	0.00057819	0.00014566	0.00292033	0.00017478	0.00179771	0.00019097	0.00038304	0.00004745
34 PLUMB&REL PRO	0.00002108	0.00000566	0.00010655	0.00000336	0.00006523	0.00000577	0.00001117	0.00000123
35 MACHINERY	0.00008239	0.00006937	0.00043131	0.00003081	0.00025070	0.00016346	0.00013619	0.00005827
36 ELECTRONIC EQ	0.00006770	0.00009269	0.00034455	0.00002498	0.00020352	0.00003511	0.00004902	0.00001596
37 TRANS EQUIP	0.00001234	0.00001725	0.00006032	0.00001507	0.00003675	0.00000651	0.00002499	0.00000379
38 OTHER MFG	0.00012156	0.00007373	0.00012819	0.00000484	0.00009172	0.000672561	0.01265399	0.00013981
39 RAIL TRANS	0.00013866	0.00018436	0.00047338	0.00326108	0.00030326	0.00027924	0.00173952	0.00016047
40 INTERCI RU HI	0.00001096	0.00001938	0.00001944	0.00000193	0.00001592	0.00000272	0.00000724	0.00000271
41 MOTOR FREIGHT	0.00044117	0.00066870	0.00070256	0.00034434	0.00163593	0.00482255	0.00083851	0.00071514
42 OTHER WARH	0.00003359	0.00009872	0.00013743	0.00002550	0.00008493	0.00003474	0.00024862	0.00003184
43 AIR TRANS	0.00041441	0.00262872	0.00019833	0.00005727	0.00105015	0.00022531	0.00109119	0.00009587
44 PIPELINE TRN	0.00000098	0.00000066	0.00000479	0.00000023	0.00000278	0.00000125	0.00000109	0.00000046
45 LOC&SUB TRANS	0.00000001	0.00000002	0.00000006	0.00000001	0.00000003	0.00000001	0.00000002	0.00000000
46 OTHER TRN SER	0.00011169	0.00000195	0.00002348	0.00003094	0.00000396	0.00000308	0.00000528	0.00000234
47 TELEPHONE	0.00745171	0.00495092	0.01999984	0.01346503	0.00833246	0.00908187	0.01296835	0.01182041
48 RADIO&TV	0.00517468	0.00156441	0.00403638	0.00019774	0.00172226	0.00563993	0.00628292	0.00010051
49 OTHER COMMUN	0.00000063	0.00000013	0.00000017	0.00000010	0.00000195	0.00000016	0.00000033	0.00000003
50 GAS SERVICE	0.00210014	0.00116323	0.01627027	0.00085009	0.00810252	0.00915028	0.00245781	0.00250191
51 ELECT SERVICE	0.00621078	0.00287736	0.04322362	0.00148993	0.02333665	0.01765240	0.00875843	0.01047988
52 WATER&SAN SER	0.00092514	0.00052159	0.00838772	0.00035499	0.00177802	0.00537501	0.00093745	0.00145545
53 WHL AUTO PART	0.00015864	0.00039593	0.00027799	0.00007158	0.00084380	0.00093385	0.00028226	0.00010747
54 WHL GROCERIES	0.00045712	0.00370065	0.00033122	0.00060091	0.04119000	0.00018140	0.00022548	0.00011166
55 WHL FARM PROD	0.00001282	0.00003763	0.00005554	0.00000342	0.00003098	0.00000770	0.00000900	0.00000574
56 WHL LIVESTOCK	0.00000048	0.00000139	0.00000265	0.00000013	0.00000114	0.00000029	0.00000033	0.00000021
57 WHL &NDUST MA	0.00007793	0.00009794	0.00036983	0.00003252	0.00018888	0.00273250	0.00133592	0.00007912

58 WHL FARM MACH	0.00000275	0.00000492	0.00000733	0.00000166	0.00002730	0.00000326	0.00000662	0.00000146
59 WHL PETRO PRO	0.00127079	0.00454851	0.00153070	0.00023405	0.00139803	0.00312158	0.00115991	0.00075035
60 GENERAL WHL	0.00970560	0.00696676	0.00353770	0.00221190	0.00898844	0.01630188	0.00594133	0.00297788
61 LUMBER YARDS	0.00000083	0.00000163	0.00000395	0.00000023	0.00000232	0.00000114	0.00000085	0.00000066
62 RET FARM EQUI	0.00000114	0.00000340	0.00000507	0.00000034	0.00000275	0.00000070	0.00000082	0.00000052
63 AG SUPPLIES	0.00000227	0.00000675	0.00001003	0.00000069	0.00000546	0.00000138	0.00000163	0.00000103
64 HARDWARE	0.00000892	0.00001371	0.00002102	0.00000147	0.00001677	0.00000534	0.00000512	0.00000378
65 DEPT&VARIETY	0.00000000	0.00000000	0.00000001	0.00000000	0.00000001	0.00000000	0.00000000	0.00000000
66 FOOD	0.00000001	0.00000038	0.00000003	0.00000000	0.00000002	0.00000000	0.00000001	0.00000000
67 AUTO DEAL&REP	0.00039003	0.00057099	0.00085310	0.00026684	0.00467428	0.00052358	0.00111826	0.00021455
68 GAS SERV STAT	0.00089102	0.00673719	0.00073560	0.00023391	0.00054299	0.00123825	0.00153876	0.00118105
69 APPAREL&ACCES	0.00000002	0.00000003	0.00000007	0.00000001	0.00000021	0.00000003	0.00000005	0.00000001
70 FURN&HOME FUR	0.00000003	0.00000002	0.00000013	0.00000000	0.00000008	0.00000001	0.00000002	0.00000000
71 EAT&DRINK	0.00171795	0.01434909	0.00095770	0.00288143	0.00023876	0.00041955	0.00042930	0.00012249
72 OTHER RETAIL	0.00005030	0.00014640	0.00018528	0.00251410	0.00008687	0.00004747	0.00018499	0.00002987
73 BANK&CREDIT	1.02497949	0.00390865	0.15592482	0.00456865	0.00557858	0.00292589	0.00419003	0.00036779
74 INSURANCE	0.00698184	1.00400528	0.01390339	0.00143887	0.00398822	0.00565026	0.01064563	0.00448953
75 F.I.R.E.,NEC	0.02986495	0.02046007	1.01890561	0.01002375	0.02984775	0.00461361	0.00510337	0.00054712
76 LEGAL SERVICE	0.00418629	0.00684431	0.01058096	1.00019925	0.00084412	0.00052008	0.00205946	0.00014499
77 LODG&NG	0.00109877	0.00882134	0.00102377	0.00017446	1.00018589	0.00022120	0.00073351	0.00010091
78 PERSONAL SERV	0.00027429	0.00059692	0.00026592	0.00011466	0.01166906	1.00138121	0.02159087	0.00232417
79 ADVERTISING	0.00944770	0.00315128	0.00910834	0.00019441	0.00052980	0.00037628	1.01121992	0.00011623
80 RES&DEVELOPE	0.00015464	0.00024821	0.00023944	0.00002031	0.00020028	0.00003550	0.00005868	1.01789129
81 OTHER BUS SER	0.01675625	0.02749233	0.02415706	0.00212527	0.02079119	0.00310256	0.00586866	0.00343458
82 MOTION PIC&RE	0.00000539	0.00001975	0.00001703	0.00048064	0.00000724	0.00005974	0.00012028	0.00000400
83 AUTO RENT&PAR	0.00014559	0.00068497	0.00015301	0.00002048	0.00017588	0.00092706	0.00120398	0.00006603
84 MISC REP SERV	0.00012416	0.00036008	0.00023499	0.00079262	0.00873738	0.01112296	0.00111552	0.00446079
85 PHYS&DENTIST	0.00003341	0.00480295	0.00006656	0.00000689	0.00001910	0.00002704	0.00005094	0.00002148
86 HOSPITAL&LAB	0.00000054	0.00004956	0.00000153	0.00000013	0.00000064	0.00000055	0.00000074	0.00000037
87 OTHER MEDICAL	0.00000016	0.00000189	0.00000087	0.00000004	0.00000037	0.00000010	0.00000012	0.00000007
88 EL&SEC SCHOOL	0.00531083	0.01583543	0.02147002	0.00140914	0.01282985	0.00321124	0.00375147	0.00242169
89 COLLEGE&UNIV	0.00056909	0.00889307	0.00256149	0.00043375	0.00125141	0.00105437	0.00106601	0.00108853
90 OTHER EDUCATE	0.00000000	0.00000007	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.00208130	0.00221855	0.00557327	0.00110307	0.00225091	0.00158761	0.00190795	0.00723526
92 OTHER PRO SER	0.00039162	0.00013170	0.00038944	0.00000931	0.00003537	0.00003677	0.04119764	0.00000780
93 OTHER SERVICE	0.00198092	0.00894633	0.00947070	0.00552792	0.00409309	0.00250271	0.00512270	0.00189465
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.16067607	1.19991197	1.45825928	1.06459830	1.25736458	1.16101167	1.75320753	1.10256555

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	81	82	83	84	85	86	87	88
1 IRR COTTON	0.00003231	0.00132488	0.00006575	0.00004712	0.00014265	0.00334213	0.00010005	0.01013587
2 IRR FOOD GRAIN	0.00000014	0.00000061	0.00000030	0.00000021	0.00000012	0.00000357	0.00000045	0.00004607
3 IRR FEED GRAIN	0.00001447	0.00009295	0.00003028	0.00002147	0.00001655	0.00075359	0.00004593	0.00467226
4 OTHER IRR CROP	0.00001269	0.00047186	0.00002555	0.00001820	0.00005148	0.00126899	0.00003879	0.00395141
5 DRY COTTON	0.00000660	0.00027079	0.00001344	0.00000963	0.00002916	0.00068308	0.00002045	0.00207162
6 DRY FOOD GRAIN	0.00000004	0.00000017	0.00000008	0.00000006	0.00000003	0.00000099	0.00000012	0.00001271
7 DRY FEED GRAIN	0.00000514	0.00002971	0.00001085	0.00000770	0.00000548	0.00022590	0.00001646	0.00167363
8 OTHER DRY CROP	0.00000078	0.00000494	0.00000166	0.00000146	0.00000106	0.00004874	0.00000251	0.00025153
9 RANGE LVSTK	0.00000399	0.00005882	0.00000738	0.00000509	0.00000849	0.00062642	0.00001116	0.00113916
10 FEEDLOT LVSTK	0.00002342	0.00045518	0.00004329	0.00002985	0.00004980	0.00367591	0.00006548	0.00668520
11 DAIRY&POULTRY	0.00002275	0.00012813	0.00004852	0.00004348	0.00002929	0.00124216	0.00007363	0.00736092
12 GIN&COMPRESS	0.00000372	0.00009912	0.00000618	0.00000982	0.00001247	0.00024487	0.00000992	0.00074199
13 AG SERVICES	0.00000351	0.00007855	0.00000719	0.00000566	0.00000960	0.00028870	0.00001094	0.00109716
14 CRUDE PETRO	0.05076970	0.00680191	0.00394245	0.00567087	0.00246245	0.00396710	0.00793329	0.00809490
15 NATURAL GAS	0.00077023	0.00010483	0.00004758	0.00011396	0.00003796	0.00027454	0.00005136	0.00019220
16 OIL&GAS SERV	0.01011551	0.00115820	0.00065164	0.00094292	0.00037304	0.00070894	0.00010868	0.00114263
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000047	0.00000128	0.00000067	0.00000493	0.00000133	0.00000067	0.00000086	0.00000119
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00000390	0.00001067	0.00000562	0.00004127	0.00001113	0.00000562	0.00000718	0.00000997
21 M&REPAIR CONS	0.00302748	0.00828468	0.00436126	0.03203511	0.00863914	0.00436269	0.00557561	0.00773863
22 MEAT PRODUCTS	0.00007307	0.00107717	0.00013507	0.00009314	0.00015540	0.01147112	0.00020431	0.02086043
23 DAIRIES	0.00007363	0.00036834	0.00016185	0.00010787	0.00008273	0.00358698	0.00024715	0.02544442
24 MILLING&FEEDS	0.00003214	0.00014089	0.00006917	0.00004873	0.00002866	0.00082798	0.00010500	0.01068028
25 FOOD PROCESS	0.00006947	0.00288235	0.00014223	0.00009849	0.00030920	0.00727427	0.00021610	0.02206152
26 BEVERAGES	0.00002292	0.00023222	0.00006358	0.00003627	0.00001836	0.00001835	0.00005357	0.00000929
27 TEXTILE PROD	0.00000723	0.00002366	0.00000763	0.00003305	0.00001175	0.00003332	0.00001427	0.00009773
28 WOOD PRODUCTS	0.00021144	0.00055822	0.00029738	0.00209263	0.00056388	0.00029021	0.00037633	0.00050497
29 PAPER-PRINT	0.00461727	0.01481864	0.00167676	0.00256098	0.00258425	0.00203637	0.00673088	0.00338655
30 CHEMICALS	0.00165593	0.00050251	0.00019695	0.00083547	0.00027779	0.00243668	0.00027854	0.00168186
31 PETRO PRODUCT	0.11446995	0.00900075	0.00482106	0.00497074	0.00152995	0.00333678	0.00372905	0.00277683
32 SOIL&ROCK PRO	0.00009601	0.00018501	0.00009275	0.00063218	0.00017926	0.00010426	0.00014654	0.00017436
33 METAL PRODUCT	0.00031105	0.00065729	0.00033436	0.00368047	0.00065097	0.00034228	0.00043537	0.00059661
34 PLUMB&REL PRO	0.00000852	0.00002295	0.00001212	0.00008754	0.00002362	0.00001214	0.00001552	0.00002125
35 MACHINERY	0.00064707	0.00014485	0.00007844	0.00026446	0.00008299	0.00009663	0.00013627	0.00017336
36 ELECTRONIC EQ	0.00004415	0.00009102	0.00005077	0.00027424	0.00007386	0.00004688	0.00006500	0.00007765
37 TRANS EQUIP	0.00001568	0.00001770	0.00000932	0.00005385	0.00001341	0.00000908	0.00001155	0.00001418
38 OTHER MFG	0.00001669	0.00002740	0.00042389	0.00002231	0.00003992	0.00019562	0.00026590	0.00000748
39 RAIL TRANS	0.00167196	0.00034838	0.00013936	0.00162288	0.00012974	0.00018075	0.00019037	0.00052338
40 INTERCI RU HI	0.00059851	0.00006069	0.00000384	0.00001421	0.00000151	0.00000303	0.00000437	0.00011142
41 MOTOR FREIGHT	0.01011724	0.00069526	0.00018652	0.02272088	0.00035725	0.00148691	0.00118035	0.00189442
42 OTHER WARRH	0.00002615	0.00006733	0.00003550	0.00004619	0.00002206	0.00005893	0.00006312	0.00450132
43 AIR TRANS	0.00089156	0.00090020	0.00015035	0.00017487	0.00034657	0.00109125	0.00138729	0.00016409
44 PIPELINE TRN	0.00000666	0.00000202	0.00000079	0.00000336	0.00000112	0.00000980	0.00000112	0.00000676
45 LOC&SUB TRANS	0.00000001	0.00000002	0.00000001	0.00000005	0.00000001	0.00000001	0.00000001	0.00000001
46 OTHER TRN SER	0.00000641	0.00032950	0.00001734	0.00000764	0.00000335	0.00000920	0.00001435	0.00001621
47 TELEPHONE	0.00675503	0.00907715	0.00509773	0.02414263	0.01477652	0.01463759	0.01292830	0.00281774
48 RADIO&TV	0.00076429	0.000131013	0.00083782	0.00044052	0.00017119	0.00062732	0.00115028	0.00024324
49 OTHER COMMUN	0.00000025	0.00000068	0.00000036	0.00000262	0.00000071	0.00000036	0.00000046	0.00000063
50 GAS SERVICE	0.00573061	0.00381732	0.00240799	0.00439236	0.00221412	0.00306893	0.00773717	0.00833845
51 ELECT SERVICE	0.00734861	0.01222117	0.00601960	0.00928322	0.00918011	0.00716469	0.02138195	0.01450274
52 WATER&SAN SER	0.00192026	0.00209008	0.00063056	0.00038098	0.00097925	0.00176429	0.00349228	0.00208771
53 WHL AUTO PART	0.00477225	0.00146714	0.00043041	0.00169408	0.00011740	0.00030811	0.00036110	0.00027263
54 WHL &GROCERIES	0.00048255	0.00300638	0.00022982	0.00126731	0.00055726	0.02333736	0.03691228	0.00201530
55 WHL FARM PROD	0.00000713	0.00004672	0.00001515	0.00001105	0.00000884	0.00003959	0.00002304	0.00234611
56 WHL LIVESTOCK	0.00000030	0.00000445	0.00000056	0.00000038	0.00000064	0.00004739	0.00000084	0.00008618
57 WHL &NDUST MA	0.00049357	0.00877656	0.00007263	0.00021070	0.00040817	0.00783079	0.00026017	0.00331081

58 WHL FARM MACH	0.00005803	0.00006412	0.00001505	0.00003273	0.00000434	0.00004016	0.00001000	0.00011235
59 WHL PETRO PRO	0.04604932	0.00086437	0.00062314	0.00165960	0.00031846	0.00081401	0.00093114	0.00060296
60 GENERAL WHL	0.00410271	0.00205157	0.00218320	0.00398768	0.00580305	0.02608975	0.01801534	0.01063895
61 LUMBER YARDS	0.00000429	0.00000292	0.00000098	0.00000131	0.00000079	0.00002088	0.00000166	0.00008750
62 RET FARM EQUI	0.00000066	0.00001689	0.00000135	0.00000097	0.00000196	0.00005408	0.00000206	0.00020869
63 AG SUPPLIES	0.00000132	0.00003914	0.00000269	0.00000195	0.00000442	0.00011446	0.00000408	0.00041403
64 HARDWARE	0.00042667	0.00001364	0.00000459	0.00001311	0.00000323	0.00002372	0.00000740	0.00008533
65 DEPT&VARIETY	0.00000001	0.00000001	0.00000000	0.00000001	0.00000000	0.00000005	0.00000000	0.00000017
66 FOOD	0.00000001	0.00000001	0.00000001	0.00000003	0.00007799	0.00000206	0.00000001	0.00000001
67 AUTO DEAL&REP	0.01041855	0.00934524	0.00259232	0.00582090	0.00053923	0.00128165	0.00161400	0.00086569
68 GAS SERV STAT	0.00267888	0.00025891	0.00092279	0.00054291	0.00037177	0.00052927	0.00086529	0.00050311
69 APPAREL&ACCES	0.00000047	0.00000045	0.00000011	0.00000026	0.00000003	0.00000024	0.00000008	0.00000048
70 FURN&HOME FUR	0.00000038	0.00000004	0.00000002	0.00000010	0.00000003	0.00000003	0.00000002	0.00000010
71 EAT&DRINK	0.00133214	0.00096454	0.00069385	0.00584539	0.00118854	0.00120502	0.00059792	0.00017206
72 OTHER RETAIL	0.00042249	0.00014252	0.00002724	0.00014338	0.00029907	0.00005410	0.00005042	0.00021622
73 BANK&CREDIT	0.00552504	0.01174574	0.14781715	0.01011593	0.00573788	0.02496768	0.10324526	0.00201545
74 INSURANCE	0.00959532	0.00344649	0.01341506	0.02600554	0.01330060	0.00755403	0.02375948	0.00577998
75 F.I.R.E.,NEC	0.00214230	0.04136668	0.00706242	0.00186516	0.00104655	0.00147778	0.00422482	0.00055556
76 LEGAL SERVICE	0.00068311	0.00227338	0.00436704	0.00528403	0.00272181	0.00082652	0.00154080	0.00025014
77 LODG&NG	0.00080653	0.00199281	0.00043468	0.00141552	0.00028023	0.00033745	0.00042656	0.00019751
78 PERSONAL SERV	0.00028802	0.00130190	0.00118871	0.00022874	0.00522842	0.02785784	0.03651411	0.00039780
79 ADVERTISING	0.00056271	0.00076220	0.00149275	0.00069839	0.00019726	0.00042654	0.00116811	0.00021758
80 RES&DEVELOPE	0.00896331	0.00003563	0.00003731	0.00018087	0.00001615	0.00005588	0.00004160	0.00003266
81 OTHER BUS SER	1.00096430	0.00278235	0.00362255	0.01818120	0.00117040	0.00331018	0.00402482	0.00144792
82 MOTION PIC&RE	0.00000343	1.00000782	0.00000895	0.00001136	0.00000442	0.00000651	0.00000704	0.00000847
83 AUTO RENT&PAR	0.00385924	0.00015388	1.00005212	0.00703713	0.00013708	0.00011890	0.00009512	0.00006312
84 MISC REP SERV	0.00287966	0.00968993	0.00008531	1.00774746	0.00290584	0.00383187	0.00123811	0.00058971
85 PHYS&DENTIST	0.00004596	0.00001666	0.00006419	0.00012442	1.00137873	0.02642630	0.00011368	0.00002938
86 HOSPITAL&LAB	0.00000261	0.00000135	0.00000091	0.00000152	0.01023717	1.00265878	0.00000147	0.00002422
87 OTHER MEDICAL	0.00000011	0.00000143	0.00000020	0.00000016	0.00030177	0.00164195	1.00000030	0.00002764
88 EL&SEC SCHOOL	0.00286764	0.00763878	0.00636233	0.00423281	0.00185407	0.00404183	0.00972024	1.00122156
89 COLLEGE&UNIV	0.00115298	0.00235839	0.00167048	0.00183926	0.00040682	0.00078554	0.00159223	0.00027443
90 OTHER EDUCATE	0.00000000	0.00000000	0.00000000	0.00000000	0.00001361	0.00133263	0.00000000	0.00000003
91 ACCT&AUD&BOOK	0.00271084	0.00451783	0.00790049	0.00174005	0.00195981	0.00124229	0.00257685	0.00017611
92 OTHER PRO SER	0.00006027	0.00004037	0.00006495	0.00003824	0.00001165	0.00002715	0.00005607	0.00003451
93 OTHER SERVICE	0.00178740	0.00102316	0.00055534	0.00754628	0.00483799	0.00172451	0.00292404	0.00028351
94 ORDNANCE	0	0	0	0	0	0	0	0
TOTAL	1.33917915	1.19910597	1.23738959	1.23366157	1.11014419	1.25674787	1.33054143	1.21636191

INTERDEPENDENCE COEFFICIENTS (EXCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	89	90	91	92	93	94
1 IRR COTTON	0.00040444	0.00003375	0.00001197	0.00002474	0.00001291	0.00004043
2 IRR FOOD GRAIN	0.00000238	0.00000015	0.00000005	0.00000011	0.00000006	0.00000008
3 IRR FEED GRAIN	0.00019614	0.00001551	0.00000546	0.00001134	0.00000578	0.00000802
4 OTHER IRR CROP	0.00012509	0.00001311	0.00000461	0.00000958	0.00000494	0.00001471
5 DRY COTTON	0.00008266	0.00000690	0.00000245	0.00000506	0.00000264	0.00000826
6 DRY FOOD GRAIN	0.00000066	0.00000004	0.00000001	0.00000003	0.00000002	0.00000002
7 DRY FEED GRAIN	0.00007453	0.00000556	0.00000196	0.00000405	0.00000206	0.00000287
8 OTHER DRY CROP	0.00000120	0.00000083	0.00000030	0.00000061	0.00000038	0.00000046
9 RANGE LVSTK	0.00000585	0.00000375	0.00000132	0.00000289	0.00000149	0.00000197
10 FEEDLOT LVSTK	0.00003437	0.00002201	0.00000774	0.00001699	0.00000874	0.00001156
11 DAIRY&POULTRY	0.00003482	0.00002443	0.00000894	0.00001773	0.00001116	0.00001355
12 GING&COMPRESS	0.00020457	0.00002095	0.00000155	0.00000263	0.00000280	0.00000450
13 AG SERVICES	0.00003685	0.00000366	0.00000132	0.00000270	0.00000152	0.00000311
14 CRUDE PETRO	0.01073624	0.00074277	0.00315757	0.00690660	0.00459792	0.01500181
15 NATURAL GAS	0.00039600	0.00001085	0.00003537	0.00006666	0.00006073	0.00066853
16 OIL&GAS SERV	0.00162647	0.00012127	0.00053116	0.00112687	0.00077253	0.00192733
17 RESIDENT CONS	0	0	0	0	0	0
18 COM&ED&INST C	0.00000081	0.00000018	0.00000023	0.00000018	0.00000110	0.00000052
19 INDUSTRY CONS	0	0	0	0	0	0
20 FACILITY CONS	0.00000679	0.00000150	0.00000194	0.00000148	0.00000923	0.00000435
21 M&REPAIR CONS	0.00527038	0.00116608	0.00150322	0.00114922	0.00716376	0.00337720
22 MEAT PRODUCTS	0.00010718	0.00006870	0.00002414	0.00005301	0.00002727	0.00003606
23 DAIRIES	0.00011222	0.00008288	0.00002890	0.00005945	0.00002887	0.00004232
24 MILLING&FEEDS	0.00055080	0.00003551	0.00001249	0.00002566	0.00001291	0.00001826
25 FOOD PROCESS	0.00076864	0.00007316	0.00002562	0.00005333	0.00002692	0.00008701
26 BEVERAGES	0.00062170	0.00000849	0.00000656	0.000009185	0.00008515	0.00001197
27 TEXTILE PROD	0.00089935	0.00000277	0.00000356	0.00000441	0.00000960	0.00000827
28 WOOD PRODUCTS	0.00888527	0.00008616	0.00010172	0.00008334	0.00046762	0.00022305
29 PAPER-PRINT	0.00857698	0.03095829	0.00054499	0.00175541	0.03606710	0.00072387
30 CHEMICALS	0.00355272	0.00006144	0.00010918	0.00017485	0.00028593	0.00019884
31 PETRO PRODUCT	0.00521041	0.00081458	0.00429196	0.00861241	0.00578429	0.00400118
32 SOIL&ROCK PRO	0.00024277	0.00002495	0.00003603	0.00003372	0.00015373	0.00007811
33 METAL PRODUCT	0.00180177	0.00013520	0.00011783	0.00009899	0.00055183	0.24307583
34 PLUMB&REL PRO	0.00014386	0.00000334	0.00000418	0.00000329	0.00001960	0.00001233
35 MACHINERY	0.00246223	0.00002873	0.00004885	0.00009419	0.00011069	0.00026816
36 ELECTRONIC EQ	0.00883587	0.00002095	0.00001744	0.00001996	0.00006240	0.00013377
37 TRANS EQUIP	0.00146040	0.00000634	0.00000334	0.00000408	0.00001431	0.00012287
38 OTHER MFG	0.00342971	0.00000865	0.00000670	0.00000918	0.00004296	0.00001340
39 RAIL TRANS	0.00143261	0.00020015	0.00009817	0.00017159	0.00031072	0.02984424
40 INTERCI RU HI	0.00001271	0.00000191	0.00000492	0.00001403	0.00008716	0.00003076
41 MOTOR FREIGHT	0.00228127	0.00549691	0.00018798	0.00376938	0.00140950	0.00618251
42 OTHER WARR	0.00004375	0.00006035	0.00000938	0.00001983	0.00012624	0.00004256
43 AIR TRANS	0.00308099	0.00012074	0.00487197	0.00032575	0.00109105	0.00052710
44 PIPELINE TRN	0.00001428	0.00000025	0.00000044	0.00000070	0.00000115	0.00000080
45 LOC&SUB TRANS	0.00000138	0.00000001	0.00000000	0.00000000	0.00000001	0.00000012
46 OTHER TRN SER	0.00001209	0.00000382	0.00000279	0.00000256	0.00000284	0.00004669
47 TELEPHONE	0.02430188	0.02785027	0.00806953	0.00862680	0.00922185	0.00351805
48 RADIO&TV	0.00551076	0.00017307	0.00020638	0.00027393	0.00144944	0.00061865
49 OTHER COMMUN	0.00000043	0.00000010	0.00000012	0.00000009	0.00000058	0.00000028
50 GAS SERVICE	0.01027206	0.00049811	0.00172225	0.00414439	0.00272855	0.01589031
51 ELECT SERVICE	0.02678641	0.00121382	0.00684739	0.00827358	0.00925216	0.01923541
52 WATER&SAN SER	0.00855152	0.00014380	0.00055116	0.00087424	0.00122789	0.00077973
53 WHL AUTO PART	0.00027906	0.00023480	0.00011271	0.00051025	0.00029469	0.00042483
54 WHL &ROCERIES	0.00009197	0.00071235	0.00060320	0.00160881	0.00035751	0.00008070
55 WHL FARM PROD	0.00004965	0.00000774	0.00000273	0.00000562	0.00000294	0.00000411
56 WHL LIVESTOCK	0.00000044	0.00000028	0.00000010	0.00000022	0.00000011	0.00000015
57 WHL &NDUST MA	0.00082358	0.00002617	0.00004427	0.00008389	0.00010218	0.00013468



58 WHL FARM MACH	0.00000815	0.00000187	0.00000162	0.00001037	0.00000443	0.00000458
59 WHL PETRO PRO	0.00136774	0.00027769	0.00101452	0.00185658	0.00204110	0.00078356
60 GENERAL WHL	0.00694828	0.00567529	0.00176437	0.00459372	0.00738245	0.04528682
61 LUMBER YARDS	0.00000252	0.00000036	0.00000045	0.00000076	0.00000064	0.00000195
62 RET FARM EQUI	0.00000803	0.00000069	0.00000025	0.00000051	0.00000026	0.00000062
63 AG SUPPLIES	0.00001583	0.00000138	0.00000049	0.00000101	0.00000053	0.00000135
64 HARDWARE	0.00001616	0.00000112	0.00000444	0.00001175	0.00001839	0.00001926
65 DEPT&VARIETY	0.00000002	0.00000000	0.00000000	0.00000000	0.00000000	0.00000000
66 FOOD	0.00000013	0.00000000	0.00000000	0.00000000	0.00000001	0.00000000
67 AUTO DEAL&REP	0.00070539	0.00027324	0.00027002	0.00182573	0.00077562	0.00075572
68 GAS SERV STAT	0.00027345	0.00009420	0.00078629	0.00163995	0.00035644	0.00027619
69 APPAREL&ACCES	0.00000013	0.00000001	0.00000001	0.00000008	0.00000004	0.00000004
70 FURN&HOME FUR	0.00000040	0.00000000	0.00000001	0.00000001	0.00000004	0.00000003
71 EAT&DRINK	0.00024697	0.00293373	0.00190562	0.00630233	0.00155649	0.00022797
72 OTHER RETAIL	0.00006067	0.00006478	0.00011402	0.00063863	0.01071183	0.00004114
73 BANK&CREDIT	0.01932212	0.00057616	0.01138299	0.00577694	0.00281811	0.00753312
74 INSURANCE	0.00654339	0.00416404	0.00069583	0.00086395	0.00133376	0.00161433
75 F.I.R.E.,NEC	0.11185816	0.00081726	0.00086215	0.01642077	0.01508666	0.00133267
76 LEGAL SERVICE	0.00485497	0.00036108	0.00017643	0.00100142	0.000859538	0.00112478
77 LODG&NG	0.00026505	0.00280509	0.00411710	0.00583303	0.00051022	0.00032814
78 PERSONAL SERV	0.00017313	0.00012560	0.00011306	0.00025359	0.00046466	0.00029981
79 ADVERTISING	0.00213735	0.00027567	0.00033135	0.00031044	0.00305728	0.00025921
80 RES&DEVELOPE	0.00020922	0.00001096	0.00006386	0.00019588	0.00034809	0.00003205
81 OTHER BUS SER	0.01909508	0.00108978	0.00681880	0.02140753	0.03834600	0.00053192
82 MOTION PIC&RE	0.00150029	0.00000485	0.00000262	0.00000321	0.00016314	0.00004396
83 AUTO RENT&PAR	0.00541318	0.00020984	0.00004387	0.00011412	0.00016345	0.00002499
84 MISC REP SERV	0.00031550	0.02797152	0.00044021	0.00131631	0.00037867	0.00020447
85 PHYSEDENTIST	0.00003135	0.00001993	0.00000333	0.00000414	0.00000639	0.00000773
86 HOSPITAL&LAB	0.00000066	0.00000030	0.00000014	0.00000026	0.00000021	0.00000028
87 OTHER MEDICAL	0.00000015	0.00000010	0.00000003	0.00000007	0.00000004	0.00000005
88 EL&SEC SCHOOL	0.00402459	0.00325903	0.00113598	0.00232847	0.00112607	0.00166151
89 COLLEGE&UNIV	1.00070619	0.00122852	0.00045733	0.00095797	0.00030286	0.00040314
90 OTHER EDUCATE	0.00000000	1.00000000	0.00000000	0.00000000	0.00000000	0.00000000
91 ACCT&AUD&BOOK	0.00085791	0.00391735	1.00008806	0.00648086	0.00068413	0.00127195
92 OTHER PRO SER	0.00011179	0.00001231	0.00001614	1.24786555	0.00012963	0.00002797
93 OTHER SERVICE	0.00257027	0.00446605	0.01001644	0.00608416	1.00141728	0.00028154
94 ORDNANCE	0	0	0	0	0	1.00000000
TOTAL	1.34009317	1.13197988	1.07662399	1.38333238	1.18185783	1.41188908

TABLE IV. INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS ,TEXAS, 1967

	1	2	3	4	5	6	7	8
1 IRR COTTON	1.02381541	0.00063524	0.00065118	0.00064263	0.01726112	0.00062327	0.00067305	0.09075780
2 IRR FOOD GRAIN	0.00000367	1.01237325	0.00000348	0.00000340	0.00000387	0.00000330	0.00000363	0.00000415
3 IRR FEED GRAIN	0.00040867	0.00036987	1.01045329	0.00037488	0.00043305	0.00036512	0.01526764	0.00046547
4 OTHER IRR CROP	0.00411950	0.00343260	0.00378566	1.05189268	0.00455054	0.00345389	0.00413211	0.00504869
5 DRY COTTON	0.00374166	0.00012983	0.00013309	0.00013134	1.00690413	0.00012739	0.00013756	0.00015488
6 DRY FOOD GRAIN	0.00000101	0.00000092	0.00000096	0.00000094	0.00000107	1.04958846	0.00000100	0.00000115
7 DRY FEED GRAIN	0.00014581	0.00013201	0.00013765	0.00013380	0.00015448	0.00013030	1.00014429	0.00016603
8 OTHER DRY CROP	0.00012466	0.00010482	0.00011489	0.00010650	0.00013708	0.00010522	0.00012481	1.00015158
9 RANGE LVSTK	0.00126343	0.00105221	0.00116083	0.00106941	0.00139597	0.00105897	0.00126744	0.00154904
10 FEEDLOT LVSTK	0.00059341	0.00053651	0.00056004	0.00054388	0.00062912	0.00053046	0.00058772	0.00067634
11 DAIRY&POULTRY	0.00186372	0.00159262	0.00172653	0.00161709	0.00203290	0.00159215	0.00186039	0.00223449
12 GIN&COMPRESS	0.06147776	0.00066857	0.00007075	0.00006911	0.05773158	0.00066644	0.00007229	0.00008214
13 AG SERVICES	0.03996151	0.01624703	0.03127364	0.00871771	0.04149259	0.05743344	0.04054536	0.00073204
14 CRUDE PETRO	0.04458707	0.06711702	0.05700513	0.07074121	0.03034838	0.05369503	0.04163816	0.02172300
15 NATURAL GAS	0.00696934	0.01029733	0.00910613	0.00626237	0.00251783	0.00490285	0.00074964	0.00027333
16 OIL&GAS SERV	0.01008919	0.01469722	0.01308560	0.01247528	0.00607824	0.01188811	0.00763137	0.00338380
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000478	0.00000488	0.00000474	0.00000480	0.00000429	0.00000432	0.00000390	0.00000397
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00004001	0.00004082	0.00003965	0.00004011	0.00003585	0.00003611	0.00003260	0.00003317
21 M&REPAIR CONS	0.03106145	0.03168614	0.03077674	0.03113861	0.02783335	0.02803151	0.02530607	0.02575190
22 MEAT PRODUCTS	0.00185169	0.00167413	0.00174757	0.00169712	0.00196312	0.00165524	0.00183394	0.00211046
23 DAIRIES	0.00634576	0.00541735	0.00587649	0.00550190	0.00692886	0.00542003	0.00634157	0.00762166
24 MILLING&FEEDS	0.00085130	0.00077681	0.00080576	0.00078714	0.00089816	0.00076527	0.00084128	0.00096214
25 FOOD PROCESS	0.00147158	0.00136856	0.00140260	0.00138465	0.00153665	0.00134332	0.00145026	0.00163239
26 BEVERAGES	0.00458909	0.00385384	0.00420958	0.00387743	0.00507746	0.00383362	0.00460161	0.00563893
27 TEXTILE PROD	0.00013087	0.00011907	0.00012443	0.00011912	0.00013556	0.00011254	0.00012431	0.00014377
28 WOOD PRODUCTS	0.00213437	0.00216277	0.00210878	0.00212405	0.00193462	0.00192309	0.00176149	0.00181075
29 PAPER-PRINT	0.00640803	0.00605239	0.00605239	0.00605239	0.00668038	0.00626840	0.00626840	0.00719121
30 CHEMICALS	0.06491401	0.09648252	0.08472562	0.05856141	0.02216912	0.04204580	0.00323976	0.00143560
31 PETRO PRODUCT	0.04779487	0.06053203	0.06450497	0.03737427	0.03951798	0.09908177	0.07146941	0.02019120
32 SOIL&ROCK PRO	0.00067479	0.00068774	0.00067038	0.00067273	0.00060788	0.00061034	0.00056533	0.00056609
33 METAL PRODUCT	0.00249991	0.00258629	0.00250684	0.00253739	0.00221284	0.00226906	0.00201974	0.00203246
34 PLUMB&REL PRO	0.00008858	0.00009143	0.00008852	0.00008838	0.00007818	0.00007923	0.00007041	0.00007180
35 MACHINERY	0.00193732	0.00202296	0.00206776	0.00169002	0.00150214	0.00213143	0.00146766	0.00061828
36 ELECTRONIC EQ	0.00037404	0.00039780	0.00039011	0.00036933	0.00034063	0.00035162	0.00032442	0.00031882
37 TRANS EQUIP	0.00009500	0.00010885	0.00010343	0.00008986	0.00007308	0.00008253	0.00006253	0.00006146
38 OTHER MFG	0.00016217	0.00014557	0.00015238	0.00014669	0.00017312	0.00014051	0.00015876	0.00018805
39 RAIL TRANS	0.00297110	0.00341070	0.00342011	0.00268271	0.00247428	0.00327748	0.00264124	0.00209235
40 INTERCI RU HI	0.00133341	0.00110569	0.00122335	0.00112355	0.00147582	0.00111562	0.00133832	0.00163777
41 MOTOR FREIGHT	0.01685588	0.01460797	0.01565362	0.01483684	0.01777535	0.01469661	0.01622978	0.01899575
42 OTHER WARH	0.00062080	0.00039288	0.00040449	0.00039475	0.00062734	0.00038131	0.00041506	0.00046594
43 AIR TRANS	0.00222460	0.00207695	0.00209991	0.00193526	0.00236621	0.00196696	0.00218394	0.00255527
44 PIPELINE TRN	0.00026095	0.00038786	0.00034059	0.00023541	0.00008912	0.00016902	0.00001302	0.00000577
45 LOC&SUB TRANS	0.00054757	0.00045266	0.00050192	0.00046015	0.00060711	0.00045630	0.00054988	0.00067541
46 OTHER TRN SER	0.00007619	0.00012649	0.00011776	0.00008736	0.00004088	0.00008780	0.00005084	0.00001605
47 TELEPHONE	0.01704296	0.01606474	0.01627277	0.01676643	0.01751920	0.01567103	0.01638404	0.01796556
48 RADIO&TV	0.00446530	0.00395737	0.00418681	0.00402352	0.00476694	0.00402990	0.00445795	0.00504216
49 OTHER COMMUN	0.00025337	0.00020993	0.00023244	0.00021333	0.00028040	0.00021132	0.00025398	0.00031153
50 GAS SERVICE	0.02811099	0.04794649	0.03423215	0.06487628	0.01658775	0.01514353	0.01544662	0.01633220
51 ELECT SERVICE	0.03650823	0.04160656	0.03801083	0.04385867	0.03204146	0.02777769	0.02855608	0.03221973
52 WATER&SAN SER	0.00514502	0.00458953	0.00484737	0.00438593	0.00525704	0.00429321	0.00464253	0.00548653
53 WHL AUTO PART	0.00935793	0.00861841	0.00904285	0.00862228	0.00964611	0.00930835	0.00947532	0.00990387
54 WHL &ROCFRIES	0.03673661	0.03097019	0.03405201	0.03093218	0.04047357	0.03171622	0.03732619	0.04459783
55 WHL FARM PROD	0.00184501	0.00618069	0.00646624	0.00400572	0.00193576	0.00733484	0.00660496	0.00053233
56 WHL LIVESTOCK	0.00001460	0.00001266	0.00001359	0.00001285	0.00001581	0.00001263	0.00001455	0.00001729
57 WHL &NDUST MA	0.00119640	0.00122193	0.00126437	0.00106997	0.00104729	0.00133288	0.00107832	0.00069984

58 WHL FARM MACH	0.00768979	0.00229825	0.00227852	0.00125892	0.00720162	0.00292767	0.00212897	0.00046150
59 WHL PETRO PRO	0.02659398	0.02452772	0.02680975	0.02178975	0.02789025	0.02993387	0.02984035	0.02752456
60 GENERAL WHL	0.02189646	0.01951225	0.02052783	0.01936377	0.02309197	0.01859225	0.02083436	0.02611221
61 LUMBER YARDS	0.00170007	0.00155174	0.00155804	0.00142826	0.00188308	0.00151699	0.00170537	0.00228118
62 RET FARM EQUI	0.00863733	0.01234767	0.01259571	0.00487146	0.00651547	0.01709543	0.01356767	0.00224390
63 AG SUPPLIES	0.01761356	0.02740064	0.02379560	0.02794231	0.00628398	0.02394803	0.00458425	0.00016148
64 HARDWARE	0.00310775	0.00374441	0.00329599	0.00395937	0.00256652	0.00368508	0.00291531	0.01682577
65 DEPT&VARIETY	0.02835921	0.02344274	0.02599480	0.02383132	0.03144429	0.02363243	0.02848049	0.03498281
66 FOOD	0.01687843	0.01395204	0.01547107	0.01418354	0.01871472	0.01406509	0.01695072	0.02082070
67 AUTO DEAL&REP	0.02699976	0.02701448	0.02677728	0.02789848	0.02590211	0.02925740	0.02646297	0.02489965
68 GAS SERV STAT	0.01459357	0.01773480	0.01876343	0.01171976	0.01311624	0.02805063	0.02165440	0.00887261
69 APPAREL&ACCES	0.00847482	0.00700666	0.00776886	0.00712200	0.00939548	0.00706221	0.00850961	0.01045204
70 FURN&HOME FUR	0.00705845	0.00583568	0.00647029	0.00593265	0.00782558	0.00588289	0.00708848	0.00871842
71 EAT&DRINK	0.01233706	0.01115282	0.01138209	0.01077382	0.01347767	0.01042768	0.01226627	0.01484707
72 OTHER RETAIL	0.02366129	0.01958430	0.02170032	0.01989209	0.02621620	0.01975534	0.02376263	0.02913559
73 BANK&CREDIT	0.03821735	0.04698518	0.04055280	0.08519944	0.03384442	0.04357003	0.03504383	0.03873622
74 INSURANCE	0.01758530	0.0254222	0.01843973	0.02256088	0.01430974	0.02055695	0.01536809	0.01150156
75 F.I.R.E.,NEC	0.00568536	0.00645167	0.00526467	0.00643832	0.00541396	0.00520978	0.00490111	0.00502080
76 LEGAL SERVICE	0.00490287	0.00459640	0.00451330	0.00459858	0.00519334	0.00415948	0.00467747	0.00552567
77 LODG&ENG	0.00132643	0.00162238	0.00123486	0.00118648	0.00131438	0.00132422	0.00124615	0.00112560
78 PERSONAL SERV	0.01509360	0.01253563	0.01384978	0.01271557	0.01670976	0.01260597	0.01514664	0.01856679
79 ADVERTISING	0.00170086	0.00185560	0.00167961	0.00205295	0.00167217	0.00172736	0.00164592	0.00172999
80 RES&DEVELOPE	0.00074678	0.00106203	0.00094293	0.00067401	0.00032152	0.00055249	0.00014523	0.00008341
81 OTHER BUS SER	0.00926602	0.00934381	0.00874679	0.00855942	0.00902012	0.01036646	0.00867731	0.00606055
82 MOTION PIC&RE	0.00205644	0.00170901	0.00188946	0.00173051	0.00227110	0.00171282	0.00205484	0.00252185
83 AUTO RENT&PAR	0.00232404	0.00208568	0.00220447	0.00224256	0.00248413	0.00205596	0.00232965	0.00267949
84 MISC REP SERV	0.00939186	0.01769687	0.01197039	0.04884418	0.00432498	0.00295425	0.00318570	0.00740435
85 PHYS&DENTIST	0.01057593	0.00901934	0.00970472	0.00892413	0.01170160	0.00884094	0.01060972	0.01299668
86 HOSPITAL&LAB	0.00754662	0.00624211	0.00691823	0.00634223	0.00836639	0.00629004	0.00757839	0.00930683
87 OTHER MEDICAL	0.00100710	0.00083277	0.00092320	0.00084650	0.00111654	0.00083940	0.00101138	0.00124209
88 EL&SEC SCHOOL	0.04655789	0.04524018	0.04502774	0.04578203	0.04740625	0.04398220	0.04552303	0.04932662
89 COLLEGE&UNIV	0.00950943	0.00877585	0.00895186	0.00846053	0.01020628	0.00825847	0.00942751	0.01106240
90 OTHER EDUCATE	0.00059335	0.00049048	0.00054388	0.00049862	0.00065791	0.00049445	0.00059589	0.00073194
91 ACCT&AUD&BOOK	0.00577736	0.00511948	0.00540142	0.00512690	0.00611435	0.00505648	0.00556520	0.00648563
92 OTHER PRO SER	0.00039531	0.00040367	0.00040124	0.00038091	0.00036994	0.00034665	0.00033560	0.00036997
93 OTHER SERVICE	0.00173880	0.00206353	0.00161344	0.00183387	0.00170172	0.00153519	0.00154415	0.00174141
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.99543396	0.82284348	0.91243213	0.83649810	1.10373236	0.82951242	0.99969757	1.22793690
TOTAL	2.95119658	2.82614958	2.83840701	2.82270288	2.95618080	2.76814874	2.78749481	2.92583743

## INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	9	10	11	12	13	14	15	16
1 IRR COTTON	0.03090259	0.00917028	0.00810728	0.29362391	0.00022745	0.00045808	0.00046779	0.00053696
2 IRR FOOD GRAIN	0.00004656	0.00021315	0.00095254	0.00000331	0.00000123	0.00000243	0.00000253	0.00000291
3 IRR FEED GRAIN	0.00385447	0.13631209	0.10245824	0.00037099	0.00013747	0.00026828	0.00028147	0.00032513
4 OTHER IRR CROP	0.01908102	0.01710048	0.05595813	0.00394541	0.00146023	0.00251529	0.00287475	0.00339282
5 DRY COTTON	0.00631603	0.00187427	0.00165701	0.06001173	0.00004649	0.00009363	0.00009561	0.00010975
6 DRY FOOD GRAIN	0.00001285	0.00005882	0.00026287	0.00000091	0.00000034	0.00000067	0.00000070	0.00000080
7 DRY FEED GRAIN	0.00146586	0.03525929	0.03883525	0.00013233	0.00004903	0.00000577	0.00010047	0.00011596
8 OTHER DRY CROP	0.00010641	0.00251850	0.03613075	0.00011888	0.00004391	0.00007659	0.00008733	0.00010222
9 RANGE LVSTK	1.06935739	0.01817891	0.00077832	0.00121048	0.00044786	0.00077099	0.00088141	0.00104110
10 FEEDLOT LVSTK	0.00058115	1.00022332	0.00049282	0.00053922	0.00020021	0.00038780	0.00040569	0.00047422
11 DAIRY&POULTRY	0.00163872	0.00069501	1.13048755	0.00176192	0.00064971	0.00115899	0.00130976	0.00151688
12 GIN&COMPRESS	0.00227092	0.00068563	0.00064858	1.02096827	0.00002488	0.00004745	0.00006012	0.00005798
13 AG SERVICES	0.02097785	0.01436057	0.05143788	0.04750293	1.00059078	0.00036914	0.00041986	0.00049346
14 CRUDE PETRO	0.02579608	0.01589490	0.02972374	0.03175726	0.02198378	1.01230123	0.32367872	0.03856404
15 NATURAL GAS	0.00070847	0.00147437	0.00195182	0.00232231	0.00031830	0.00074611	1.00085252	0.00299791
16 OIL&GAS SERV	0.00454148	0.00311284	0.00569862	0.00574474	0.00408111	0.11915980	0.05850392	1.22628113
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000388	0.00000178	0.00000562	0.00000628	0.00000128	0.00000186	0.00000102	0.00000287
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00003248	0.00001485	0.00004700	0.00005252	0.00001070	0.00001554	0.00008467	0.00002401
21 MREPAIR CONS	0.02521247	0.01153069	0.03648856	0.04077171	0.00830518	0.01206425	0.06572859	0.01864192
22 MEAT PRODUCTS	0.00181175	0.00068859	0.00150071	0.00168260	0.00062473	0.00121010	0.00126593	0.00147978
23 DAIRIES	0.00558523	0.00236647	0.00426573	0.00598299	0.00221494	0.00395680	0.00440225	0.00517217
24 MILLING&FEEDS	0.01079381	0.04941791	0.22084480	0.00076803	0.00028466	0.00056367	0.00058565	0.00067430
25 FOOD PROCESS	0.06725636	0.01995070	0.01761097	0.00130809	0.00048982	0.00098817	0.00100166	0.00115682
26 BEVERAGES	0.00382557	0.00172333	0.00278518	0.00446652	0.00163451	0.00279704	0.00321720	0.00401563
27 TEXTILE PROD	0.00034250	0.00016173	0.00036014	0.00013745	0.00004429	0.00007565	0.00013693	0.00010072
28 WOOD PRODUCTS	0.00173588	0.00079379	0.00244621	0.00275834	0.00058635	0.00089694	0.00437381	0.00132434
29 PAPER-PRINT	0.00645713	0.00295356	0.00600876	0.00782411	0.00436528	0.00354985	0.00406386	0.00629644
30 CHEMICALS	0.00488394	0.01336336	0.01682053	0.02100412	0.00096002	0.00426430	0.00581481	0.00173451
31 PETRO PRODUCT	0.03468667	0.01654619	0.03764273	0.02641455	0.04047589	0.01189983	0.02551858	0.06624717
32 SOIL&ROCK PRO	0.00054108	0.00025013	0.00075783	0.00087292	0.00019111	0.00045469	0.00144552	0.00042017
33 METAL PRODUCT	0.00199783	0.00097484	0.00306036	0.00318857	0.00080934	0.00105478	0.00531906	0.00152224
34 PLUMB&REL PRO	0.00007003	0.00003248	0.00010100	0.00011326	0.00002322	0.00003450	0.00018074	0.00005222
35 MACHINERY	0.00095046	0.00063790	0.00160994	0.00165947	0.01627312	0.01238089	0.00442807	0.00072349
36 ELECTRONIC EQ	0.00033062	0.00027469	0.00069921	0.00043430	0.00025761	0.00021757	0.00062557	0.00024816
37 TRANS EQUIP	0.00005911	0.00003964	0.00010774	0.00008790	0.00003086	0.00004345	0.00037936	0.00005987
38 OTHER MFG	0.00014009	0.00006589	0.00011752	0.00015767	0.00006546	0.00011968	0.00012722	0.00019540
39 RAIL TRANS	0.00237517	0.00323519	0.01029633	0.00224484	0.00186811	0.00112064	0.00172537	0.00218716
40 INTERC RU HI	0.00110677	0.00049927	0.00081403	0.00128534	0.00051342	0.00080600	0.00092860	0.00110093
41 MOTOR FREIGHT	0.01434874	0.00745659	0.01623706	0.01635731	0.00885955	0.00912364	0.01076182	0.01380611
42 OTHER WARH	0.00462447	0.00027528	0.01975797	0.00373516	0.00018748	0.00026737	0.00031439	0.00032859
43 AIR TRANS	0.00196511	0.00087872	0.00163073	0.00229600	0.00092847	0.00131151	0.00150660	0.00223495
44 PIPELINE TRN	0.00001963	0.00005372	0.00006762	0.00008444	0.00000386	0.00001714	0.00002338	0.00000697
45 LOC&SUB TRANS	0.00045267	0.00020452	0.00032801	0.00052697	0.00019491	0.00033207	0.00038618	0.00045238
46 OTHER TRN SER	0.00008682	0.00022883	0.00051563	0.00004974	0.00020187	0.00001995	0.00001830	0.00011033
47 TELEPHONE	0.01542058	0.00752242	0.01707214	0.01845465	0.01141130	0.00974474	0.01321774	0.01620820
48 RADIO&TV	0.00428204	0.00228292	0.00369928	0.00497695	0.00345274	0.00252534	0.00291294	0.00395643
49 OTHER COMMUN	0.00020943	0.00009463	0.00015322	0.00024473	0.00008997	0.00015311	0.00018066	0.00020876
50 GAS SERVICE	0.01409743	0.01062927	0.01694634	0.02466436	0.00686369	0.00853391	0.01072747	0.01343622
51 ELECT SERVICE	0.02657734	0.01506709	0.02822287	0.04528385	0.01259771	0.01693177	0.02024789	0.02506979
52 WATER&SAN SER	0.00394621	0.00192144	0.00348229	0.00655329	0.00210208	0.00281433	0.00996217	0.00425181
53 WHL AUTO PART	0.00880786	0.00343166	0.00951564	0.00929450	0.00395304	0.00478470	0.00536042	0.00788724
54 WHL GROCERIES	0.03052821	0.01375073	0.02243439	0.03514275	0.01302482	0.02203455	0.02525173	0.03137755
55 WHL FARM PROD	0.01264043	0.03785639	0.08773695	0.00208588	0.03567822	0.00028124	0.00031100	0.00036305
56 WHL LIVESTOCK	0.00639693	0.00965424	0.00001047	0.00001364	0.00000505	0.00000921	0.00001008	0.00001185
57 WHL &NDUST MA	0.00112402	0.00063928	0.00137655	0.00105951	0.00682573	0.00539533	0.00442698	0.05104900

58 WHL FARM MACH	0.00081696	0.00054074	0.00080950	0.00274046	0.00037046	0.00007216	0.00007764	0.00013498
59 WHL PETRO PRO	0.02162010	0.00997040	0.01826876	0.02418980	0.02308984	0.01364948	0.01527928	0.02383069
60 GENERAL WHL	0.01796685	0.00849268	0.01634662	0.02365317	0.00816990	0.01391799	0.01511958	0.02818862
61 LUMBER YARDS	0.01572847	0.00087216	0.01200507	0.00166167	0.00060492	0.00102925	0.00118645	0.00140306
62 RET FARM EQUI	0.00295690	0.00259870	0.00323760	0.00294638	0.00233330	0.00002438	0.00002686	0.00003140
63 AG SUPPLIES	0.00116982	0.00396821	0.00518049	0.00547507	0.00004710	0.00008300	0.00009313	0.00010935
64 HARDWARE	0.00370507	0.00093036	0.00584192	0.00171382	0.00041814	0.00066503	0.00076471	0.00093388
65 DEPT&VARIETY	0.02346123	0.01059359	0.01700010	0.02729234	0.01009585	0.01719877	0.01981838	0.02342981
66 FOOD	0.01395379	0.00630420	0.01010924	0.01624358	0.00600819	0.01023623	0.01179539	0.01394479
67 AUTO DEAL&REP	0.02957629	0.00920320	0.03961765	0.02845672	0.00717392	0.01160165	0.01248784	0.02259531
68 GAS SERV STAT	0.01145309	0.00492411	0.01022191	0.00834217	0.00223660	0.00429109	0.00390223	0.01426109
69 APPAREL&ACCES	0.00700666	0.00316546	0.00507667	0.00815516	0.00301614	0.00513868	0.00592135	0.00700058
70 FURN&HOME FUR	0.00583637	0.00263617	0.00423114	0.00679186	0.00251197	0.00427964	0.00493163	0.00583017
71 EAT&DRINK	0.01063226	0.00478115	0.00854859	0.01272741	0.00444697	0.00761841	0.00859230	0.01387210
72 OTHER RETAIL	0.01961624	0.00898012	0.02961105	0.02280978	0.00867701	0.01433566	0.01656448	0.01960960
73 BANK&CREDIT	0.06055930	0.04680918	0.04635273	0.03749565	0.01299794	0.01460195	0.01644737	0.02923448
74 INSURANCE	0.04216587	0.00764312	0.03475632	0.01851144	0.00546898	0.00416706	0.00496136	0.01094887
75 F.I.R.E.,NEC	0.00572134	0.00313422	0.00539816	0.01414745	0.00216368	0.00716835	0.00657117	0.04615341
76 LEGAL SERVICE	0.00433769	0.00211884	0.00395950	0.00688896	0.00222711	0.00291049	0.00330115	0.00545490
77 LODG&NG	0.00130265	0.00063304	0.00184867	0.00144165	0.00376797	0.00137163	0.00100618	0.00483252
78 PERSONAL SERV	0.01251762	0.00567293	0.00920610	0.01455133	0.00545728	0.00915359	0.01056045	0.01262562
79 ADVERTISING	0.00197719	0.00103373	0.00223273	0.00179539	0.00073097	0.00089600	0.00108883	0.00209743
80 RES&DEVELOPE	0.00014398	0.00019450	0.00031750	0.00033019	0.00065860	0.00008265	0.00012399	0.00010823
81 OTHER BUS SER	0.00841863	0.00601840	0.01427060	0.01146597	0.007021086	0.00314295	0.00415309	0.00665031
82 MOTION PIC&RE	0.00171142	0.00077422	0.00124700	0.00197569	0.00072951	0.00124852	0.00144082	0.00169433
83 AUTO RENT&PAR	0.00193540	0.00104996	0.00209022	0.00256240	0.00128766	0.00164192	0.00165032	0.00222830
84 MISC REP SERV	0.00416318	0.00368676	0.01269942	0.02189582	0.00140932	0.00315683	0.00257585	0.01761707
85 PHYS&DENTIST	0.00887837	0.00395608	0.00645078	0.01019396	0.00376073	0.00638255	0.00733582	0.00872017
86 HOSPITAL&LAB	0.00623993	0.00281860	0.00452152	0.00726193	0.00268640	0.00457582	0.00540036	0.00623480
87 OTHER MEDICAL	0.00083301	0.00037616	0.00060375	0.00096910	0.00035845	0.00061088	0.00070397	0.00083199
88 EL&SEC SCHOOL	0.05182488	0.01724325	0.04615779	0.03991826	0.01483965	0.03249907	0.03124768	0.03566531
89 COLLEGE&UNIV	0.00807089	0.00369557	0.00654562	0.00906610	0.00383457	0.01073251	0.00914410	0.00961212
90 OTHER EDUCATE	0.00049054	0.00022162	0.00035539	0.00057103	0.00021122	0.00035985	0.00041483	0.00049022
91 ACCT&AUD&BOOK	0.00481087	0.00225641	0.00408547	0.00654009	0.00371949	0.00330056	0.00384736	0.00563784
92 OTHER PRO SER	0.00032387	0.00021725	0.00053535	0.00034574	0.00025801	0.00083673	0.00051846	0.00038777
93 OTHER SERVICE	0.00186305	0.00080526	0.00196070	0.00385956	0.00096239	0.00103062	0.00110261	0.00263021
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.82294737	0.37180073	0.59620782	0.95799199	0.35434303	0.60369952	0.69565135	0.82241807
TOTAL	2.74012176	2.05472417	3.04706903	3.12703905	1.78768728	2.09895984	2.55625160	2.76760221

## INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	17	18	19	20	21	22	23	24
1 IRR COTTON	0.00036891	0.00032464	0.00029940	0.00044576	0.00052556	0.00494841	0.00212553	0.00173844
2 IRR FOOD GRAIN	0.00000200	0.00000174	0.00000162	0.00000231	0.00000286	0.00024311	0.00022846	0.00453943
3 IRR FEED GRAIN	0.00022451	0.00019493	0.00018110	0.00025941	0.00031857	0.06073700	0.02457810	0.36555038
4 OTHER IRR CROP	0.00240150	0.00207851	0.00191365	0.00275069	0.00302535	0.00863968	0.01448923	0.00382175
5 DRY COTTON	0.00007540	0.00006635	0.00006119	0.00009111	0.00010742	0.00010138	0.00043443	0.00035531
6 DRY FOOD GRAIN	0.00000055	0.00000048	0.00000045	0.00000064	0.00000079	0.00006709	0.00006305	0.00125272
7 DRY FEED GRAIN	0.00008008	0.00006493	0.00006459	0.00009246	0.00011441	0.01748109	0.00931344	0.13999821
8 OTHER DRY CROP	0.00007217	0.00006248	0.00005760	0.00008267	0.00010261	0.00169127	0.00866167	0.00010426
9 RANGE LVSTK	0.00073669	0.00063755	0.00058715	0.00084382	0.00092216	0.05843765	0.00053124	0.00105474
10 FEEDLOT LVSTK	0.00032657	0.0028338	0.0026370	0.00038126	0.00041280	0.34065499	0.00028191	0.00055626
11 DAIRY&POULTRY	0.00106635	0.00092374	0.00085317	0.00122298	0.00171984	0.02593647	0.27045697	0.00155986
12 GIN&COMPRESS	0.00003999	0.00004762	0.00003748	0.00010089	0.00023187	0.00037946	0.00017577	0.00034082
13 AG SERVICES	0.00034861	0.00030239	0.00027838	0.00040197	0.00046245	0.00772292	0.01278837	0.01814282
14 CRUDE PETRO	0.01577915	0.01318610	0.01290075	0.03017520	0.02662923	0.01156788	0.01791816	0.04001370
15 NATURAL GAS	0.00019892	0.00016142	0.00017279	0.00053172	0.00269196	0.00073945	0.00068512	0.00360985
16 OIL&GAS SERV	0.00489644	0.00333152	0.00304740	0.01403296	0.00743671	0.00212704	0.00324503	0.00804362
17 RESIDENT CONS	1.00000000	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000185	1.00000160	0.00000177	0.00209659	0.00015666	0.00000193	0.00000273	0.00000475
19 INDUSTRY CONS	0	0	1.00000000	0	0	0	0	0
20 FACILITY CONS	0.00001547	0.00001340	0.00001482	1.00015728	0.00131019	0.00001618	0.00002287	0.00003977
21 ME&REPAIR CONS	0.01200931	0.01040628	0.01150359	0.01418980	1.01710019	0.01255938	0.01775416	0.03087084
22 MEAT PRODUCTS	0.00101903	0.00088425	0.00082285	0.00118970	0.00128809	1.06305822	0.00087083	0.00155855
23 DAIRIES	0.00363756	0.00315115	0.00290783	0.00417010	0.00456759	0.00212735	1.00275296	0.00530482
24 MILLING&FEEDS	0.00046469	0.00040367	0.00037521	0.00053618	0.00066319	0.05636432	0.05298676	1.05245831
25 FOOD PROCESS	0.00079469	0.00069139	0.00064175	0.00092668	0.00102051	0.01075961	0.00461350	0.00364757
26 BEVERAGES	0.00278613	0.00236569	0.00223832	0.00316271	0.00346335	0.00152944	0.00191743	0.00383283
27 TEXTILE PROD	0.00006999	0.00012522	0.00008252	0.00035366	0.00099486	0.00013582	0.00012375	0.00110974
28 WOOD PRODUCTS	0.00095561	0.01114023	0.00080652	0.00219643	0.06602654	0.00085859	0.00121219	0.00211307
29 PAPER-PRINT	0.00436094	0.00419571	0.00606861	0.00527644	0.00622044	0.00424396	0.00403235	0.00690163
30 CHEMICALS	0.00083798	0.00070340	0.00077930	0.00234622	0.02423172	0.00647325	0.00535117	0.03229255
31 PETRO PRODUCT	0.01906856	0.01512227	0.01572317	0.04763403	0.03383813	0.01227217	0.02399297	0.04916256
32 SOIL&ROCK PRO	0.04115625	0.02847547	0.02430480	0.06609126	0.01988203	0.00029162	0.00038739	0.00067351
33 METAL PRODUCT	0.02662161	0.02782878	0.00650121	0.07126080	0.07546510	0.00104132	0.00145928	0.00329477
34 PLUMB&REL PRO	0.00003393	0.00002946	0.00263939	0.00533917	0.00277184	0.00003506	0.00004934	0.00008673
35 MACHINERY	0.00739496	0.00473094	0.02458539	0.01534013	0.00639446	0.00043519	0.00062998	0.00136887
36 ELECTRONIC EQ	0.00017296	0.00014862	0.00017935	0.04848800	0.00808151	0.00021220	0.00039137	0.00074268
37 TRANS EQUIP	0.00037640	0.00015560	0.00010949	0.00087000	0.00145343	0.00003677	0.00004960	0.00020889
38 OTHER MFG	0.00010713	0.00009355	0.00008761	0.00036327	0.00024004	0.00006358	0.00016416	0.00016416
39 RAIL TRANS	0.00280661	0.00272187	0.00134095	0.00626453	0.00672185	0.00286209	0.00377370	0.03601689
40 INTERCI RU HI	0.00078216	0.00067782	0.00062900	0.00090254	0.00099099	0.00044476	0.00055806	0.00112047
41 MOTOR FREIGHT	0.01268449	0.01353385	0.00917367	0.01241961	0.01698468	0.01324151	0.02309591	0.02375907
42 OTHER WARH	0.00023023	0.00020095	0.00019212	0.00179434	0.00091571	0.00156130	0.00487201	0.00045470
43 AIR TRANS	0.00187593	0.00193535	0.00353983	0.00217539	0.00187458	0.00104783	0.00103613	0.00203733
44 PIPELINE TRN	0.00000337	0.00000283	0.00000313	0.00000943	0.00009741	0.00002602	0.00002151	0.00012981
45 LOC&SUB TRANS	0.00032114	0.00027770	0.00025550	0.00036768	0.00040260	0.00018178	0.00022785	0.00045644
46 OTHER TRN SER	0.00001245	0.00001062	0.00000794	0.00002446	0.00003794	0.00011244	0.00030370	0.00051780
47 TELEPHONE	0.01446411	0.01233088	0.01042806	0.01278273	0.01586157	0.00782804	0.01033922	0.01904217
48 RADIO&TV	0.00303237	0.00286066	0.00217344	0.00326249	0.00403612	0.00215269	0.00300794	0.00487814
49 OTHER COMMUN	0.00014796	0.00012802	0.00011795	0.00019037	0.00026687	0.00008429	0.00010582	0.00021156
50 GAS SERVICE	0.00974391	0.00853568	0.00789864	0.01320121	0.01477557	0.00774729	0.00976976	0.02318005
51 ELECT SERVICE	0.01718716	0.01475567	0.01485254	0.01991737	0.02308472	0.01389332	0.01723855	0.03944019
52 WATER&SAN SER	0.00294492	0.00251386	0.00268466	0.00347551	0.00426643	0.00415555	0.00331429	0.00553944
53 WHL AUTO PART	0.00494176	0.00438571	0.00389975	0.00572155	0.00614851	0.00346188	0.00620411	0.00840893
54 WHL &GROCERIES	0.02143373	0.01854410	0.01706894	0.02457902	0.02693848	0.05462698	0.01719166	0.03118636
55 WHL FARM PROD	0.00025451	0.00022058	0.00020382	0.00029236	0.00034978	0.01808091	0.05308654	0.07920687
56 WHL LIVESTOCK	0.00000828	0.00000717	0.00000664	0.00000957	0.00001041	0.00439398	0.00000652	0.00001278
57 WHL &NDUST MA	0.00130214	0.00110238	0.00062791	0.00472417	0.00074835	0.00047769	0.00069101	0.00120940

58 WHL FARM MACH	0.00008822	0.00006911	0.00006131	0.00008303	0.00008928	0.00030122	0.00023085	0.00119382
59 WHL PETRO PRO	0.01530597	0.01304129	0.01196640	0.01645986	0.01795874	0.00873973	0.01407989	0.02620241
60 GENERAL WHL	0.03457293	0.05387085	0.03204346	0.01579496	0.01912625	0.00897641	0.01070994	0.01959984
61 LUMBER YARDS	0.00099411	0.00086142	0.00079160	0.00115657	0.00125614	0.00158803	0.00333036	0.00141659
62 RET FARM EQUI	0.00014886	0.00006506	0.00005388	0.00002560	0.00002932	0.00131671	0.00078450	0.00653055
63 AG SUPPLIES	0.00007712	0.00006696	0.00006181	0.00008890	0.00010015	0.00184579	0.00127366	0.00942668
64 HARDWARE	0.00064183	0.00055642	0.00051600	0.00073954	0.00081740	0.00083039	0.00169468	0.00201934
65 DEPT&VARIETY	0.01661654	0.01437706	0.01322933	0.01900303	0.02078327	0.00941571	0.01180438	0.02363534
66 FOOD	0.00988972	0.00855696	0.00787374	0.01131399	0.01237030	0.00560299	0.00702302	0.01406576
67 AUTO DEAL&REP	0.01146819	0.01023060	0.00915208	0.01353342	0.01443548	0.00963548	0.01561033	0.02212725
68 GAS SERV STAT	0.00338472	0.00305726	0.00377217	0.00696410	0.00682374	0.00371563	0.00371896	0.01197428
69 APPAREL&ACCES	0.00496465	0.00429556	0.00395263	0.00567772	0.00621010	0.00281317	0.00352606	0.00706204
70 FURN&HOME FUR	0.00413477	0.00357796	0.00329192	0.00472866	0.00517437	0.00234296	0.00293734	0.00588170
71 EAT&DRINK	0.00825917	0.00708264	0.00640569	0.00896007	0.01025786	0.00428226	0.00553876	0.01274779
72 OTHER RETAIL	0.01387407	0.01200742	0.01125000	0.01642184	0.01840597	0.00827819	0.01355201	0.01983444
73 BANK&CREDIT	0.02585300	0.01752211	0.01577666	0.02220193	0.02123066	0.02437106	0.01877646	0.03525233
74 INSURANCE	0.01099327	0.01659119	0.00488500	0.01417191	0.01452298	0.00846337	0.01204426	0.01386914
75 F.I.R.F.,NEC	0.01181855	0.00513299	0.02063852	0.01158647	0.00858156	0.00232685	0.00277315	0.00622173
76 LEGAL SERVICE	0.00381350	0.00372585	0.00286515	0.00392568	0.00513777	0.00196184	0.00271626	0.00512257
77 LODGING	0.00206748	0.00185427	0.00081536	0.00127619	0.00186157	0.00057066	0.00077471	0.00318516
78 PERSONAL SERV	0.00892603	0.00774072	0.00708400	0.01052015	0.01148031	0.00546957	0.00724041	0.01299294
79 ADVERTISING	0.00171620	0.00157964	0.00109106	0.00190890	0.00327273	0.00098396	0.00319180	0.00315600
80 RES&DEVELOPE	0.00006473	0.00006034	0.00017899	0.00057308	0.00069415	0.00012357	0.00011899	0.00055024
81 OTHER BUS SER	0.00452723	0.00451245	0.01707127	0.00999910	0.01811943	0.00580161	0.00582276	0.02305790
82 MOTION PIC&RE	0.00128326	0.00116841	0.00096407	0.00140836	0.00163854	0.00068722	0.00085905	0.00176022
83 AUTO RENT&PAR	0.00293214	0.00217987	0.00152049	0.00656866	0.00182727	0.00091241	0.00123375	0.00395446
84 MISC REP SERV	0.00168946	0.00223432	0.01936488	0.00243552	0.00245397	0.00343756	0.00515547	0.01520788
85 PHYS&DENTIST	0.00619981	0.00539810	0.00491755	0.00709908	0.00775817	0.00354732	0.00442960	0.00880942
86 HOSPITAL&LAB	0.00442115	0.00382562	0.00352120	0.00505964	0.00553180	0.00340270	0.00338441	0.00628887
87 OTHER MEDICAL	0.00059001	0.00051051	0.00046975	0.00067479	0.00073798	0.00174106	0.00041959	0.00083929
88 EL&SEC SCHOOL	0.02410460	0.02100834	0.01964937	0.02792098	0.03085578	0.01614890	0.02375271	0.03944546
89 COLLEGE&UNIV	0.00596104	0.00519575	0.00495303	0.00679376	0.00792867	0.00358818	0.00516570	0.00912063
90 OTHER EDUCATE	0.00034767	0.00030081	0.00027680	0.00039760	0.00043485	0.00019816	0.00024722	0.00049447
91 ACCT&AUD&BOOK	0.00450826	0.00392449	0.00330355	0.00561338	0.00631221	0.00214609	0.00310747	0.00506257
92 OTHER PRO SER	0.00036650	0.00019533	0.00016469	0.00041476	0.00049001	0.00020026	0.00031109	0.00157604
93 OTHER SERVICE	0.00224686	0.00220163	0.00159490	0.00210828	0.00259091	0.00262478	0.00126089	0.00201737
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.58326318	0.50465433	0.46436754	0.66703118	0.72951637	0.33044562	0.41419418	0.82954959
TOTAL	2.07479490	1.96031837	1.89609431	2.38615932	2.46120308	2.34011865	2.25215177	3.27457926

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	25	26	27	28	29	30	31	32
1 IRR COTTON	0.46182413	0.00140470	0.07909573	0.00057603	0.00050322	0.00038075	0.00053522	0.00041930
2 IRR FOOD GRAIN	0.00000342	0.00000204	0.00000295	0.00000114	0.00000273	0.00000198	0.00000279	0.00000225
3 IRR FEED GRAIN	0.00037998	0.00022818	0.00032958	0.00012649	0.00030553	0.00022032	0.00030954	0.00025116
4 OTHER IRR CROP	0.16451766	0.00271086	0.00342742	0.00122576	0.00326105	0.00217098	0.00300656	0.00256071
5 DRY COTTON	0.09438999	0.00028710	0.01616582	0.00011773	0.00010285	0.00007782	0.00010939	0.00008570
6 DRY FOOD GRAIN	0.00000094	0.00000056	0.00000081	0.00000031	0.00000075	0.00000055	0.00000077	0.00000062
7 DRY FEED GRAIN	0.00013558	0.00008138	0.00011753	0.00004513	0.00010900	0.00007867	0.00011048	0.00008960
8 OTHER DRY CROP	0.00011470	0.00007097	0.00010333	0.00003720	0.00009802	0.00006640	0.00009113	0.00007731
9 RANGE LVSTK	0.00116118	0.00072201	0.00105169	0.00037580	0.00100013	0.00066426	0.00092053	0.00078536
10 FEEDLOT LVSTK	0.00055176	0.00033274	0.00048138	0.00018431	0.00044346	0.00031618	0.00044795	0.00036511
11 DAIRY&POULTRY	0.00171809	0.00105517	0.00153500	0.00055965	0.00144890	0.00100749	0.00137058	0.00115218
12 GING&COMPRESS	0.03363563	0.00011525	0.27373667	0.00127781	0.00005454	0.00005465	0.00005465	0.00004493
13 AG SERVICES	0.02327502	0.00039312	0.01307933	0.00023709	0.00047344	0.00031869	0.00043997	0.00037314
14 CRUDE PETRO	0.04388454	0.01374235	0.03609596	0.00810268	0.01441801	0.08428030	0.49189574	0.06522371
15 NATURAL GAS	0.00485872	0.00017112	0.00098882	0.00009786	0.00018466	0.11430088	0.00759053	0.00102198
16 OIL&GAS SERV	0.00858338	0.00211886	0.00620723	0.00125806	0.00208578	0.06461504	0.09912577	0.03997837
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000418	0.00000174	0.00000361	0.00000112	0.00000246	0.00001204	0.00000258	0.00000214
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00003493	0.00001458	0.00003018	0.00000938	0.00002059	0.00010070	0.00002161	0.00001792
21 M&REPAIR CONS	0.02711402	0.01131726	0.02342840	0.00727912	0.01598630	0.07817220	0.01677542	0.01390883
22 MEAT PRODUCTS	0.00172172	0.00103829	0.00150210	0.00057511	0.00138379	0.00098662	0.00139779	0.00113930
23 DAIRIES	0.00585209	0.00360024	0.00522777	0.00190818	0.00494330	0.00335066	0.00467532	0.00392957
24 MILLING&FEEDS	0.00079250	0.00047387	0.00068348	0.00026440	0.00063287	0.00046005	0.00064800	0.00052260
25 FOOD PROCESS	1.00530617	0.00304952	0.00117518	0.00046527	0.00108400	0.00081166	0.00115361	0.00090356
26 BEVERAGES	0.00423977	1.01167686	0.00386477	0.00136651	0.00364475	0.00242923	0.00334416	0.00286095
27 TEXTILE PROD	0.00357251	0.00007708	1.37209420	0.00632947	0.00009547	0.00014070	0.00009611	0.00007692
28 WOOD PRODUCTS	0.00187088	0.00080887	0.00163631	1.00390430	0.00113673	0.00514850	0.00126126	0.00099912
29 PAPER-PRINT	0.00676422	0.00473466	0.00816716	0.00535713	1.01163614	0.00401705	0.00594539	0.00513057
30 CHEMICALS	0.04511732	0.00096955	0.00715025	0.00051378	0.00125504	1.10698386	0.01610943	0.00246133
31 PETRO PRODUCT	0.03463036	0.01234667	0.04460210	0.00756645	0.00856462	0.04771955	1.14113631	0.13576504
32 SOIL&ROCK PRO	0.00059417	0.00026744	0.00055515	0.00017271	0.00036475	0.00169087	0.00054218	1.01115572
33 METAL PRODUCT	0.00217910	0.00090624	0.00192444	0.00057702	0.00156237	0.00692574	0.00194603	0.00118717
34 PLUMB&REL PRO	0.00007697	0.00003179	0.00006563	0.00002042	0.00004480	0.00025836	0.00004800	0.00003913
35 MACHINERY	0.00149723	0.00097276	0.00095976	0.00019591	0.00071943	0.00894262	0.00628299	0.00099134
36 ELECTRONIC EQ	0.00033114	0.00015620	0.00029648	0.00009809	0.00022439	0.00106404	0.00031393	0.00019805
37 TRANS EQUIP	0.00007916	0.00002999	0.00005913	0.00001877	0.00012307	0.00059721	0.00013526	0.00004616
38 OTHER MFG	0.00016109	0.00021077	0.00015395	0.00008080	0.00016402	0.00013957	0.00014954	0.00018795
39 RAIL TRANS	0.00248457	0.00105471	0.00208626	0.00059412	0.00484430	0.01436907	0.01683817	0.00281994
40 INTERCI RU HI	0.00122536	0.00101895	0.00112184	0.00039572	0.00107538	0.00069953	0.00096592	0.00082855
41 MOTOR FREIGHT	0.01760527	0.00914532	0.01790463	0.03903357	0.01344613	0.01086730	0.01587828	0.03752065
42 OTHER WARR	0.00057220	0.00023086	0.00124080	0.00013684	0.00174929	0.00027790	0.00031619	0.00025493
43 AIR TRANS	0.00212428	0.00120491	0.00239549	0.00073542	0.00249519	0.00183592	0.00283567	0.00162170
44 PIPELINE TRN	0.00018137	0.00000390	0.00002874	0.00000207	0.00000505	0.00445002	0.00006476	0.00000989
45 LOC&SUB TRANS	0.00050273	0.00031341	0.00045679	0.00016223	0.00043561	0.00028807	0.00039777	0.00034066
46 OTHER TRN SER	0.00006232	0.00000812	0.00002991	0.00000695	0.00001606	0.00091875	0.00005296	0.00001580
47 TELEPHONE	0.01681289	0.00990502	0.02837670	0.02083074	0.01741170	0.01053704	0.01280426	0.01399992
48 RADIO&TV	0.00729359	0.01252706	0.00428201	0.00216289	0.00456717	0.00254680	0.00354910	0.00521526
49 OTHER COMMUN	0.00023252	0.00014450	0.00021118	0.00007492	0.00020083	0.00013811	0.00018356	0.00015720
50 GAS SERVICE	0.03437831	0.01053813	0.02162140	0.00607652	0.01316747	0.03652094	0.04003854	0.01278778
51 ELECT SERVICE	0.04529346	0.01932203	0.03419372	0.01168019	0.02915466	0.06821791	0.03002995	0.01867097
52 WATER&SAN SER	0.00491617	0.00413550	0.00848888	0.00246904	0.00467955	0.00953734	0.00501734	0.00352487
53 WHL AUTO PART	0.00842424	0.00703631	0.01173068	0.00353872	0.00610283	0.00434423	0.00594727	0.00658069
54 WHL &ROCKSERIES	0.03479882	0.02060702	0.03054145	0.01090178	0.02868413	0.01909514	0.02629481	0.02250915
55 WHL FARM PROD	0.00181483	0.00025613	0.00081400	0.00013721	0.00034592	0.00023852	0.00033104	0.00027657
56 WHL LIVESTOCK	0.00001349	0.00000827	0.00001200	0.00000443	0.00001124	0.00000772	0.00001082	0.00000903
57 WHL &NUST MA	0.00570988	0.00043498	0.00085634	0.00029158	0.00048928	0.00343943	0.00461644	0.00199199



58 WHL FARM MACH	0.00433994	0.00007037	0.00097015	0.00003964	0.00008616	0.00006342	0.00008353	0.00007846
59 WHL PETRO PRO	0.02339389	0.01506746	0.02098682	0.00772290	0.01752845	0.01191597	0.01622389	0.01521817
60 GENERAL WHL	0.02046047	0.01215443	0.02098260	0.01583579	0.03731547	0.02450738	0.01773371	0.02926997
61 LUMBER YARDS	0.00156020	0.00097100	0.00142450	0.00062991	0.00134896	0.00090495	0.00126781	0.00105927
62 RET FARM EQUI	0.00523624	0.00003346	0.00081191	0.00001530	0.00002992	0.00002071	0.00002880	0.00002394
63 AG SUPPLIES	0.01280735	0.00010425	0.00154432	0.00005751	0.00010468	0.00007112	0.00009861	0.00008294
64 HARDWARE	0.00250650	0.00062802	0.00110614	0.00036953	0.00087055	0.00066529	0.00081417	0.00068342
65 DEPT&VARIETY	0.02603744	0.01623268	0.02365850	0.00840275	0.02255806	0.01489809	0.02059745	0.01764366
66 FOOD	0.01549676	0.00966125	0.01413098	0.00501203	0.01342595	0.00886366	0.01225898	0.01050103
67 AUTO DEAL&REP	0.02357219	0.00977531	0.04890035	0.00587569	0.01387274	0.01024818	0.01340083	0.01279995
68 GAS SERV STAT	0.01104678	0.00255254	0.00846784	0.00225231	0.00419103	0.00326167	0.00436077	0.00370064
69 APPAREL&ACCES	0.00779898	0.00484995	0.00707010	0.00251052	0.00673978	0.00447611	0.00615436	0.00527159
70 FURN&HOME FUR	0.00648028	0.00403925	0.00588722	0.00213406	0.00561322	0.00370603	0.00512535	0.00439035
71 EAT&DRINK	0.01143489	0.00692403	0.01086347	0.00362326	0.00967361	0.00673074	0.00902208	0.00772051
72 OTHER RETAIL	0.02176291	0.01353933	0.02047109	0.00701941	0.01921583	0.01250171	0.01717797	0.01487951
73 BANK&CREDIT	0.06415466	0.01636041	0.07350782	0.00933897	0.01905085	0.01335493	0.01750245	0.01767834
74 INSURANCE	0.02012963	0.00377918	0.02631936	0.00378206	0.01182511	0.00823446	0.00661243	0.00896439
75 F.I.R.E.,NEC	0.00898931	0.00536970	0.00860743	0.00305405	0.00407158	0.00577093	0.00733804	0.00487215
76 LEGAL SERVICE	0.00521508	0.00271799	0.00681274	0.00193282	0.00517956	0.00284082	0.00376936	0.00365237
77 LODG&ENG	0.00146592	0.00056637	0.00127711	0.00403359	0.00085169	0.00095890	0.00120481	0.00089626
78 PERSONAL SERV	0.01397391	0.00882240	0.01283821	0.00493191	0.01212203	0.00809856	0.01117272	0.00969954
79 ADVERTISING	0.00245625	0.01035462	0.00239457	0.00267431	0.00418711	0.00102530	0.00194252	0.00736003
80 RES&DEVELOPE	0.00055851	0.00004568	0.00017300	0.00005211	0.00010524	0.01092724	0.00067220	0.00013547
81 OTHER BUS SER	0.01063832	0.00311638	0.00879041	0.00471733	0.00953580	0.00451574	0.00533377	0.00589643
82 MOTION PIC&RE	0.00215437	0.00117359	0.00275375	0.00236117	0.00169158	0.00125141	0.00149588	0.00157723
83 AUTO RENT&PAR	0.00218312	0.00128520	0.00263386	0.00097791	0.00178346	0.00129357	0.00326696	0.00201132
84 MISC REP SERV	0.01336376	0.00149689	0.02723444	0.00120195	0.00373804	0.00242667	0.00319677	0.00211997
85 PHYS&DENTIST	0.00977873	0.00602340	0.00888062	0.00312662	0.00840182	0.00554922	0.00765207	0.00657014
86 HOSPITAL&LAB	0.00692916	0.00431861	0.00629579	0.00223562	0.00600155	0.00397763	0.00550020	0.00469645
87 OTHER MEDICAL	0.00092470	0.00057643	0.00084014	0.00029843	0.00080098	0.00052892	0.00073156	0.00062656
88 EL&SEC SCHOOL	0.04376025	0.02537603	0.03620359	0.01487740	0.03293260	0.02516489	0.03642466	0.02823069
89 COLLEGE&UNIV	0.00903056	0.00618645	0.00972408	0.00386263	0.00817084	0.00660605	0.01158656	0.00800976
90 OTHER EDUCATE	0.00054478	0.00033964	0.00049501	0.00017581	0.00047198	0.00031162	0.00043098	0.00036916
91 ACCT&AUD&BOOK	0.00622581	0.00372891	0.01042462	0.00369615	0.00611754	0.00365989	0.00412372	0.00486378
92 OTHER PRO SER	0.00060435	0.00057845	0.00032341	0.00018352	0.00036492	0.00124022	0.00059154	0.00056700
93 OTHER SERVICE	0.00375424	0.00125691	0.00409216	0.00093841	0.00204396	0.00158769	0.00189442	0.00637022
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.91394017	0.56978919	0.83044382	0.29494309	0.79181859	0.52274682	0.72299443	0.61931608
TOTAL	3.50013101	1.94388170	3.34073418	1.57505835	2.29080399	2.46174230	2.95395806	2.29089713

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	33	34	35	36	37	38	39	40
1 IRR COTTON	0.00037007	0.00056776	0.00040015	0.00017953	0.00029708	0.00070866	0.00146220	0.00063561
2 IRR FOOD GRAIN	0.00000174	0.00000312	0.00000217	0.00000097	0.00000157	0.00000361	0.00000355	0.00000342
3 IRR FEED GRAIN	0.00019442	0.00035029	0.00024210	0.00010847	0.00017473	0.00039235	0.00039633	0.00038296
4 OTHER IRR CROP	0.00205646	0.00386544	0.00253612	0.00112951	0.00178737	0.00314320	0.00430569	0.00388804
5 DRY COTTON	0.00007564	0.00011604	0.00008178	0.00003669	0.00006072	0.00014484	0.00029885	0.00012991
6 DRY FOOD GRAIN	0.00000048	0.00000086	0.00000050	0.00000027	0.00000043	0.00000100	0.00000098	0.00000094
7 DRY FEED GRAIN	0.00006937	0.00012491	0.00008637	0.00003869	0.00006233	0.00014015	0.00014145	0.00013637
8 OTHER DRY CROP	0.00006147	0.00011584	0.00007637	0.00003403	0.00005391	0.00009730	0.00012261	0.00011737
9 RANGE LVSTK	0.00062551	0.00118621	0.00077791	0.00034651	0.00054771	0.00096147	0.00123452	0.00119514
10 FEEDLOT LVSTK	0.00028203	0.00051037	0.00035169	0.00015790	0.00025437	0.00056573	0.00057248	0.00057192
11 DAIRY&POULTRY	0.00091242	0.00170210	0.00113246	0.00050517	0.00080316	0.00151893	0.00184449	0.00174803
12 GING&COMPRESS	0.00003947	0.00006212	0.00004327	0.00001946	0.00003399	0.00007084	0.00014528	0.00006811
13 AG SERVICES	0.00029902	0.00055973	0.00037171	0.00016431	0.00026051	0.00046820	0.00062815	0.00056658
14 CRUDE PETRO	0.03914376	0.01612882	0.01547006	0.00645402	0.03329374	0.02053683	0.03242793	0.02559730
15 NATURAL GAS	0.00012908	0.00014615	0.00043405	0.00005550	0.00044512	0.00023953	0.00063889	0.00030815
16 OIL&GAS SERV	0.00487672	0.00220509	0.00240999	0.00090080	0.00608500	0.00325065	0.00578848	0.00417400
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000242	0.00000277	0.00000194	0.00000086	0.00000158	0.00000225	0.00001749	0.00000317
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00002023	0.00002315	0.00001626	0.00000723	0.00001324	0.00001882	0.00014628	0.00002651
21 M&REPAIR CONS	0.01570663	0.01797494	0.01261889	0.00561438	0.01027939	0.01461096	0.11355877	0.02058357
22 MEAT PRODUCTS	0.00088004	0.00159258	0.00109742	0.00049270	0.00079373	0.00176529	0.00178639	0.00178464
23 DAIRIES	0.00310575	0.00580719	0.00386357	0.00172342	0.00273837	0.00518961	0.00617172	0.00595737
24 MILLING&FEEDS	0.00040341	0.00072223	0.00050240	0.00022513	0.00083632	0.00083638	0.00082419	0.00079218
25 FOOD PROCESS	0.00079758	0.00122266	0.00086203	0.00038673	0.00063881	0.00153034	0.00315820	0.00136969
26 BEVERAGES	0.00228297	0.00434312	0.00287621	0.00126499	0.00199930	0.00342097	0.00460890	0.00438306
27 TEXTILE PROD	0.00006694	0.00011071	0.00007541	0.00003405	0.00006554	0.00010390	0.00020980	0.00011657
28 WOOD PRODUCTS	0.00108135	0.00127797	0.00090836	0.00040120	0.00231106	0.00116850	0.00748844	0.00147443
29 PAPER-PRINT	0.00361402	0.00642457	0.00455293	0.01887352	0.00408617	0.01310246	0.00769309	0.00834954
30 CHEMICALS	0.00080487	0.00096524	0.00354459	0.00033054	0.00128080	0.00109552	0.00383345	0.00136425
31 PETRO PRODUCT	0.00629626	0.00657414	0.01132543	0.00330682	0.05897327	0.02141203	0.04449826	0.02995181
32 SOIL&ROCK PRO	0.00034383	0.00040723	0.00028400	0.00013181	0.00025034	0.00034347	0.00231136	0.00052948
33 METAL PRODUCT	1.00285724	0.00141990	0.00840219	0.00669139	0.08771760	0.00119139	0.03486706	0.00163238
34 PLUMB&REL PRO	0.00005612	1.00005031	0.00003553	0.00001585	0.00002991	0.00004290	0.00031123	0.00005785
35 MACHINERY	0.00079112	0.00045823	1.00186401	0.00016463	0.00055944	0.00049862	0.00354322	0.00059803
36 ELECTRONIC EQ	0.00039739	0.00023631	0.00162776	1.05716714	0.00016272	0.00032763	0.00455766	0.00028598
37 TRANS EQUIP	0.00028275	0.00004495	0.00035454	0.00001757	1.00005736	0.00006037	0.00422807	0.00005512
38 OTHER MFG	0.00011124	0.00021353	0.00042334	0.00009047	0.00008395	1.01893014	0.00024212	0.00031550
39 RAIL TRANS	0.06558587	0.00151201	0.00243738	0.00096075	0.00874874	0.00146280	1.05282682	0.00186489
40 INTERCI RU HI	0.00078322	0.00125465	0.00082199	0.00036829	0.00058853	0.00099078	0.00130772	1.00125439
41 MOTOR FREIGHT	0.00913302	0.01891674	0.01350261	0.00530908	0.01360772	0.01535486	0.02345574	0.01481491
42 OTHER WARE	0.00030770	0.00035300	0.00035358	0.00013489	0.00087428	0.00039813	0.00046092	0.00038495
43 AIR TRANS	0.00127096	0.00212140	0.00135615	0.00063333	0.00111497	0.00163671	0.00491521	0.00216442
44 PIPELINE TRN	0.00000324	0.00000388	0.00001425	0.00000133	0.00000515	0.00000440	0.00001541	0.00000548
45 LOC&SUB TRANS	0.00027226	0.00051781	0.00033852	0.00015056	0.00118037	0.00040753	0.00053952	0.00051708
46 OTHER TRN SER	0.00010736	0.00001214	0.00001280	0.00000578	0.00001939	0.00001410	0.000150074	0.00001306
47 TELEPHONE	0.00995225	0.01881065	0.01242614	0.01188493	0.01055180	0.02141402	0.01562923	0.01631859
48 RADIO&TV	0.00312308	0.00599626	0.00328764	0.00127412	0.00216304	0.00315161	0.01570388	0.00905971
49 OTHER COMMUN	0.00012590	0.00023870	0.00015598	0.00006943	0.00010969	0.00018788	0.00025464	0.00023857
50 GAS SERVICE	0.04404892	0.01619967	0.01301334	0.00615794	0.01152835	0.01432880	0.01738326	0.01628472
51 ELECT SERVICE	0.01994537	0.03179841	0.02580666	0.01175612	0.01667716	0.02240933	0.03016950	0.03100239
52 WATER&SAN SER	0.00278897	0.00496768	0.00314674	0.00197378	0.00377834	0.00498460	0.00845520	0.00546022
53 WHL AUTO PART	0.00396906	0.00727644	0.00575071	0.00301278	0.00504251	0.00605579	0.00929613	0.03406057
54 WHL &GROCERIES	0.01793091	0.03411079	0.02230320	0.00996535	0.01571570	0.02704408	0.03526497	0.03423095
55 WHL FARM PROD	0.00021807	0.00040478	0.00027110	0.00012097	0.00019271	0.00037638	0.00043928	0.00042007
56 WHL LIVESTOCK	0.00000709	0.00001315	0.00000882	0.00000395	0.00000629	0.00001246	0.00001417	0.00001393
57 WHL &NDUST MA	0.00047086	0.00054896	0.00159291	0.00064769	0.00121553	0.00066436	0.00086606	0.00070100

58 WHL FARM MACH	0.00005430	0.00010098	0.00007490	0.00006326	0.00004839	0.00009119	0.00011368	0.00010117
59 WHL PETRO PRO	0.01067921	0.02036664	0.01511367	0.00596126	0.03263932	0.01722161	0.02176903	0.03246875
60 GENERAL WHL	0.01325354	0.03495585	0.01930057	0.00830419	0.01643262	0.01589440	0.03395020	0.02231028
61 LUMBER YARDS	0.00084721	0.00160337	0.00105273	0.00046657	0.00073835	0.00126442	0.00166138	0.00160244
62 RET FARM EQUI	0.00001939	0.00003497	0.00002493	0.00001046	0.00001674	0.00003282	0.00004676	0.00003637
63 AG SUPPLTES	0.00006703	0.00012324	0.00009210	0.00003642	0.00005798	0.00010756	0.00015264	0.00012595
64 HARDWARE	0.00060393	0.00103131	0.00067683	0.00030407	0.00048130	0.00081432	0.00107626	0.00103121
65 DEPT&VARIETY	0.01408908	0.02682005	0.01751778	0.00779794	0.01230574	0.02110661	0.02774035	0.02678183
66 FOOD	0.00838544	0.01596258	0.01042610	0.00464112	0.00732406	0.01256209	0.01651037	0.01593985
67 AUTO DEAL&REP	0.00865831	0.01628855	0.01213150	0.01083025	0.00777673	0.01443510	0.01705600	0.01619208
68 GAS SERV STAT	0.00244073	0.00472097	0.00347623	0.00140777	0.00241175	0.00647372	0.00472588	0.00454546
69 APPAREL&ACCES	0.00420946	0.00801313	0.00523398	0.00233007	0.00367667	0.00630619	0.00828820	0.00800172
70 FURN&HOME FUR	0.00350591	0.00667374	0.00435902	0.00194040	0.00306217	0.00525205	0.00690301	0.00666424
71 EAT&DRINK	0.00611696	0.01158569	0.00752030	0.00356677	0.00553348	0.00891899	0.01193122	0.01228398
72 OTHER RETAIL	0.01185799	0.02234860	0.01483297	0.00651547	0.01038389	0.01758958	0.02322066	0.02243285
73 BANK&CREDIT	0.01427312	0.02131176	0.01502316	0.01029820	0.01176745	0.01732417	0.03054783	0.02268742
74 INSURANCE	0.00613360	0.02363295	0.00533650	0.00716690	0.01023148	0.00487340	0.00929008	0.06403677
75 F.I.R.E.,NEC	0.00388634	0.00527810	0.00280080	0.00176578	0.00350327	0.00686192	0.02745423	0.00531678
76 LEGAL SERVICE	0.00332010	0.00865168	0.00322443	0.00515689	0.00391356	0.00348327	0.00503089	0.00962717
77 LODG&NG	0.00078881	0.00103173	0.00090221	0.00046281	0.00059413	0.00071200	0.00112475	0.00189029
78 PERSONAL SERV	0.00808328	0.01458198	0.00946286	0.01061295	0.00777796	0.01122625	0.02352637	0.01452923
79 ADVERTISING	0.00091402	0.00661057	0.00238698	0.00059879	0.00080256	0.00112531	0.00303619	0.01399700
80 RES&DEVELOPE	0.00013547	0.00005992	0.00047145	0.00002279	0.00008831	0.00005818	0.00021066	0.00008598
81 OTHER BUS SER	0.00299932	0.00480136	0.00438761	0.00180241	0.00459064	0.00389176	0.01350917	0.00614626
82 MOTION PIC&RE	0.00119209	0.00193676	0.00127012	0.00056755	0.00090882	0.01012049	0.00201996	0.00194048
83 AUTO RENT&PAR	0.00108424	0.00203126	0.00201997	0.00065459	0.00127098	0.00171545	0.00223406	0.00219390
84 MISC REP SERV	0.00154774	0.00240242	0.01330025	0.00805802	0.01158717	0.00370353	0.00281687	0.00247911
85 PHYS&DENTIST	0.00524154	0.01004957	0.00650615	0.00291910	0.00460142	0.00783166	0.01030697	0.01021417
86 HOSPITAL&LAB	0.00374837	0.00768897	0.00466054	0.00207480	0.00327513	0.00561586	0.00738090	0.00712822
87 OTHER MEDICAL	0.00050029	0.00095315	0.00062204	0.00027691	0.00043700	0.00075006	0.00098509	0.00095121
88 ELR&SEC SCHOOL	0.02128676	0.03632203	0.02654341	0.01195338	0.01959638	0.05295472	0.04412922	0.04242262
89 COLLEGE&UNIV	0.00512399	0.00900222	0.00721903	0.00311269	0.00504757	0.02250761	0.00951969	0.01208441
90 OTHER EDUCATE	0.00029479	0.00056189	0.00036652	0.00016316	0.00025747	0.00044161	0.00058041	0.00056036
91 ACCT&AUD&BOOK	0.00309120	0.00533243	0.00375477	0.00343593	0.00338484	0.01090571	0.00565532	0.00864674
92 OTHER PRO SER	0.00019931	0.00049850	0.00027787	0.00032799	0.00015860	0.00023215	0.00041494	0.00080621
93 OTHER SERVICE	0.00095447	0.00183941	0.00139728	0.00053697	0.00500849	0.00108945	0.00177651	0.00188546
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.49454553	0.94142044	0.61489735	0.27371816	0.43194790	0.74087071	0.97372334	0.94007881
TOTAL	1.93321676	2.49920243	2.02491925	1.56136611	1.94332823	2.27515940	2.86298511	2.62819166

## INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	41	42	43	44	45	46	47	48
1 IRR COTTON	0.00063263	0.00077144	0.00067063	0.00052559	0.00059560	0.00067945	0.00048653	0.00043068
2 IRR FOOD GRAIN	0.00000332	0.00000413	0.00000367	0.00000275	0.00000322	0.00000366	0.00000248	0.00000231
3 IRR FEED GRAIN	0.00036790	0.00045924	0.00041199	0.00030220	0.00036159	0.00041042	0.00026834	0.00025783
4 OTHER IRR CROP	0.00331994	0.00454169	0.00448829	0.00265576	0.00378773	0.00419376	0.00200881	0.00263339
5 DRY COTTON	0.00012930	0.00015767	0.00013707	0.00010742	0.00012173	0.00013887	0.00009944	0.00008803
6 DRY FOOD GRAIN	0.00000092	0.00000114	0.00000101	0.00000076	0.00000089	0.00000101	0.00000068	0.00000064
7 DRY FEED GRAIN	0.00013101	0.00016387	0.00014692	0.00010792	0.00012878	0.00014610	0.00009586	0.00009200
8 OTHER DRY CROP	0.00010145	0.00013783	0.00013468	0.00008181	0.00011401	0.00012651	0.00006283	0.00007957
9 RANGE LVSTK	0.00102071	0.00139285	0.00137735	0.00081354	0.00116390	0.00128948	0.00061479	0.00080749
10 FEEDLOT LVSTK	0.00055220	0.00066618	0.00060079	0.00043517	0.00053797	0.00061524	0.00038724	0.00037398
11 DAIRY&POULTRY	0.00154447	0.00206954	0.00198365	0.00125974	0.00168911	0.00188147	0.00099586	0.00118682
12 GIN&COMPRESS	0.00006660	0.00008669	0.00007334	0.00005927	0.00006458	0.00007196	0.00004706	0.00004730
13 AG SERVICES	0.00048879	0.00066396	0.00065057	0.00039274	0.00055062	0.00061074	0.00030139	0.00038382
14 CRUDE PETRO	0.04268423	0.02352087	0.07089385	0.04895876	0.06986978	0.02479943	0.00843378	0.01374471
15 NATURAL GAS	0.00046217	0.00022996	0.00103530	0.00035420	0.00099023	0.00030218	0.00007731	0.00016944
16 OIL&GAS SERV	0.00701524	0.00317743	0.01343717	0.00702742	0.01314132	0.00403913	0.00113412	0.00209782
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000339	0.00000707	0.00000376	0.00000699	0.00000304	0.00000307	0.00000150	0.00000312
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00002835	0.00005914	0.00003147	0.00005844	0.00002544	0.00002565	0.00001250	0.00002612
21 REPAIR CONS	0.02201184	0.04591316	0.02443067	0.04536590	0.01974760	0.01991418	0.00970728	0.02028071
22 MEAT PRODUCTS	0.00172310	0.00207877	0.00187473	0.00135790	0.00167870	0.00191981	0.00120835	0.00116699
23 DAIRIES	0.00525864	0.00703197	0.00676308	0.00425980	0.00575725	0.00641440	0.00340344	0.00404025
24 MILLING&FEEDS	0.00076893	0.00095849	0.00085046	0.00063850	0.00074616	0.00084767	0.00057472	0.00053651
25 FOOD PROCESS	0.00136403	0.00165981	0.00144420	0.00113071	0.00128298	0.00146470	0.00105167	0.00092735
26 BEVERAGES	0.00370495	0.00505337	0.00503018	0.00291400	0.00426778	0.00472654	0.00223562	0.00297467
27 TEXTILE PROD	0.00010992	0.00016209	0.00013055	0.00011149	0.00011310	0.00012025	0.00006325	0.00008490
28 WOOD PRODUCTS	0.00158884	0.00315682	0.00172258	0.00304386	0.00140225	0.00142406	0.00072360	0.00139712
29 PAPER-PRINT	0.00750653	0.00680330	0.00846604	0.01367369	0.00831220	0.00793887	0.00483699	0.01249820
30 CHEMICALS	0.00169481	0.00173232	0.00294343	0.00195871	0.00273793	0.00134542	0.00055108	0.00095215
31 PETRO PRODUCT	0.05297774	0.00703091	0.13862006	0.02641436	0.13417179	0.02890259	0.00282321	0.01128876
32 SOIL&ROCK PRO	0.00057704	0.00096760	0.00055415	0.00726017	0.00052375	0.00044762	0.00022688	0.00044096
33 METAL PRODUCT	0.00174863	0.00351138	0.00198293	0.00368774	0.00162699	0.00158592	0.00080006	0.00163793
34 PLUMB&REL PRO	0.00006213	0.00012683	0.00006821	0.00012490	0.00005532	0.00005586	0.00002772	0.00005627
35 MACHINERY	0.00080101	0.00074012	0.00119640	0.02003619	0.00112938	0.00059207	0.00025165	0.00040252
36 ELECTRONIC EQ	0.00032454	0.00048726	0.00031156	0.01621869	0.00026444	0.00027056	0.00016812	0.00024010
37 TRANS EQUIP	0.00006309	0.00009018	0.00006793	0.00021242	0.00005859	0.00005288	0.00003432	0.00005402
38 OTHER MFG	0.00029155	0.00017739	0.00027012	0.00233050	0.00027362	0.00019829	0.00012163	0.00043249
39 RAIL TRANS	0.00210447	0.00200238	0.00355533	0.00159758	0.00331847	0.00195296	0.00187700	0.00376809
40 INTERCIRU HI	0.00106016	0.00146258	0.00145557	0.00084624	0.00122513	0.00147353	0.00062872	0.00085528
41 MOTOR FREIGHT	1.01340486	0.01641321	0.01697148	0.00996044	0.01497838	0.01782013	0.00809402	0.00987945
42 OTHER WARH	0.00037252	1.00048697	0.00041762	0.00034139	0.00036781	0.00040905	0.00026943	0.00027781
43 AIR TRANS	0.00204915	0.00233164	1.00247532	0.00136429	0.00222912	0.00240115	0.00098409	0.00266228
44 PIPELINE TRN	0.00000681	0.00000696	0.00001183	1.00000787	0.00001101	0.00000541	0.00000222	0.00000383
45 LOC&SUB TRANS	0.00043652	0.00060268	0.00060061	0.00034847	1.00050510	0.00055804	0.00025853	0.00035038
46 OTHER TRN SER	0.00001945	0.00001823	0.00001945	0.00001115	0.00001887	1.00001475	0.00012681	0.00001465
47 TELEPHONE	0.06393388	0.02945738	0.02519529	0.01005714	0.02469236	0.02568175	1.00697380	0.02708628
48 RADIO&TV	0.00806575	0.00459845	0.00813927	0.00269740	0.00818933	0.00539910	0.00304119	1.01324631
49 OTHER COMMUN	0.00020177	0.00027984	0.00027715	0.00016327	0.00023301	0.00025728	0.00011923	0.00016217
50 GAS SERVICE	0.02571440	0.02484860	0.01823488	0.02409963	0.01916014	0.01583146	0.00876631	0.01105087
51 ELECT SERVICE	0.03524917	0.08363269	0.03050625	0.03812589	0.03542717	0.02942123	0.02127102	0.02831110
52 WATER&SAN SER	0.00476386	0.00616462	0.00525600	0.00300628	0.00617315	0.00493668	0.00336646	0.00397096
53 WHL AUTO PART	0.03962913	0.01108633	0.01254763	0.00486451	0.02791674	0.03909396	0.00357640	0.00496434
54 WHL &GROCERIES	0.02893891	0.03967469	0.03952892	0.02292283	0.03340934	0.03699914	0.01700916	0.02317443
55 WHL FARM PROD	0.00037656	0.00049717	0.00047228	0.00030597	0.00040430	0.00045192	0.00024879	0.00028439
56 WHL LIVESTOCK	0.00001266	0.00001623	0.00001536	0.00001003	0.00001334	0.00001501	0.00000827	0.00000927
57 WHL &NDUST MA	0.00080246	0.00073610	0.00109035	0.00068284	0.00107322	0.00070196	0.00035860	0.00342356

58 WHL FARM MACH	0.00008885	0.00012010	0.00011884	0.00007104	0.00010181	0.00011942	0.00005228	0.00007132
59 WHL PETRO PRO	0.04123051	0.02326176	0.09084209	0.01354687	0.08533671	0.03085686	0.00995092	0.01473566
60 GENERAL WHL	0.03628533	0.02347633	0.02660705	0.01451180	0.02593758	0.02156558	0.00977254	0.01682904
61 LUMBER YARDS	0.00135471	0.00186858	0.00186376	0.00108136	0.00156848	0.00172912	0.00080236	0.00108575
62 RET FARM EQUI	0.00003269	0.00004300	0.00004082	0.00002653	0.00003499	0.00003912	0.00002164	0.00002461
63 AG SUPPLIES	0.00011027	0.00014799	0.00014346	0.00008901	0.00012197	0.00013567	0.00006982	0.00008528
64 HARDWARE	0.00087378	0.00121047	0.00119754	0.00069909	0.00101003	0.00119668	0.00051758	0.00070357
65 DEPT&VARIETY	0.02260815	0.03121394	0.03110757	0.01804006	0.02616086	0.02890352	0.01339010	0.01814677
66 FOOD	0.01345577	0.01857772	0.01851439	0.01073698	0.01557025	0.01720262	0.00796942	0.01080047
67 AUTO DEAL&REP	0.01410686	0.01920935	0.01917777	0.01124156	0.01640596	0.01933582	0.00807938	0.01147337
68 GAS SERV STAT	0.00392231	0.00500034	0.00498980	0.00298375	0.00446994	0.00532220	0.00205166	0.00446551
69 APPAREL&ACCES	0.00675477	0.00932594	0.00929418	0.00538995	0.00781625	0.00863570	0.00400062	0.00542181
70 FURN&HOME FUR	0.00562570	0.00776717	0.00774063	0.00448908	0.00650972	0.00719226	0.00333192	0.00451556
71 EAT&DRINK	0.01040748	0.01349065	0.01347544	0.00766895	0.01190906	0.01339093	0.00563977	0.00771098
72 OTHER RETAIL	0.01904045	0.02612358	0.02611524	0.01507097	0.02207987	0.02428176	0.01115543	0.01525102
73 BANK&CREDIT	0.02085472	0.02485261	0.02805904	0.01452839	0.02712570	0.02670558	0.01266770	0.01639445
74 INSURANCE	0.04278341	0.02754120	0.02277657	0.00498496	0.04682981	0.06390217	0.00313139	0.00446788
75 F.I.R.E.,NEC	0.00594842	0.00548921	0.00517814	0.00331533	0.00543584	0.00570338	0.01625465	0.01181581
76 LEGAL SERVICE	0.01837466	0.00986054	0.00511188	0.00368402	0.02027300	0.01436106	0.00227660	0.00441727
77 LODG&NG	0.00185643	0.00121294	0.00124143	0.00063502	0.00168164	0.00211290	0.00041573	0.00156900
78 PERSONAL SERV	0.01230153	0.01659014	0.01671189	0.00969827	0.01416696	0.01549225	0.00717838	0.01023729
79 ADVERTISING	0.01240627	0.00158167	0.00939183	0.00101070	0.01096706	0.00426987	0.00333892	0.02721863
80 RES&DEVELOPE	0.00009133	0.00008860	0.00014285	0.00008220	0.00013844	0.00187291	0.00003247	0.00012782
81 OTHER BUS SER	0.00528677	0.00628473	0.00573099	0.00360864	0.00581181	0.020721075	0.00260494	0.01216877
82 MOTION PIC&RE	0.00165130	0.00225999	0.00224548	0.00133174	0.00189726	0.00209177	0.00097289	0.00131534
83 AUTO RENT&PAR	0.00201174	0.00237027	0.00299678	0.00143777	0.01740307	0.00298321	0.00103333	0.00421983
84 MISC REP SERV	0.00223260	0.00284655	0.00291055	0.00207464	0.00255665	0.00319140	0.00120177	0.00288779
85 PHYS&DENTIST	0.00856849	0.01167922	0.01161712	0.00669772	0.00990218	0.01099844	0.00496862	0.00673470
86 HOSPITAL&LAB	0.00601755	0.00830512	0.00827868	0.00480002	0.00696398	0.00769259	0.00356263	0.00482783
87 OTHER MEDICAL	0.00080325	0.00110856	0.00110452	0.00064088	0.00092905	0.00102655	0.00047595	0.00064441
88 EL&SEC SCHOOL	0.04478292	0.05310299	0.04327587	0.03839912	0.03903158	0.04518322	0.03800294	0.02899189
89 COLLEGE&UNIV	0.01517208	0.01182316	0.01077888	0.00911517	0.00953619	0.01097569	0.00891765	0.00675273
90 OTHER EDUCATE	0.00047303	0.00065309	0.00065087	0.00037745	0.00054737	0.00060475	0.00028016	0.00037968
91 ACCT&AUD&BOOK	0.01507039	0.00801197	0.00612723	0.00349602	0.00877792	0.00631321	0.00255212	0.00501775
92 OTHER PRO SER	0.00072080	0.00033840	0.00068646	0.00023094	0.00070965	0.00042619	0.00025108	0.000355729
93 OTHER SERVICE	0.00177593	0.00965951	0.00174966	0.00094381	0.00192540	0.00403664	0.00073510	0.00463972
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.79357645	1.09565169	1.09191778	0.63323051	0.91828149	1.01455304	0.47001050	0.63697631
TOTAL	2.57693012	2.83225833	2.98949247	2.18527352	2.83257094	2.93059919	1.77849111	2.12201537

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS, TEXAS, 1967

	49	50	51	52	53	54	55	56
1 IRR COTTON	0.00055749	0.00049898	0.00067989	0.00043966	0.00097633	0.00057308	0.00041210	0.00075496
2 IRR FOOD GRAIN	0.00000294	0.00000262	0.00000349	0.00000209	0.00000467	0.00000311	0.00000198	0.00000410
3 IRR FEED GRAIN	0.00032495	0.00028781	0.00038186	0.00023412	0.00060949	0.00034869	0.00022101	0.00045797
4 OTHER IRR CROP	0.00300183	0.00260529	0.00328018	0.00249783	0.00514633	0.00369324	0.00226966	0.00479413
5 DRY COTTON	0.00011394	0.00010198	0.00013896	0.00008986	0.00019955	0.00011713	0.00008423	0.00015430
6 DRY FOOD GRAIN	0.00000081	0.00000072	0.00000096	0.00000058	0.00000129	0.00000086	0.00000055	0.00000113
7 DRY FEED GRAIN	0.00011588	0.00010276	0.00013634	0.00008355	0.00020683	0.00012434	0.00007885	0.00016340
8 OTHER DRY CROP	0.00009162	0.00007964	0.00010088	0.00007567	0.00015521	0.00011111	0.00006829	0.00014459
9 RANGE LVSTK	0.00092133	0.00079843	0.00100494	0.00076597	0.00168056	0.00113346	0.00069141	0.00147047
10 FEEDLOT LVSTK	0.00047738	0.00041602	0.00055302	0.00033737	0.00152242	0.00050938	0.00032081	0.00065348
11 DAIRY&POULTRY	0.00139116	0.00121360	0.00155382	0.00112812	0.00230442	0.00164418	0.00102119	0.00214751
12 GIN&COMPRESS	0.00005885	0.00005939	0.00010153	0.00024826	0.00009832	0.00006372	0.00004620	0.00008459
13 AG SERVICES	0.00044127	0.00038395	0.00048687	0.00037274	0.00075623	0.00053656	0.00110121	0.00069741
14 CRUDE PETRO	0.01735386	0.85473604	0.13743697	0.02329945	0.02153524	0.02953847	0.01916171	0.02478613
15 NATURAL GAS	0.00015734	0.00065136	0.00022265	0.00213294	0.00023494	0.00036929	0.00026215	0.00031621
16 OIL&GAS SERV	0.00243040	0.10066290	0.01645308	0.00467185	0.00312396	0.00486140	0.00315056	0.00380451
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000306	0.00000200	0.00000267	0.00001031	0.00000414	0.00000290	0.00000501	0.00000646
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00002557	0.00001673	0.00002233	0.00008624	0.00003461	0.00002423	0.00004188	0.00005406
21 M&REPAIR CONS	0.01984760	0.01299142	0.01733640	0.06695210	0.02686803	0.01880921	0.03250935	0.04196862
22 MEAT PRODUCTS	0.00148962	0.00129815	0.00172564	0.00105274	0.00475076	0.00158947	0.00100106	0.00207032
23 DAIRIES	0.00474047	0.00414325	0.00530458	0.00377774	0.00765008	0.00560772	0.00345642	0.00730333
24 MILLING&FEEDS	0.00068094	0.00060666	0.00080823	0.00048461	0.00108208	0.00072176	0.00045956	0.00095064
25 FOOD PROCESS	0.00120191	0.00107148	0.00144681	0.00081907	0.00210792	0.00123346	0.00088674	0.00162451
26 BEVERAGES	0.00416047	0.00289665	0.00362011	0.00279986	0.00606402	0.00413826	0.00254178	0.00539266
27 TEXTILE PROD	0.00009771	0.00012181	0.00027144	0.00111010	0.00014681	0.00011691	0.00008601	0.00015736
28 WOOD PRODUCTS	0.00137829	0.00095889	0.00125904	0.00474435	0.00188459	0.00133520	0.00217900	0.00288230
29 PAPER-PRINT	0.00451168	0.00380981	0.00593334	0.00553633	0.00816542	0.04439563	0.00488160	0.03635482
30 CHEMICALS	0.00097988	0.00374187	0.00139969	0.01966731	0.00142607	0.00152264	0.00133091	0.00182546
31 PETRO PRODUCT	0.00874764	0.01111325	0.00729596	0.01622520	0.01347587	0.03614717	0.02185689	0.02053774
32 SOIL&ROCK PRO	0.00044575	0.00044528	0.00047353	0.01226852	0.00059667	0.00051251	0.00067292	0.00088265
33 METAL PRODUCT	0.00154845	0.00111418	0.00146370	0.00814990	0.00210834	0.00158752	0.00301400	0.00324006
34 PLUMB&REL PRO	0.00005522	0.00003703	0.00004897	0.00022048	0.00007489	0.00005290	0.00008944	0.00011631
35 MACHINERY	0.00044965	0.01049137	0.00190582	0.00122805	0.00062252	0.00063748	0.00073208	0.00075639
36 ELECTRONIC EQ	0.00023792	0.00022699	0.00032544	0.00219108	0.00033073	0.00025877	0.00389843	0.00047069
37 TRANS EQUIP	0.00004460	0.00004640	0.00006302	0.00011781	0.00006310	0.00005202	0.00013918	0.00009085
38 OTHER MFG	0.00013377	0.00012201	0.00014266	0.00026276	0.00025862	0.00015631	0.00010241	0.00021487
39 RAIL TRANS	0.00132980	0.00122438	0.00381783	0.00198312	0.00204621	0.00208944	0.02187109	0.00232686
40 INTERCI RU HI	0.00097169	0.00083277	0.00104574	0.00081053	0.00162401	0.00122796	0.00074453	0.00155294
41 MOTOR FREIGHT	0.01214434	0.00962431	0.01282480	0.01029877	0.04709893	0.02848404	0.03652602	0.01741328
42 OTHER WARH	0.00033417	0.00033665	0.00065134	0.00028922	0.00047621	0.00040887	0.00142974	0.00051361
43 AIR TRANS	0.00157564	0.00135494	0.00167761	0.00158316	0.00258442	0.00834059	0.00229072	0.00261549
44 PIPELINE TRN	0.00000394	0.00001504	0.00000563	0.00007906	0.00000573	0.00000612	0.00000535	0.00000734
45 LOC&SUB TRANS	0.00039569	0.00034273	0.00042902	0.00033382	0.00066944	0.00049305	0.00030005	0.00063946
46 OTHER TRN SER	0.00001692	0.00001866	0.00006207	0.00002797	0.00002043	0.00001462	0.00050574	0.00002777
47 TELEPHONE	0.02074486	0.01061736	0.01438511	0.01252868	0.03395263	0.02257774	0.01740636	0.02896473
48 RADIO&TV	0.00371596	0.00278244	0.00539099	0.00281450	0.00733789	0.01119004	0.00381499	0.03842378
49 OTHER COMMUN	1.00018290	0.00015807	0.00019795	0.00015836	0.00030889	0.00022742	0.00014007	0.00029637
50 GAS SERVICE	0.01662402	1.02348269	0.16187485	0.01945652	0.01935332	0.01802457	0.01245062	0.01983744
51 ELECT SERVICE	0.05274323	0.01766960	1.02102245	0.08548669	0.03536419	0.03879094	0.02119218	0.04331237
52 WATER&SAN SER	0.00510606	0.00299372	0.00613195	1.00357973	0.00615670	0.01331152	0.00297227	0.00541795
53 WHL AUTO PART	0.00560473	0.00500708	0.00780518	0.00495975	1.01016203	0.01212134	0.00600209	0.00924268
54 WHL &GROCERIES	0.02656796	0.02272300	0.02828473	0.02200864	0.04605327	1.03296374	0.01999678	0.04239798
55 WHL FARM PROD	0.00033786	0.00029578	0.00038120	0.00026607	0.00057714	0.00039289	1.00232386	0.00051271
56 WHL LIVESTOCK	0.00001117	0.00000971	0.00001257	0.00000858	0.00002812	0.00001282	0.00000794	1.00001666
57 WHL &NDUST MA	0.00053023	0.00463050	0.00202149	0.02056054	0.00205566	0.00083559	0.00405422	0.00081725

58 WHL FARM MACH	0.00008043	0.00007702	0.00014103	0.00007097	0.00013244	0.00026702	0.00006852	0.00013898
59 WHL PETRO PRO	0.01640042	0.01410686	0.01741822	0.01564642	0.02718733	0.02460409	0.01441579	0.02641960
60 GENERAL WHL	0.01595739	0.01478562	0.01887367	0.02903912	0.02617326	0.02672207	0.01576988	0.02730010
61 LUMBER YARDS	0.00122726	0.00106246	0.00135788	0.00103663	0.00207587	0.00152875	0.00093003	0.00198118
62 RET FARM EQUI	0.00002928	0.00002568	0.00003318	0.00002348	0.00005144	0.00003397	0.00004634	0.00004431
63 AG SUPPLIES	0.00009924	0.00008666	0.00011045	0.000098124	0.00017168	0.00011868	0.00007423	0.00015442
64 HARDWARE	0.00080250	0.00068861	0.00104611	0.00068009	0.00133581	0.00101497	0.00061112	0.00127744
65 DEPT&VARIETY	0.02049445	0.01775092	0.02222004	0.01728607	0.03467342	0.02553709	0.01556368	0.03311891
66 FOOD	0.01219775	0.01056486	0.01322476	0.01028823	0.02063669	0.01519900	0.00924646	0.01971151
67 AUTO DEAL&REP	0.01279895	0.01238322	0.02345570	0.01143749	0.02089739	0.04630283	0.01046902	0.02258903
68 GAS SERV STAT	0.00386604	0.00432283	0.00424519	0.00316682	0.00680740	0.01091183	0.00356175	0.00893209
69 APPAREL&ACCES	0.00612323	0.00530365	0.00663919	0.00516510	0.01035952	0.00763110	0.00464173	0.00989518
70 FURN&HOME FUR	0.00509975	0.00441704	0.00552927	0.00430152	0.00862794	0.00635453	0.00386589	0.00824117
71 EAT&DRINK	0.01120105	0.00781058	0.00947182	0.00750567	0.02002803	0.01131331	0.00723290	0.01465013
72 OTHER RETAIL	0.01711438	0.01479916	0.01852500	0.01446760	0.03161565	0.02139166	0.01320301	0.02763030
73 BANK&CREDIT	0.06140821	0.01632213	0.02263156	0.01481009	0.05789383	0.02477981	0.05292099	0.12589708
74 INSURANCE	0.00668010	0.00446700	0.00612289	0.01037927	0.01599628	0.02484602	0.00931162	0.03759632
75 F.I.R.E.,NEC	0.15850327	0.00914686	0.01022930	0.00339107	0.00656447	0.00472215	0.00739438	0.00886777
76 LEGAL SERVICE	0.00952035	0.00400841	0.00569218	0.00311132	0.01177016	0.00534958	0.00698666	0.00610625
77 LODGENG	0.00085741	0.00126948	0.00085754	0.00096959	0.02103561	0.00117994	0.00138280	0.00144642
78 PERSONAL SERV	0.01098889	0.00944735	0.01183535	0.00923511	0.01890897	0.01361921	0.00850615	0.01765205
79 ADVERTISING	0.00253088	0.00098668	0.00149692	0.00115088	0.00717453	0.00234112	0.00162848	0.00354343
80 RES&DEVELOPE	0.00021888	0.00008482	0.00006876	0.00025344	0.00011019	0.00039864	0.00030434	0.00011386
81 OTHER BUS SER	0.02250774	0.00405223	0.00523917	0.00394593	0.00935252	0.04090779	0.03072926	0.00853205
82 MOTION PIC&RE	0.00148303	0.00128879	0.00161046	0.00126379	0.00250424	0.00184682	0.00112712	0.00239739
83 AUTO RENT&PAR	0.00163147	0.00165041	0.00179421	0.00144511	0.00265994	0.00229253	0.00395109	0.00265712
84 MISC REP SERV	0.00250677	0.00384126	0.00343740	0.00174806	0.00502590	0.02203665	0.00322022	0.00307616
85 PHYS&DENTIST	0.00761380	0.00658826	0.00824951	0.00644454	0.01290388	0.00956620	0.00579193	0.01243205
86 HOSPITAL&LAB	0.00545261	0.00472275	0.00591174	0.00459949	0.00922695	0.00679517	0.00413369	0.00881245
87 OTHER MEDICAL	0.00072801	0.00063056	0.00078945	0.00061377	0.00123463	0.00090680	0.00055170	0.00117605
88 EL&SEC SCHOOL	0.03966146	0.03587940	0.04955582	0.02483072	0.04680182	0.03770809	0.02471313	0.05014751
89 COLLEGE&UNIV	0.00744574	0.01086439	0.01164844	0.00600144	0.01129018	0.00911839	0.00584697	0.01371865
90 OTHER EDUCATE	0.00042880	0.00037140	0.00046491	0.00036167	0.00072547	0.00053431	0.00032505	0.00069295
91 ACCT&AUD&BOOK	0.01320847	0.00415904	0.00432383	0.00350773	0.00689288	0.00734753	0.00429932	0.00827917
92 OTHER PRO SER	0.00417376	0.00074272	0.00033699	0.00023058	0.00058986	0.00033997	0.00030466	0.00050911
93 OTHER SERVICE	0.00253558	0.00113912	0.00138756	0.00111932	0.00298740	0.00760725	0.00292744	0.00255379
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.71938298	0.62308090	0.77995254	0.60676124	1.21708423	0.89638664	0.54532468	1.16251868
TOTAL	2.43012275	2.97490529	2.55733538	2.28768899	3.01165410	2.67360493	2.09910416	3.06249231

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	57	58	59	60	61	62	63	64
1 IRR COTTON	0.00069527	0.00072983	0.00071798	0.00067845	0.00047535	0.00065442	0.00063484	0.00071787
2 IRR FOOD GRAIN	0.00000376	0.00000394	0.00000384	0.00000367	0.00000251	0.00000350	0.00000344	0.00000391
3 IRR FEED GRAIN	0.00041935	0.00043884	0.00043334	0.00040978	0.00027655	0.00039079	0.00038395	0.00043735
4 OTHER IRR CROP	0.00432062	0.00446258	0.00435452	0.00425978	0.00254205	0.00406953	0.00397777	0.00463877
5 DRY COTTON	0.00014210	0.00014917	0.00014674	0.00013866	0.00009715	0.00013375	0.00012975	0.00014672
6 DRY FOOD GRAIN	0.00000104	0.00000109	0.00000106	0.00000101	0.00000069	0.00000097	0.00000095	0.00000108
7 DRY FEED GRAIN	0.00014961	0.00015658	0.00015396	0.00014618	0.00009869	0.00013940	0.00013697	0.00015597
8 OTHER DRY CROP	0.00013039	0.00013526	0.00013175	0.00012791	0.00007760	0.00012284	0.00012018	0.00013953
9 RANGE LVSTK	0.00132532	0.00136876	0.00134193	0.00130067	0.00077942	0.00124850	0.00122031	0.00142347
10 FEEDLOT LVSTK	0.00060899	0.00063644	0.00066794	0.00059594	0.00040211	0.00056835	0.00055798	0.00063765
11 DAIRY&POULTRY	0.00194020	0.00202404	0.00196689	0.00190222	0.00117929	0.00182692	0.00178959	0.00206434
12 GING&COMPRESS	0.00007472	0.00008511	0.00008063	0.00007355	0.00004932	0.00010418	0.00007225	0.00007785
13 AG SERVICES	0.00062909	0.00065120	0.00063534	0.00061715	0.00037374	0.00059377	0.00057929	0.00063766
14 CRUDE PETRO	0.03116261	0.02901687	0.01854205	0.03368397	0.02388831	0.04083773	0.02243004	0.03321129
15 NATURAL GAS	0.00105752	0.00046108	0.00023062	0.00045313	0.00027805	0.00060377	0.00038054	0.00039205
16 OIL&GAS SERV	0.00530418	0.00486371	0.00261494	0.00579959	0.00394953	0.00732846	0.00354066	0.00539577
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000392	0.00001012	0.00000713	0.00000420	0.00000201	0.00000623	0.00000661	0.00000349
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00003276	0.00008463	0.00005960	0.00003512	0.00001682	0.00005208	0.00005526	0.00002922
21 M&REPAIR CONS	0.02542918	0.06570014	0.04627041	0.02726499	0.01305834	0.04042887	0.04289680	0.02268048
22 MEAT PRODUCTS	0.00190029	0.00198596	0.00208425	0.00185959	0.00125474	0.00177349	0.00174114	0.00198974
23 DAIRIES	0.00661476	0.00684941	0.00666609	0.00648183	0.00402491	0.00620630	0.00607536	0.00704236
24 MILLING&FEEDS	0.00087169	0.00091291	0.00089000	0.00085108	0.00058126	0.00081080	0.00079711	0.00090556
25 FOOD PROCESS	0.00149810	0.00156831	0.00154483	0.00146145	0.00102556	0.00138849	0.00136533	0.00156635
26 BEVERAGES	0.00482417	0.00498084	0.00490318	0.00478655	0.00281929	0.00454821	0.00446373	0.00519363
27 TEXTILE PROD	0.00012863	0.00016921	0.00015060	0.00012879	0.00007736	0.00029433	0.00013805	0.00013640
28 WOOD PRODUCTS	0.00178184	0.00439778	0.00313230	0.00189766	0.00093028	0.00274991	0.00290348	0.00161251
29 PAPER-PRINT	0.00869002	0.00671027	0.01802872	0.01459089	0.04005779	0.01612938	0.01069567	0.02846617
30 CHEMICALS	0.00167173	0.00251322	0.00172110	0.00178998	0.00105959	0.00231220	0.00176745	0.00163435
31 PETRO PRODUCT	0.04238365	0.03412694	0.00759450	0.04808186	0.03013466	0.06604196	0.02089711	0.03875948
32 SOIL&ROCK PRO	0.00056161	0.00135889	0.00097714	0.00060247	0.00031050	0.00086001	0.00090733	0.00053108
33 METAL PRODUCT	0.00200580	0.00498648	0.00354276	0.00215597	0.00107490	0.00313289	0.00330033	0.00183476
34 PLUMB&REL PRO	0.00007088	0.00018067	0.00012769	0.00007586	0.00003664	0.00011171	0.00011837	0.00006355
35 MACHINERY	0.00070685	0.00092097	0.00067732	0.00074715	0.00048437	0.00090672	0.00068875	0.00073485
36 ELECTRONIC EQ	0.00031407	0.00063598	0.00047900	0.00032649	0.00017807	0.00042995	0.00044380	0.00030215
37 TRANS EQUIP	0.00006412	0.00011864	0.00008938	0.00006472	0.00003807	0.00008459	0.00008326	0.00006072
38 OTHER MFG	0.00023990	0.00019131	0.00018693	0.00017448	0.00015289	0.00017361	0.00016604	0.00018951
39 RAIL TRANS	0.00221209	0.00232667	0.00190672	0.00230470	0.00154056	0.00257135	0.00190982	0.00234158
40 INTERCI RU HI	0.00139767	0.00144050	0.00140649	0.00137378	0.00081471	0.00132172	0.00130606	0.00150931
41 MOTOR FREIGHT	0.03022357	0.11358259	0.01961664	0.03294337	0.07582038	0.06554578	0.03097288	0.06201523
42 OTHER WARH	0.00042641	0.00046574	0.00047571	0.00043597	0.00035078	0.00041934	0.00040689	0.00047250
43 AIR TRANS	0.00924490	0.00237580	0.00232208	0.01157725	0.00780813	0.00225308	0.00385070	0.00369872
44 PIPELINE TRN	0.00000672	0.00001010	0.00000692	0.00000720	0.00000426	0.00000929	0.00000711	0.00000657
45 LOC&SUB TRANS	0.00057544	0.00059375	0.00057855	0.00056487	0.00033489	0.00054253	0.00053009	0.00061937
46 OTHER TRN SER	0.00001876	0.00001831	0.00002189	0.00001781	0.00001224	0.00001822	0.00001833	0.00001724
47 TELEPHONE	0.03843950	0.03163367	0.03307202	0.03204208	0.02836446	0.03021912	0.02273776	0.03115077
48 RADIO&TV	0.00803411	0.00499065	0.01235269	0.00604953	0.00436760	0.01247462	0.00443291	0.00520398
49 OTHER COMMUN	0.00026570	0.00027735	0.00026881	0.00026101	0.00015448	0.00025184	0.00024634	0.00028560
50 GAS SERVICE	0.01672521	0.01833528	0.01858270	0.01723882	0.01415021	0.01714944	0.01683058	0.02118044
51 ELECT SERVICE	0.03357669	0.03539281	0.04044067	0.03359949	0.03025159	0.03344819	0.03594876	0.04261145
52 WATER&SAN SER	0.00525875	0.00584071	0.00668480	0.00566161	0.00412869	0.00523193	0.00605607	0.00722796
53 WHL AUTO PART	0.00939076	0.01168622	0.017171959	0.01055767	0.00741679	0.01139255	0.01067495	0.01321509
54 WHL &GROCERIES	0.03896065	0.03988023	0.03856031	0.03821379	0.02293444	0.03717670	0.03530057	0.04143765
55 WHL FARM PROD	0.00046491	0.00048321	0.00047202	0.00045544	0.00028679	0.00043620	0.00042728	0.00049325
56 WHL LIVESTOCK	0.00001515	0.00001574	0.00001595	0.00001485	0.00000943	0.00001421	0.00001392	0.00001608
57 WHL &NDUST MA	1.08188718	0.00074973	0.00076984	0.00095810	0.00053413	0.00082393	0.00064912	0.00082312



58 WHL FARM MACH	0.00013044	1.00012060	0.00015164	0.00017128	0.00007043	0.14090127	0.01502824	0.00023565
59 WHL PETRO PRO	0.03126578	0.02802050	1.02259041	0.03204594	0.02215254	0.04049097	0.02350381	0.02770067
60 GENERAL WHL	0.02657211	0.02838651	0.02283988	1.03604458	0.01621070	0.02676195	0.02933900	0.11453246
61 LUMBER YARDS	0.00178349	0.00184034	0.00179270	0.00175112	1.07097204	0.00168251	0.00164293	0.00191966
62 RET FARM EQUI	0.00004020	0.00004175	0.00004089	0.00003938	0.00002485	1.00003779	0.00003692	0.00004264
63 AG SUPPLIES	0.00013960	0.00014460	0.00014130	0.00013688	0.00008413	0.00013139	1.00012839	0.00014902
64 HARDWARE	0.00114945	0.00118453	0.00115837	0.00113183	0.00067099	0.00108840	0.00107677	1.00131325
65 DEPT&VARIETY	0.02980398	0.03074988	0.02996411	0.02925687	0.01853892	0.02809869	0.02745397	0.03207965
66 FOOD	0.01773853	0.01830153	0.01783386	0.01741291	0.01032323	0.01672361	0.01633989	0.01909295
67 AUTO DEAL&REP	0.02126705	0.01939399	0.02504552	0.02869351	0.01125101	0.02453562	0.03494703	0.04015093
68 GAS SERV STAT	0.01352110	0.01092302	0.00504001	0.00808107	0.00500200	0.01006524	0.00744459	0.00941495
69 APPAREL&ACCES	0.00890480	0.00918733	0.00895280	0.00874166	0.00518225	0.00839550	0.00820330	0.00958542
70 FURN&HOME FUR	0.00741626	0.00765174	0.00745617	0.00728013	0.00431601	0.00699198	0.00683157	0.00885817
71 EAT&DRINK	0.01283799	0.01330413	0.01496114	0.01577512	0.01104456	0.01707999	0.01284439	0.01573348
72 OTHER RETAIL	0.02489581	0.02568219	0.02805683	0.02445587	0.01787195	0.02354815	0.02292301	0.02683574
73 BANK&CREDIT	0.04008403	0.03387999	0.07773802	0.03572863	0.01821578	0.03485942	0.05940857	0.02679447
74 INSURANCE	0.02117492	0.02432079	0.03879409	0.01695486	0.02436650	0.01868556	0.03497269	0.02511471
75 F.I.R.E.,NEC	0.00590709	0.00576602	0.00687084	0.00671203	0.00368561	0.00536546	0.00587808	0.00551895
76 LEGAL SERVICE	0.00656362	0.00646116	0.00644286	0.00951165	0.00675523	0.00590518	0.00732372	0.00634760
77 LODG&NG	0.01367119	0.01094376	0.00257998	0.00566547	0.00127050	0.00397135	0.00145729	0.00174368
78 PERSONAL SERV	0.01611014	0.01649202	0.01602888	0.01618387	0.00962467	0.01513341	0.01465137	0.01716518
79 ADVERTISING	0.00718989	0.00274592	0.00272072	0.00207240	0.00501750	0.00247450	0.00225122	0.00250081
80 RES&DEVELOPE	0.00010907	0.00011410	0.00009877	0.00009775	0.00006552	0.00015893	0.00030217	0.00009497
81 OTHER BUS SER	0.00768644	0.00644435	0.00740743	0.00596617	0.00440952	0.01104363	0.02973350	0.00638877
82 MOTION PIC&RE	0.00215337	0.00222603	0.00216743	0.00211527	0.00125867	0.00203311	0.00198611	0.00231783
83 AUTO RENT&PAR	0.00685836	0.00240830	0.00892436	0.00235654	0.00153343	0.00238677	0.00221264	0.00249975
84 MISC REP SERV	0.00283390	0.00288114	0.00288973	0.00444983	0.01647720	0.00273633	0.00267325	0.00321311
85 PHYS&DENTIST	0.01112717	0.01149214	0.01127068	0.01090458	0.00653326	0.01048440	0.01032378	0.01198788
86 HOSPITAL&LAB	0.00793031	0.00818196	0.00797325	0.00778458	0.00461598	0.00747690	0.00730539	0.00853565
87 OTHER MEDICAL	0.00105837	0.00109199	0.00106431	0.00103893	0.00061615	0.00099779	0.00097493	0.00113911
88 EL&SEC SCHOOL	0.04679312	0.04923914	0.04730091	0.04547334	0.03412003	0.04292098	0.04238975	0.04730006
89 COLLEGE&UNIV	0.01079607	0.01132178	0.01082753	0.01046322	0.00692993	0.01044063	0.00997405	0.01143648
90 OTHER EDUCATE	0.00062359	0.00064338	0.00062694	0.00061214	0.00036291	0.00058791	0.00057442	0.00067120
91 ACCT&AUD&BOOK	0.01011419	0.00690737	0.01059221	0.00786674	0.00829323	0.00885497	0.01523733	0.00675798
92 OTHER PRO SER	0.00056098	0.00038961	0.00038864	0.00037803	0.00036266	0.00037949	0.00033480	0.00038848
93 OTHER SERVICE	0.00498057	0.00169280	0.00321216	0.00467648	0.00938200	0.00628101	0.00175984	0.00988055
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	1.04616004	1.07936238	1.05178101	1.02695576	0.60882964	0.98630218	0.96367159	1.12603919
TOTAL	2.89283587	2.93362500	2.88415722	2.79281656	2.29751419	2.95438166	2.73085791	3.02964068

## INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	65	66	67	68	69	70	71	72
1 IRR COTTON	0.00059930	0.00059574	0.00069342	0.00071567	0.00068157	0.00067781	0.00069447	0.00070307
2 IRR FOOD GRAIN	0.00000326	0.00000323	0.00000368	0.00000386	0.00000371	0.00000368	0.00000378	0.00000381
3 IRR FEED GRAIN	0.00036389	0.00036050	0.00042427	0.00043280	0.00041553	0.00041069	0.00042304	0.00042595
4 OTHER IRR CROP	0.00382259	0.00375830	0.00431246	0.00443846	0.00441744	0.00428935	0.00449937	0.00444910
5 DRY COTTON	0.00012249	0.00012176	0.00014173	0.00014627	0.00013930	0.00013853	0.00014194	0.00014370
6 DRY FOOD GRAIN	0.00000090	0.00000089	0.00000101	0.00000106	0.00000102	0.00000101	0.00000104	0.00000105
7 DRY FEED GRAIN	0.00012982	0.00012859	0.00014979	0.00015411	0.00014824	0.00014651	0.00015091	0.00015193
8 OTHER DRY CROP	0.00011512	0.00011326	0.00012981	0.00013409	0.00013294	0.00012927	0.00013540	0.00013405
9 RANGE LVSTK	0.00117262	0.00115305	0.00133789	0.00136439	0.00135517	0.00131581	0.00138037	0.00136509
10 FEEDLOT LVSTK	0.00052811	0.00052461	0.00070997	0.00064627	0.00060315	0.00059652	0.00061449	0.00062031
11 DAIRY&POULTRY	0.00170658	0.00168129	0.00192207	0.00199724	0.00196753	0.00191881	0.00200378	0.00198913
12 GIN&COMPRESS	0.00006525	0.00006567	0.00007486	0.00008060	0.00007538	0.00007313	0.00007913	0.00007664
13 AG SERVICES	0.00055570	0.00054673	0.00062768	0.00064668	0.00064167	0.00062385	0.00065365	0.00064708
14 CRUDE PETRO	0.02428001	0.02727163	0.02150521	0.02226243	0.01998682	0.02534336	0.03427503	0.02980779
15 NATURAL GAS	0.00017130	0.00020224	0.00024480	0.00220554	0.00020592	0.00031843	0.00029714	0.00032849
16 OIL&GAS SERV	0.00324637	0.00425727	0.00323438	0.00331275	0.00280466	0.00410174	0.00486907	0.00463321
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000313	0.00000316	0.00000389	0.00000670	0.00000439	0.00000382	0.00000456	0.00000369
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00002622	0.00002642	0.00003251	0.00005604	0.00003675	0.00003192	0.00003810	0.00003083
21 M&REPAIR CONS	0.02035113	0.02051254	0.02523410	0.04350395	0.02852803	0.02478018	0.02958087	0.02393410
22 MEAT PRODUCTS	0.00164793	0.00163700	0.00221544	0.00201663	0.00188208	0.00186139	0.00191745	0.00193563
23 DAIRIES	0.00582070	0.00573349	0.00652141	0.00678044	0.00670385	0.00654208	0.00682650	0.00678356
24 MILLING&FEEDS	0.00075501	0.00074811	0.00085241	0.00089390	0.00086090	0.00085242	0.00087628	0.00088362
25 FOOD PROCESS	0.00129077	0.00128259	0.00149391	0.00153971	0.00146724	0.00146030	0.00149351	0.00151422
26 BEVERAGES	0.00425992	0.00421066	0.00488532	0.00506079	0.00495001	0.00482963	0.00503170	0.00502275
27 TEXTILE PROD	0.00011519	0.00011866	0.00013004	0.00015126	0.00013698	0.00012684	0.00015150	0.00013560
28 WOOD PRODUCTS	0.00144070	0.00144915	0.00176473	0.00295401	0.00198262	0.00173481	0.00205665	0.00169028
29 PAPER-PRINT	0.01463091	0.01463201	0.01697150	0.01424028	0.04288498	0.03940948	0.01784127	0.03363623
30 CHEMICALS	0.00109355	0.00139701	0.00136187	0.00175261	0.00137807	0.00147160	0.00166657	0.00152183
31 PETRO PRODUCT	0.00870643	0.02676210	0.01683373	0.01400155	0.00957010	0.02843738	0.02005453	0.02863900
32 SOIL&ROCK PRO	0.00046472	0.00051242	0.00057506	0.00092297	0.00065010	0.00054481	0.00073101	0.00055919
33 METAL PRODUCT	0.00160432	0.00167969	0.00299018	0.00334181	0.00223596	0.00195978	0.00234950	0.00191115
34 PLUMBER&REL PRO	0.00005695	0.00005750	0.00007036	0.00012015	0.00007941	0.00006904	0.00008251	0.00006694
35 MACHINERY	0.00057396	0.00061991	0.00059090	0.00070861	0.00060227	0.00063903	0.00077997	0.00069479
36 ELECTRONIC EQ	0.00026606	0.00027202	0.00031408	0.00045803	0.00034141	0.00030409	0.00036395	0.00031061
37 TRANS EQUIP	0.00005073	0.00005429	0.00006371	0.00009299	0.00006644	0.00006158	0.00006806	0.00006187
38 OTHER MFG	0.00015127	0.00017380	0.00037993	0.00018204	0.00049824	0.00017660	0.00035849	0.00019151
39 RAIL TRANS	0.00157889	0.00200126	0.00298297	0.00200363	0.00193946	0.00213066	0.00214787	0.00222302
40 INTERCI RU HI	0.00123627	0.00124529	0.00173440	0.00143669	0.00143330	0.00139030	0.00146647	0.00144784
41 MOTOR FREIGHT	0.03009144	0.02181842	0.02312626	0.01884523	0.03363156	0.02299422	0.02658247	0.08867588
42 OTHER WARH	0.00038213	0.00041837	0.00042422	0.00046576	0.00047476	0.00046465	0.00046559	0.00631266
43 AIR TRANS	0.00251976	0.00541810	0.00301744	0.00275996	0.00500843	0.00536812	0.00458353	0.00350220
44 PIPELINE TRN	0.00000440	0.00000562	0.00000547	0.00000705	0.00000554	0.00000592	0.00000670	0.00000612
45 LOC&SUB TRANS	0.00050999	0.00050106	0.00057325	0.00059088	0.00058997	0.00057196	0.00060093	0.00059326
46 OTHER TRN SER	0.00001242	0.00001586	0.00001852	0.00001948	0.00001801	0.00002096	0.00001818	0.00001861
47 TELEPHONE	0.01675408	0.02065320	0.03213253	0.02732948	0.02520755	0.03499010	0.03037159	0.03624811
48 RADIO&TV	0.00877525	0.02456435	0.01231463	0.00865145	0.01565105	0.01469643	0.01688441	0.01851106
49 OTHER COMMUN	0.00023530	0.00023122	0.00026468	0.00027423	0.00027261	0.00026405	0.00027771	0.00027374
50 GAS SERVICE	0.02497758	0.01983842	0.01769693	0.01925366	0.01938017	0.01670432	0.03150144	0.02197858
51 ELECT SERVICE	0.03859154	0.04647191	0.03599542	0.05019951	0.03839435	0.03353247	0.07563790	0.05318522
52 WATER&SAN SER	0.00578676	0.01010612	0.00736658	0.00651482	0.00841869	0.00510236	0.01400772	0.00744602
53 WHL AUTO PART	0.00765062	0.00967160	0.15586644	0.03751568	0.00875637	0.00902495	0.00971053	0.01149356
54 WHL GROCERIES	0.03355378	0.47852026	0.03862093	0.10568680	0.03931701	0.03817417	0.23901596	0.04074923
55 WHL FARM PROD	0.00040811	0.00040242	0.00046280	0.00047799	0.00046949	0.00045905	0.00047810	0.00047602
56 WHL LIVESTOCK	0.00001328	0.00001312	0.00001642	0.00001583	0.00001526	0.00001495	0.00001554	0.00001552
57 WHL &NDUST MA	0.00063677	0.00112183	0.00089691	0.00075160	0.00072705	0.00076747	0.00102256	0.00325249

58 WHL FARM MACH	0.00010301	0.00018223	0.00567746	0.00014480	0.00011709	0.00013698	0.00015334	0.00014224
59 WHL PETRO PRO	0.02055959	0.02415623	0.02448699	0.47867231	0.02372126	0.02659720	0.02586205	0.02792185
60 GENERAL WHL	0.08405486	0.08177447	0.02358994	0.02630469	0.03106429	0.35507311	0.02951770	0.14001490
61 LUMBER YARDS	0.00157980	0.00155327	0.00179605	0.00183107	0.00182728	0.00177220	0.00186269	0.00183866
62 RET FARM EQUI	0.00003528	0.00003480	0.00004023	0.00004135	0.00004057	0.00003968	0.00004132	0.00004116
63 AG SUPPLIES	0.00012303	0.00012116	0.00013945	0.00014350	0.00014185	0.00013822	0.00014448	0.00014336
64 HARDWARE	0.00101765	0.00102664	0.00165107	0.00118441	0.00117763	0.00114309	0.00121318	0.00119314
65 DEPT&VARIETY	1.02641467	0.02595171	0.02969098	0.03060241	0.03055667	0.02962389	0.03112427	0.03072724
66 FOOD	0.01572130	1.01544577	0.01767127	0.01821375	0.01818652	0.01763136	0.01852434	0.01828803
67 AUTO DEAL&REP	0.01660633	0.03093448	1.02298945	0.02379477	0.01886002	0.02248881	0.02536200	0.02335349
68 GAS SERV STAT	0.00427204	0.00780859	0.00684898	1.00665297	0.00521651	0.00813192	0.00763087	0.00883422
69 APPAREL&ACCES	0.00789204	0.00775433	0.00891223	0.00914343	1.00912956	0.00885104	0.00929940	0.00918070
70 FURN&HOME FUR	0.00657288	0.00645771	0.00738858	0.00761499	0.00760357	1.00737145	0.00774482	0.00764600
71 EAT&DRINK	0.01133113	0.01166883	0.01593400	0.01402661	0.01517028	0.01401151	1.01372569	0.01859478
72 OTHER RETAIL	0.02200691	0.02170791	0.02515350	0.02693014	0.02553392	0.02473322	0.02596712	1.02567748
73 BANK&CREDIT	0.02145589	0.03724219	0.03762454	0.05485243	0.05340100	0.06841507	0.02612212	0.03343504
74 INSURANCE	0.00667807	0.02544553	0.01991006	0.02279046	0.02662124	0.03392286	0.02080107	0.02194225
75 F.I.R.E.,NEC	0.00400694	0.00524891	0.00831674	0.02269400	0.00584833	0.00690656	0.00544598	0.01404912
76 LEGAL SERVICE	0.00468700	0.00520205	0.00748242	0.00662490	0.00561402	0.00665667	0.00546648	0.00676950
77 LODG&NG	0.00111595	0.00148601	0.00416760	0.00490992	0.00311325	0.00273987	0.00120576	0.01057161
78 PERSONAL SERV	0.01406251	0.01584801	0.01639358	0.01634874	0.01821649	0.01597130	0.04304906	0.01666548
79 ADVERTISING	0.00154018	0.00243417	0.01861565	0.00228360	0.02705761	0.00243541	0.00210518	0.00297959
80 RES&DEVELOPE	0.00005936	0.00044309	0.00016550	0.00011714	0.00010979	0.00010562	0.00019567	0.00019523
81 OTHER BUS SER	0.00442169	0.04641916	0.01553241	0.00923270	0.00948662	0.00817391	0.01831171	0.01821152
82 MOTION PIC&RE	0.00190773	0.00187688	0.00214639	0.00221252	0.00221151	0.00214094	0.00224936	0.00222108
83 AUTO RENT&PAR	0.00201614	0.00233339	0.00236860	0.00537393	0.00237049	0.00234833	0.00254364	0.00250179
84 MISC REP SERV	0.00249274	0.01734025	0.00865107	0.00418361	0.00327702	0.00331526	0.01096406	0.00601760
85 PHYS&DENTIST	0.00980394	0.00972246	0.01107930	0.01143026	0.01143165	0.01112152	0.01161380	0.01147238
86 HOSPITAL&LAB	0.00702725	0.00690536	0.00789990	0.00814253	0.00813007	0.00788266	0.00828096	0.00817559
87 OTHER MEDICAL	0.00093794	0.00092156	0.00105478	0.00108681	0.00108501	0.00105195	0.00110516	0.00109112
88 EL&SEC SCHOOL	0.03983034	0.03970185	0.04307080	0.04742244	0.04491232	0.04522493	0.04566873	0.04680764
89 COLLEGE&UNIV	0.01003843	0.00962566	0.01033684	0.01082206	0.01071752	0.01031453	0.01103902	0.01123675
90 OTHER EDUCATE	0.00055267	0.00054299	0.00062122	0.00064029	0.00063934	0.00061982	0.00065121	0.00064291
91 ACCT&AUD&BOOK	0.00519611	0.00844217	0.00912463	0.01003759	0.00892288	0.00815032	0.01389509	0.01661428
92 OTHER PRO SER	0.00030705	0.00037760	0.00101790	0.00037001	0.00136794	0.00039026	0.00039137	0.00042611
93 OTHER SERVICE	0.00139743	0.00557045	0.00189278	0.00383983	0.00711218	0.00390200	0.00354399	0.00582164
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	0.92719086	0.91094043	1.04219303	1.07418610	1.07258070	1.03983895	1.09250406	1.07856798
TOTAL	2.55892799	3.18243399	2.91395087	3.38502951	2.85072448	3.14143482	3.12260852	3.08142039

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS, TEXAS, 1967

	73	74	75	76	77	78	79	80
1 IRR COTTON	0.00066830	0.00085346	0.00079845	0.00072862	0.00068900	0.00062500	0.00047075	0.00074419
2 IRR FOOD GRAIN	0.00000364	0.00000455	0.00000411	0.00000399	0.00000367	0.00000342	0.00000256	0.00000409
3 IRR FEED GRAIN	0.00040692	0.00050380	0.00045789	0.00044917	0.00040734	0.00038319	0.00028576	0.00045893
4 OTHER IRR CROP	0.00430621	0.00487185	0.00396580	0.00497581	0.00393815	0.00414422	0.00302423	0.00503571
5 DRY COTTON	0.00013659	0.00017443	0.00016319	0.00014892	0.00014082	0.00012774	0.00009621	0.00015210
6 DRY FOOD GRAIN	0.00000100	0.00000126	0.00000113	0.00000110	0.00000101	0.00000094	0.00000071	0.00000113
7 DRY FEED GRAIN	0.00014515	0.00017981	0.00016275	0.00016020	0.00014536	0.00013668	0.00010194	0.00016370
8 OTHER DRY CROP	0.00012964	0.00014786	0.00012208	0.00014905	0.00011982	0.00012445	0.00009102	0.00015100
9 RANGE LVSTK	0.00132120	0.00149360	0.00122281	0.00152656	0.00120766	0.00127154	0.00092762	0.00154507
10 FEEDLOT LVSTK	0.00059166	0.00072939	0.00070621	0.00065299	0.00059095	0.00055693	0.00041482	0.00066643
11 DAIRY&POULTRY	0.00192020	0.00222446	0.00187697	0.00218887	0.00180713	0.00183519	0.00134788	0.00222086
12 GIN&COMPRESS	0.00007289	0.00008930	0.00008871	0.00007942	0.00007606	0.00006922	0.00005137	0.00008132
13 AG SERVICES	0.00062570	0.00071300	0.00058707	0.00072028	0.00057685	0.00060109	0.00043941	0.00072948
14 CRUDE PETRO	0.01618161	0.01761713	0.02770800	0.01666744	0.02082483	0.02469632	0.01407892	0.01965094
15 NATURAL GAS	0.00018549	0.00021332	0.00028491	0.00017984	0.00023008	0.00023124	0.00016763	0.00020840
16 OIL&GAS SERV	0.00230425	0.00254386	0.00382335	0.00233188	0.00295232	0.00356298	0.00210684	0.00281380
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000420	0.00000363	0.00000871	0.00000368	0.00000641	0.00000321	0.00000274	0.00000359
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00003512	0.00003040	0.00007286	0.00003078	0.00005360	0.00002687	0.00002289	0.00003005
21 M&REPAIR CONS	0.02726214	0.02359885	0.05655912	0.02389543	0.04160679	0.02086097	0.01777047	0.02332891
22 MEAT PRODUCTS	0.00184623	0.00227599	0.00220366	0.00203759	0.00184400	0.00173786	0.00129442	0.00207955
23 DAIRIES	0.00654315	0.00759276	0.00634631	0.00746723	0.00613881	0.00625996	0.00459492	0.00757797
24 MILLING&FEEDS	0.00084314	0.00105497	0.00095347	0.00092620	0.00085201	0.00079228	0.00059238	0.00094759
25 FOOD PROCESS	0.00143932	0.00184050	0.00171858	0.00156926	0.00184530	0.00134539	0.00101383	0.00160266
26 BEVERAGES	0.00505283	0.00632968	0.00994633	0.00561417	0.00451683	0.00465193	0.00340286	0.00562808
27 TEXTILE PROD	0.00012913	0.00014550	0.00016254	0.00014053	0.00013776	0.00012612	0.00009105	0.00014454
28 WOOD PRODUCTS	0.00189110	0.00173908	0.00379826	0.00169042	0.00281617	0.00147778	0.00124495	0.00166137
29 PAPER-PRINT	0.00763195	0.02377671	0.00749726	0.00880385	0.00892936	0.01490647	0.16189239	0.01894471
30 CHEMICALS	0.00124922	0.00129009	0.00209873	0.00122184	0.00160203	0.00128012	0.00097626	0.00129338
31 PETRO PRODUCT	0.00829463	0.01043298	0.01028356	0.00769163	0.00997586	0.01590069	0.01054697	0.01133194
32 SOIL&ROCK PRO	0.00059364	0.00052485	0.00123889	0.00052995	0.00087917	0.00051463	0.00039405	0.00053183
33 METAL PRODUCT	0.00211812	0.00187351	0.00431147	0.00196066	0.00319452	0.00167570	0.00146435	0.00185380
34 PLUMB&REL PRO	0.00007574	0.00006699	0.00015593	0.00006675	0.00011481	0.00005848	0.00004955	0.00006535
35 MACHINERY	0.00053079	0.00057250	0.00083638	0.00055082	0.00065743	0.00059579	0.00045105	0.00058425
36 ELECTRONIC EQ	0.00031830	0.00037387	0.00057093	0.00031560	0.00043082	0.00027672	0.00022498	0.00030991
37 TRANS EQUIP	0.00006006	0.00007081	0.00010344	0.00007043	0.00008005	0.00005253	0.00005850	0.00005978
38 OTHER MFG	0.00027827	0.00024957	0.00026977	0.00018658	0.00023387	0.00687671	0.01276403	0.00032363
39 RAIL TRANS	0.00173083	0.00197084	0.00191172	0.00510754	0.00174746	0.00181434	0.00285752	0.00202810
40 INTERCI RU HI	0.00140307	0.00158136	0.00127704	0.00161637	0.00127864	0.00134492	0.00098475	0.00163565
41 MOTOR FREIGHT	0.01570963	0.01780045	0.01449581	0.01805133	0.01548535	0.01954376	0.01155975	0.01862513
42 OTHER WARH	0.00041359	0.00052510	0.00048072	0.00046620	0.00042962	0.00040113	0.00051546	0.00047759
43 AIR TRANS	0.00253697	0.00501031	0.00211581	0.00251883	0.00297544	0.00227180	0.00258162	0.00258564
44 PIPELINE TRN	0.00000502	0.00000519	0.00000844	0.00000491	0.00000644	0.00000515	0.00000392	0.00000520
45 LOCK&SUB TRANS	0.00057488	0.00064504	0.00051939	0.00066670	0.00052148	0.00055427	0.00040369	0.00067433
46 OTHER TRN SER	0.00012352	0.00001522	0.00003417	0.00004465	0.00001469	0.00001448	0.00001358	0.00001621
47 TELEPHONE	0.02164797	0.02087962	0.03282448	0.02992859	0.02120932	0.02276931	0.02293672	0.02847271
48 RADIO&TV	0.00933495	0.00623238	0.00779469	0.00502245	0.00549587	0.00965109	0.040920419	0.00498053
49 OTHER COMMUN	0.00026560	0.00029744	0.00024254	0.00030738	0.00024229	0.00025563	0.00018638	0.00031084
50 GAS SERVICE	0.01542040	0.01610902	0.02830354	0.01629773	0.02018480	0.02199312	0.01181106	0.01812665
51 ELECT SERVICE	0.03252662	0.03240465	0.06699687	0.03200868	0.04720670	0.04302503	0.02723694	0.04134851
52 WATER&SAN SER	0.00550905	0.00566490	0.01252874	0.00567100	0.00593590	0.00979462	0.00415619	0.00683240
53 WHL AUTO PART	0.00794873	0.00913668	0.00731541	0.00910583	0.00790988	0.00844473	0.00575232	0.00924529
54 WHL &GROCERIES	0.03817339	0.04601963	0.03440342	0.04434087	0.07540094	0.03654586	0.02670917	0.04435308
55 WHL FARM PROD	0.00045849	0.00053768	0.00045815	0.00052026	0.00043523	0.00043739	0.00032193	0.00052851
56 WHL LIVESTOCK	0.00001492	0.00001759	0.00001569	0.00001688	0.00001423	0.00001421	0.00001047	0.00001715
57 WHL &NDUST MA	0.00061475	0.00070027	0.00085478	0.00065508	0.00067581	0.00325008	0.00171287	0.00070881

58 WHL FARM MACH	0.00011248	0.00012804	0.00010645	0.00012892	0.00012683	0.00010906	0.00008367	0.00013017
59 WHL PETRO PRO	0.02320481	0.02915924	0.02134549	0.02567116	0.02129351	0.02426944	0.01656158	0.02647908
60 GENERAL WHL	0.03047664	0.03027260	0.02230188	0.02630030	0.02782903	0.03632845	0.02052639	0.02734244
61 LUMBER YARDS	0.00178043	0.00199841	0.00161161	0.00206405	0.00161652	0.00171696	0.00125046	0.00208815
62 RET FARM EQUI	0.00003962	0.00004657	0.00003983	0.00004496	0.00003765	0.00003779	0.00002784	0.00004565
63 AG SUPPLIES	0.00013840	0.00015949	0.00013301	0.00015856	0.00012893	0.00013263	0.00009722	0.00016071
64 HARDWARE	0.00115152	0.00129575	0.00105323	0.00132656	0.00105319	0.00110699	0.00080744	0.00134406
65 DEPT&VARIETY	0.02977556	0.03340922	0.02689871	0.03453103	0.02700823	0.02870835	0.02090787	0.03492691
66 FOOD	0.01772162	0.01988464	0.01600941	0.02055194	0.01607459	0.01708644	0.01244381	0.02078756
67 AUTO DEAL&REP	0.01807687	0.02041625	0.01683107	0.02077846	0.02071731	0.01757650	0.01353765	0.02096132
68 GAS SERV STAT	0.00536882	0.01176144	0.00478077	0.00542687	0.00460463	0.00555556	0.00468299	0.00643354
69 APPAREL&ACCES	0.00889617	0.00998182	0.00803669	0.01031696	0.00806955	0.00857732	0.00624677	0.01043524
70 FURN&HOME FUR	0.00740920	0.00831337	0.00669344	0.00859250	0.00672065	0.00714362	0.00520260	0.00869101
71 EAT&DRINK	0.01420775	0.02836309	0.01224076	0.01736599	0.01156776	0.01246170	0.00919942	0.01477311
72 OTHER RETAIL	0.02483636	0.02795724	0.02257657	0.03125876	0.02256933	0.02394517	0.01758932	0.02910408
73 BANK&CREDIT	1.04795021	0.02968260	0.17667615	0.03120803	0.02641441	0.02507330	0.02031966	0.02731258
74 INSURANCE	0.01285005	1.01058961	0.01920462	0.00824429	0.00931103	0.01130814	0.01476618	0.01137297
75 F.I.R.E.,NEC	0.03361531	0.02466811	1.02229352	0.01437309	0.03324956	0.00822955	0.00773681	0.00494632
76 LEGAL SERVICE	0.00875899	0.01197504	0.01471186	1.00550226	0.00499184	0.00492889	0.00527033	0.00550879
77 LODG&NG	0.00196416	0.00979233	0.00180554	0.00117806	1.00097085	0.00105557	0.00134117	0.00111601
78 PERSONAL SERV	0.01606264	0.01831200	0.01452882	0.01842456	0.02599004	1.01660367	0.03267717	0.02084399
79 ADVERTISING	0.01072540	0.00458491	0.01026259	0.00167617	0.00168875	0.00160818	1.01211710	0.00161498
80 RES&DEVELOPE	0.00021335	0.00031409	0.00029248	0.00008840	0.00025353	0.00009211	0.00009991	1.01796016
81 OTHER BUS SER	0.02137596	0.03267580	0.02833042	0.00748279	0.02498154	0.00755668	0.00911254	0.00885352
82 MOTION PIC&RE	0.00215113	0.00242735	0.00195546	0.00296908	0.00195356	0.00212858	0.00162698	0.00252097
83 AUTO RENT&PAR	0.00236772	0.00317827	0.00216044	0.00259750	0.00219148	0.00306954	0.00276432	0.00267259
84 MISC REP SERV	0.00271140	0.00326306	0.00257225	0.00379307	0.01108417	0.01361747	0.00293223	0.00749564
85 PHYS&DENTIST	0.01107681	0.01719403	0.01004296	0.01281403	0.01003613	0.01067462	0.00780541	0.01297546
86 HOSPITAL&LAB	0.00792159	0.00893727	0.00715726	0.00918626	0.00718552	0.00763770	0.00556276	0.00929181
87 OTHER MEDICAL	0.00105728	0.00118801	0.00095584	0.00122599	0.00095923	0.00101932	0.00074241	0.00124007
88 EL&SEC SCHOOL	0.04417520	0.05944263	0.05657940	0.04648057	0.04808219	0.04068265	0.03104135	0.04800984
89 COLLEGE&UNIV	0.00983757	0.01929263	0.01093447	0.01118250	0.00965848	0.00999065	0.00757417	0.01196051
90 OTHER EDUCATE	0.00062299	0.00069908	0.00056280	0.00072249	0.00056509	0.00060066	0.00043745	0.00073077
91 ACCT&AUD&BOOK	0.00751444	0.00831474	0.01048148	0.00740395	0.00717910	0.00682602	0.00572301	0.01360837
92 OTHER PRO SER	0.00069437	0.00047140	0.00066294	0.00036042	0.00030999	0.00032867	0.04141022	0.00036293
93 OTHER SERVICE	0.00324020	0.01035928	0.01060831	0.00698832	0.00523533	0.00371685	0.00600694	0.00337179
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	1.04516270	1.17270914	0.94418093	1.21208613	0.94802567	1.00770232	0.73389467	1.22598213
TOTAL	2.72485565	2.95497624	2.87131061	2.87859376	2.67616991	2.66912846	2.85154664	2.93735761

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	81	82	83	84	85	86	87	88
1 IRR COTTON	0.00065143	0.00188555	0.00025171	0.00068386	0.00079485	0.00389738	0.00063627	0.01069116
2 IRR FOOD GRAIN	0.00000356	0.00000371	0.00000133	0.00000373	0.00000373	0.00000664	0.00000342	0.00004913
3 IRR FEED GRAIN	0.00039976	0.00044187	0.00014601	0.00041773	0.00042243	0.00109914	0.00037964	0.00501783
4 OTHER IRR CROP	0.00434095	0.00439150	0.00132564	0.00446970	0.00461102	0.00515075	0.00378753	0.00783345
5 DRY COTTON	0.00013314	0.00038538	0.00005145	0.00013977	0.00016246	0.00079657	0.00013004	0.00218511
6 DRY FOOD GRAIN	0.00000098	0.00000102	0.00000037	0.00000103	0.00000103	0.00000183	0.00000094	0.00001356
7 DRY FEED GRAIN	0.00014255	0.00015415	0.00005212	0.00014903	0.00015024	0.00034914	0.00013547	0.00179688
8 OTHER DRY CROP	0.00013029	0.00012222	0.00004056	0.00013466	0.00013749	0.00016489	0.00011468	0.00036768
9 RANGE LVSTK	0.00133219	0.00126163	0.00040633	0.00137110	0.00140765	0.00181760	0.00116152	0.00233043
10 FEEDLOT LVSTK	0.00058330	0.00085221	0.00021146	0.00060568	0.00063960	0.00417804	0.00055040	0.00718736
11 DAIRY&POULTRY	0.00191984	0.00184613	0.00061835	0.00199459	0.00202776	0.00294355	0.00171672	0.00906244
12 GIN&COMPRESS	0.00007141	0.00016042	0.00002651	0.00007944	0.00008378	0.00030558	0.00006855	0.00080271
13 AG SERVICES	0.00062937	0.00064532	0.00019518	0.00064933	0.00066890	0.00085000	0.00055300	0.00165850
14 CRUDE PETRO	0.06423648	0.01899734	0.00798751	0.01952108	0.01664880	0.01604467	0.01959699	0.02017333
15 NATURAL GAS	0.00091558	0.00023646	0.00009124	0.00026345	0.00019108	0.00040490	0.00017725	0.00032257
16 OIL&GAS SERV	0.01198047	0.00284709	0.00121182	0.00286097	0.00233764	0.00238150	0.00270212	0.00281532
17 RESIDENT CONS	0	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000351	0.00000403	0.00000159	0.00000806	0.00000454	0.00000340	0.00000350	0.00000392
19 INDUSTRY CONS	0	0	0	0	0	0	0	0
20 FACILITY CONS	0.00002936	0.00003373	0.00001326	0.00006745	0.00003795	0.00002845	0.00002923	0.000003280
21 M&REPAIR CONS	0.02278929	0.02618084	0.01029716	0.05235957	0.02945687	0.02208589	0.02269147	0.02546309
22 MEAT PRODUCTS	0.00182015	0.00265931	0.00065985	0.00188996	0.00199582	0.01303797	0.00171747	0.02242739
23 DAIRIES	0.00654661	0.00623022	0.00210616	0.00676514	0.00690157	0.00939221	0.00585344	0.03125007
24 MILLING&FEEDS	0.00082542	0.00085928	0.00030745	0.00086460	0.00086432	0.00153942	0.00079207	0.01139177
25 FOOD PROCESS	0.00140275	0.00408976	0.00054271	0.00146973	0.00171372	0.00847001	0.00137086	0.02325734
26 BEVERAGES	0.00486367	0.00461598	0.00151761	0.00501486	0.00511777	0.00435974	0.00424619	0.00435099
27 TEXTILE PROD	0.00012770	0.00013276	0.00004381	0.00015695	0.00013866	0.00014136	0.00011861	0.00020578
28 WOOD PRODUCTS	0.00161227	0.00182681	0.00071816	0.00353336	0.00203957	0.00154654	0.00158961	0.00176138
29 PAPER-PRINT	0.01029103	0.01995676	0.00338100	0.00839628	0.00856118	0.00712483	0.01164497	0.00847538
30 CHEMICALS	0.00267040	0.00142121	0.00050167	0.00187883	0.00134647	0.00334650	0.00115719	0.00259174
31 PETRO PRODUCT	0.12008704	0.01408755	0.00650828	0.01074776	0.00744718	0.00837442	0.00859406	0.00781483
32 SOIL&ROCK PRO	0.00053365	0.00058132	0.00022420	0.00109228	0.00064027	0.00049675	0.00052557	0.00056688
33 METAL PRODUCT	0.00186664	0.00206602	0.00080161	0.00528035	0.00228968	0.00173740	0.00178268	0.00199183
34 PLUMB&REL PRO	0.00006374	0.00007296	0.00002871	0.00014433	0.00008179	0.00006166	0.00006334	0.00007077
35 MACHINERY	0.00110003	0.00055505	0.00021450	0.00073032	0.00056015	0.00050286	0.00052859	0.00057962
36 ELECTRONIC EQ	0.00029730	0.00032027	0.00012681	0.00053459	0.00034053	0.00027391	0.00028425	0.00030470
37 TRANS EQUIP	0.00006390	0.00006136	0.00002380	0.00010344	0.00006420	0.00005232	0.00005331	0.00005742
38 OTHER MFG	0.00017500	0.00017076	0.00047144	0.00018512	0.00020668	0.00033759	0.00040301	0.00014947
39 RAIL TRANS	0.00328033	0.00180491	0.00062247	0.00327703	0.00182405	0.00162320	0.00158339	0.00196593
40 INTERCI RU HI	0.00200477	0.00127959	0.00042625	0.00146051	0.001488291	0.00126422	0.00122234	0.00137270
41 MOTOR FREIGHT	0.02554098	0.01466290	0.00481939	0.03858377	0.01660511	0.01531955	0.01453898	0.01572805
42 OTHER WARRH	0.00041002	0.00041496	0.00015081	0.00044099	0.00042644	0.00040320	0.00039559	0.00484561
43 AIR TRANS	0.00303571	0.00284192	0.00079440	0.00238007	0.00260528	0.00301421	0.00324436	0.00208719
44 PIPELINE TRN	0.00001073	0.00000571	0.00000202	0.00000755	0.00000541	0.00001345	0.00000465	0.00001042
45 LOC&SUB TRANS	0.00058073	0.00052591	0.00017444	0.00059730	0.00061176	0.00052082	0.00050298	0.00052086
46 OTHER TRN SER	0.00001835	0.00034032	0.00002093	0.00001993	0.00001594	0.00001991	0.00002469	0.00002693
47 TELEPHONE	0.02109567	0.02206394	0.00940526	0.03889158	0.02988342	0.02749886	0.02534885	0.01567994
48 RADIO&TV	0.00496687	0.00511596	0.00210016	0.00476276	0.00459832	0.00439637	0.00479017	0.00401256
49 OTHER COMMUN	0.00026791	0.00024307	0.00008075	0.00027790	0.00028267	0.00024041	0.00023228	0.00024070
50 GAS SERVICE	0.01918634	0.01600273	0.00644972	0.01823119	0.01638882	0.01513657	0.01939128	0.02040696
51 ELECT SERVICE	0.03393208	0.03629498	0.01400455	0.03662358	0.03718400	0.03100584	0.04440611	0.03834560
52 WATER&SAN SER	0.00655079	0.00628346	0.00202145	0.00514335	0.00585720	0.00591714	0.00750282	0.00624086
53 WHL AUTO PART	0.01264156	0.00859354	0.00279414	0.00978745	0.00840719	0.00736563	0.00717677	0.00733066
54 WHL & GROCERIES	0.03858240	0.03750935	0.01167397	0.04045195	0.04069288	0.05750686	0.06991088	0.03618725
55 WHL FARM PROD	0.00045733	0.00045442	0.00015038	0.00047407	0.00048310	0.00079971	0.00041296	0.00274990
56 WHL LIVESTOCK	0.00001489	0.00001766	0.00000494	0.00001538	0.00001601	0.00006047	0.00001348	0.00009926
57 WHL &NDUST MA	0.00103585	0.00926764	0.00023552	0.00076842	0.00097942	0.00831713	0.00072985	0.00379719

58 WHL FARM MACH	0.00016888	0.00016451	0.00004835	0.00014674	0.00012111	0.00013957	0.00010600	0.00021177
59 WHL PETRO PRO	0.06820640	0.02092967	0.00727852	0.02444755	0.02365945	0.02068539	0.02012157	0.02047577
60 GENERAL WHL	0.02508500	0.02105299	0.00848570	0.02556737	0.02790647	0.04490752	0.03618827	0.02945807
61 LUMBER YARDS	0.00180199	0.00163091	0.00054096	0.00185019	0.00189454	0.00163313	0.00155866	0.00169987
62 RET FARM EQUI	0.00003953	0.00005209	0.00001303	0.00004095	0.00004290	0.00008894	0.00003572	0.00024355
63 AG SUPPLIES	0.00013883	0.00016368	0.00004399	0.00014338	0.00014928	0.00023778	0.00012318	0.00053737
64 HARDWARE	0.00158089	0.00105890	0.00035129	0.00120020	0.00121913	0.00105887	0.00100709	0.00112057
65 DEPT&VARIETY	0.03007839	0.02723878	0.00903472	0.03093478	0.03168554	0.02697557	0.02605113	0.02697762
66 FOOD	0.01790184	0.01621179	0.00537723	0.01841158	0.01893636	0.01605716	0.01550494	0.01605626
67 AUTO DEAL&REP	0.02828527	0.02552523	0.00795899	0.02419632	0.01936061	0.01730525	0.01708851	0.01689044
68 GAS SERV STAT	0.00720222	0.00435521	0.00228148	0.00519504	0.00513681	0.00458598	0.00478299	0.00456012
69 APPAREL&ACCES	0.00898709	0.00813867	0.00269945	0.00924275	0.00946683	0.00805981	0.00778346	0.00806062
70 FURN&HOME FUR	0.00748491	0.00677797	0.00224816	0.00769772	0.00788447	0.00671246	0.00648243	0.00671300
71 EAT&DRINK	0.01394896	0.01239025	0.00448360	0.01882144	0.01447951	0.01252031	0.01152546	0.01148815
72 OTHER RETAIL	0.02546063	0.02281690	0.00754801	0.02589441	0.02667506	0.02250933	0.02173616	0.02267306
73 BANK&CREDIT	0.02872937	0.03275943	0.15478709	0.03398094	0.03018207	0.04577828	0.12334273	0.02282753
74 INSURANCE	0.01552320	0.00881474	0.01519563	0.03210220	0.01954522	0.01287040	0.02889367	0.01109674
75 F.I.R.E.,NEC	0.00593080	0.04479753	0.00820038	0.00576153	0.00503749	0.00487546	0.00750608	0.00395349
76 LEGAL SERVICE	0.00530232	0.00645651	0.00575452	0.01003476	0.00758784	0.00496921	0.00554154	0.00439313
77 LODG&NG	0.00168071	0.00278447	0.00069726	0.00231459	0.00120113	0.00112146	0.00118370	0.00098157
78 PERSONAL SERV	0.01623693	0.01574513	0.00597932	0.01663175	0.02202952	0.04216147	0.05032759	0.01470246
79 ADVERTISING	0.00185341	0.00193104	0.00188044	0.00202584	0.00155692	0.00158409	0.00228599	0.00137521
80 RESE&DEVELOPE	0.00902262	0.00008934	0.00005513	0.00024187	0.00007863	0.00010907	0.00009297	0.00008586
81 OTHER BUS SER	1.00563098	0.00700847	0.00502429	0.02298076	0.00608643	0.00749545	0.00806667	0.00563349
82 MOTION PIC&RE	0.00217099	1.00197075	0.00066003	0.00224064	0.00228780	0.00195047	0.00188439	0.00195257
83 AUTO RENT&PAR	0.00610396	0.00218669	1.00072637	0.00934576	0.00250174	0.00213205	0.00203929	0.00207642
84 MISC REP SERV	0.00549321	0.01205674	0.00087035	1.01043542	0.00565904	0.00617581	0.00350172	0.00293382
85 PHYS&DENTIST	0.01120167	0.01011920	0.00341506	0.01159775	1.01313051	0.03643120	0.00977573	0.01003499
86 HOSPITAL&LAB	0.00800423	0.00724756	0.00240437	0.00823096	0.01866633	1.00983496	0.00693174	0.00720090
87 OTHER MEDICAL	0.00106798	0.00096848	0.00032095	0.00109843	0.00142669	0.00259965	1.00092519	0.00098541
88 EL&SEC SCHOOL	0.04212727	0.04319204	0.01815485	0.04610255	0.04321144	0.03925148	0.04372333	1.03643373
89 COLLEGE&UNIV	0.01051572	0.01083722	0.00448280	0.01146858	0.01026983	0.00918243	0.00970138	0.00867192
90 OTHER EDUCATE	0.00062933	0.00056992	0.00018903	0.00064725	0.00067656	0.00189704	0.00054507	0.00056448
91 ACCT&AUD&BOOK	0.00819925	0.00948809	0.00954905	0.00738473	0.00774147	0.00616451	0.00733041	0.00509869
92 OTHER PRO SER	0.00036610	0.00031733	0.00015682	0.00035278	0.00033382	0.00030143	0.00032095	0.00030882
93 OTHER SERVICE	0.00305949	0.00217515	0.00093744	0.00885459	0.00617804	0.00286537	0.00402581	0.00142445
94 ORDNANCE	0	0	0	0	0	0	0	0
95 HOUSEHOLDS	1.05579201	0.95611825	0.31713105	1.08585272	1.11220558	0.94687756	0.91443018	0.94694536
TOTAL	2.91926646	2.63002257	1.71200462	2.85873741	2.77465945	2.67383496	2.69906809	2.63355045

INTERDEPENDENCE COEFFICIENTS (INCLUDING HOUSEHOLDS) : HIGH PLAINS , TEXAS, 1967

	89	90	91	92	93	94	HOUSEHOLDS
1 IRR COTTON	0.00100047	0.00059428	0.00072052	0.00068115	0.00038841	0.00034453	0.00079531
2 IRR FOOD GRAIN	0.00000567	0.00000325	0.00000397	0.00000374	0.00000213	0.00000176	0.00000440
3 IRR FEED GRAIN	0.00056707	0.00036435	0.00044642	0.00041984	0.00023946	0.00019728	0.00049495
4 OTHER IRR CRDP	0.00429194	0.00393181	0.00495815	0.00459854	0.00263009	0.00214072	0.00056006
5 DRY COTTON	0.00020448	0.00012146	0.00014726	0.00013922	0.00007939	0.00007042	0.00016255
6 DRY FOOD GRAIN	0.00000156	0.00000090	0.00000110	0.00000103	0.00000059	0.00000049	0.00000121
7 DRY FEED GRAIN	0.00020682	0.00012997	0.00015922	0.00014974	0.00008540	0.00007037	0.00017652
8 OTHER DRY CRDP	0.00012587	0.00011809	0.00014852	0.00013792	0.00007893	0.00006407	0.00016636
9 RANGE LVSTK	0.00128452	0.00120627	0.00152139	0.00141109	0.00080706	0.00065437	0.00170619
10 FEEDLOT LVSTK	0.00057338	0.00052892	0.00064850	0.00061059	0.00034832	0.00028657	0.00071922
11 DAIRY&POULTRY	0.00186116	0.00174201	0.00218009	0.00202909	0.00116177	0.00094539	0.00243700
12 GIN&COMPRESS	0.00026974	0.00006424	0.00007902	0.00007440	0.00004385	0.00003775	0.00008696
13 AG SERVICES	0.00063937	0.00057030	0.00071759	0.00066625	0.00038111	0.00031052	0.00080397
14 CRUDE PETRO	0.02370080	0.01293527	0.01856981	0.02118449	0.01276570	0.02161659	0.01729935
15 NATURAL GAS	0.00053594	0.00014245	0.00020172	0.00022077	0.00014888	0.00073992	0.00018672
16 OIL&GAS SERV	0.00342187	0.00180975	0.00266553	0.00310415	0.00190365	0.00284338	0.00239571
17 RESIDENT CONS	0	0	0	0	0	0	0
18 COM&ED&INST C	0.00000374	0.00000294	0.00000372	0.00000340	0.00000295	0.00000202	0.00000391
19 INDUSTRY CONS	0	0	0	0	0	0	0
20 FACILITY CONS	0.00003130	0.00002455	0.00003107	0.00002847	0.00002467	0.00001685	0.00003270
21 M&REPAIR CONS	0.02429519	0.01905793	0.02411987	0.02210128	0.01914956	0.01308405	0.02538589
22 MEAT PRODUCTS	0.00178910	0.00165045	0.00202360	0.00190531	0.00108689	0.00089421	0.00224428
23 DAIRIES	0.00634379	0.00594335	0.00743698	0.00692230	0.00395481	0.00322179	0.00831514
24 MILLING&FEEDS	0.00131450	0.00075373	0.00092037	0.00086672	0.00049404	0.00040791	0.00101904
25 FOOD PROCESS	0.00205220	0.00128028	0.00155151	0.00146691	0.00083557	0.00074191	0.00171272
26 BEVERAGES	0.00528193	0.00439119	0.00554663	0.00522416	0.00302113	0.00238971	0.00621840
27 TEXTILE PROD	0.00101533	0.00011184	0.00014143	0.00013214	0.00008266	0.00006745	0.00015475
28 WOOD PRODUCTS	0.01023387	0.00135445	0.00170493	0.00156855	0.00131724	0.00091113	0.00179951
29 PAPER-PRINT	0.01403915	0.03609518	0.00703840	0.00777090	0.03950831	0.00351078	0.00728848
30 CHEMICALS	0.00452936	0.00097992	0.00127021	0.00125042	0.00090122	0.00069714	0.00130319
31 PETRO PRODUCT	0.01061801	0.00590015	0.01072051	0.01456782	0.00919113	0.00676025	0.00721568
32 SOIL&ROCK PRD	0.00066408	0.00042117	0.00053688	0.00049771	0.00041916	0.00029307	0.00056218
33 METAL PRODUCT	0.00329935	0.00154359	0.00189814	0.00174827	0.00149532	0.24383992	0.00199830
34 PLUMB&REL PRO	0.00019702	0.00005333	0.00006737	0.00006183	0.00005309	0.00003945	0.00007093
35 MACHINERY	0.00289830	0.00043883	0.00056724	0.00057444	0.00038542	0.00049065	0.00058187
36 ELECTRONIC EQ	0.00907957	0.00025013	0.00030715	0.00028835	0.00021593	0.00025811	0.00032518
37 TRANS EQUIP	0.00150682	0.00004999	0.00005852	0.00005520	0.00004355	0.00014655	0.00006194
38 OTHER MFG	0.00358211	0.00015198	0.00018788	0.00017703	0.00013898	0.00009116	0.00020336
39 RAIL TRANS	0.00298100	0.00165632	0.00193889	0.00187683	0.00128621	0.00063426	0.00206610
40 INTERCI RU HI	0.00136652	0.00127510	0.00161434	0.00150499	0.00094008	0.00072150	0.00180647
41 MOTOR FREIGHT	0.01712980	0.01946119	0.01783988	0.02012210	0.01076420	0.01375853	0.01981323
42 OTHER WARH	0.00041331	0.00040790	0.00044870	0.00042682	0.00035906	0.00023111	0.00049312
43 AIR TRANS	0.00514517	0.00206200	0.00732587	0.00259904	0.00239150	0.00158029	0.00275436
44 PIPELINE TRN	0.00001821	0.00000394	0.00000511	0.00000503	0.00000362	0.00000280	0.00000524
45 LOC&SUB TRANS	0.00056044	0.00052577	0.00066461	0.00061570	0.00035223	0.00028536	0.00074599
46 OTHER TRN SER	0.00002359	0.00001463	0.00001646	0.00001523	0.00001009	0.00005255	0.00001534
47 TELEPHONE	0.03810769	0.04083393	0.02448186	0.02383118	0.01791964	0.01056206	0.01842189
48 RADIO&TV	0.00955661	0.00397799	0.00501608	0.00472964	0.00399836	0.00268293	0.00539861
49 OTHER COMMUN	0.00025811	0.00024243	0.00030645	0.00028388	0.00016293	0.00013175	0.00034384
50 GAS SERVICE	0.02322597	0.01268059	0.01712183	0.01841055	0.01088963	0.02249966	0.01728514
51 ELECT SERVICE	0.05237848	0.02528184	0.03727118	0.03645818	0.02537539	0.03229302	0.03414896
52 WATER&SAN SER	0.01300936	0.00433616	0.00585063	0.00578367	0.00403637	0.00305421	0.00594835
53 WHL AUTO PART	0.00785490	0.00735948	0.00911885	0.00885354	0.00506753	0.00429018	0.01010887
54 WHL &GROCERIES	0.03677092	0.03520702	0.04420706	0.04200342	0.02346558	0.01879505	0.04894282
55 WHL FARM PROD	0.00048306	0.00041534	0.00051797	0.00048294	0.00027600	0.00022524	0.00057832
56 WHL LIVESTOCK	0.00001448	0.00001349	0.00001679	0.00001568	0.00000896	0.00000731	0.00001874
57 WHL &NDUST MA	0.00134564	0.00051714	0.00066489	0.00065883	0.00043108	0.00040104	0.00069661



58 WHL FARM MACH	0.00011486	0.00010223	0.00012848	0.00012790	0.00007166	0.00005903	0.00014239
59 WHL PETRO PRO	0.02269849	0.02033817	0.02637248	0.02534819	0.01547967	0.01166696	0.02846285
60 GENERAL WHL	0.02714806	0.02467214	0.02577781	0.02683977	0.02010849	0.05559316	0.02695371
61 LUMBER YARDS	0.00173318	0.00162796	0.00205785	0.00190673	0.00109097	0.00088497	0.00230931
62 RET FARM EQUI	0.00004545	0.00003588	0.00004473	0.00004172	0.00002384	0.00001971	0.00004993
63 AG SUPPLIES	0.00014822	0.00012588	0.00015787	0.00014681	0.00008393	0.00006889	0.00017665
64 HARDWARE	0.00112734	0.00104613	0.00132541	0.00123550	0.00071845	0.00058621	0.00148271
65 DEPT&VARIETY	0.02895665	0.02723222	0.03442358	0.03189000	0.01824294	0.01477427	0.03863848
66 FOOD	0.01723434	0.01620789	0.02048799	0.01898007	0.01085771	0.00879325	0.02299659
67 AUTO DEAL&REP	0.01790578	0.01644933	0.02071781	0.02076856	0.01161202	0.00953172	0.02295147
68 GAS SERV STAT	0.00462810	0.00418952	0.00596308	0.00643574	0.00309991	0.00249802	0.00581065
69 APPAREL&ACCES	0.00865160	0.00813628	0.01028486	0.00952796	0.00545054	0.00441420	0.01154415
70 FURN&HOME FUR	0.00720579	0.00677631	0.00856577	0.00793533	0.00453950	0.00367637	0.00961457
71 EAT&DRINK	0.01239326	0.01435669	0.01634510	0.01967907	0.00920877	0.00642526	0.01620749
72 OTHER RETAIL	0.02416504	0.02273370	0.02876924	0.02718483	0.02589780	0.01233969	0.03216384
73 BANK&CREDIT	0.04166107	0.02158478	0.03793948	0.03037887	0.01689185	0.01893091	0.02980813
74 INSURANCE	0.01225020	0.00953100	0.00748007	0.00714887	0.00492910	0.00452606	0.00761492
75 F.I.R.E.,NEC	0.11550538	0.00424728	0.00519795	0.02043746	0.01738443	0.00319355	0.00486669
76 LEGAL SERVICE	0.00930191	0.00454320	0.00546294	0.00589885	0.01139700	0.00339370	0.00593381
77 LODG&NG	0.00110664	0.00359655	0.00511757	0.00675987	0.00104042	0.00075754	0.00112297
78 PERSONAL SERV	0.01552725	0.01456535	0.01836600	0.01716310	0.01013789	0.00813379	0.02048787
79 ADVERTISING	0.00337991	0.00144424	0.00180850	0.00167887	0.00384011	0.00089319	0.00165802
80 RES&DEVELOPE	0.00026631	0.00006465	0.00013174	0.00025876	0.00038406	0.00006118	0.00007619
81 OTHER BUS SER	0.02358773	0.00531488	0.01215965	0.02635529	0.04117641	0.00282416	0.00599479
82 MOTION PIC&RE	0.00358702	0.00196732	0.00248332	0.00230133	0.00147780	0.00110865	0.00278444
83 AUTO RENT&PAR	0.00757419	0.00224215	0.00261287	0.00249404	0.00152491	0.00112758	0.00288355
84 MISC REP SERV	0.00283158	0.03033776	0.00343133	0.00408728	0.00196382	0.00148822	0.00335735
85 PHYS&DENTIST	0.01077102	0.01012003	0.01277063	0.01183176	0.00677247	0.00548733	0.01433055
86 HOSPITAL&LAB	0.00770386	0.00724476	0.00915769	0.00848381	0.00485330	0.00393061	0.01027882
87 OTHER MEDICAL	0.00102819	0.00096691	0.00122216	0.00113225	0.00064771	0.00052458	0.00137177
88 EL&SEC SCHOOL	0.04182007	0.03880373	0.04606717	0.04395271	0.02493756	0.02094554	0.05043267
89 COLLEGE&UNIV	1.00971975	0.00970531	0.01117264	0.01088462	0.00598148	0.00500205	0.01202731
90 OTHER EDUCATE	0.00060586	1.00056978	0.00072024	0.00066723	0.00038170	0.00030912	0.00080843
91 ACCT&AUD&BOOK	0.00614163	0.00888642	1.00636934	0.01229983	0.00401292	0.00396782	0.00705037
92 OTHER PRO SER	0.00040621	0.00028920	0.00036616	1.24818980	0.00031512	0.00017820	0.00039287
93 OTHER SERVICE	0.00379491	0.00561777	0.01147229	0.00743287	1.00218882	0.00090638	0.00163411
94 ORDNANCE	0	0	0	0	0	1.00000000	0
95 HOUSEHOLDS	1.01641731	0.95588809	1.20831470	1.11938257	0.64035193	0.51859709	1.35626359
TOTAL	2.86125271	2.56255202	2.88497516	3.05858866	2.14020186	2.18801607	2.02976995