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Corn Movements in the United States

Interregional Flow Patterns
and Transportation Requirements in 1977

Lowell D. Hill, Mack N. Leath, and Stephen W. Fuller

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North Central Regional Research Bulletin 275
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Agricultural Experiment Station
College of Agriculture
University of Illinois at Urbana-Champaign

ABSTRACT

The marketing of corn in the U.S. involves complex interregional grain movements. Moving the crop from the area of concentrated production to points where it is used or exported requires a large transportation capacity. To provide a basis for policy and investment decisions, detailed information on corn movements during 1977 was collected from 3,500 grain merchandising, processing, and exporting firms in 41 states. Survey data on receipts and shipments for each state or substate area were expanded to represent total volumes for those areas and were verified by comparison with information from secondary sources. The data, which represent the most comprehensive and accurate information available on corn movements, are presented and summarized in this bulletin.

Keywords: Grain flows, grain shipping, grain transportation, interregional analysis, corn, corn marketing

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Agricultural Experiment Stations of Alabama, Arkansas, California, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Wisconsin, and the United States Department of Agriculture cooperating.

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* Voting member and project leader for the participating organization.

Preface

The research reported in this bulletin is the first effort ever made to survey grain shippers and receivers nationwide; it is the most comprehensive study of grain movements ever conducted. Members of the technical committees, including representatives of Agricultural Experiment Stations in 25 states, assisted in conducting an industry survey to collect flow data for wheat, corn, soybeans, sorghum, oats, barley, and rye. In addition, surveys were conducted in 16 other states through contracts with 15 universities located in those states. The industry surveys were coordinated by Lowell D. Hill, Department of Agricultural Economics, University of Illinois at Urbana-Champaign. The data were tabulated and summarized under the supervision of Mack N. Leath, Economics and Statistics Service, U.S. Department of Agriculture. The success of this research project is due to the cooperation of thousands of grain marketing firms and the efforts of researchers in the many participating states.

The research was funded in part through contract DACW 72-78-C-0005 with the Institute of Water Resources, U.S. Army Corps of Engineers. Supplemental support was provided by the Federal Railroad Administration of the U.S. Department of Transportation, the Maritime Administration of the U.S. Department of Commerce, and the St. Lawrence Seaway Development Corporation. Administration of grant funds was coordinated by Lowell D. Hill, University of Illinois at Urbana-Champaign.

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INTRODUCTION

Information about the origin and destination of grain produced in the United States and about the modes of transportation used to convey it is important for many policy and investment decisions. Although data on the quantities of grains shipped abroad for each port are available and statistics on the amount of grain shipped on inland waterways are published annually, little information has been available that could be used to match origins with destinations and to identify the mode of transportation used.

Through personal interviews with over 3,500 grain merchandisers, processors, and exporters through-

out the United States, data on origins, destinations, and transport modes have now been assembled for corn, wheat, soybeans, sorghum, oats, barley, and rye. This publication summarizes the data for corn. Other publications in this series provide similar information for the other grains.

The large volume of corn that must be transported is the result of a highly concentrated production area and a large export demand channeled primarily through two major port areas. As shown in Figure 1, the production of corn is concentrated in the eight states of Illinois, Indiana, Iowa, Ohio, Minnesota, Michigan, Nebraska, and Wisconsin. In 1977 these states accounted for 78 percent of the total U.S. corn production of over 6 billion bushels. Nearly 60 percent of that total entered commercial market

Figure 1. Corn harvested for all purposes, 1974.

1 Dot = 5,000 Acres

U.S. Department of Commerce
Bureau of the Census

channels and required some form of transportation (Table 1).

Corn is widely used as an animal feed and, to a lesser extent, for human consumption, for industrial products such as starch and alcohol, and for seed (Table 2). The proportion of total production used for livestock feed has declined from 86 percent in 1970–71 to 56 percent in 1979–80. This decline has been offset by a 364 percent increase in exports and a 55 percent (218-million-bushel) increase in food and industrial use. One effect of these changes, especially the increase in exports, has been an increased demand for transportation and marketing services. These changes in demand influence the destination and mode of transportation selected by the shippers.

PURPOSE OF STUDY

Analysis of grain flow patterns can reveal the geographical nature of grain markets and the types of transportation services required by the grain industry. This information is useful to grain firms in identifying additional marketing opportunities and in making decisions about where to locate new handling, storage, and processing facilities. Of equal importance is the value of this information to those who set federal and state transportation policies. The formulation of rational grain transportation policies depends upon knowledge of existing grain flows and associated transportation modes. In many situations, firms or public agencies make decisions affecting the production, storage, and transportation of grain without adequate information about grain distribution patterns and the demands that those decisions will place on the various transportation modes. The objectives of this study were:

1. To determine the volume of corn moving between various origins and destinations
2. To determine the extent to which the various transportation modes are employed in the movement of corn in the U.S.

METHODOLOGY

For the purpose of this study, the United States was divided into 132 numbered regions and 31 ports, as shown in Figure 2. Data for the 31 ports were aggregated into 13 port areas located in four major export regions. The specific ports included in each port area are listed with their identifying numbers in Table 3. Corn flow data were collected for the 1977 calendar year primarily through personal interviews with representatives of grain handling,

storage, and processing firms in 41 states. The firms from which data were obtained included country elevators, inland terminal elevators, river terminal

Table 1. Production, Farm Use, and Sales by State for the 1977 Corn Crop

State	Corn produced	Amount used on farms where produced	Amount sold
<i>thousands of bushels</i>			
Alabama	10,875	5,872	5,003
Arizona	5,000	250	4,750
Arkansas	2,279	1,527	752
California	28,652	2,006	26,646
Colorado	80,620	13,705	66,915
Delaware	10,360	3,108	7,252
Florida	10,465	5,442	5,023
Georgia	24,000	11,280	12,720
Idaho	2,408	795	1,613
Illinois	1,163,400	325,752	837,648
Indiana	633,420	202,694	430,726
Iowa	1,092,200	535,178	557,022
Kansas	161,280	49,997	111,283
Kentucky	132,300	54,243	78,057
Louisiana	3,380	2,434	946
Maryland	43,200	15,120	28,080
Michigan	197,200	63,104	134,906
Minnesota	600,000	276,000	324,000
Mississippi	5,760	4,954	806
Missouri	201,400	116,812	84,588
Montana	748	583	165
Nebraska	648,450	233,422	415,008
New Jersey	6,650	1,995	4,655
New Mexico	10,260	1,231	9,029
New York	51,200	29,184	22,016
North Carolina	88,740	31,946	56,794
North Dakota	17,301	6,228	11,073
Ohio	380,100	136,836	243,264
Oklahoma	7,790	2,804	4,986
Oregon	1,140	513	627
Pennsylvania	106,720	62,965	43,755
South Carolina	24,840	6,955	17,885
South Dakota	126,850	67,230	59,620
Tennessee	47,450	25,623	21,827
Texas	161,700	27,489	134,211
Utah	1,157	393	764
Virginia	30,800	16,324	14,476
Washington	7,616	1,142	6,474
West Virginia	3,996	3,357	639
Wisconsin	291,200	165,984	125,216
Wyoming	2,550	1,530	1,020
U.S. total	6,425,457	2,514,027	3,911,430

Source: *Field Crops: Production, Disposition, Value, 1977-1978*, Economics and Statistics Service, U.S. Department of Agriculture, CrPr 1 (79) (April 11, 1979), p. 6.

Table 2. Corn Supply and Disappearance in the United States for Marketing Years from 1970-71 to 1979-80

Marketing year ^a	Supply				Disappearance			
	Beginning stocks	Production	Imports	Total	Food, seed, and alcohol	Feed	Exports	Total
<i>millions of bushels</i>								
1970-71	1,005	4,152	4	5,161	396	3,581	517	4,494
1971-72	667	5,641	1	6,309	409	3,978	796	5,183
1972-73	1,126	5,573	1	6,700	423	4,310	1,258	5,991
1973-74	709	5,647	1	6,357	438	4,193	1,243	5,874
1974-75	483	4,651	2	5,136	450	3,178	1,149	4,777
1975-76	361	5,829	2	6,192	490	3,592	1,711	5,793
1976-77	399	6,266	3	6,668	513	3,587	1,684	5,784
1977-78	884	6,426	3	7,312	551	3,710	1,948	6,208
1978-79	1,104	7,087	1	8,191	575	4,198	2,133	6,906
1979-80 ^b	1,286	7,764	1	9,051	614	4,350	2,400	7,364

^a Beginning October 1.^b Preliminary data.Source: *Feed Situation*, Economics and Statistics Service, U.S. Department of Agriculture (various issues).

elevators, feed manufacturers, export elevators, commercial feedlots, and processors. A representative from each state's Agricultural Experiment Station was responsible for drawing the sample and conducting the interviews.

The sampling of inland grain elevators in each state was carried out by listing the elevators in descending order of storage capacity. Starting with the largest, elevators were added to the sample until the total of their storage capacities was equal to at least 25 percent of the inland elevator storage capacity in that state. Not less than 10 percent of the remaining elevators were then selected at random. For river elevators the procedure was simpler: a minimum of 50 percent of the elevators were selected by random sampling.

Feed manufacturing firms in each state were arrayed on the basis of their production capacity. Starting with the largest, feed firms on the list were added to the sample until the total of their production capacities equalled or exceeded 10 percent of the total feed manufacturing capacity in the state. Ten percent or more of the remaining firms were then selected at random and included in the sample. All exporters and processors were included in the interviews.* Data based on random samples were expanded in proportion to the sampling rate to convert the data into estimates for the entire region or state.

The same types of information were gathered from all of the grain handlers and processors interviewed. Each firm was asked to identify the volume of grain that it received from each region and the volume that moved by each mode of transportation.

The firms were also asked to identify each region or port area for which their shipments were destined and the quantity shipped by each mode.

Experiment Station representatives verified the accuracy of the data collected, expanded the sample data to state totals, and delivered the summary data for each grain and for every substate region to the U.S. Department of Agriculture for processing. As receivers' and shippers' data were tabulated, the Experiment Station representative in each state checked any discrepancies to identify potential data errors and to arrive at a single number for each origin-destination pair. Insofar as possible, the state representative checked data to ascertain that they were consistent and logical.

VERIFICATION OF DATA

The accuracy of the data on the volume of corn shipped between the various origins and destinations by each mode of transportation was verified by several direct and indirect comparisons with data from other sources. One indirect check was made by adding receipts to the surplus or deficit[†] to obtain the supply available for shipment from each state. Exact correspondence between the supply and reported shipments was not expected since

* Only one major processor did not provide data for the study. Data on receipts by that firm were estimated from information furnished by shippers.

† The surplus or deficit for each state was calculated by adding the 1977 production to the stocks in all positions as of January 1, 1977, then subtracting the amount used for livestock, processors, and seed and deducting the stocks in all positions as of January 1, 1978.

Table 3. Export Regions, Port Areas, and the Ports Included in Each Area

Export region and port area ^a		Ports included in the general area	
Area number	Export area	Port number	Port city
Great Lakes Region			
7101	Duluth-Superior	2750	Duluth, MN Superior, WI
7102	Chicago	2164 2165 2166 2246	Milwaukee, WI Manitowoc, WI Racine, WI Chicago, IL
7103	Toledo	1845 0751	Toledo, OH Huron, OH Erie, PA Buffalo, NY
7104	Saginaw	2067 2068	Carrollton, MI Saginaw, MI Zilwaukee, MI Detroit, MI
Atlantic Region			
7201	North Atlantic	0101 0755 0958	Portland, ME Albany, NY Philadelphia, PA
7202	South Atlantic	1122 1224 1544	Baltimore, MD Norfolk, VA North Charleston, SC
Gulf Region			
7301	East Gulf	2570 2641	Pascagoula, MS Mobile, AL
7302	Louisiana Gulf	3149 3169	Mississippi River Lake Charles, LA
7303	North Texas Gulf	3742	Beaumont, TX Port Arthur, TX Houston, TX Galveston, TX
7304	South Texas Gulf	3759 3760	Brownsville, TX Corpus Christi, TX
Pacific Region			
7401	Columbia River	4562 4652 4663	Kalama, WA Longview, WA Vancouver, WA Portland, OR Astoria, OR
7402	Puget Sound	4547	Seattle, WA Tacoma, WA
7403	California Ports	4753 4754 4755 4756 4757	Sacramento, CA Stockton, CA Long Beach, CA San Francisco, CA San Diego, CA

^a These port areas will be used in this report to avoid disclosure of data from individual firms.

the data on corn consumption by livestock and processors were based on estimates. Any major discrepancies, however, were investigated to verify that they did not indicate significant errors in the survey data.

A second check on total volume was made by comparing total receipts at each port with official data on inspections for export as published by the Market News Service of the U.S. Department of Agriculture (Table 4). Because there were few opportunities for either set of data to miss significant volumes, these numbers compared very closely. Discrepancies between receipts and exports at some of the port areas were explained by shipments to domestic destinations from export elevators, ship-

Table 4. Comparison of 1977 Corn Receipts, Shipments, and Inspections for Export at Various Port Areas

Port area ^a	Quantities determined by survey		Quantities based on inspections for export ^c
	Receipts ^b	Exports	
<i>thousands of bushels</i>			
Great Lakes Region			
Duluth-Superior ..	6,186	5,599	5,526
Chicago	118,851	52,083	48,403
Toledo	84,793	84,933	84,933
Saginaw	3,595	3,576	3,576
Subtotal	213,425	146,191	142,438
Atlantic Region			
North Atlantic	53,450	56,935	58,836
South Atlantic	329,350	273,802	299,087
Subtotal	382,800	330,737	357,923
Gulf Region			
East Gulf	20,984	22,320	19,035
Louisiana Gulf ...	1,004,562	953,982	950,527
North Texas Gulf .	89,595	91,908	91,766
South Texas Gulf	655	0	380
Subtotal	1,115,796	1,068,210	1,061,708
Pacific Region			
Columbia River ...	2,883	69	0
Puget Sound	8,477	18	0
California	16,055	13,947	14,755
Subtotal	27,415	14,034	14,755
Total	1,739,436	1,559,172	1,576,824

^a See Table 3 for identification of the port cities included in each port area.

^b Receipts exceeded exports in many ports because of domestic shipments, processing within the port area, and changes in inventory.

^c Inspections for export conducted under the United States Grain Standards Act and reported in *Grain Market News*, Agricultural Marketing Service, U.S. Department of Agriculture, Vol. 26, No. 2 (January 13, 1978), p. 18.

ments to processing plants located in the port area, and changes in inventory.

Supplemental information about grain shipments on inland waterways was provided by the U.S. Army Corps of Engineers. Since these data were based on the actual bill of lading for each shipment, they were, in principle, a complete census of all barge shipments. As Table 5 shows, the survey data and the Corps data on state-to-state shipments on inland waterways correspond closely. Differences between the two sets of data can be explained by (1) a significant number of shipments for which the origins and destinations are noted as "unknown" in the Corps data, (2) changes in the destination of a barge after it left the loading dock, (3) incomplete

Table 5. Comparison of 1977 Waterway Movements of Corn in the U.S. as Reported by Survey Respondents and the U.S. Army Corps of Engineers

Originating state	Destination state ^a	Survey results	Corps of Engineers data
<i>thousands of bushels</i>			
Alabama	Ala., Miss., & Tenn.	3,058	2,380
	Subtotal	3,058	2,380
Illinois	Ala., Miss., & Tenn.	19,772	19,395
	Arkansas	0	45
	Florida	1,700	1,812
	Illinois	4,196	2,324
	Iowa	0	56
	Louisiana	504,766	477,484
	Missouri	0	166
	West Virginia	0	46
	Unknown ^b	0	7,120
	Subtotal	530,434	508,484
Indiana	Ala., Miss., & Tenn.	9,424	558
	Indiana	0	52
	Louisiana	15,790	28,004
	Unknown	0	101
	Subtotal	25,214	28,715
Iowa	Ala., Miss., & Tenn.	442	2,607
	Illinois	0	106
	Iowa	0	53
	Louisiana	156,449	98,051
	Unknown	0	1,827
	Subtotal	156,891	102,644
Kentucky	Ala., Miss., & Tenn.	2,690	1,263
	Illinois	0	287
	Louisiana	43,640	32,624
	Unknown	0	755
	Subtotal	46,330	34,929
Louisiana	Ala., Miss., & Tenn.	0	1,230
	Florida	50	0

Table 5 — Continued

Originating state	Destination state ^a	Survey results	Corps of Engineers data
<i>thousands of bushels</i>			
Louisiana, cont.	Illinois	0	269
	Iowa	0	160
	Louisiana	0	1,239
	Missouri	0	21
	N.J., N.Y., & Penn.	0	1
	Subtotal	50	2,920
Minnesota	Ala., Miss., & Tenn.	1,175	1,073
	Arkansas	0	46
	Iowa	0	95
	Louisiana	75,398	69,069
	Unknown	0	3,160
	Subtotal	76,573	73,443
Missouri	Ala., Miss., & Tenn.	2,350	625
	Louisiana	28,806	29,464
	Unknown	0	841
	Subtotal	31,156	30,930
North Carolina	Delaware	0	43
	Virginia	2,348	1,935
	Subtotal	2,348	1,978
Ohio	Ala., Miss., & Tenn.	2,574	2,426
	Kentucky	0	45
	Louisiana	28,230	30,836
	Ohio	0	58
	Subtotal	30,804	33,365
Tennessee	Kentucky	0	34
	Louisiana	2,231	2,353
	Unknown	0	260
	Subtotal	2,231	2,647
Virginia	Maryland & Virginia	2,088	2,543
	Unknown	0	24,297
	Subtotal	2,088	26,840
Wisconsin	Ala., Miss., & Tenn.	0	265
	Louisiana	3,350	2,649
	Subtotal	3,350	2,914
Other States ^c	All States	3,320	3,658
Other States	Unknown	0	5,322
Unknown	Unknown	0	904
	Subtotal	3,320	9,884
U.S. total		913,847	862,073

^a Data for some states were combined to avoid disclosure of volumes handled by individual firms.

^b Corps of Engineers data tapes listed some origins and destinations as unknown. Much of the unknown data represented vessel loadings for export and insofar as possible were deleted from the "unknown" rows shown in this table.

^c Data for all originating states with total barge shipments of less than 2 million bushels have been combined into the "other states" category.

reporting of loadings to the Corps of Engineers, and (4) reporting errors by survey respondents. The Corps data underreport the survey results by 5.7 percent for the entire U.S. The greatest discrepancies are in the data for Iowa and Illinois, where all river elevators were included in the survey. Allocation of the "unknown" destinations and origins reduces this discrepancy.

The last method of validation provides important insight into data available from the U.S. Department of Transportation that are based on a 1 percent sample of all rail bills of lading. Shipment and receipt data were summarized into state totals and then compared with the rail shipments reported by survey respondents (Table 6). There are some similarities, but there are also many major differences. These discrepancies appear to be greatest for cases where unit trains account for a large share of the shipments between states, and they appear to be smallest where single-car shipments predominate. For example, the survey data on Illinois shipments to Louisiana exceeded the quantities determined from waybill statistics by a factor of 10, whereas the two sources of data on shipments to Pennsylvania, Wisconsin, and Arkansas corresponded quite closely. Additional analysis of both data sets led to the conclusion that there are serious sampling errors in the 1 percent waybill statistics and that those data should therefore be used with caution, especially where grain is known to move under unit train rates.

The comparisons between various data sources increase the confidence in the accuracy of estimates derived from sampling a less than perfectly identified population. The logic of each flow reported in these tables has been checked by the university person that organized the survey in each state. Where internal inconsistencies were found, the data and the sampling rates were adjusted with assistance from grain specialists and industry personnel in the state. The flow estimates presented in the following sections represent the best information available on the actual volume of corn transported between the regions of the United States.

OVERVIEW OF MOVEMENTS

This section summarizes selected data and presents an overview of corn movement patterns. Detailed data on receipts and shipments for each area are presented in the last section of this bulletin.

Shipments and Receipts by State

In 1977, grain marketing firms in the United States reported shipping approximately 6.7 billion bushels

Table 6. Comparison of 1977 Rail Movements of Corn as Reported by Survey Respondents and as Estimated from the 1 Percent Waybill Sample

Originating state	Destination state ^a	Survey data	Waybill data	Originating state	Destination state ^a	Survey data	Waybill data
<i>thousands of bushels</i>				<i>thousands of bushels</i>			
Alabama	Alabama & Mississippi	1,363	757	Illinois, cont.	Kentucky	1,205	0
	Florida	0	261		Louisiana	99,712	9,493
	Georgia	0	3,077		Maine	443	0
	Tennessee	0	211		Maryland & Virginia	32,052	10,882
	Subtotal	1,363	4,306		Missouri	527	0
Arkansas	Arkansas	16,040	0	Indiana	New Jersey, New York, & Pennsylvania	7,251	5,976
	Georgia	60	0		North Carolina	2,408	0
	Subtotal	16,100	0		South Carolina	98	0
Colorado	Arizona	0	339		Tennessee	8,996	3,070
	California	6,268	7,529		Texas	1,062	689
	Colorado	89	0		Vermont	849	0
	Connecticut	0	361		Wisconsin	1,757	2,160
	Oklahoma	14	0		Subtotal	290,689	143,325
	Texas	15	0		Alabama & Mississippi	17,552	21,492
	Utah	972	1,767		Connecticut	1,901	0
	Washington	0	339		Florida	6,887	8,150
	Subtotal	7,358	10,335		Georgia	30,572	26,904
Florida	Alabama & Mississippi	651	268		Illinois	25,674	5,276
	Florida	3,976	871		Indiana	2,102	4,502
	Subtotal	4,627	1,139		Kentucky	2,050	0
Georgia	Alabama & Mississippi	817	1,282		Louisiana	4,403	1,410
	Florida	4,246	5,705		Maine	625	346
	Georgia	575	1,146		Massachusetts	56	0
	Louisiana	176	0		Maryland & Virginia	150,224	90,153
	South Carolina	476	0		Missouri	805	0
	Subtotal	6,290	8,132		New Jersey, New York, & Pennsylvania	26,610	18,903
Iowa	Alabama & Mississippi	1,137	1,264		North Carolina	8,150	4,255
	Arkansas	18,926	8,468		Ohio	0	732
	California	1,620	371		South Carolina	290	0
	Georgia	815	0		Tennessee	9,500	9,746
	Illinois	15,804	16,975		Texas	525	693
	Iowa	35,720	110,238		Subtotal	287,926	192,562
	Kansas	2,158	1,642	Kansas	Alabama & Mississippi	188	0
	Louisiana	38,277	15,619		Arkansas	10,698	4,013
	Minnesota	247	2,231		Arizona	1,534	1,035
	Missouri	13,207	11,731		California	1,611	5,209
	Nebraska	800	2,213		Colorado	234	2,799
	Oklahoma	407	3,052		Kansas	16,516	1,710
	Texas	64,474	36,603		Louisiana	3,091	332
	Washington	4,428	0		Missouri	1,822	2,024
	Wisconsin	8,434	4,470		Nebraska	71	0
	Subtotal	206,454	214,877		Oklahoma	1,773	336
Illinois	Alabama & Mississippi	54,179	32,291		Oregon	147	0
	Arkansas	6,441	5,255		Tennessee	1,289	268
	Connecticut	368	0		Texas	5,319	2,617
	Florida	773	1,988		Subtotal	44,293	20,342
	Georgia	27,486	17,161	Kentucky	Alabama & Mississippi	7,226	10,935
	Illinois	41,398	50,880		Florida	1,188	1,878
	Indiana	3,559	2,046		Georgia	7,800	7,622
	Iowa	125	1,435				

^a Data for some states were combined to avoid possible disclosure of individual firms' data.

Table 6 — Continued

Originating state	Destination state ^a	Survey data	Waybill data	Originating state	Destination state ^a	Survey data	Waybill data
<i>thousands of bushels</i>				<i>thousands of bushels</i>			
Kentucky, cont.	Kentucky	6,176	0	North Dakota	Minnesota	383	0
	Maryland & Virginia	45	1,599		Missouri	527	0
	Missouri	102	0		Oregon	0	1,778
	North Carolina	3,701	1,803		Utah	500	0
	South Carolina	140	1,014		Wisconsin	4,867	211
	Tennessee	7,098	3,731		Wyoming	500	0
	West Virginia	302	0		Subtotal	6,777	1,989
	Subtotal	33,778	28,581	Nebraska	Alabama & Mississippi	3,638	0
Michigan	Connecticut	4,003	1,057		Arkansas	26,533	13,880
	Maine	8,658	4,188		Arizona	1,543	3,156
	Maryland & Virginia	14,122	9,882		California	74,949	24,055
	Massachusetts	302	4,088		Colorado	35,619	29,645
	New Jersey, New York, & Pennsylvania	6,090	1,303		Iowa	2,848	7,579
	Vermont	1,920	2,028		Kansas	17,596	9,289
	Subtotal	35,095	22,545		Louisiana	935	7,658
Minnesota	Alabama & Mississippi	25	0		Minnesota	206	0
	Illinois	0	339		Missouri	9,142	23,937
	Iowa	231	671		Nebraska	55,647	18,361
	Louisiana	23,484	1,135		Nevada	162	357
	Michigan	19	0		Oklahoma	725	3,124
	Minnesota	37,709	20,328		Oregon	2,647	3,095
	North Dakota	1,496	0		Tennessee	3	0
	Oregon	3,971	343		Texas	22,357	32,937
	South Dakota	208	0		Utah	2,351	0
	Texas	3,256	1,235		Washington	9,235	6,276
	Washington	0	643		Subtotal	266,136	183,349
	Wisconsin	372	4,734	New York	Connecticut	0	211
	Subtotal	70,771	29,428		Maine	1,666	339
Missouri	Alabama & Mississippi	2,621	0		Massachusetts	82	0
	Arkansas	16,713	11,206		New Hampshire	86	361
	California	245	353		New Jersey, New York, & Pennsylvania	385	436
	Illinois	43	0		Vermont	297	0
	Iowa	98	0		Subtotal	2,516	1,346
	Kansas	3,171	2,260	Ohio	Alabama & Mississippi	11	0
	Kentucky	438	0		Connecticut	2,962	2,096
	Louisiana	173	1,121		Georgia	5,000	2,345
	Missouri	12,767	6,937		Maine	1,934	2,395
	Nebraska	0	200		Maryland & Virginia	91,443	64,285
	New Mexico	636	0		North Carolina	12,147	11,292
	Oklahoma	524	1,017		New Jersey, New York, & Pennsylvania	32,940	39,944
	Tennessee	372	0		Ohio	6,335	2,445
	Texas	4,936	6,862		South Carolina	14,828	5,551
	Subtotal	42,737	29,956		Tennessee	919	0
Mississippi	Mississippi	1,775	1,085		Vermont	1,022	1,353
	Subtotal	1,775	1,085		West Virginia	1,899	0
North Carolina	Florida	709	2,078		Subtotal	171,440	131,708
	Georgia	0	182	Pennsylvania	Connecticut	0	618
	Maryland & Virginia	1,904	3,420		Maine	28	0
	North Carolina	4,067	7,697		New Hampshire	78	0
	South Carolina	4	0		New Jersey, New York, & Pennsylvania	97	1,971
	Subtotal	6,684	13,377				

Table 6 — Continued

Originating state	Destination state ^a	Survey data	Waybill data	Originating state	Destination state ^a	Survey data	Waybill data
<i>thousands of bushels</i>				<i>thousands of bushels</i>			
Penn., cont.	Vermont	88	0		Tennessee	763	1,396
	Subtotal	291	2,588		Subtotal	3,747	10,257
South	Florida	540	3,659	Texas	California	10,656	3,848
Carolina	Georgia	111	0		Kansas	101	0
	Maryland & Virginia	805	1,521		Kentucky	0	357
	North Carolina	36	0		Mississippi	68	0
	South Carolina	1,230	0		Ohio	0	353
	West Virginia	80	0		Pennsylvania	0	707
	Subtotal	2,802	5,180		Texas	28,599	27,068
South	Iowa	107	339		Washington	0	625
Dakota	Kansas	40	221		Subtotal	39,424	32,958
	Minnesota	1,141	0	Wisconsin	Illinois	2,081	1,428
	Nebraska	92	571		Indiana	500	0
	Oregon	386	0		Iowa	17	0
	Texas	383	557		Minnesota	271	0
	Washington	136	343		New York	0	132
	Wisconsin	0	350		Pennsylvania	48	0
	Subtotal	2,285	2,381		Wisconsin	5,288	3,027
Tennessee	Alabama	0	2,171		Subtotal	8,205	4,587
	Florida	51	546	Other ^b	All	2,095	6,494
	Georgia	1,200	557				
	Mississippi	1,733	5,587	U.S. total		1,545,558	1,102,827

^b States originating less than 1 million bushels by rail were combined into the "other" category.

of corn including exports. Much of this total amount is accounted for by the same grain being shipped in sequence by several firms. About 37 percent of the amount shipped moved to destinations within the state in which it originated. These intrastate shipments for each state and mode of transportation are summarized in Table 7. Trucks were the predominant mode of transportation, accounting for 75 percent of the total intrastate shipment volume. Rail shipments accounted for 11.2 percent of the total, and 13.4 percent moved to local farmers. Less than 1 percent of the corn shipped within state boundaries was conveyed by barge. If only commercial shipments are considered (eliminating farm truck) the modal splits are: rail, 12.9 percent; truck, 66.4 percent; and barge, 4.3 percent. A sizeable portion of the intrastate movements consisted of shipments from country elevators to terminal elevators for storage and reshipment. Movements within the state of Illinois accounted for more than one-fourth of the total volume of intrastate shipments in the U.S. Sizeable movements also occurred in Iowa and Minnesota.

In contrast to intrastate movements, the predominant mode of transportation used for interstate shipments was the railroad, which carried 1.3 billion

bushels or 49.0 percent of the total volume (Table 8). Over half of the rail shipments in the United States originated in Illinois, Indiana, and Nebraska. A large portion of the Indiana rail shipments moved to ports on the East Coast. The southeastern feed markets were a secondary destination. For Illinois, the Gulf ports were the principal destinations, but significant quantities went to the East Coast and to the southeastern feed markets. California was a principal recipient of Nebraska's rail shipments, although the Arkansas feed market and the Texas ports were also important destinations for those shipments.

Interstate truck shipments originating in Indiana and Iowa accounted for more than one-third of the total volume shipped across state lines by truck. Most of these shipments moved short distances to the neighboring states of Illinois, Minnesota, and Missouri, where some were delivered to feed processors and others were reshipped to export points. Truck shipments from Illinois to out-of-state destinations totalled only 41 million bushels. Rates for moving grain over long distances by truck are higher than those for shipping it by rail or barge.

Barges carried 34.7 percent of the corn shipped across state lines; Illinois originated 58 percent of

the total volume shipped in the U.S. by barge. Nearly all corn shipped by water, regardless of the state in which it originated, was destined for export.

The volume of corn received in each state from other states is shown in Table 9. Port areas were the predominant destinations. About half of the corn received in those areas arrived by rail and half by barge. The large volume of rail and truck shipments received by Illinois firms indicates the state's importance as an assembly and reshipment point.

Movements to Ports

Table 10 shows the amount of corn that moved to port locations from each of the originating states by the various modes of transportation. The Gulf region received the largest volume of corn, accounting for over one-half of the total received by all ports. Most of this volume (77.6 percent) moved by water from midwestern origins. Twenty-two percent of the corn shipped to the Gulf ports went by rail. Illinois and Iowa were the states that shipped the greatest amount of grain for export, although

Table 7. 1977 Intrastate Shipments of Corn for Each State and Mode of Transportation

Originating state	Mode of transportation				Total
	Rail	Truck	Barge	Farm truck ^a	
thousands of bushels					
Alabama	1,318	12,946	3,008	3,595	20,867
Arizona	151	2,505	0	0	2,656
Arkansas	16,040	5,083	0	86	21,209
California	173	21,117	0	0	21,290
Colorado	89	7,532	0	0	7,621
Delaware	0	7,448	0	0	7,448
Florida	3,976	2,204	0	120	6,300
Georgia	575	25,569	0	11,210	37,354
Illinois	41,398	573,365	4,196	20,730	639,689
Indiana	2,102	174,806	0	1,860	178,768
Iowa	35,720	258,777	0	205,135	499,632
Kansas	16,516	34,951	0	0	51,467
Kentucky	6,176	5,637	0	0	11,813
Louisiana	0	4,790	0	0	4,790
Maryland	0	14,568	71	0	14,639
Michigan	0	17,445	0	0	17,445
Minnesota	37,709	181,883	0	38,160	257,752
Mississippi	1,775	2,003	0	497	4,275
Missouri	12,767	36,431	0	0	49,198
Nebraska	55,647	141,071	0	41,579	238,297
New York	293	712	0	150	1,155
North Carolina	4,067	48,841	0	0	52,908
Ohio	6,335	117,003	0	0	123,338
Pennsylvania	0	34,598	0	0	34,598
South Carolina	1,230	5,662	0	3,422	10,314
Tennessee	763	10,267	0	2,114	13,144
Texas	28,599	104,514	0	0	133,113
Vermont	0	0	0	4	4
Virginia	95	283	1,970	2,268	4,616
Wisconsin	5,288	15,757	0	2,341	23,386
Wyoming	0	0	0	45	45
Total volume	278,802	1,867,768	9,245	333,316	2,489,131
Percentage of total volume	11.2	75.0	0.4	13.4	100.0

Note: These data include shipments to port cities within the state but not exports to destinations outside the United States.

^a This column reports sales by elevators to farmers within the state. Not all states included farm sales in their survey responses, so these data are incomplete and underestimate total shipments to farmers.

Minnesota and Nebraska also shipped significant amounts to the Gulf by rail. The amount of corn received by truck in the export regions is not a very significant factor in the total pattern, but truck transportation to ports is of importance for some local sources such as Alabama and Texas.

The Atlantic ports are supplied primarily by rail shipments from the eastern corn belt states of Indiana and Ohio. Over 88 percent of the corn received by Atlantic ports moved by rail; 82 percent of that

amount originated in Indiana and Ohio. Trucks also play an important role in moving corn from states such as North and South Carolina to the Atlantic export region.

Ports along the Great Lakes are supplied primarily (75 percent) by truck shipments originating in states adjacent to the lakes. Receipts of rail shipments originating in Illinois are of equal importance with truck shipments; in Minnesota truck shipments predominate. The Pacific export region

Table 8. 1977 Interstate Shipments of Corn for Each State and Mode of Transportation

Originating state	Mode of transportation				Total
	Rail	Truck	Barge	Farm truck ^a	
thousands of bushels					
Alabama	45	1,186	50	0	1,281
Arkansas	60	0	0	0	60
Colorado	7,269	2,053	0	0	9,322
Delaware	0	4,885	1,307	0	6,192
Florida	651	421	117	0	1,189
Georgia	5,715	3,710	0	0	9,425
Illinois	249,291	41,095	526,238	0	816,624
Indiana	285,824	76,648	25,214	217	387,903
Iowa	170,734	91,359	156,891	5,663	424,647
Kansas	27,777	7,443	0	0	35,220
Kentucky	27,602	7,626	46,330	0	81,558
Louisiana	624	118	50	0	792
Maryland	161	7,173	0	0	7,334
Michigan	35,095	31,653	0	0	66,748
Minnesota	33,062	16,514	76,573	380	126,529
Mississippi	0	1,788	0	0	1,788
Missouri	23,970	7,208	31,156	0	62,334
Nebraska	210,489	26,670	1,825	18,447	257,431
New Jersey	0	2,890	0	0	2,890
New Mexico	0	312	0	0	312
New York	2,223	1,511	0	0	3,734
North Carolina	2,617	17,755	2,348	0	22,720
North Dakota	6,777	124	0	0	6,901
Ohio	165,105	9,666	30,804	0	205,575
Oklahoma	92	785	0	0	877
Pennsylvania	291	3,810	0	0	4,101
South Carolina	1,572	1,011	0	44	2,627
South Dakota	2,285	4,337	0	0	6,622
Tennessee	2,984	1,903	2,231	0	7,118
Texas	10,825	776	0	0	11,601
Virginia	1,423	1,542	118	0	3,083
Wisconsin	2,917	24,738	3,350	51	31,056
Total volume	1,277,480	398,710	904,602	24,802	2,605,591
Percentage of total volume	49.0	15.3	34.7	1.0	100.0

Note: These data include shipments to port cities but not exports to destinations outside the United States. Exports by states are shown in Table 10.

^a This column reports sales by elevators to farmers in other states. Not all states included farm sales in their survey responses, so these data are incomplete and underestimate total shipments to farmers.

Table 9. 1977 Interstate Receipts of Corn for Each State and Mode of Transportation

Destination state	Mode of transportation				Total
	Rail	Truck	Barge	Farm truck ^a	
	<i>thousands of bushels</i>				
Alabama	52,692	8,112	32,210	0	93,014
Arizona	3,077	751	0	0	3,828
Arkansas	73,311	7,061	0	0	80,372
California	95,349	541	0	0	95,890
Colorado	35,853	2,851	0	0	38,704
Connecticut	9,395	0	0	0	9,395
Delaware	0	7,180	0	2,874	10,054
Florida	14,394	2,245	1,750	0	18,389
Georgia	73,044	2,043	0	806	75,893
Illinois	43,602	95,051	0	9,577	148,230
Indiana	4,059	14,614	0	22,183	40,856
Iowa	3,426	14,105	0	69	17,600
Kansas	23,066	18,298	0	3,402	44,766
Kentucky	3,693	5,667	0	14,000	23,360
Louisiana	170,251	2,890	860,485	0	1,033,626
Maine	13,354	0	0	0	13,354
Maryland	132,487	8,231	212	2,307	143,237
Massachusetts	440	0	0	0	440
Michigan	19	156	0	0	175
Minnesota	2,248	18,913	0	6,096	27,257
Mississippi	37,823	11,846	5,547	0	55,216
Missouri	26,132	18,858	0	0	44,990
Nebraska	963	7,601	0	3,081	11,645
Nevada	162	0	0	0	162
New Hampshire	164	30	0	0	194
New Jersey	377	367	0	0	744
New Mexico	636	0	0	0	636
New York	26,655	377	0	0	27,032
North Carolina	27,865	2,198	0	0	30,063
North Dakota	1,496	1,100	0	0	2,596
Ohio	0	47,282	0	22,110	69,392
Oklahoma	3,443	3,631	0	0	7,074
Oregon	7,151	77	0	0	7,228
Pennsylvania	46,096	10,599	0	2,862	59,557
South Carolina	15,836	1,604	0	91	17,531
South Dakota	208	4,702	0	0	4,910
Tennessee	28,177	13,666	837	639	43,319
Texas	102,419	12,824	0	0	115,243
Utah	3,823	399	0	0	4,222
Vermont	4,176	236	0	166	4,578
Virginia	158,108	16,878	3,561	3,476	182,023
Washington	13,799	0	0	0	13,799
West Virginia	2,281	20	0	0	2,301
Wisconsin	15,430	35,578	0	1,360	52,368
Wyoming	500	128	0	0	628
U.S. total	1,277,480	398,710	904,602	95,099	2,675,891
Percentage of total receipts	47.7	14.9	33.8	3.6	100.0

Note: Receipts at port cities are included in the data for the respective states.

^a This column shows elevator receipts in each state from farmers located in all other states as reported by elevators in the receiving states.

Table 10. 1977 Movements of Corn to Points of Export from Each Originating State by Three Modes of Transportation.

Originating state	Export region	Mode of transportation				Total
		Rail	Truck	Barge	Farm truck	
thousands of bushels						
Alabama	Gulf	0	1,061	2,381	100	3,542
California	West Coast	0	429	0	5,275	5,704
Delaware	Atlantic	0	90	1,307	0	1,397
Florida	Gulf	651	421	117	0	1,189
Georgia	Atlantic	0	215	0	0	215
Illinois	Atlantic	35,805	15	0	0	35,820
	Lake	2,645	23,668	3,665	95	30,073
	Gulf	85,113	403	500,711	0	586,227
Indiana	Atlantic	162,325	1,039	0	0	163,364
	Lake	0	28,335	0	628	28,963
	Gulf	4,658	0	15,790	0	20,448
Iowa	Lake	19,074	13,754	0	0	32,828
	Gulf	97,474	0	156,449	0	253,923
	West Coast	4,388	0	0	0	4,388
Kansas	Gulf	5,663	0	0	0	5,663
	West Coast	92	0	0	0	92
Kentucky	Gulf	2,503	0	44,266	0	46,769
Louisiana	Gulf	0	180	0	0	180
Maryland	Atlantic	0	6,605	71	1,949	8,625
Michigan	Atlantic	19,835	0	0	0	19,835
	Lake	0	29,243	0	5,015	34,258
Minnesota	Lake	4,504	621	0	0	5,125
	Gulf	25,508	0	75,594	0	101,102
Mississippi	Gulf	0	216	0	0	216
Missouri	Gulf	2,099	0	28,450	0	30,549
Nebraska	Gulf	17,910	0	1,825	0	19,735
	West Coast	16,773	0	0	0	16,773
New Jersey	Atlantic	0	2,159	0	0	2,159
New York	Atlantic	0	1,092	0	0	1,092
North Carolina	Atlantic	1,904	16,034	2,348	0	20,286
North Dakota	Lake	208	40	0	0	248
Ohio	Atlantic	114,147	963	0	0	115,110
	Lake	185	45,434	0	3,510	49,129
	Gulf	0	0	28,230	0	28,230
Oklahoma	Gulf	92	5	0	0	97
Pennsylvania	Atlantic	0	2,367	0	0	2,367
South Carolina	Atlantic	1,129	3,225	0	645	4,999
South Dakota	Lake	654	73	0	0	727
	Gulf	383	221	0	0	604
	West Coast	458	0	0	0	458
Tennessee	Gulf	0	0	2,231	0	2,231
Texas	Gulf	1,594	1,837	0	0	3,431
Virginia	Atlantic	0	0	1,611	3,623	5,234
Wisconsin	Lake	4,515	14,706	0	8,461	27,682
	Gulf	0	0	3,350	0	3,350
Great Lakes Ports ..	Lake	3,259	602	531	0	4,392
	Atlantic	2,202	0	0	0	2,202
	Gulf	1,496	0	6,814	0	8,310
Atlantic Ports	Atlantic	0	95	0	0	95
Total receipts		639,246	195,148	875,741	29,301	1,739,436
Percentage of total receipts		36.7	11.2	50.3	1.7	100.0

Note: Shipments between firms within a port area are excluded from these data. Shipments between port areas are shown separately from data for individual states of origin.

received only 22.1 million bushels of corn in 1977 (excluding farm truck deliveries). All but 429,000 bushels of that amount moved by rail. Nebraska originated 76 percent of the total amount of corn that moved to the Pacific region. The pattern of port receipts is illustrated in Figure 3. Each state's share of receipts at all ports combined is shown in Figure 4. These data permit allocation of total exports to the states that originate shipments to port elevators. Export shipments originate from a relatively small number of states. The concentration is much greater than previous estimates have shown. For example, five states originate 84.5 percent of the total corn received at all U.S. port regions. Illinois is the source of 38.2 percent of corn received at all ports and 52.5 percent of the corn moving to the Gulf ports. Iowa ranks second, with 16.8 percent of the receipts at all ports and 22.8 percent of those at Gulf ports. Indiana, which ranks third as a source of receipts at all ports (12.3 percent), accounts for 42.7 percent of the receipts at Atlantic ports, fol-

lowed by Ohio with 30.1 percent. Minnesota is also important in supplying the Gulf ports (9.1 percent) and accounted for 6.1 percent of corn received at U.S. ports in 1977. The estimated amount of corn received at all port areas in 1977 totalled 1.7 billion bushels, compared to 1.6 billion bushels that were inspected for export (Table 11). The remainder of the receipts were processed or reshipped to U.S. destinations. In general, barges were the predominant mode of transportation; they carried more than three-fourths of the corn received at the ports in the Gulf region. However, rail transportation at unit train rates also played a significant role in the movement of corn to the ports, especially to East Coast and West Coast ports.

Destinations for U.S. Exports

Corn shipped from the various origins to a specific port elevator is blended and stored on a commingled basis. Thus it is not possible to trace the movement

Table 11. 1977 Receipts of Corn at Port Areas by Each Mode of Transportation

Export region and port area	Mode of transportation				Total	Inspections for export ^b
	Rail	Truck	Barge	Farm truck ^a		
<i>thousands of bushels</i>						
Great Lakes Region						
Duluth-Superior	5,428	758	0	0	6,186	5,526
Chicago	29,412	76,687	4,196	8,556	118,851	48,403
Toledo	185	75,455	0	9,153	84,793	84,933
Saginaw	19	3,576	0	0	3,595	3,576
Subtotal	35,044	156,476	4,196	17,709	213,425	142,438
Atlantic Region						
North Atlantic	47,990	5,460	0	0	53,450	58,836
South Atlantic	289,357	28,439	5,337	6,217	329,350	299,087
Subtotal	337,347	33,899	5,337	6,217	382,800	357,923
Gulf Region						
East Gulf	11,704	2,101	7,079	100	20,984	19,035
Louisiana Gulf	145,253	180	859,129	0	1,004,562	950,527
North Texas Gulf	87,657	1,938	0	0	89,595	91,766
South Texas Gulf	530	125	0	0	655	380
Subtotal	245,144	4,344	866,208	100	1,115,796	1,061,708
Pacific Region						
Columbia River	2,883	0	0	0	2,883	0
Puget Sound	8,477	0	0	0	8,477	0
California	10,351	429	0	5,275	16,055	14,755
Subtotal	21,711	429	0	5,275	27,415	14,755
Total receipts	639,246	195,148	875,741	29,301	1,739,436	1,576,824
Percentage of total receipts	36.8	11.2	50.3	1.7	100.0	

Note: Shipments between firms within a port area are excluded from these data.

^a This column reports receipts at elevators in each port area delivered directly from farmers.

^b Inspections for export conducted under the United States Grain Standards Act and reported in *Grain Market News*, Agricultural Marketing Service, U.S. Department of Agriculture, Vol. 26, No. 2 (January 13, 1978), p. 18.

Figure 3. Patterns of corn flow to port areas, 1977.

of corn from a particular state through the port system to its final destination, and therefore no attempt was made to determine whether a particular ocean vessel was loaded with, for example, Illinois corn or Iowa corn. It is of interest, however, to examine one more link in the market chain that connects U.S. farmers with foreign feeders and processors. The destination countries for corn exported from the four export regions of the United States are shown in Table 12.

In 1977 the primary destination for corn exported through the Great Lakes was the United Kingdom. Most of the exports from the Atlantic port region went to Western Europe, primarily to Belgium, Spain, Portugal, and the United Kingdom. Corn exported from the Gulf port region went to the Netherlands and Japan. Japan received by far the largest amount of the U.S. corn shipped from the Gulf region, and it received more U.S. corn exports than any other nation. As indicated previously, almost no corn was exported from the Pacific region because of ocean back hauls to the Gulf, high ocean freight rates, and high rail rates for transporting corn to the Pacific region. Japan and Korea are the only nations that received corn shipped from the Pacific export region.

RECEIPTS AND SHIPMENTS BY AREA

Estimates of the flow of corn by each mode of transportation and for every study area are presented in Tables 13-229. These estimates represent the most comprehensive and best data available on the volume of corn transported between each of the regions of the United States.

A detailed study of the flows will likely lead some readers to the conclusion that there are inefficiencies in the shipment of grain among states. Shipping corn in both directions between two states is one example of an apparent inefficiency in the marketing pattern. However, most of the shipments reported in this study reflect sellers' attempts to take advantage of profitable marketing opportunities that occur at a particular moment. It is not possible to provide a rationale for all of the movements without complete knowledge of daily price and transportation relationships. Local supply and demand vary throughout the marketing year, and buyers constantly seek the most economical supply source. Changes in supplies, demands, and transportation costs result in frequent changes in the most profitable shipping pattern.

Figure 4. Proportion of 1977 corn movements to export regions from each originating state.

Table 12. 1977 Exports of U.S. Corn from Canada and the United States by Coastal Area and Destination

Destination	Export region					Total
	Canada	Great Lakes	Atlantic	Gulf	Pacific	
<i>thousands of bushels</i>						
Algeria	40	524	1,157	1,533	0	3,254
Azores	0	0	1,361	0	0	1,361
Barbados	0	0	0	236	0	236
Belgium	539	2,117	37,102	42,147	0	81,905
Canada	0	11,266	0	0	0	11,266
Canary Islands	0	1,691	1,137	0	0	2,828
China, Rep. of (Taiwan)	0	0	5,783	39,252	0	45,035
Colombia	0	0	0	4,044	0	4,044
Costa Rica	0	0	0	218	0	218
Cyprus	0	0	0	258	0	258
Czechoslovakia	0	0	0	2,352	0	2,352
Dominican Rep.	0	0	232	3,492	0	3,724
Ecuador	0	0	0	413	0	413
Egypt	0	0	0	20,778	0	20,778
El Salvador	0	0	0	2,808	0	2,808
France	751	2,575	6,151	2,227	0	11,704
Continued						

Continued

Table 12 — Continued

Destination	Export region					Total
	Canada	Great Lakes	Atlantic	Gulf	Pacific	
thousands of bushels						
German Dem. Rep. (E)	3,764	0	0	2,738	0	6,502
Germany, Fed. Rep. of (W) . .	2,810	3,779	13,425	92,550	0	112,564
Ghana	0	0	0	2,657	0	2,657
Greece	286	660	22,581	14,113	0	37,640
Guatemala	0	0	0	1,066	0	1,066
Guyana	0	0	0	104	0	104
Haiti	0	0	0	441	0	441
Honduras	0	0	0	757	0	757
Iceland	0	0	677	0	0	677
Iran	0	0	2,399	1,083	0	3,482
Iraq	0	0	0	433	0	433
Ireland	0	0	820	34	0	854
Israel	0	0	2,399	11,628	0	14,027
Italy	1,907	0	16,017	60,016	0	77,940
Jamaica	0	0	106	6,772	0	6,878
Japan	98	553	15,233	272,193	12,389	300,466
Korea, Rep. of	2,219	0	14,581	33,692	2,366	52,858
Lebanon	0	600	330	0	0	930
Liberia	0	0	0	40	0	40
Malta	0	956	0	0	0	956
Mexico	0	0	0	63,631	0	63,631
Netherlands	1,420	4,501	7,373	167,811	0	181,105
Netherland Antilles	0	0	0	153	0	153
Nicaragua	0	0	0	1,054	0	1,054
Nigeria	1,068	40	0	2,281	0	3,389
Norway	0	0	880	1,288	0	2,168
Panama	0	0	0	112	0	112
Peru	0	0	0	6,735	0	6,735
Philippines	0	0	420	5,026	0	5,446
Poland	316	618	16,024	39,522	0	56,480
Portugal	0	0	48,810	18,075	0	66,885
Rhodesia	0	0	0	152	0	152
Romania	0	0	6,492	4,871	0	11,363
Saudi Arabia	0	0	0	243	0	243
Sierra Leone	0	0	0	10	0	10
Singapore	0	0	0	671	0	671
Spain	39,962	1,621	37,441	9,391	0	88,415
Surinam	0	0	0	907	0	907
Syria	0	0	538	0	0	538
Tanzania	0	0	0	1,314	0	1,314
Thailand	0	0	0	217	0	217
Trinidad	0	0	191	2,149	0	2,340
Tunisia	866	0	0	1,651	0	2,517
United Kingdom	6,380	38,757	46,950	22,304	0	114,391
U.S.S.R.	3,457	6,297	51,313	87,210	0	148,277
Venezuela	0	0	0	4,855	0	4,855
Total	65,883	76,555	357,923	1,061,708	14,755	1,576,824

Source: *Grain Market News*, Agricultural Marketing Service, U.S. Department of Agriculture, Vol. 26, No. 5 (February 3, 1978).

The availability of storage space at harvest time is also an important factor in determining corn shipments. If local storage facilities are filled with wheat when corn moves from the farms, country elevators may be forced to ship corn to various terminal or processing locations for storage. Later in the year supplies in the local region may be exhausted, and feed mills and livestock feeders in that area will begin purchasing corn from outside sources, reversing the earlier outbound flow. Many other factors, such as the availability of transportation,

have a substantial impact on corn movements. Restrictions on rail shipments during periods of peak movement may force corn to flow to destinations that would not otherwise be the most economical. A detailed analysis of the influence of these factors is beyond the scope of this publication. Readers interested in more detailed information about corn movements, the types of firms involved, and the seasonality of these movements should contact Agricultural Experiment Station representatives in the participating states.

TABLE 13. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2607, ALABAMA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
(THOUSANDS OF BUSHELS)					
1603 GEORGIA	294	1363	0	0	1657
1901 INDIANA	1067	56	0	0	1123
1902 INDIANA	75	0	0	0	75
1903 INDIANA	3783	0	0	0	3783
2257 ILLINOIS	4015	0	0	0	4015
2259 ILLINOIS	0	395	0	0	395
2318 KENTUCKY	452	0	0	0	452
2319 KENTUCKY	0	20	0	0	20
2410 TENNESSEE	0	68	0	0	68
2607 ALABAMA	0	870	0	5688	6558
2608 ALABAMA	350	145	0	0	495
TOTAL VOLUME	10036	2917	0	5688	18641

TABLE 14. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2607, ALABAMA

: MODE OF TRANSPORTATION :					
DESTINATION	-----				:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)					
1603 GEORGIA	0	20	0	0	20
1705 FLORIDA	0	38	0	0	38
2503 MISSISSIPPI	45	45	0	0	90
2607 ALABAMA	0	870	0	2660	3530
2608 ALABAMA	0	12	0	0	12
7301 EAST GULF	. 0	1061	2381	0	3442

TOTAL VOLUME	45	2046	2381	2660	7132

TABLE 15. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2608, ALABAMA

		MODE OF TRANSPORTATION				
ORIGINATING						
STATE OR PORT AREA		FARM				TOTAL
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
1609	GEORGIA	145	133	0	0	278
1825	OHIO	0	0	2574	0	2574
1901	INDIANA	6956	482	0	0	7438
1902	INDIANA	267	0	0	0	267
1903	INDIANA	2276	43	9424	0	11743
2256	ILLINOIS	2433	0	4701	0	7134
2257	ILLINOIS	12499	0	0	0	12499
2258	ILLINOIS	234	0	0	0	234
2259	ILLINOIS	1161	3220	2000	0	6381
2260	ILLINOIS	0	0	2299	0	2299
2261	ILLINOIS	0	0	3162	0	3162
2262	ILLINOIS	836	0	0	0	836
2270	ILLINOIS	2000	0	0	0	2000
2318	KENTUCKY	2775	103	2064	0	4942
2319	KENTUCKY	62	381	0	0	443
2410	TENNESSEE	0	376	0	0	376
2411	TENNESSEE	0	87	0	0	87
2412	TENNESSEE	0	332	0	0	332
2502	MISSISSIPPI	0	40	0	0	40
2607	ALABAMA	0	12	0	82	94
2608	ALABAMA	968	10858	627	1505	13958
2705	MINNESOTA	0	0	430	0	430
2801	IOWA	12	0	0	0	12
2803	IOWA	0	0	354	0	354
2900	MISSOURI	0	0	1350	0	1350
TOTAL VOLUME		32624	16067	28985	1587	79263

TABLE 16. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2608, ALABAMA

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1603 GEORGIA	0	1012	0	0	1012
2410 TENNESSEE	COMBINED TO AVOID DISCLOSURE				50
2411 TENNESSEE					42
2503 MISSISSIPPI	0	29	0	0	29
2607 ALABAMA	350	145	0	0	495
2608 ALABAMA	968	10858	627	935	13388
TOTAL VOLUME	1318	12086	677	935	15016

TABLE 17. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4400, ARIZONA

: MODE OF TRANSPORTATION :					
ORIGINATING	: : : : :				:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
:	RAIL	TRUCK	BARGE	TRUCK	:
: :					

TABLE 18. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 4400, ARIZONA

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
	(THOUSANDS OF BUSHELS)				
4400 ARIZONA	151	2505	0	0	2656
TOTAL VOLUME	151	2505	0	0	2656

TABLE 19. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3005, ARKANSAS

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
				FARM	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2258 ILLINOIS	342	0	0	0	342
2801 IOWA	804	0	0	0	804
3016 ARKANSAS	15124	3782	0	0	18906
3405 NEBRASKA	117	0	0	0	117
3503 KANSAS	1547	0	0	0	1547
3505 KANSAS	66	0	0	0	66
TOTAL VOLUME	18000	3782	0	0	21782

TABLE 20. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3016, ARKANSAS

=====						
	:	MODE OF TRANSPORTATION				:
ORIGINATING	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
2258 ILLINOIS		0	183	0	0	183
2801 IOWA		9061	4567	0	0	13628
2802 IOWA		3774	0	0	0	3774
2901 MISSOURI		6110	0	0	0	6110
3404 NEBRASKA		7740	0	0	0	7740
3405 NEBRASKA		18490	1477	0	0	19967
3503 KANSAS		7970	0	0	0	7970
3505 KANSAS		620	0	0	0	620

TOTAL VOLUME		53765	6227	0	0	59992

TABLE 21. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3016, ARKANSAS

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
				FARM	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3005 ARKANSAS	15124	3782	0	0	18906
3038 ARKANSAS	916	916	0	0	1832
TOTAL VOLUME	16040	4698	0	0	20738

TABLE 22. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3017, ARKANSAS

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA			FARM	TOTAL	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2257 ILLINOIS	903	0	0	0	903
2258 ILLINOIS	0	324	0	0	324
2318 KENTUCKY	0	16	0	0	16
2801 IOWA	4751	0	0	0	4751
2802 IOWA	0	141	0	0	141
2901 MISSOURI	4367	0	0	0	4367
3405 NEBRASKA	167	0	0	0	167
TOTAL VOLUME	10188	481	0	0	10669

TABLE 23. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3017, ARKANSAS

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3038 ARKANSAS	0	385	0	0	385
TOTAL VOLUME	0	385	0	0	385

TABLE 24. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3038, ARKANSAS

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2257 ILLINOIS	1880	0	0	0	1880
2258 ILLINOIS	3316	0	0	0	3316
2260 ILLINOIS	0	67	0	0	67
2262 ILLINOIS	0	270	0	0	270
2801 IOWA	536	0	0	0	536
2803 IOWA	0	16	0	0	16
2901 MISSOURI	212	0	0	0	212
2903 MISSOURI	24	0	0	0	24
3016 ARKANSAS	916	916	0	0	1832
3017 ARKANSAS	0	385	0	0	385
3405 NEBRASKA	19	0	0	0	19
3503 KANSAS	434	0	0	0	434
3505 KANSAS	61	0	0	0	61
TOTAL VOLUME	7398	1654	0	0	9052

TABLE 25. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3038, ARKANSAS

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
1603 GEORGIA	60	0	0	0	60
3038 ARKANSAS	0	0	0	86	86
TOTAL VOLUME	60	0	0	86	146

TABLE 26. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4701, CALIFORNIA

=====						
	:	MODE OF TRANSPORTATION				:
ORIGINATING	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:
=====						
(THOUSANDS OF BUSHELS)						
3401 NEBRASKA		750	0	0	0	750
3404 NEBRASKA		13442	0	0	0	13442
3502 KANSAS		73	0	0	0	73
3712 TEXAS		3161	0	0	0	3161
4000 COLORADO		6208	0	0	0	6208
4703 CALIFORNIA		0	1905	0	2024	3929
=====						
TOTAL VOLUME		23634	1905	0	2024	27563

TABLE 27. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4703, CALIFORNIA

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3401 NEBRASKA	1715	0	0	0	1715
3404 NEBRASKA	34881	0	0	0	34881
3405 NEBRASKA	1175	0	0	0	1175
3502 KANSAS	69	0	0	0	69
3504 KANSAS	24	0	0	0	24
3711 TEXAS	2193	541	0	0	2734
3712 TEXAS	404	0	0	0	404
3767 TEXAS	213	0	0	0	213
4000 COLORADO	60	0	0	0	60
4703 CALIFORNIA	0	18649	0	40840	59489
TOTAL VOLUME	40734	19190	0	40840	100764

TABLE 28. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 4703, CALIFORNIA

=====					
DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
4701 CALIFORNIA	0	1905	0	0	1905
4703 CALIFORNIA	0	18649	0	0	18649
4704 CALIFORNIA	173	134	0	0	307
7403 CALIFORNIA	0	429	0	0	429

TOTAL VOLUME	173	21117	0	0	21290

TABLE 29. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4704, CALIFORNIA

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2801 IOWA	1620	0	0	0	1620
2900 MISSOURI	245	0	0	0	245
3404 NEBRASKA	12062	0	0	0	12062
3405 NEBRASKA	665	0	0	0	665
3501 KANSAS	628	0	0	0	628
3502 KANSAS	220	0	0	0	220
3503 KANSAS	442	0	0	0	442
3504 KANSAS	63	0	0	0	63
3712 TEXAS	4685	0	0	0	4685
4703 CALIFORNIA	173	134	0	214	521
TOTAL VOLUME	20803	134	0	214	21151

TABLE 30. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4000, COLORADO

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA			FARM	TOTAL	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3401 NEBRASKA	8139	1471	0	0	9610
3402 NEBRASKA	198	0	0	0	198
3403 NEBRASKA	12	0	0	0	12
3404 NEBRASKA	26002	0	0	0	26002
3405 NEBRASKA	1268	472	0	0	1740
3501 KANSAS	234	908	0	0	1142
4000 COLORADO	89	7532	0	0	7621
TOTAL VOLUME	35942	10383	0	0	46325

TABLE 31. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 4000, COLORADO

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3602 OKLAHOMA	14	196	0	0	210
3711 TEXAS	15	1458	0	0	1473
4000 COLORADO	89	7532	0	0	7621
4300 UTAH	972	399	0	0	1371
4701 CALIFORNIA	6208	0	0	0	6208
4703 CALIFORNIA	60	0	0	0	60
TOTAL VOLUME	7358	9585	0	0	16943

TABLE 32. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 600, CONNECTICUT

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	TRUCK	FARM : TOTAL
(THOUSANDS OF BUSHELS)					
1100 MARYLAND	161	0	0	0	161
1850 OHIO	2962	0	0	0	2962
1901 INDIANA	1901	0	0	0	1901
2000 MICHIGAN	4003	0	0	0	4003
7102 CHICAGO AREA	368	0	0	0	368
TOTAL VOLUME	9395	0	0	0	9395

TABLE 33. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1000, DELAWARE

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	TRUCK	FARM TRUCK
(THOUSANDS OF BUSHELS)					
800 NEW JERSEY	0	250	0	78	328
903 PENNSYLVANIA	0	250	0	75	325
1000 DELAWARE	0	7448	0	7190	14638
1100 MARYLAND	0	6575	0	2721	9296
1825 OHIO	0	105	0	0	105
TOTAL VOLUME	0	14628	0	10064	24692

TABLE 34. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 1000, DELAWARE

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
800 NEW JERSEY	0	235	0	0	235
903 PENNSYLVANIA	0	500	0	0	500
1000 DELAWARE	0	7448	0	0	7448
1100 MARYLAND	0	4060	0	0	4060
7202 SOUTH ATLANTIC	0	90	1307	0	1397
TOTAL VOLUME	0	12333	1307	0	13640

TABLE 35. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1701, FLORIDA

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1603 GEORGIA	0	63	0	0	63
1701 FLORIDA	0	0	0	423	423
1703 FLORIDA	200	300	0	59	559
1903 INDIANA	266	0	0	0	266
2410 TENNESSEE	51	0	0	0	51
TOTAL VOLUME	517	363	0	482	1362

TABLE 36. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1701, FLORIDA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1703 FLORIDA	0	3	0	9	12
7301 EAST GULF	87	421	117	0	625
TOTAL VOLUME	87	424	117	9	637

TABLE 37. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1703, FLORIDA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
1500 SOUTH CAROLINA	540	0	0	0	540
1603 GEORGIA	2059	575	0	0	2634
1701 FLORIDA	0	3	0	210	213
1703 FLORIDA	1876	339	0	0	2215
1705 FLORIDA	45	100	0	0	145
1901 INDIANA	1427	0	0	0	1427
1903 INDIANA	1929	0	0	0	1929
2258 ILLINOIS	21	0	0	0	21
2259 ILLINOIS	100	0	0	0	100
2262 ILLINOIS	152	0	0	0	152

TOTAL VOLUME	8149	1017	0	210	9376

TABLE 38. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1703, FLORIDA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1701 FLORIDA	200	300	0	0	500
1703 FLORIDA	1876	339	0	88	2303
1705 FLORIDA	500	263	0	23	786
7301 EAST GULF	564	0	0	0	564
TOTAL VOLUME	3140	902	0	111	4153

TABLE 39. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1705, FLORIDA

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
1400 NORTH CAROLINA		709	352	0	0 1061
1603 GEORGIA		2187	1217	0	0 3404
1703 FLORIDA		500	263	0	139 902
1705 FLORIDA		512	228	0	419 1159
1902 INDIANA		134	0	0	0 134
1903 INDIANA		3131	0	0	0 3131
2257 ILLINOIS		500	0	0	0 500
2261 ILLINOIS		0	0	1700	0 1700
2318 KENTUCKY		1188	0	0	0 1188
2607 ALABAMA		0	38	0	0 38
7302 LOUISIANA GULF		0	0	50	0 50

TOTAL VOLUME		8861	2098	1750	558 13267

TABLE 40. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1705, FLORIDA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1703 FLORIDA	45	100	0	0	145
1705 FLORIDA	512	228	0	0	740
1708 FLORIDA	843	971	0	0	1814

TOTAL VOLUME	1400	1299	0	0	2699

TABLE 41. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1708, FLORIDA

=====						
ORIGINATING STATE OR PORT AREA	:	MODE OF TRANSPORTATION				:
	:	-----				:
	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
1705 FLORIDA	843	971	0	0	1814	
TOTAL VOLUME	843	971	0	0	1814	

TABLE 42. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1603, GEORGIA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1500 SOUTH CAROLINA	111	199	0	656	966
1603 GEORGIA	0	25149	0	18774	43923
1825 OHIO	5000	0	0	0	5000
1901 INDIANA	3046	200	0	0	3246
1902 INDIANA	232	112	0	0	344
1903 INDIANA	4916	0	0	0	4916
2257 ILLINOIS	8619	0	0	0	8619
2318 KENTUCKY	7426	27	0	0	7453
2410 TENNESSEE	0	125	0	0	125
2607 ALABAMA	0	20	0	0	20
2608 ALABAMA	0	1012	0	0	1012
3038 ARKANSAS	60	0	0	0	60

TOTAL VOLUME	29410	26844	0	19430	75684

TABLE 43. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1603, GEORGIA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1500 SOUTH CAROLINA	476	0	0	0	476
1603 GEORGIA	0	25149	0	9452	34601
1609 GEORGIA	334	345	0	0	679
1701 FLORIDA	0	63	0	0	63
1703 FLORIDA	2059	575	0	0	2634
1705 FLORIDA	2187	1217	0	0	3404
2412 TENNESSEE	0	141	0	0	141
2503 MISSISSIPPI	378	3	0	0	381
2607 ALABAMA	294	1363	0	0	1657
3100 LOUISIANA	176	0	0	0	176
7202 SOUTH ATLANTIC	0	215	0	0	215
TOTAL VOLUME	5904	29071	0	9452	44427

TABLE 44. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1609, GEORGIA

=====					
	MODE OF TRANSPORTATION				
ORIGINATING	-----				
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
1400 NORTH CAROLINA	0	194	0	0	194
1603 GEORGIA	334	345	0	345	1024
1609 GEORGIA	241	75	0	0	316
1901 INDIANA	693	0	0	0	693
1902 INDIANA	5853	0	0	0	5853
1903 INDIANA	15832	0	0	0	15832
2257 ILLINOIS	12477	0	0	0	12477
2258 ILLINOIS	43	0	0	0	43
2259 ILLINOIS	881	0	0	0	881
2262 ILLINOIS	466	58	0	0	524
2270 ILLINOIS	5000	0	0	0	5000
2319 KENTUCKY	374	0	0	0	374
2410 TENNESSEE	0	0	0	150	150
2411 TENNESSEE	210	96	0	0	306
2412 TENNESSEE	990	0	0	0	990
2803 IOWA	815	0	0	0	815

TOTAL VOLUME	44209	768	0	495	45472

TABLE 45. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1609, GEORGIA

DESTINATION		MODE OF TRANSPORTATION			
STATE OR PORT AREA		FARM			
		RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1609	GEORGIA	241	75	0	1758
2608	ALABAMA	145	133	0	0
TOTAL VOLUME		386	208	0	1758

TABLE 46. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2256, ILLINOIS

		MODE OF TRANSPORTATION				
ORIGINATING						
STATE OR PORT AREA				FARM	TOTAL	
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
1901 INDIANA	2014	8705	0	0	10719	
2103 WISCONSIN	0	5623	0	1469	7092	
2256 ILLINOIS	0	144390	0	228896	373286	
2257 ILLINOIS	641	17999	0	13047	31687	
2260 ILLINOIS	0	2873	0	2839	5712	
2261 ILLINOIS	0	282	0	5419	5701	
2270 ILLINOIS	0	293	0	158	451	
2318 KENTUCKY	0	180	0	0	180	
2801 IOWA	0	841	0	0	841	
2802 IOWA	570	2134	0	0	2704	
2803 IOWA	304	3087	0	850	4241	
7102 CHICAGO AREA	0	300	0	0	300	
TOTAL VOLUME	3529	186707	0	252678	442914	

TABLE 47. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2256, ILLINOIS

=====					
		: MODE OF TRANSPORTATION :			
DESTINATION		: ----- :			
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1901 INDIANA	230	0	0	0	230
2256 ILLINOIS	0	144390	0	4691	149081
2257 ILLINOIS	1042	7768	0	0	8810
2260 ILLINOIS	336	8610	0	0	8946
2270 ILLINOIS	0	2091	0	0	2091
2411 TENNESSEE	COMBINED TO AVOID DISCLOSURE				51
2412 TENNESSEE					150
2503 MISSISSIPPI	0	0	4701	0	4701
2608 ALABAMA	2433	0	4701	0	7134
2803 IOWA	125	5904	0	0	6029
7102 CHICAGO AREA	1934	22463	3665	0	28062
7301 EAST GULF	0	0	300	0	300
7302 LOUISIANA GULF	0	0	228185	0	228185

TOTAL VOLUME	6151	191226	241702	4691	443770

TABLE 48. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2257, ILLINOIS

=====						
ORIGINATING		MODE OF TRANSPORTATION				
STATE OR PORT AREA		-----				
		RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)						
1901	INDIANA	21196	7826	0	3508	32530
1902	INDIANA	292	10564	0	335	11191
1903	INDIANA	15	16	0	0	31
2256	ILLINOIS	1042	7768	0	5394	14204
2257	ILLINOIS	3291	50099	0	127212	180602
2258	ILLINOIS	738	4198	0	4172	9108
2260	ILLINOIS	0	4827	0	521	5348
2261	ILLINOIS	0	15	0	0	15
2262	ILLINOIS	0	5000	0	0	5000
2270	ILLINOIS	0	7700	0	12509	20209
2801	IOWA	501	0	0	0	501
2802	IOWA	501	0	0	0	501

TOTAL VOLUME		27576	98013	0	153651	279240

TABLE 49. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 2257, ILLINOIS

=====					
	:	MODE OF TRANSPORTATION			:
DESTINATION	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
903 PENNSYLVANIA		1248	0	0	0 1248
1400 NORTH CAROLINA		2408	0	0	0 2408
1500 SOUTH CAROLINA		98	0	0	0 98
1603 GEORGIA		8619	0	0	0 8619
1609 GEORGIA		12477	0	0	0 12477
1705 FLORIDA		500	0	0	0 500
1901 INDIANA		45	0	0	0 45
1902 INDIANA		0	1056	0	0 1056
1903 INDIANA		3262	0	0	0 3262
2103 WISCONSIN		0	18	0	0 18
2256 ILLINOIS		641	17999	0	0 18640
2257 ILLINOIS		3291	50099	0	9 53399
2258 ILLINOIS		0	679	0	0 679
2260 ILLINOIS		4939	620	0	0 5559
2270 ILLINOIS		3868	19766	0	10 23644
2410 TENNESSEE					2728
2411 TENNESSEE		COMBINED TO AVOID DISCLOSURE			435
2412 TENNESSEE					1466
2501 MISSISSIPPI		192	0	0	0 192
2502 MISSISSIPPI		21	0	0	0 21
2607 ALABAMA		4015	0	0	0 4015
2608 ALABAMA		12499	0	0	0 12499
3017 ARKANSAS		903	0	0	0 903
3038 ARKANSAS		1880	0	0	0 1880
3100 LOUISIANA		19800	0	0	0 19800
7102 CHICAGO AREA		711	953	0	0 1664
7201 NORTH ATLANTIC		3390	0	0	0 3390
7202 SOUTH ATLANTIC		18006	15	0	0 18021
7302 LOUISIANA GULF		46935	0	0	0 46935
7303 NO. TEXAS GULF		345	0	0	0 345

TOTAL VOLUME		154722	91205	0	19 245946

TABLE 50. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2258, ILLINOIS

=====						
ORIGINATING	:	MODE OF TRANSPORTATION			:	
STATE OR PORT AREA	:	-----			:	
	:	:	:	FARM	TOTAL	
	:	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)						
1902 INDIANA		1080	1345	0	0	2425
1903 INDIANA		527	0	0	0	527
2257 ILLINOIS		0	679	0	2446	3125
2258 ILLINOIS		764	22613	0	163556	186933
2260 ILLINOIS		0	84	0	0	84
2261 ILLINOIS		0	199	0	264	463
2262 ILLINOIS		0	0	0	5000	5000
2270 ILLINOIS		0	0	0	5000	5000

TOTAL VOLUME		2371	24920	0	176266	203557

TABLE 51. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2258, ILLINOIS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
901 PENNSYLVANIA	0	864	0	0	864
903 PENNSYLVANIA	0	414	0	0	414
1100 MARYLAND	0	183	0	0	183
1400 NORTH CAROLINA	0	183	0	0	183
1609 GEORGIA	43	0	0	0	43
1703 FLORIDA	21	0	0	0	21
1825 OHIO	0	183	0	0	183
1903 INDIANA	22	1880	0	0	1902
2256 ILLINOIS	0	0	0	35	35
2257 ILLINOIS	738	4198	0	0	4936
2258 ILLINOIS	764	22613	0	5413	28790
2259 ILLINOIS	0	11805	0	0	11805
2260 ILLINOIS	1572	18853	0	0	20425
2261 ILLINOIS	0	359	0	0	359
2262 ILLINOIS	517	7813	0	0	8330
2270 ILLINOIS	15079	17200	0	0	32279
2318 KENTUCKY	181	0	0	0	181
2319 KENTUCKY	1024	0	0	0	1024
2411 TENNESSEE	89	4563	0	0	4652
2412 TENNESSEE	0	1521	0	0	1521
2501 MISSISSIPPI	0	54	0	0	54
2502 MISSISSIPPI	576	189	0	0	765
2503 MISSISSIPPI	5160	2787	0	0	7947
2608 ALABAMA	234	0	0	0	234
2903 MISSOURI	352	6320	0	0	6672
3005 ARKANSAS	342	0	0	0	342
3016 ARKANSAS	0	183	0	0	183
3017 ARKANSAS	0	324	0	0	324
3038 ARKANSAS	3316	0	0	0	3316
3100 LOUISIANA	228	0	0	0	228
3503 KANSAS	0	183	0	0	183
3745 TEXAS	497	791	0	0	1288
3789 TEXAS	24	0	0	0	24
7102 CHICAGO AREA	0	252	0	0	252
7201 NORTH ATLANTIC	1865	0	0	0	1865
7202 SOUTH ATLANTIC	12544	0	0	0	12544
7301 EAST GULF	7650	0	0	0	7650
7302 LOUISIANA GULF	23867	0	0	0	23867
9000 EXPORT	0	1278	0	0	1278

TOTAL VOLUME	76705	104993	0	5448	187146

TABLE 52. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2259, ILLINOIS

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1903 INDIANA	550	0	0	61	611
2258 ILLINOIS	0	11805	0	567	12372
2259 ILLINOIS	0	5133	0	20287	25420

TOTAL VOLUME	550	16938	0	20915	38403
=====					

TABLE 53. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2259, ILLINOIS

=====					
DESTINATION	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1609 GEORGIA		881	0	0	0
1703 FLORIDA		100	0	0	0
1903 INDIANA		0	4551	0	0
2259 ILLINOIS		0	5133	0	0
2411 TENNESSEE		61	0	0	0
2503 MISSISSIPPI		7479	0	0	0
2607 ALABAMA		0	395	0	0
2608 ALABAMA		1161	3220	2000	0
7302 LOUISIANA GULF		0	0	7391	0

TOTAL VOLUME		9682	13299	9391	0

TABLE 54. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2260, ILLINOIS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	:	:	:	:	:
	RAIL	TRUCK	BARGE	TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2256 ILLINOIS	336	8610	0	8440	17386
2257 ILLINOIS	4939	620	0	568	6127
2258 ILLINOIS	1572	18853	0	1683	22108
2260 ILLINOIS	2400	105657	0	139112	247169
2261 ILLINOIS	120	5994	0	6176	12290
2270 ILLINOIS	2168	37033	0	14236	53437
2801 IOWA	444	0	0	0	444
2802 IOWA	1287	0	0	0	1287
2803 IOWA	1732	0	0	0	1732

TOTAL VOLUME	14998	176767	0	170215	361980
=====					

TABLE 55. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 2260, ILLINOIS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	:	:	:	:	:
	RAIL	TRUCK	BARGE	TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2103 WISCONSIN	0	18	0	0	18
2256 ILLINOIS	0	2873	0	0	2873
2257 ILLINOIS	0	4827	0	0	4827
2258 ILLINOIS	0	84	0	0	84
2260 ILLINOIS	2400	105657	0	3934	111991
2261 ILLINOIS	0	5201	0	0	5201
2411 TENNESSEE	51	0	0	0	51
2608 ALABAMA	0	0	2299	0	2299
2803 IOWA	0	124	0	0	124
2903 MISSOURI	0	1983	0	0	1983
3038 ARKANSAS	0	67	0	0	67
7301 EAST GULF	0	0	2459	0	2459
7302 LOUISIANA GULF	1086	0	203068	0	204154

TOTAL VOLUME	3537	120834	207826	3934	336131

TABLE 56. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2261, ILLINOIS

=====					
		: MODE OF TRANSPORTATION :			
ORIGINATING		: ----- :			
STATE OR PORT AREA		:	:	:	FARM : TOTAL
		:	RAIL :	TRUCK :	BARGE : TRUCK :

(THOUSANDS OF BUSHELS)					
2258	ILLINOIS	0	359	0	536 895
2260	ILLINOIS	0	5201	0	4086 9287
2261	ILLINOIS	0	17975	0	42259 60234
2262	ILLINOIS	0	0	0	525 525
2802	IOWA	0	202	0	0 202
2803	IOWA	0	8399	0	40 8439
2901	MISSOURI	0	1910	0	1656 3566
2902	MISSOURI	0	1002	0	730 1732
2903	MISSOURI	0	0	0	298 298

TOTAL VOLUME		0	35048	0	50130 85178

TABLE 57. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2261, ILLINOIS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1705 FLORIDA	0	0	1700	0	1700
2256 ILLINOIS	0	282	0	0	282
2257 ILLINOIS	0	15	0	0	15
2258 ILLINOIS	0	199	0	0	199
2260 ILLINOIS	120	5994	0	0	6114
2261 ILLINOIS	0	17975	0	5036	23011
2262 ILLINOIS	105	1605	0	0	1710
2608 ALABAMA	0	0	3162	0	3162
2803 IOWA	0	58	0	0	58
7302 LOUISIANA GULF	0	0	41624	0	41624

TOTAL VOLUME	225	26128	46486	5036	77875

TABLE 58. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2262, ILLINOIS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
2258 ILLINOIS	517	7813	0	897	9227
2259 ILLINOIS	0	0	0	7892	7892
2261 ILLINOIS	105	1605	0	61	1771
2262 ILLINOIS	69	1907	0	18499	20475
2300 KENTUCKY	0	0	0	107	107
2802 IOWA	61	0	0	0	61
2901 MISSOURI	0	211	0	0	211
2902 MISSOURI	0	0	0	388	388
2903 MISSOURI	0	0	0	40	40

TOTAL VOLUME	752	11536	0	27884	40172
=====					

TABLE 59. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2262, ILLINOIS

=====						
		MODE OF TRANSPORTATION				
DESTINATION		-----				
STATE OR PORT AREA					FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)						
1609	GEORGIA	466	58	0	0	524
1703	FLORIDA	152	0	0	0	152
2257	ILLINOIS	0	5000	0	0	5000
2259	ILLINOIS	0	0	0	1200	1200
2262	ILLINOIS	69	1907	0	116	2092
2411	TENNESSEE	129	0	0	0	129
2412	TENNESSEE	3986	0	0	0	3986
2502	MISSISSIPPI	650	0	0	0	650
2503	MISSISSIPPI	8006	0	0	0	8006
2608	ALABAMA	836	0	0	0	836
2903	MISSOURI	175	112	0	0	287
3038	ARKANSAS	0	270	0	0	270
3100	LOUISIANA	356	0	0	0	356
3745	TEXAS	196	0	0	0	196
7302	LOUISIANA GULF	3704	0	17684	0	21388

TOTAL VOLUME		18725	7347	17684	1316	45072

TABLE 60. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2270, ILLINOIS

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
2256 ILLINOIS	0	2091	0	0	2091
2257 ILLINOIS	3868	19766	0	2228	25862
2258 ILLINOIS	15079	17200	0	3249	35528
2270 ILLINOIS	2504	13479	0	62783	78766
2901 MISSOURI	43	0	0	0	43
TOTAL VOLUME	21494	52536	0	68260	142290

TABLE 61. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2270, ILLINOIS

		MODE OF TRANSPORTATION				
DESTINATION						
STATE OR PORT AREA				FARM	TOTAL	
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
1609	GEORGIA	5000	0	0	0	5000
2256	ILLINOIS	0	293	0	0	293
2257	ILLINOIS	0	7700	0	0	7700
2260	ILLINOIS	2168	37033	0	0	39201
2270	ILLINOIS	2504	13479	0	286	16269
2502	MISSISSIPPI	17	0	0	0	17
2503	MISSISSIPPI	1250	0	0	0	1250
2608	ALABAMA	2000	0	0	0	2000
3100	LOUISIANA	714	1492	0	0	2206
7301	EAST GULF	0	403	0	0	403
7302	LOUISIANA GULF	1526	0	0	0	1526
TOTAL VOLUME		15179	60400	0	286	75865

TABLE 62. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1901, INDIANA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1825 OHIO	0	40	0	0	40
1850 OHIO	0	3012	0	0	3012
1901 INDIANA	77	59388	0	277367	336832
1902 INDIANA	0	9154	0	45577	54731
2000 MICHIGAN	0	328	0	7	335
2103 WISCONSIN	0	278	0	0	278
2256 ILLINOIS	230	0	0	0	230
2257 ILLINOIS	45	0	0	0	45

TOTAL VOLUME	352	72200	0	322951	395503
=====					

TABLE 33. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1901, INDIANA

=====					
DESTINATION		MODE OF TRANSPORTATION			
STATE OR PORT AREA		FARM			
		RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
100	MAINE	625	0	0	0
400	MASSACHUSETTS	56	0	0	0
600	CONNECTICUT	1901	0	0	0
701	NEW YORK	17	0	0	0
703	NEW YORK	9	0	0	0
901	PENNSYLVANIA	0	46	0	0
903	PENNSYLVANIA	0	737	0	0
1100	MARYLAND	42	100	0	0
1400	NORTH CAROLINA	154	0	0	0
1500	SOUTH CAROLINA	144	0	0	0
1603	GEORGIA	3046	200	0	0
1609	GEORGIA	693	0	0	0
1703	FLORIDA	1427	0	0	0
1825	OHIO	0	56	0	0
1850	OHIO	0	400	0	0
1901	INDIANA	77	59388	0	971
1902	INDIANA	1206	14981	0	0
1903	INDIANA	10	0	0	0
2000	MICHIGAN	0	6	0	0
2256	ILLINOIS	2014	8705	0	0
2257	ILLINOIS	21196	7826	0	0
2319	KENTUCKY	50	0	0	0
2410	TENNESSEE	155	0	0	0
2411	TENNESSEE	188	0	0	0
2502	MISSISSIPPI	959	487	0	0
2503	MISSISSIPPI	2152	685	0	0
2607	ALABAMA	1067	56	0	0
2608	ALABAMA	6956	482	0	0
3789	TEXAS	270	0	0	0
7102	CHICAGO AREA	0	21034	0	0
7201	NORTH ATLANTIC	2590	1039	0	0
7202	SOUTH ATLANTIC	44202	0	0	0
7302	LOUISIANA GULF	2712	0	0	0
7303	NO. TEXAS GULF	255	0	0	0
TOTAL VOLUME		94173	116228	0	971
					211372
=====					

TABLE 64. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1902, INDIANA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK
=====					
(THOUSANDS OF BUSHELS)					
1825 OHIO	0	13	0	0	13
1901 INDIANA	1206	14981	0	11330	27517
1902 INDIANA	415	68331	0	215525	284271
1903 INDIANA	0	2119	0	3724	5843
2103 WISCONSIN	500	2896	0	0	3396
2257 ILLINOIS	0	1056	0	4841	5897
2318 KENTUCKY	0	385	0	0	385

TOTAL VOLUME	2121	89781	0	235420	327322
=====					

TABLE 65. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 1902, INDIANA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
703 NEW YORK	13438	0	0	0	13438
901 PENNSYLVANIA	85	0	0	0	85
1200 VIRGINIA	120	0	0	0	120
1400 NORTH CAROLINA	7293	0	0	0	7293
1603 GEORGIA	232	112	0	0	344
1609 GEORGIA	5853	0	0	0	5853
1705 FLORIDA	134	0	0	0	134
1825 OHIO	0	10141	0	87	10228
1850 OHIO	0	1250	0	0	1250
1901 INDIANA	0	9154	0	0	9154
1902 INDIANA	415	68331	0	889	69635
1903 INDIANA	250	1082	0	0	1332
2257 ILLINOIS	292	10564	0	0	10856
2258 ILLINOIS	1080	1345	0	0	2425
2318 KENTUCKY	387	0	0	0	387
2319 KENTUCKY	1613	524	0	0	2137
2410 TENNESSEE	471	90	0	0	561
2411 TENNESSEE	18	1170	0	0	1188
2412 TENNESSEE	0	190	0	0	190
2503 MISSISSIPPI	17	0	0	0	17
2607 ALABAMA	75	0	0	0	75
2608 ALABAMA	267	0	0	0	267
2903 MISSOURI	153	0	0	0	153
7103 TOLEDO AREA	0	7301	0	0	7301
7201 NORTH ATLANTIC	10471	0	0	0	10471
7202 SOUTH ATLANTIC	105062	0	0	0	105062
7302 LOUISIANA GULF	1457	0	0	0	1457

TOTAL VOLUME	149183	111254	0	976	261413

TABLE 66. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1903, INDIANA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
1901 INDIANA	10	0	0	0	10
1902 INDIANA	250	1082	0	0	1332
1903 INDIANA	144	19751	0	65236	85131
2257 ILLINOIS	3262	0	0	0	3262
2258 ILLINOIS	22	1880	0	1902	3804
2259 ILLINOIS	0	4551	0	15268	19819
2318 KENTUCKY	0	95	0	165	260
3501 KANSAS	0	80	0	0	80
TOTAL VOLUME	3688	27439	0	82571	113698

TABLE 67. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 1903, INDIANA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1200 VIRGINIA	798	0	0	0	798
1400 NORTH CAROLINA	703	0	0	0	703
1500 SOUTH CAROLINA	146	0	0	0	146
1603 GEORGIA	4916	0	0	0	4916
1609 GEORGIA	15832	0	0	0	15832
1701 FLORIDA	266	0	0	0	266
1703 FLORIDA	1929	0	0	0	1929
1705 FLORIDA	3131	0	0	0	3131
1825 OHIO	0	194	0	0	194
1902 INDIANA	0	2119	0	0	2119
1903 INDIANA	144	19751	0	0	19895
2257 ILLINOIS	15	16	0	0	31
2258 ILLINOIS	527	0	0	0	527
2259 ILLINOIS	550	0	0	0	550
2319 KENTUCKY	0	1800	0	0	1800
2410 TENNESSEE	1917	0	0	0	1917
2411 TENNESSEE	3445	0	0	0	3445
2412 TENNESSEE	3306	0	0	0	3306
2503 MISSISSIPPI	0	43	0	0	43
2607 ALABAMA	3783	0	0	0	3783
2608 ALABAMA	2276	43	9424	130	11873
2903 MISSOURI	652	6	0	0	658
7302 LOUISIANA GULF	234	0	15790	0	16024
TOTAL VOLUME	44570	23972	25214	130	93886

TABLE 68. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2801, IOWA

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
:	:	:	:	FARM	TOTAL
:	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
2704 MINNESOTA	52	359	0	0	411
2801 IOWA	561	33412	0	340698	374671
2802 IOWA	211	0	0	0	211
3301 SOUTH DAKOTA	88	179	0	0	267
3302 SOUTH DAKOTA	19	586	0	0	605
3403 NEBRASKA	1554	1837	0	0	3391
3404 NEBRASKA	52	0	0	0	52
3405 NEBRASKA	1240	10	0	69	1319

TOTAL VOLUME	3777	36383	0	340767	380927

TABLE 69. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 2801, IOWA

=====						
		MODE OF TRANSPORTATION				
DESTINATION		-----				
STATE OR PORT AREA		:	:	:	FARM	TOTAL
		:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)						
2256	ILLINOIS	0	841	0	0	841
2257	ILLINOIS	501	0	0	0	501
2260	ILLINOIS	444	0	0	0	444
2608	ALABAMA	12	0	0	0	12
2704	MINNESOTA	0	2336	0	0	2336
2705	MINNESOTA	0	128	0	0	128
2801	IOWA	561	33412	0	142175	176148
2802	IOWA	0	2587	0	0	2587
2803	IOWA	3647	3633	0	0	7280
2900	MISSOURI	340	271	0	0	611
2901	MISSOURI	6765	2335	0	0	9100
2903	MISSOURI	146	2366	0	0	2512
2904	MISSOURI	143	628	0	0	771
3005	ARKANSAS	804	0	0	0	804
3016	ARKANSAS	9061	4567	0	0	13628
3017	ARKANSAS	4751	0	0	0	4751
3038	ARKANSAS	536	0	0	0	536
3100	LOUISIANA	1910	0	0	0	1910
3403	NEBRASKA	11	2310	0	0	2321
3404	NEBRASKA	219	8	0	0	227
3405	NEBRASKA	570	4899	0	0	5469
3503	KANSAS	2087	602	0	0	2689
3602	OKLAHOMA	36	3	0	0	39
3604	OKLAHOMA	274	0	0	0	274
3710	TEXAS	778	0	0	0	778
3712	TEXAS	143	0	0	0	143
3723	TEXAS	300	0	0	0	300
3745	TEXAS	2131	312	0	0	2443
3789	TEXAS	560	0	0	0	560
4400	ARIZONA	0	156	0	0	156
4500	WASHINGTON	40	0	0	0	40
4704	CALIFORNIA	1620	0	0	0	1620
7101	DULUTH-SUPERIOR	51	0	0	0	51
7102	CHICAGO AREA	3457	1341	0	0	4798
7301	EAST GULF	308	0	0	0	308
7302	LOUISIANA GULF	25314	0	2760	0	28074
7303	NO. TEXAS GULF	27438	0	0	0	27438
7402	PUGET SOUND	4388	0	0	0	4388

TOTAL VOLUME		99346	62735	2760	142175	307016

TABLE 70. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2802, IOWA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
2704 MINNESOTA	0	12	0	0	12
2801 IOWA	0	2587	0	0	2587
2802 IOWA	0	11252	0	262696	273948
2803 IOWA	0	12	0	0	12
3405 NEBRASKA	2	0	0	0	2

TOTAL VOLUME	2	13863	0	262696	276561
=====					

TABLE 71. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 2802, IOWA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	0	15000	0	0	15000
2103 WISCONSIN	0	36	0	0	36
2256 ILLINOIS	570	2134	0	0	2704
2257 ILLINOIS	501	0	0	0	501
2260 ILLINOIS	1287	0	0	0	1287
2261 ILLINOIS	0	202	0	0	202
2262 ILLINOIS	61	0	0	0	61
2705 MINNESOTA	11	6968	0	5663	12642
2801 IOWA	211	0	0	0	211
2802 IOWA	0	11252	0	38786	50038
2803 IOWA	19643	25997	0	0	45640
2900 MISSOURI	12	2347	0	0	2359
2901 MISSOURI	4074	1059	0	0	5133
2903 MISSOURI	235	189	0	0	424
2904 MISSOURI	198	0	0	0	198
3016 ARKANSAS	3774	0	0	0	3774
3017 ARKANSAS	0	141	0	0	141
3100 LOUISIANA	30	0	0	0	30
3405 NEBRASKA	0	12	0	0	12
3503 KANSAS	19	239	0	0	258
3504 KANSAS	11	0	0	0	11
3505 KANSAS	11	0	0	0	11
3602 OKLAHOMA	31	0	0	0	31
3604 OKLAHOMA	66	0	0	0	66
7101 DULUTH-SUPERIOR	185	0	0	0	185
7102 CHICAGO AREA	8081	7992	0	0	16073
7301 EAST GULF	267	0	0	0	267
7302 LOUISIANA GULF	10255	0	0	0	10255
7303 NO. TEXAS GULF	20218	0	0	0	20218
TOTAL VOLUME	69751	73568	0	44449	187768

TABLE 72. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2803, IOWA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
2103 WISCONSIN		17	4304	0	0 4321
2256 ILLINOIS		125	5904	0	0 6029
2260 ILLINOIS		0	124	0	0 124
2261 ILLINOIS		0	58	0	0 58
2704 MINNESOTA		0	107	0	0 107
2705 MINNESOTA		179	0	0	0 179
2801 IOWA		3647	3633	0	0 7280
2802 IOWA		19643	25997	0	0 45640
2803 IOWA		11658	181884	0	156050 349592
2902 MISSOURI		98	625	0	0 723

TOTAL VOLUME		35367	222636	0	156050 414053
=====					

TABLE 73. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2803, IOWA

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				

	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
1609 GEORGIA	815	0	0	0	815
2101 WISCONSIN	0	360	0	0	360
2103 WISCONSIN	0	8793	0	0	8793
2256 ILLINOIS	304	3087	0	0	3391
2260 ILLINOIS	1732	0	0	0	1732
2261 ILLINOIS	0	8399	0	0	8399
2410 TENNESSEE					50
2412 TENNESSEE					38
2502 MISSISSIPPI	COMBINED TO AVOID DISCLOSURE				5894
2503 MISSISSIPPI					144
2608 ALABAMA	0	0	354	0	354
2705 MINNESOTA	0	530	0	0	530
2802 IOWA	0	12	0	0	12
2803 IOWA	11658	181884	0	24174	217716
2901 MISSOURI	1294	372	0	0	1666
2902 MISSOURI	0	392	0	0	392
2903 MISSOURI	0	79	0	0	79
3038 ARKANSAS	0	16	0	0	16
3504 KANSAS	30	0	0	0	30
7102 CHICAGO AREA	7300	4421	0	0	11721
7302 LOUISIANA GULF	768	0	153689	0	154457
7303 NO. TEXAS GULF	12906	0	0	0	12906
TOTAL VOLUME	37357	213833	154131	24174	429495

TABLE 74. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3500, KANSAS

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				

	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
3501 KANSAS	3057	25595	0	0	28652
3503 KANSAS	394	0	0	0	394
3504 KANSAS	0	1298	0	0	1298
3505 KANSAS	0	194	0	0	194
TOTAL VOLUME	3451	27087	0	0	30538

TABLE 75. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3501, KANSAS

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
3401 NEBRASKA	0	425	0	240	665
3404 NEBRASKA	6680	0	0	2675	9355
3405 NEBRASKA	0	0	0	487	487
3501 KANSAS	0	0	0	64191	64191
3711 TEXAS	101	0	0	0	101
TOTAL VOLUME	6781	425	0	67593	74799

TABLE 76. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3501, KANSAS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
1903 INDIANA	0	80	0	0	80
2901 MISSOURI	0	9	0	0	9
3500 KANSAS	3057	25595	0	0	28652
3502 KANSAS	125	319	0	0	444
3503 KANSAS	873	57	0	0	930
3504 KANSAS	2166	501	0	0	2667
3505 KANSAS	610	274	0	0	884
3711 TEXAS	0	2420	0	0	2420
3745 TEXAS	60	1889	0	0	1949
4000 COLORADO	234	908	0	0	1142
4704 CALIFORNIA	628	0	0	0	628

TOTAL VOLUME	7753	32052	0	0	39805

TABLE 77. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3502, KANSAS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
3200 NORTH DAKOTA	0	4	0	0	4
3301 SOUTH DAKOTA	0	4	0	0	4
3403 NEBRASKA	0	463	0	0	463
3404 NEBRASKA	223	7491	0	0	7714
3405 NEBRASKA	2737	152	0	0	2889
3501 KANSAS	125	319	0	0	444
3502 KANSAS	73	81	0	9236	9390
3503 KANSAS	209	0	0	0	209
3504 KANSAS	0	10	0	0	10
3505 KANSAS	71	0	0	0	71

TOTAL VOLUME	3438	8524	0	9236	21198

TABLE 78. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3502, KANSAS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2901 MISSOURI	48	56	0	0	104
3502 KANSAS	73	81	0	0	154
3503 KANSAS	275	185	0	0	460
3504 KANSAS	0	522	0	0	522
3505 KANSAS	125	37	0	0	162
3602 OKLAHOMA	0	246	0	0	246
3712 TEXAS	25	418	0	0	443
4400 ARIZONA	164	4	0	0	168
4600 OREGON	147	0	0	0	147
4701 CALIFORNIA	73	0	0	0	73
4703 CALIFORNIA	69	0	0	0	69
4704 CALIFORNIA	220	0	0	0	220
7303 NO. TEXAS GULF	199	0	0	0	199

TOTAL VOLUME	1418	1549	0	0	2967

TABLE 79. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3503, KANSAS

=====					
ORIGINATING STATE OR PORT AREA	:	MODE OF TRANSPORTATION			
	:	-----			
	:	:	:	:	:
	:	RAIL	TRUCK	BARGE	TRUCK
	:	:	:	:	:

(THOUSANDS OF BUSHELS)					
2258 ILLINOIS		0	183	0	0
2801 IOWA		2087	602	0	0
2802 IOWA		19	239	0	0
2901 MISSOURI		3036	2527	0	0
2903 MISSOURI		94	0	0	0
3403 NEBRASKA		0	383	0	0
3404 NEBRASKA		1525	510	0	0
3405 NEBRASKA		4137	4704	0	0
3501 KANSAS		873	57	0	0
3502 KANSAS		275	185	0	0
3503 KANSAS		5064	2853	0	10000
3504 KANSAS		0	37	0	0
3505 KANSAS		876	966	0	0

TOTAL VOLUME		17986	13246	0	10000

TABLE 80. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3503, KANSAS

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
(THOUSANDS OF BUSHELS)					
2411 TENNESSEE	1221	0	0	0	1221
2901 MISSOURI	776	43	0	0	819
2904 MISSOURI	364	0	0	0	364
3005 ARKANSAS	1547	0	0	0	1547
3016 ARKANSAS	7970	0	0	0	7970
3038 ARKANSAS	434	0	0	0	434
3100 LOUISIANA	1247	0	0	0	1247
3500 KANSAS	394	0	0	0	394
3502 KANSAS	209	0	0	0	209
3503 KANSAS	5064	2853	0	0	7917
3505 KANSAS	735	1008	0	0	1743
3602 OKLAHOMA	442	490	0	0	932
3604 OKLAHOMA	1331	0	0	0	1331
3745 TEXAS	953	0	0	0	953
4400 ARIZONA	988	23	0	0	1011
4704 CALIFORNIA	442	0	0	0	442
7301 EAST GULF	120	0	0	0	120
7302 LOUISIANA GULF	1644	0	0	0	1644
7303 NO. TEXAS GULF	2196	0	0	0	2196
7304 SO. TEXAS GULF	501	0	0	0	501
9000 EXPORT	260	0	0	0	260
TOTAL VOLUME	28838	4417	0	0	33255

TABLE 81. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3504, KANSAS

		MODE OF TRANSPORTATION				
ORIGINATING						
STATE OR PORT AREA					FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
2802	IOWA	11	0	0	0	11
2803	IOWA	30	0	0	0	30
3403	NEBRASKA	89	0	0	0	89
3404	NEBRASKA	70	40	0	0	110
3405	NEBRASKA	89	547	0	0	636
3501	KANSAS	2166	501	0	0	2667
3502	KANSAS	0	522	0	0	522
3504	KANSAS	387	216	0	8762	9365
3505	KANSAS	131	21	0	0	152
TOTAL VOLUME		2973	1847	0	8762	13582

TABLE 82. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3504, KANSAS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2901 MISSOURI	0	9	0	0	9
3500 KANSAS	0	1298	0	0	1298
3502 KANSAS	0	10	0	0	10
3503 KANSAS	0	37	0	0	37
3504 KANSAS	387	216	0	0	603
3505 KANSAS	113	115	0	0	228
3602 OKLAHOMA	0	490	0	0	490
3711 TEXAS	210	0	0	0	210
4400 ARIZONA	382	9	0	0	391
4703 CALIFORNIA	24	0	0	0	24
4704 CALIFORNIA	63	0	0	0	63
7303 NO. TEXAS GULF	197	0	0	0	197
7403 CALIFORNIA	24	0	0	0	24

TOTAL VOLUME	1400	2184	0	0	3584

TABLE 83. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3505, KANSAS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2802 IOWA	11	0	0	0	11
2901 MISSOURI	41	10	0	0	51
3301 SOUTH DAKOTA	40	0	0	0	40
3404 NEBRASKA	478	0	0	0	478
3405 NEBRASKA	1568	14	0	0	1582
3501 KANSAS	610	274	0	0	884
3502 KANSAS	125	37	0	0	162
3503 KANSAS	735	1008	0	0	1743
3504 KANSAS	113	115	0	0	228
3505 KANSAS	1232	662	0	5030	6924

TOTAL VOLUME	4953	2120	0	5030	12103

TABLE 84. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3505, KANSAS

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2411 TENNESSEE	68	0	0	0	68
2502 MISSISSIPPI	68	0	0	0	68
2901 MISSOURI	634	152	0	0	786
3005 ARKANSAS	66	0	0	0	66
3016 ARKANSAS	620	0	0	0	620
3038 ARKANSAS	61	0	0	0	61
3100 LOUISIANA	68	0	0	0	68
3405 NEBRASKA	71	0	0	0	71
3500 KANSAS	0	194	0	0	194
3502 KANSAS	71	0	0	0	71
3503 KANSAS	876	966	0	0	1842
3504 KANSAS	131	21	0	0	152
3505 KANSAS	1232	662	0	0	1894
3602 OKLAHOMA	0	106	0	0	106
3710 TEXAS	105	85	0	0	190
3723 TEXAS	67	6	0	0	73
3745 TEXAS	66	0	0	0	66
3789 TEXAS	66	0	0	0	66
7302 LOUISIANA GULF	132	0	0	0	132
7303 NO. TEXAS GULF	674	0	0	0	674
7403 CALIFORNIA	68	0	0	0	68
TOTAL VOLUME	5144	2192	0	0	7336

TABLE 85. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2318, KENTUCKY

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1902 INDIANA	387	0	0	0	387
2258 ILLINOIS	181	0	0	0	181
2318 KENTUCKY	0	4286	0	67384	71670
2319 KENTUCKY	6176	871	0	0	7047
2411 TENNESSEE	0	785	0	0	785
2900 MISSOURI	438	0	0	0	438
TOTAL VOLUME	7182	5942	0	67384	80508

TABLE 86. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2318, KENTUCKY

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1300 WEST VIRGINIA	302	0	0	0	302
1400 NORTH CAROLINA	101	0	0	0	101
1603 GEORGIA	7426	27	0	0	7453
1705 FLORIDA	1188	0	0	0	1188
1902 INDIANA	0	385	0	0	385
1903 INDIANA	0	95	0	0	95
2256 ILLINOIS	0	180	0	0	180
2318 KENTUCKY	0	4286	0	0	4286
2410 TENNESSEE	3497	684	0	0	4181
2411 TENNESSEE	1723	2358	0	0	4081
2412 TENNESSEE	1833	1752	0	0	3585
2501 MISSISSIPPI	96	0	0	0	96
2502 MISSISSIPPI	209	0	0	0	209
2503 MISSISSIPPI	1129	0	0	0	1129
2607 ALABAMA	452	0	0	0	452
2608 ALABAMA	2775	103	2064	0	4942
3017 ARKANSAS	0	16	0	0	16
7301 EAST GULF	0	0	626	0	626
7302 LOUISIANA GULF	0	0	38000	0	38000

TOTAL VOLUME	20731	9886	40690	0	71307

TABLE 87. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2319, KENTUCKY

ORIGINATING STATE OR PORT AREA						MODE OF TRANSPORTATION				FARM TRUCK		TOTAL
						RAIL	TRUCK	BARGE	TRUCK			
(THOUSANDS OF BUSHELS)												
1825 OHIO					0	2256		0		0		2256
1901 INDIANA					50	0		0		0		50
1902 INDIANA					1613	524		0		0		2137
1903 INDIANA					0	1800		0	14000			15800
2258 ILLINOIS					1024	0		0		0		1024
2319 KENTUCKY					0	420		0	11303			11723
2320 KENTUCKY					0	60		0		0		60
TOTAL VOLUME						2687	5060		0	25303		33050

TABLE 88. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2319, KENTUCKY

=====					
		MODE OF TRANSPORTATION			
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1200 VIRGINIA	45	0	0	0	45
1400 NORTH CAROLINA	3600	0	0	0	3600
1500 SOUTH CAROLINA	140	21	0	0	161
1609 GEORGIA	374	0	0	0	374
2318 KENTUCKY	6176	871	0	0	7047
2319 KENTUCKY	0	420	0	0	420
2411 TENNESSEE	45	522	0	0	567
2502 MISSISSIPPI	0	1001	0	0	1001
2503 MISSISSIPPI	0	55	0	0	55
2607 ALABAMA	0	20	0	0	20
2608 ALABAMA	62	381	0	0	443
2903 MISSOURI	102	26	0	0	128
7301 EAST GULF	2503	0	0	0	2503
7302 LOUISIANA GULF	0	0	5640	0	5640

TOTAL VOLUME	13047	3317	5640	0	22004

TABLE 89. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2320, KENTUCKY

=====						
	:	MODE OF TRANSPORTATION				:
ORIGINATING	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
1825 OHIO		0	302	0	0	302
2320 KENTUCKY		0	0	0	476	476

TOTAL VOLUME		0	302	0	476	778

TABLE 90. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2320, KENTUCKY

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
(THOUSANDS OF BUSHELS)					
2319 KENTUCKY	0	60	0	0	60
TOTAL VOLUME	0	60	0	0	60

TABLE 91. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3100, LOUISIANA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
1603 GEORGIA		176	0	0	0 176
2257 ILLINOIS		19800	0	0	0 19800
2258 ILLINOIS		228	0	0	0 228
2262 ILLINOIS		356	0	0	0 356
2270 ILLINOIS		714	1492	0	0 2206
2503 MISSISSIPPI		0	1398	0	0 1398
2703 MINNESOTA		25	0	0	0 25
2801 IOWA		1910	0	0	0 1910
2802 IOWA		30	0	0	0 30
2900 MISSOURI		120	0	1356	0 1476
3100 LOUISIANA		0	2846	0	0 2846
3404 NEBRASKA		197	0	0	0 197
3405 NEBRASKA		127	0	0	0 127
3503 KANSAS		1247	0	0	0 1247
3505 KANSAS		68	0	0	0 68
7302 LOUISIANA GULF		0	1764	0	0 1764

TOTAL VOLUME		24998	7500	1356	0 33854

TABLE 92. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3100, LOUISIANA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	:	:	:	FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
2501 MISSISSIPPI	0	6	0	0	6
3100 LOUISIANA	0	2846	0	0	2846
7302 LOUISIANA GULF	0	180	0	0	180

TOTAL VOLUME	0	3032	0	0	3032

TABLE 93. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 100, MAINE

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
701 NEW YORK	1666	0	0	0	1666
901 PENNSYLVANIA	21	0	0	0	21
903 PENNSYLVANIA	7	0	0	0	7
1850 OHIO	1934	0	0	0	1934
1901 INDIANA	625	0	0	0	625
2000 MICHIGAN	8658	0	0	0	8658
7102 CHICAGO AREA	443	0	0	0	443
TOTAL VOLUME	13354	0	0	0	13354

TABLE 94. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1100, MARYLAND

ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
701 NEW YORK	0	61	0	0	61
800 NEW JERSEY	0	132	0	0	132
903 PENNSYLVANIA	0	1809	0	148	1957
1000 DELAWARE	0	4060	0	1388	5448
1100 MARYLAND	0	7963	0	39229	47192
1200 VIRGINIA	0	0	0	566	566
1300 WEST VIRGINIA	0	0	0	205	205
1400 NORTH CAROLINA	0	22	0	0	22
1825 OHIO	557	360	0	0	917
1901 INDIANA	42	100	0	0	142
2258 ILLINOIS	0	183	0	0	183
7202 SOUTH ATLANTIC	0	81	118	0	199
TOTAL VOLUME	599	14771	118	41536	57024

TABLE 95. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1100, MARYLAND

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHEL)					
600 CONNECTICUT	161	0	0	0	161
903 PENNSYLVANIA	0	515	0	0	515
1000 DELAWARE	0	6575	0	0	6575
1100 MARYLAND	0	7963	0	0	7963
1200 VIRGINIA	0	83	0	0	83
7202 SOUTH ATLANTIC	0	6605	71	0	6676

TOTAL VOLUME	161	21741	71	0	21973

TABLE 96. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 400, MASSACHUSETTS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHEL)					
701 NEW YORK	82	0	0	0	82
1901 INDIANA	56	0	0	0	56
2000 MICHIGAN	302	0	0	0	302

TOTAL VOLUME	440	0	0	0	440

TABLE 97. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2000, MICHIGAN

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHEL)					
1901 INDIANA	0	6	0	0	6
2000 MICHIGAN	0	13869	0	66756	80625
2702 MINNESOTA	0	150	0	0	150

TOTAL VOLUME	0	14025	0	66756	80781

TABLE 98. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2000, MICHIGAN

DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
100 MAINE	8658	0	0	0	8658
300 VERMONT	1920	0	0	0	1920
400 MASSACHUSETTS	302	0	0	0	302
600 CONNECTICUT	4003	0	0	0	4003
701 NEW YORK	0	7	0	0	7
800 NEW JERSEY	377	0	0	0	377
903 PENNSYLVANIA	0	391	0	0	391
1850 OHIO	0	5037	0	0	5037
1901 INDIANA	0	328	0	0	328
2000 MICHIGAN	0	13869	0	0	13869
2411 TENNESSEE	0	223	0	0	223
7102 CHICAGO AREA	0	2947	0	0	2947
7103 TOLEDO AREA	0	22720	0	0	22720
7104 SAGINAW AREA	0	3576	0	0	3576
7201 NORTH ATLANTIC	5713	0	0	0	5713
7202 SOUTH ATLANTIC	14122	0	0	0	14122
TOTAL VOLUME	35095	49098	0	0	84193

TABLE 99. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2701, MINNESOTA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
2701 MINNESOTA	0	184	0	191	375
2703 MINNESOTA	0	1684	0	0	1684
2704 MINNESOTA	409	40	0	0	449
3200 NORTH DAKOTA	0	20	0	0	20
TOTAL VOLUME	409	1928	0	191	2528

TABLE 100. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2701, MINNESOTA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2701 MINNESOTA	0	184	0	1	185
TOTAL VOLUME	0	184	0	1	185

TABLE 101. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2702, MINNESOTA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
2701 MINNESOTA	0	0	0	12	12
2702 MINNESOTA	0	2170	0	3743	5913
2703 MINNESOTA	0	191	0	0	191
2704 MINNESOTA	0	960	0	0	960
2705 MINNESOTA	9	1669	0	0	1678
7101 DULUTH-SUPERIOR	4	6	0	0	10
TOTAL VOLUME	13	4996	0	3755	8764

TABLE 102. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2702, MINNESOTA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2000 MICHIGAN	0	150	0	10	160
2101 WISCONSIN	0	1277	0	70	1347
2702 MINNESOTA	0	2170	0	1393	3563
2705 MINNESOTA	223	793	0	0	1016
9000 EXPORT	0	29	0	0	29
TOTAL VOLUME	223	4419	0	1473	6115

TABLE 103. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2703, MINNESOTA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA					
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2703 MINNESOTA	62	12760	0	67563	80385
2704 MINNESOTA	0	4910	0	276	5186
2705 MINNESOTA	0	0	0	1196	1196
3301 SOUTH DAKOTA	0	1872	0	300	2172

TOTAL VOLUME	62	19542	0	69335	88939

TABLE 104. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2703, MINNESOTA

=====					
		MODE OF TRANSPORTATION			
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
2701 MINNESOTA	0	1684	0	0	1684
2702 MINNESOTA	0	191	0	0	191
2703 MINNESOTA	62	12760	0	15670	28492
2704 MINNESOTA	0	0	0	252	252
2705 MINNESOTA	7308	25506	0	36	32850
3100 LOUISIANA	25	0	0	0	25
3200 NORTH DAKOTA	1496	0	0	0	1496
3301 SOUTH DAKOTA	0	2559	0	0	2559
7101 DULUTH-SUPERIOR	614	259	0	0	873
7301 EAST GULF	25	0	0	0	25
9000 EXPORT	372	0	0	0	372

TOTAL VOLUME	9902	42959	0	15958	68819

TABLE 105. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2704, MINNESOTA

: MODE OF TRANSPORTATION :					
ORIGINATING	: ----- :				:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)					
2703 MINNESOTA	0	0	0	489	489
2704 MINNESOTA	2743	22535	0	220791	246069
2705 MINNESOTA	132	0	0	120	252
2801 IOWA	0	2336	0	0	2336
2802 IOWA	0	0	0	5663	5663
3301 SOUTH DAKOTA	0	379	0	0	379

TOTAL VOLUME	2875	25250	0	227063	255188

TABLE 106. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2704, MINNESOTA

=====					
	:	MODE OF TRANSPORTATION			:
DESTINATION	:	-----			:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	0	416	0	204	620
2701 MINNESOTA	409	40	0	0	449
2702 MINNESOTA	0	960	0	0	960
2703 MINNESOTA	0	4910	0	1651	6561
2704 MINNESOTA	2743	22535	0	16313	41591
2705 MINNESOTA	21646	65265	0	0	86911
2801 IOWA	52	359	0	0	411
2802 IOWA	0	12	0	84	96
2803 IOWA	0	107	0	0	107
3200 NORTH DAKOTA	0	1100	0	0	1100
3301 SOUTH DAKOTA	0	2143	0	0	2143
4600 OREGON	1605	0	0	0	1605
7101 DULUTH-SUPERIOR	3664	333	0	0	3997
7102 CHICAGO AREA	107	0	0	0	107
7302 LOUISIANA GULF	22772	0	0	0	22772
7303 NO. TEXAS GULF	2024	0	0	0	2024
9000 EXPORT	733	200	0	0	933

TOTAL VOLUME	55755	98380	0	18252	172387

TABLE 107. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2705, MINNESOTA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	0	4542	0	0	4542
2102 WISCONSIN	0	474	0	0	474
2103 WISCONSIN	223	786	0	0	1009
2702 MINNESOTA	223	793	0	6	1022
2703 MINNESOTA	7308	25506	0	1771	34585
2704 MINNESOTA	21646	65265	0	963	87874
2705 MINNESOTA	891	42589	0	52747	96227
2801 IDWA	0	128	0	0	128
2802 IDWA	11	6968	0	43	7022
2803 IDWA	0	530	0	90	620
3200 NORTH DAKOTA	175	60	0	0	235
3301 SOUTH DAKOTA	487	634	0	0	1121
3405 NEBRASKA	206	47	0	0	253
TOTAL VOLUME	31170	148322	0	55620	235112

TABLE 108. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2705, MINNESOTA

DESTINATION		MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL	
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
2101	WISCONSIN	0	1777	0	12	1789
2102	WISCONSIN	0	4400	0	0	4400
2103	WISCONSIN	COMBINED TO AVOID DISCLOSURE				2363
2410	TENNESSEE					549
2608	ALABAMA	0	0	430	0	430
2702	MINNESOTA	9	1669	0	0	1678
2704	MINNESOTA	132	0	0	0	132
2705	MINNESOTA	891	42589	0	2844	46324
2803	IOWA	179	0	0	0	179
3301	SOUTH DAKOTA	208	0	0	0	208
3745	TEXAS	1232	0	0	0	1232
4600	OREGON	2366	0	0	0	2366
7101	DULUTH-SUPERIOR	4	29	0	0	33
7102	CHICAGO AREA	96	0	0	0	96
7104	SAGINAW AREA	19	0	0	0	19
7301	EAST GULF	0	0	196	0	196
7302	LOUISIANA GULF	687	0	75398	0	76085
9000	EXPORT	1334	0	0	0	1334
TOTAL VOLUME		7314	52670	76573	2856	139413

TABLE 109. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2501, MISSISSIPPI

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHELS)					
2257 ILLINOIS	192	0	0	0	192
2258 ILLINOIS	0	54	0	0	54
2318 KENTUCKY	96	0	0	0	96
2412 TENNESSEE	223	0	0	0	223
3100 LOUISIANA	0	6	0	0	6

TOTAL VOLUME	511	60	0	0	571
=====					

TABLE 110. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2502, MISSISSIPPI

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
1825 OHIO	11	97	0	0	108
1901 INDIANA	959	487	0	0	1446
2257 ILLINOIS	21	0	0	0	21
2258 ILLINOIS	576	189	0	0	765
2262 ILLINOIS	650	0	0	0	650
2270 ILLINOIS	17	0	0	0	17
2318 KENTUCKY	209	0	0	0	209
2319 KENTUCKY	0	1001	0	0	1001
2412 TENNESSEE	454	0	0	0	454
2502 MISSISSIPPI	0	52	0	413	465
2503 MISSISSIPPI	99	0	0	0	99
2803 IOWA	406	5488	0	0	5894
2903 MISSOURI	2516	0	0	0	2516
3505 KANSAS	68	0	0	0	68
3711 TEXAS	68	0	0	0	68
7302 LOUISIANA GULF	624	0	0	0	624

TOTAL VOLUME	6678	7314	0	413	14405

TABLE 111. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2502, MISSISSIPPI

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA			FARM		TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2412 TENNESSEE	0	134	0	0	134
2502 MISSISSIPPI	0	52	0	0	52
2608 ALABAMA	0	40	0	0	40
TOTAL VOLUME	0	226	0	0	226

TABLE 112. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2503, MISSISSIPPI

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1603 GEORGIA	378	3	0	0	381
1901 INDIANA	2152	685	0	0	2837
1902 INDIANA	17	0	0	0	17
1903 INDIANA	0	43	0	0	43
2256 ILLINOIS	0	0	4701	0	4701
2258 ILLINOIS	5160	2787	0	0	7947
2259 ILLINOIS	7479	0	0	0	7479
2262 ILLINOIS	8006	0	0	0	8006
2270 ILLINOIS	1250	0	0	0	1250
2318 KENTUCKY	1129	0	0	0	1129
2319 KENTUCKY	0	55	0	0	55
2412 TENNESSEE	1056	31	0	0	1087
2503 MISSISSIPPI	1676	1951	0	183	3810
2607 ALABAMA	45	45	0	0	90
2608 ALABAMA	0	29	0	0	29
2803 IOWA	144	0	0	0	144
2900 MISSOURI	105	707	0	0	812
3405 NEBRASKA	3458	0	0	0	3458
7302 LOUISIANA GULF	0	112	0	0	112

TOTAL VOLUME	32055	6448	4701	183	43387

TABLE 113. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2503, MISSISSIPPI

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2502 MISSISSIPPI	99	0	0	0	99
2503 MISSISSIPPI	1676	1951	0	497	4124
3100 LOUISIANA	0	1398	0	0	1398
7301 EAST GULF	0	216	0	0	216
TOTAL VOLUME	1775	3565	0	497	5837

TABLE 114. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2900, MISSOURI

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
2801 IOWA	340	271	0	0	611
2802 IOWA	12	2347	0	0	2359
2900 MISSOURI	12767	36431	0	63105	112303
3200 NORTH DAKOTA	527	0	0	0	527

TOTAL VOLUME	13646	39049	0	63105	115800

TABLE 115. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2900, MISSOURI

=====					
DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHELS)					
2318 KENTUCKY	438	0	0	0	438
2410 TENNESSEE	372	0	0	0	372
2503 MISSISSIPPI	105	707	0	0	812
2608 ALABAMA	0	0	1350	0	1350
2900 MISSOURI	12767	36431	0	0	49198
3100 LOUISIANA	120	0	1356	0	1476
3604 OKLAHOMA	524	156	0	0	680
3723 TEXAS	2568	0	0	0	2568
3745 TEXAS	312	0	0	0	312
3789 TEXAS	10	0	0	0	10
4100 NEW MEXICO	636	0	0	0	636
4704 CALIFORNIA	245	0	0	0	245
7301 EAST GULF	0	0	1000	0	1000
7302 LOUISIANA GULF	53	0	27450	0	27503
7303 NO. TEXAS GULF	2046	0	0	0	2046

TOTAL VOLUME	20196	37294	31156	0	88646

TABLE 116. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2901, MISSOURI

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
2801 IOWA		6765	2335	0	0 9100
2802 IOWA		4074	1059	0	0 5133
2803 IOWA		1294	372	0	0 1666
3404 NEBRASKA		1076	10	0	0 1086
3405 NEBRASKA		8014	94	0	0 8108
3501 KANSAS		0	9	0	0 9
3502 KANSAS		48	56	0	0 104
3503 KANSAS		776	43	0	0 819
3504 KANSAS		0	9	0	0 9
3505 KANSAS		634	152	0	0 786

TOTAL VOLUME		22681	4139	0	0 26820
=====					

TABLE 117. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2901, MISSOURI

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
2261 ILLINOIS	0	1910	0	0	1910
2262 ILLINOIS	0	211	0	0	211
2270 ILLINOIS	43	0	0	0	43
3016 ARKANSAS	6110	0	0	0	6110
3017 ARKANSAS	4367	0	0	0	4367
3038 ARKANSAS	212	0	0	0	212
3405 NEBRASKA	0	60	0	0	60
3503 KANSAS	3036	2527	0	0	5563
3505 KANSAS	41	10	0	0	51
TOTAL VOLUME	13809	4718	0	0	18527

TABLE 118. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2902, MISSOURI

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
2803 IOWA	0	392	0	0	392

TOTAL VOLUME	0	392	0	0	392

TABLE 119. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2902, MISSOURI

=====					
DESTINATION		MODE OF TRANSPORTATION			
STATE OR PORT AREA		FARM TOTAL			
		RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
2261 ILLINOIS	0	1002	0	0	1002
2802 IOWA	98	625	0	0	723

TOTAL VOLUME	98	1627	0	0	1725

TABLE 120. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2903, MISSOURI

=====					
ORIGINATING STATE OR PORT AREA	:	MODE OF TRANSPORTATION			
	:	-----			
	:	:	:	:	FARM : TOTAL
	:	RAIL :	TRUCK :	BARGE :	TRUCK :

(THOUSANDS OF BUSHELS)					
1902 INDIANA		153	0	0	0 153
1903 INDIANA		652	6	0	0 658
2258 ILLINOIS		352	6320	0	0 6672
2260 ILLINOIS		0	1983	0	0 1983
2262 ILLINOIS		175	112	0	0 287
2319 KENTUCKY		102	26	0	0 128
2801 IOWA		146	2366	0	0 2512
2802 IOWA		235	189	0	0 424
2803 IOWA		0	79	0	0 79

TOTAL VOLUME		1815	11081	0	0 12896

TABLE 121. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 2903, MISSOURI

=====					
DESTINATION STATE OR PORT AREA	:	MODE OF TRANSPORTATION			
	:	-----			
	:	:	:	:	FARM : TOTAL
	:	RAIL :	TRUCK :	BARGE :	TRUCK :

(THOUSANDS OF BUSHELS)					
2502 MISSISSIPPI		2516	0	0	0 2516
3038 ARKANSAS		24	0	0	0 24
3503 KANSAS		94	0	0	0 94

TOTAL VOLUME		2634	0	0	0 2634

TABLE 122. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2904, MISSOURI

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
:	:	:	:	:	:
:	:	RAIL	TRUCK	BARGE	TRUCK
:	:	:	:	:	:

(THOUSANDS OF BUSHELS)					
2801 IOWA		143	628	0	0
2802 IOWA		198	0	0	0
3404 NEBRASKA		21	0	0	0
3405 NEBRASKA		31	0	0	0
3503 KANSAS		364	0	0	0

TOTAL VOLUME		757	628	0	0

1385					

TABLE 123. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3401, NEBRASKA

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
:	:	:	:	:	:
:	:	RAIL	TRUCK	BARGE	TRUCK
:	:	:	:	:	:

(THOUSANDS OF BUSHELS)					
3302 SOUTH DAKOTA		0	0	0	63
3401 NEBRASKA		0	4504	0	43355
3402 NEBRASKA		0	76	0	0
3404 NEBRASKA		0	1369	0	0
3405 NEBRASKA		0	77	0	0
4000 COLORADO		0	0	0	50

TOTAL VOLUME		0	6026	0	43468

49494					

TABLE 124. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3401, NEBRASKA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
3302 SOUTH DAKOTA	0	0	0	252	252
3401 NEBRASKA	0	4504	0	7133	11637
3404 NEBRASKA	775	0	0	142	917
3405 NEBRASKA	0	9	0	53	62
3501 KANSAS	0	425	0	209	634
3601 OKLAHOMA	0	25	0	0	25
3711 TEXAS	0	2816	0	0	2816
3900 WYOMING	0	65	0	141	206
4000 COLORADO	8139	1471	0	5660	15270
4701 CALIFORNIA	750	0	0	0	750
4703 CALIFORNIA	1715	0	0	0	1715
7401 COLUMBIA RIVER	38	0	0	0	38

TOTAL VOLUME	11417	9315	0	13590	34322

TABLE 125. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3402, NEBRASKA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
3402 NEBRASKA	0	0	0	11538	11538
3403 NEBRASKA	0	0	0	119	119
3404 NEBRASKA	0	0	0	1395	1395

TOTAL VOLUME	0	0	0	13052	13052

TABLE 126. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3402, NEBRASKA

: :					
---	--	--	--	--	--

TABLE 127. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3403, NEBRASKA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA					
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
=====					
(THOUSANDS OF BUSHELS)					
2801 IOWA	11	2310	0	589	2910
3301 SOUTH DAKOTA	92	312	0	196	600
3403 NEBRASKA	1191	12657	0	51225	65073
3405 NEBRASKA	0	973	0	0	973
=====					
TOTAL VOLUME	1294	16252	0	52010	69556

TABLE 128. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3403, NEBRASKA

=====					
		MODE OF TRANSPORTATION			
DESTINATION		-----			
STATE OR PORT AREA				FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
2801	IOWA	1554	1837	0	3391
3402	NEBRASKA	0	0	119	119
3403	NEBRASKA	1191	12657	5950	19798
3404	NEBRASKA	93	10409	119	10621
3405	NEBRASKA	4036	12461	1825	18322
3502	KANSAS	0	463	0	463
3503	KANSAS	0	383	0	383
3504	KANSAS	89	0	0	89
3711	TEXAS	0	0	47	47
3723	TEXAS	0	0	47	47
4000	COLORADO	12	0	0	12
7303	NO. TEXAS GULF	1775	0	0	1775
TOTAL VOLUME		8750	38210	8107	55067

TABLE 129. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3404, NEBRASKA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	:	:	:	FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
2801 IOWA	219	8	0	157	384
3401 NEBRASKA	775	0	0	142	917
3402 NEBRASKA	272	410	0	0	682
3403 NEBRASKA	93	10409	0	119	10621
3404 NEBRASKA	15027	44630	0	178236	237893
3405 NEBRASKA	7509	11211	0	2057	20777

TOTAL VOLUME	23895	66668	0	180711	271274

TABLE 130. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3404, NEBRASKA

=====					
	MODE OF TRANSPORTATION				
DESTINATION	-----				
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
2412 TENNESSEE	3	0	0	0	3
2801 IOWA	52	0	0	0	52
2901 MISSOURI	1076	10	0	0	1086
2904 MISSOURI	21	0	0	0	21
3016 ARKANSAS	7740	0	0	0	7740
3100 LOUISIANA	197	0	0	0	197
3401 NEBRASKA	0	1369	0	0	1369
3402 NEBRASKA	0	0	0	1395	1395
3404 NEBRASKA	15027	44630	0	13829	73486
3405 NEBRASKA	1035	2205	0	2120	5360
3501 KANSAS	6680	0	0	2675	9355
3502 KANSAS	223	7491	0	1202	8916
3503 KANSAS	1525	510	0	0	2035
3504 KANSAS	70	40	0	0	110
3505 KANSAS	478	0	0	0	478
3602 OKLAHOMA	75	0	0	0	75
3604 OKLAHOMA	20	736	0	0	756
3711 TEXAS	729	0	0	0	729
3712 TEXAS	8	36	0	0	44
3723 TEXAS	60	10	0	0	70
3745 TEXAS	10	10	0	0	20
3789 TEXAS	1821	0	0	0	1821
3900 WYOMING	0	56	0	761	817
4000 COLORADO	26002	0	0	3835	29837
4300 UTAH	2351	0	0	0	2351
4400 ARIZONA	1511	36	0	0	1547
4500 WASHINGTON	3953	0	0	0	3953
4600 OREGON	1415	0	0	0	1415
4701 CALIFORNIA	13442	0	0	0	13442
4703 CALIFORNIA	34881	0	0	0	34881
4704 CALIFORNIA	12062	0	0	0	12062
4800 NEVADA	162	0	0	0	162
7301 EAST GULF	135	0	0	0	135
7302 LOUISIANA GULF	611	0	0	0	611
7303 ND. TEXAS GULF	10306	0	0	0	10306
7304 SO. TEXAS GULF	9	0	0	0	9
7401 COLUMBIA RIVER	2111	0	0	0	2111
7402 PUGET SOUND	3532	0	0	0	3532
7403 CALIFORNIA	9708	0	0	0	9708

TOTAL VOLUME	159041	57139	0	25817	241997

TABLE 131. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3405, NEBRASKA

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHELS)					
2801 IOWA	570	4899	0	570	6039
2802 IOWA	0	12	0	0	12
2901 MISSOURI	0	60	0	1456	1516
3401 NEBRASKA	0	9	0	53	62
3402 NEBRASKA	10381	0	0	0	10381
3403 NEBRASKA	4036	12461	0	1825	18322
3404 NEBRASKA	1035	2205	0	2120	5360
3405 NEBRASKA	15328	40080	0	145989	201397
3505 KANSAS	71	0	0	0	71

TOTAL VOLUME	31421	59726	0	152013	243160
=====					

TABLE 132. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3405, NEBRASKA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2503 MISSISSIPPI	3458	0	0	0	3458
2705 MINNESOTA	206	47	0	0	253
2801 IOWA	1240	10	0	0	1250
2802 IOWA	2	0	0	0	2
2901 MISSOURI	8014	94	0	0	8108
2904 MISSOURI	31	0	0	0	31
3005 ARKANSAS	117	0	0	0	117
3016 ARKANSAS	18490	1477	0	1541	21508
3017 ARKANSAS	167	0	0	0	167
3038 ARKANSAS	19	0	0	0	19
3100 LOUISIANA	127	0	0	0	127
3401 NEBRASKA	0	77	0	0	77
3403 NEBRASKA	0	973	0	0	973
3404 NEBRASKA	7509	11211	0	2057	20777
3405 NEBRASKA	15328	40080	0	6258	61666
3501 KANSAS	0	0	0	487	487
3502 KANSAS	2737	152	0	0	2889
3503 KANSAS	4137	4704	0	0	8841
3504 KANSAS	89	547	0	0	636
3505 KANSAS	1568	14	0	0	1582
3602 OKLAHOMA	182	0	0	0	182
3604 OKLAHOMA	448	1159	0	0	1607
3710 TEXAS	160	168	0	0	328
3711 TEXAS	21	0	0	324	345
3712 TEXAS	36	420	0	324	780
3723 TEXAS	294	52	0	0	346
3745 TEXAS	950	927	0	0	1877
3767 TEXAS	0	0	0	324	324
3789 TEXAS	1149	0	0	0	1149
3900 WYOMING	0	7	0	0	7
4000 COLORADO	1268	472	0	618	2358
4400 ARIZONA	32	0	0	0	32
4703 CALIFORNIA	1175	0	0	0	1175
4704 CALIFORNIA	665	0	0	0	665
7301 EAST GULF	45	0	0	0	45
7302 LOUISIANA GULF	0	0	1825	0	1825
7303 NO. TEXAS GULF	4980	0	0	0	4980
7304 SO. TEXAS GULF	20	0	0	0	20
7401 COLUMBIA RIVER	412	0	0	0	412
7402 PUGET SOUND	421	0	0	0	421
7403 CALIFORNIA	551	0	0	0	551

TOTAL VOLUME	76048	62591	1825	11933	152397

TABLE 133. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4800, NEVADA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
3404 NEBRASKA	162	0	0	0	162
TOTAL VOLUME	162	0	0	0	162

TABLE 134. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 200, NEW HAMPSHIRE

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
701 NEW YORK	86	30	0	0	116
901 PENNSYLVANIA	64	0	0	0	64
903 PENNSYLVANIA	14	0	0	0	14
TOTAL VOLUME	164	30	0	0	194

TABLE 135. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 800, NEW JERSEY

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
800 NEW JERSEY	0	0	0	2890	2890
903 PENNSYLVANIA	0	132	0	0	132
1000 DELAWARE	0	235	0	0	235
2000 MICHIGAN	377	0	0	0	377
TOTAL VOLUME	377	367	0	2890	3634

TABLE 136. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 800, NEW JERSEY

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
903 PENNSYLVANIA	0	349	0	0	349
1000 DELAWARE	0	250	0	0	250
1100 MARYLAND	0	132	0	0	132
7201 NORTH ATLANTIC	0	2159	0	0	2159

TOTAL VOLUME	0	2890	0	0	2890

TABLE 137. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4100, NEW MEXICO

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
2900 MISSOURI	636	0	0	0	636
TOTAL VOLUME	636	0	0	0	636

TABLE 138. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 4100, NEW MEXICO

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
4400 ARIZONA	0	312	0	0	312

TOTAL VOLUME	0	312	0	0	312

TABLE 139. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 701, NEW YORK

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
701 NEW YORK		109	189	0	19461 19759
901 PENNSYLVANIA		79	86	0	0 165
903 PENNSYLVANIA		18	209	0	0 227
1901 INDIANA		17	0	0	0 17
2000 MICHIGAN		0	7	0	0 7

TOTAL VOLUME		223	491	0	19461 20175

TABLE 140. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 701, NEW YORK

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
100 MAINE	1666	0	0	0	1666
200 NEW HAMPSHIRE	86	30	0	0	116
300 VERMONT	297	220	0	0	517
400 MASSACHUSETTS	82	0	0	0	82
701 NEW YORK	109	189	0	150	448
702 NEW YORK	0	196	0	0	196
703 NEW YORK	184	327	0	0	511
901 PENNSYLVANIA	92	0	0	0	92
902 PENNSYLVANIA	0	31	0	0	31
903 PENNSYLVANIA	0	77	0	0	77
1100 MARYLAND	0	61	0	0	61
7201 NORTH ATLANTIC	0	1092	0	0	1092

TOTAL VOLUME	2516	2223	0	150	4889

TABLE 141. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 702, NEW YORK

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
701 NEW YORK	0	196	0	0	196
702 NEW YORK	0	0	0	216	216
1850 OHIO	43	0	0	0	43
TOTAL VOLUME	43	196	0	216	455

TABLE 142. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 703, NEW YORK

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
=====					
(THOUSANDS OF BUSHELS)					
701 NEW YORK	184	327	0	0	511
903 PENNSYLVANIA	0	75	0	0	75
1825 OHIO	2000	0	0	0	2000
1850 OHIO	2000	0	0	0	2000
1901 INDIANA	9	0	0	0	9
1902 INDIANA	13438	0	0	0	13438
=====					
TOTAL VOLUME	17631	402	0	0	18033

TABLE 143. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1400, NORTH CAROLINA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
1400 NORTH CAROLINA		4067	48841	0	104410 157318
1500 SOUTH CAROLINA		36	792	0	0 828
1825 OHIO		12105	51	0	0 12156
1850 OHIO		42	0	0	0 42
1901 INDIANA		154	0	0	0 154
1902 INDIANA		7293	0	0	0 7293
1903 INDIANA		703	0	0	0 703
2257 ILLINOIS		2408	0	0	0 2408
2258 ILLINOIS		0	183	0	0 183
2318 KENTUCKY		101	0	0	0 101
2319 KENTUCKY		3600	0	0	0 3600
7202 SOUTH ATLANTIC		1423	1172	0	0 2595

TOTAL VOLUME		31932	51039	0	104410 187381

TABLE 144. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 1400, NORTH CAROLINA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
1100 MARYLAND	0	22	0	0	22
1400 NORTH CAROLINA	4067	48841	0	0	52908
1500 SOUTH CAROLINA	4	1153	0	0	1157
1609 GEORGIA	0	194	0	0	194
1705 FLORIDA	709	352	0	0	1061
7202 SOUTH ATLANTIC	1904	16034	2348	0	20286
TOTAL VOLUME	6684	66596	2348	0	75628

TABLE 145. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3200, NORTH DAKOTA

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHEL)					
2703 MINNESOTA	1496	0	0	0	1496
2704 MINNESOTA	0	1100	0	0	1100

TOTAL VOLUME	1496	1100	0	0	2596

TABLE 146. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3200, NORTH DAKOTA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHEL)					
2101 WISCONSIN	4867	0	0	0	4867
2701 MINNESOTA	0	20	0	0	20
2705 MINNESOTA	175	60	0	0	235
2900 MISSOURI	527	0	0	0	527
3502 KANSAS	0	4	0	0	4
3900 WYOMING	500	0	0	0	500
4300 UTAH	500	0	0	0	500
7101 DULUTH-SUPERIOR	208	40	0	0	248

TOTAL VOLUME	6777	124	0	0	6901

TABLE 147. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1825, OHIO

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHEL)					
1825 OHIO		624	33013	0	140331 173968
1850 OHIO		0	3594	0	3305 6899
1901 INDIANA		0	56	0	0 56
1902 INDIANA		0	10141	0	8554 18695
1903 INDIANA		0	194	0	3926 4120
2258 ILLINOIS		0	183	0	0 183
2319 KENTUCKY		0	0	0	747 747

TOTAL VOLUME		624	47181	0	156863 204668

TABLE 148. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1825, OHIO

=====						
	:	MODE OF TRANSPORTATION				:
DESTINATION	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
703 NEW YORK		2000	0	0	0	2000
901 PENNSYLVANIA		0	2191	0	0	2191
903 PENNSYLVANIA		2826	0	0	0	2826
1000 DELAWARE		0	105	0	0	105
1100 MARYLAND		557	360	0	0	917
1300 WEST VIRGINIA		1899	0	0	0	1899
1400 NORTH CAROLINA		12105	51	0	0	12156
1500 SOUTH CAROLINA		14828	0	0	0	14828
1603 GEORGIA		5000	0	0	0	5000
1825 OHIO		624	33013	0	0	33637
1850 OHIO		7	1829	0	0	1836
1901 INDIANA		0	40	0	0	40
1902 INDIANA		0	13	0	0	13
2319 KENTUCKY		0	2256	0	0	2256
2320 KENTUCKY		0	302	0	0	302
2410 TENNESSEE		0	276	0	0	276
2412 TENNESSEE		919	0	0	0	919
2502 MISSISSIPPI		11	97	0	0	108
2608 ALABAMA		0	0	2574	0	2574
7103 TOLEDO AREA		185	4634	0	0	4819
7201 NORTH ATLANTIC		19484	0	0	0	19486
7202 SOUTH ATLANTIC		48758	561	0	0	49319
7302 LOUISIANA GULF		0	0	28230	0	28230

TOTAL VOLUME		109205	45728	30804	0	185737

TABLE 149. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1850, OHIO

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
1825 OHIO	7	1829	0	9405	11241
1850 OHIO	5519	33133	0	79051	117703
1901 INDIANA	0	400	0	367	767
1902 INDIANA	0	1250	0	0	1250
2000 MICHIGAN	0	5037	0	2873	7910
TOTAL VOLUME	5526	41649	0	91696	138871

TABLE 150. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1850, OHIO

=====					
	:	MODE OF TRANSPORTATION			:
DESTINATION	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
100 MAINE		1934	0	0	0 1934
300 VERMONT		1022	0	0	0 1022
600 CONNECTICUT		2962	0	0	0 2962
702 NEW YORK		43	0	0	0 43
703 NEW YORK		2000	0	0	0 2000
901 PENNSYLVANIA		445	0	0	0 445
903 PENNSYLVANIA		2365	0	0	0 2365
1400 NORTH CAROLINA		42	0	0	0 42
1825 OHIO		0	3594	0	0 3594
1850 OHIO		5519	33133	0	0 38652
1901 INDIANA		0	3012	0	0 3012
7103 TOLEDO AREA		0	40800	0	0 40800
7201 NORTH ATLANTIC		3775	0	0	0 3775
7202 SOUTH ATLANTIC		42128	402	0	0 42530

TOTAL VOLUME		62235	80941	0	0 143176

TABLE 151. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3601, OKLAHOMA

=====						
ORIGINATING	:	MODE OF TRANSPORTATION				:
STATE OR PORT AREA	:	-----				:
	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
3401 NEBRASKA		0	25	0	0	25
3601 OKLAHOMA		0	0	0	5754	5754

TOTAL VOLUME		0	25	0	5754	5779

TABLE 152. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3602, OKLAHOMA

=====						
	:	MODE OF TRANSPORTATION				:
ORIGINATING	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
2801 IOWA		36	3	0	0	39
2802 IOWA		31	0	0	0	31
3404 NEBRASKA		75	0	0	0	75
3405 NEBRASKA		182	0	0	0	182
3502 KANSAS		0	246	0	0	246
3503 KANSAS		442	490	0	0	932
3504 KANSAS		0	490	0	0	490
3505 KANSAS		0	106	0	0	106
3602 OKLAHOMA		0	0	0	258	258
3711 TEXAS		0	24	0	0	24
4000 COLORADO		14	196	0	0	210

TOTAL VOLUME		780	1555	0	258	2593

TABLE 153. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3603, OKLAHOMA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	:	:	:	FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
3603 OKLAHOMA	0	0	0	188	188

TOTAL VOLUME	0	0	0	188	188

TABLE 154. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3603, OKLAHOMA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
3711 TEXAS	0	780	0	0	780

TOTAL VOLUME	0	780	0	0	780

TABLE 155. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3604, OKLAHOMA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2801 IOWA	274	0	0	0	274
2802 IOWA	66	0	0	0	66
2900 MISSOURI	524	156	0	0	680
3404 NEBRASKA	20	736	0	0	756
3405 NEBRASKA	448	1159	0	0	1607
3503 KANSAS	1331	0	0	0	1331
3604 OKLAHOMA	0	0	0	806	806

TOTAL VOLUME	2663	2051	0	806	5520

TABLE 156. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3604, OKLAHOMA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
=====					
(THOUSANDS OF BUSHELS)					
7303 NO. TEXAS GULF	92	5	0	0	97

TOTAL VOLUME	92	5	0	0	97

TABLE 157. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4600, OREGON

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
=====					
(THOUSANDS OF BUSHELS)					
2704 MINNESOTA	1605	0	0	0	1605
2705 MINNESOTA	2366	0	0	0	2366
3301 SOUTH DAKOTA	0	64	0	0	64
3302 SOUTH DAKOTA	64	13	0	0	77
3404 NEBRASKA	1415	0	0	0	1415
3502 KANSAS	147	0	0	0	147

TOTAL VOLUME	5597	77	0	0	5674

TABLE 158. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 901, PENNSYLVANIA

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
701 NEW YORK	92	0	0	0	92
901 PENNSYLVANIA	0	492	0	5807	6299
903 PENNSYLVANIA	0	40	0	0	40
1825 OHIO	0	2191	0	0	2191
1850 OHIO	445	0	0	0	445
1901 INDIANA	0	46	0	0	46
1902 INDIANA	85	0	0	0	85
2258 ILLINOIS	0	864	0	0	864
7103 TOLEDO AREA	0	0	0	668	668
TOTAL VOLUME	622	3633	0	6475	10730

TABLE 159. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 901, PENNSYLVANIA

: :					
---	--	--	--	--	--

TABLE 160. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 902, PENNSYLVANIA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
701 NEW YORK	0	31	0	2008	2039
902 PENNSYLVANIA	0	158	0	3331	3489
903 PENNSYLVANIA	0	1257	0	0	1257
TOTAL VOLUME	0	1446	0	5339	6785

TABLE 161. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 902, PENNSYLVANIA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
902 PENNSYLVANIA	0	158	0	0	158
903 PENNSYLVANIA	0	373	0	0	373
TOTAL VOLUME	0	531	0	0	531

TABLE 162. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 903, PENNSYLVANIA

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
701 NEW YORK	0	77	0	0	77
800 NEW JERSEY	0	349	0	186	535
901 PENNSYLVANIA	0	1452	0	0	1452
902 PENNSYLVANIA	0	373	0	0	373
903 PENNSYLVANIA	0	30826	0	49050	79876
1000 DELAWARE	0	500	0	0	500
1100 MARYLAND	0	515	0	0	515
1825 OHIO	2826	0	0	0	2826
1850 OHIO	2365	0	0	0	2365
1901 INDIANA	0	737	0	0	737
2000 MICHIGAN	0	391	0	0	391
2103 WISCONSIN	48	0	0	0	48
2257 ILLINOIS	1248	0	0	0	1248
2258 ILLINOIS	0	414	0	0	414
7102 CHICAGO AREA	48	0	0	0	48
7202 SOUTH ATLANTIC	0	194	0	0	194
TOTAL VOLUME	6535	35828	0	49236	91599

TABLE 163. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 903, PENNSYLVANIA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
=====					
(THOUSANDS OF BUSHELS)					
100 MAINE	7	0	0	0	7
200 NEW HAMPSHIRE	14	0	0	0	14
300 VERMONT	1	16	0	0	17
701 NEW YORK	18	209	0	0	227
703 NEW YORK	0	75	0	0	75
800 NEW JERSEY	0	132	0	0	132
901 PENNSYLVANIA	0	40	0	0	40
902 PENNSYLVANIA	0	1257	0	0	1257
903 PENNSYLVANIA	0	30826	0	0	30826
1000 DELAWARE	0	250	0	0	250
1100 MARYLAND	0	1809	0	0	1809
1200 VIRGINIA	0	36	0	0	36
7201 NORTH ATLANTIC	0	1170	0	0	1170
7202 SOUTH ATLANTIC	0	1197	0	0	1197
=====					
TOTAL VOLUME	40	37017	0	0	37057

TABLE 164. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 1500, SOUTH CAROLINA

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
1400 NORTH CAROLINA	4	1153	0	20	1177
1500 SOUTH CAROLINA	101	2437	0	19075	21613
1603 GEORGIA	476	0	0	61	537
1609 GEORGIA	0	0	0	10	10
1825 OHIO	14828	0	0	0	14828
1901 INDIANA	144	0	0	0	144
1903 INDIANA	146	0	0	0	146
2257 ILLINOIS	98	0	0	0	98
2319 KENTUCKY	140	21	0	0	161

TOTAL VOLUME	15937	3611	0	19166	38714

TABLE 165. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 1500, SOUTH CAROLINA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1200 VIRGINIA	805	0	0	0	805
1300 WEST VIRGINIA	80	20	0	0	100
1400 NORTH CAROLINA	36	792	0	0	828
1500 SOUTH CAROLINA	101	2437	0	3422	5960
1603 GEORGIA	111	199	0	0	310
1609 GEORGIA	0	0	0	44	44
1703 FLORIDA	540	0	0	0	540
7202 SOUTH ATLANTIC	1129	3225	0	0	4354

TOTAL VOLUME	2802	6673	0	3466	12941

TABLE 166. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3301, SOUTH DAKOTA

=====						
ORIGINATING STATE OR PORT AREA	:	MODE OF TRANSPORTATION				:
	:	-----				:
	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
2703 MINNESOTA	0	2559	0	0	2559	
2704 MINNESOTA	0	2143	0	0	2143	
2705 MINNESOTA	208	0	0	0	208	
3301 SOUTH DAKOTA	0	0	0	4981	4981	

TOTAL VOLUME	208	4702	0	4981	9891	

TABLE 167. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3301, SOUTH DAKOTA

=====						
	:	MODE OF TRANSPORTATION			:	
DESTINATION	:	-----			:	
STATE OR PORT AREA	:	:	:	FARM	TOTAL	
	:	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)						
2703 MINNESOTA		0	1872	0	0	1872
2704 MINNESOTA		0	379	0	0	379
2705 MINNESOTA		487	634	0	0	1121
2801 IOWA		88	179	0	0	267
3403 NEBRASKA		92	312	0	0	404
3502 KANSAS		0	4	0	0	4
3505 KANSAS		40	0	0	0	40
4600 OREGON		0	64	0	0	64
7101 DULUTH-SUPERIOR		654	73	0	0	727
7303 NO. TEXAS GULF		60	29	0	0	89
7401 COLUMBIA RIVER		322	0	0	0	322

TOTAL VOLUME		1743	3546	0	0	5289

TABLE 168. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3302, SOUTH DAKOTA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	FARM	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3302 SOUTH DAKOTA	0	0	0	3959	3959
TOTAL VOLUME	0	0	0	3959	3959

TABLE 169. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3302, SOUTH DAKOTA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHEL)					
2801 IOWA	19	586	0	0	605
4600 OREGON	64	13	0	0	77
7303 NO. TEXAS GULF	323	192	0	0	515
7402 PUGET SOUND	136	0	0	0	136

TOTAL VOLUME	542	791	0	0	1333

TABLE 170. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2410, TENNESSEE

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE*	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHEL)					
1825 OHIO	0	276	0	0	276
1901 INDIANA	155	0	0	0	155
1902 INDIANA	471	90	0	0	561
1903 INDIANA	1917	0	0	0	1917
2257 ILLINOIS	2728	0	0	0	2728
2318 KENTUCKY	3497	684	0	0	4181
2410 TENNESSEE	0	1704	0	1613	3317
2411 TENNESSEE	265	152	0	0	417
2412 TENNESSEE	100	0	0	0	100
2608 ALABAMA	50	0	0	0	50
2705 MINNESOTA	549	0	0	0	549
2803 IOWA	50	0	0	0	50
2900 MISSOURI	372	0	0	0	372

TOTAL VOLUME	10154	2906	0	1613	14673

*RECEIPTS BY BARGE ARE INCLUDED WITH RECEIPTS BY RAIL TO
AVOID DISCLOSURE OF INDIVIDUAL FIRM OPERATIONS.

TABLE 171. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2410, TENNESSEE

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
1200 VIRGINIA	0	3	0	0	3
1603 GEORGIA	0	125	0	0	125
1701 FLORIDA	51	0	0	0	51
2410 TENNESSEE	0	1704	0	750	2454
2607 ALABAMA	0	68	0	0	68
2608 ALABAMA	0	376	0	0	376
TOTAL VOLUME	51	2276	0	750	3077

TABLE 172. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2411, TENNESSEE

		MODE OF TRANSPORTATION				
ORIGINATING	STATE OR PORT AREA			FARM	TOTAL	
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
1901	INDIANA	188	0	0	0	188
1902	INDIANA	18	1170	0	0	1188
1903	INDIANA	3445	0	0	0	3445
2000	MICHIGAN	0	223	0	0	223
2256	ILLINOIS	51	0	0	0	51
2257	ILLINOIS	435	0	0	0	435
2258	ILLINOIS	89	4563	0	0	4652
2259	ILLINOIS	61	0	0	0	61
2260	ILLINOIS	51	0	0	0	51
2262	ILLINOIS	129	0	0	0	129
2318	KENTUCKY	1723	2358	0	300	4381
2319	KENTUCKY	45	522	0	0	567
2411	TENNESSEE	0	210	0	2564	2774
2412	TENNESSEE	133	0	0	0	133
2608	ALABAMA	0	42	0	10	52
3503	KANSAS	1221	0	0	0	1221
3505	KANSAS	68	0	0	0	68
TOTAL VOLUME		7657	9088	0	2874	19619

TABLE 173. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2411, TENNESSEE

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHEL)					
1609 GEORGIA	210	96	0	0	306
2318 KENTUCKY	0	785	0	0	785
2410 TENNESSEE	265	152	0	0	417
2411 TENNESSEE	0	210	0	250	460
2412 TENNESSEE	165	3171	0	0	3336
2608 ALABAMA	0	87	0	0	87

TOTAL VOLUME	640	4501	0	250	5391
=====					

TABLE 174. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2412, TENNESSEE

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE*	TRUCK	

(THOUSANDS OF BUSHEL)					
1603 GEORGIA	0	141	0	0	141
1825 OHIO	919	0	0	0	919
1902 INDIANA	0	190	0	0	190
1903 INDIANA	3306	0	0	0	3306
2256 ILLINOIS	150	0	0	0	150
2257 ILLINOIS	1466	0	0	0	1466
2258 ILLINOIS	0	1521	0	0	1521
2262 ILLINOIS	3986	0	0	0	3986
2318 KENTUCKY	1833	1752	0	76	3661
2411 TENNESSEE	165	3171	0	0	3336
2412 TENNESSEE	100	5030	0	11757	16887
2502 MISSISSIPPI	0	134	0	80	214
2803 IOWA	38	0	0	0	38
3038 ARKANSAS	0	0	0	173	173
3404 NEBRASKA	3	0	0	0	3

TOTAL VOLUME	11966	11939	0	12086	35991

*RECEIPTS BY BARGE ARE INCLUDED WITH RECEIPTS BY RAIL TO AVOID DISCLOSURE OF INDIVIDUAL FIRM OPERATIONS.

TABLE 175. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2412, TENNESSEE

=====						
		MODE OF TRANSPORTATION				
DESTINATION		-----				
STATE OR PORT AREA				FARM	TOTAL	
		RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)						
1609	GEORGIA	990	0	0	0	990
2410	TENNESSEE	100	0	0	0	100
2411	TENNESSEE	133	0	0	0	133
2412	TENNESSEE	100	5030	0	1114	6244
2501	MISSISSIPPI	223	0	0	0	223
2502	MISSISSIPPI	454	0	0	0	454
2503	MISSISSIPPI	1056	31	0	0	1087
2608	ALABAMA	0	332	0	0	332
7302	LOUISIANA GULF	0	0	2231	0	2231
TOTAL VOLUME		3056	5393	2231	1114	11794

TABLE 176. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3710, TEXAS

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
2801 IOWA		778	0	0	0 778
3405 NEBRASKA		160	168	0	0 328
3505 KANSAS		105	85	0	0 190
3710 TEXAS		0	396	0	781 1177
3711 TEXAS		51	0	0	0 51
3712 TEXAS		22	60	0	0 82
3767 TEXAS		0	55	0	0 55
3789 TEXAS		0	27	0	0 27

TOTAL VOLUME		1116	791	0	781 2688

TABLE 177. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3710, TEXAS

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3710 TEXAS	0	396	0	0	396
3745 TEXAS	0	110	0	0	110
3767 TEXAS	0	33	0	0	33
3789 TEXAS	0	375	0	0	375
9000 EXPORT	360	0	0	0	360
TOTAL VOLUME	360	914	0	0	1274

TABLE 178. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3711, TEXAS

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
				FARM	
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3401 NEBRASKA	0	2816	0	0	2816
3404 NEBRASKA	729	0	0	0	729
3405 NEBRASKA	21	0	0	0	21
3501 KANSAS	0	2420	0	0	2420
3504 KANSAS	210	0	0	0	210
3603 OKLAHOMA	0	780	0	0	780
3711 TEXAS	9859	78932	0	112692	201483
3712 TEXAS	707	1005	0	0	1712
4000 COLORADO	15	1458	0	0	1473
TOTAL VOLUME	11541	87411	0	112692	211644

TABLE 179. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3711, TEXAS

=====						
	:	MODE OF TRANSPORTATION			:	
DESTINATION	:	-----			:	
STATE OR PORT AREA	:	:	:	FARM	TOTAL	
	:	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)						
2502 MISSISSIPPI		68	0	0	0	68
3501 KANSAS		101	0	0	0	101
3602 OKLAHOMA		0	24	0	0	24
3710 TEXAS		51	0	0	0	51
3711 TEXAS		9859	78932	0	0	88791
3712 TEXAS		593	2411	0	0	3004
3723 TEXAS		754	1830	0	0	2584
3745 TEXAS		10100	804	0	0	10904
3767 TEXAS		81	249	0	0	330
3789 TEXAS		3008	1199	0	0	4207
4400 ARIZONA		0	211	0	0	211
4703 CALIFORNIA		2193	541	0	0	2734
7303 NO. TEXAS GULF		1408	527	0	0	1935

TOTAL VOLUME		28216	86728	0	0	114944

TABLE 180. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3712, TEXAS

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	RAIL	TRUCK	BARGE	FARM TRUCK	
(THOUSANDS OF BUSHELS)					
2801 IOWA	143	0	0	0	143
3404 NEBRASKA	8	36	0	0	44
3405 NEBRASKA	36	420	0	0	456
3502 KANSAS	25	418	0	0	443
3711 TEXAS	593	2411	0	0	3004
3712 TEXAS	223	8017	0	11760	20000
TOTAL VOLUME	1028	11302	0	11760	24090

TABLE 181. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3712, TEXAS

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
3710 TEXAS	22	60	0	0	82
3711 TEXAS	707	1005	0	0	1712
3712 TEXAS	223	8017	0	0	8240
3723 TEXAS	16	90	0	0	106
3745 TEXAS	454	213	0	0	667
3767 TEXAS	0	309	0	0	309
3789 TEXAS	314	314	0	0	628
4701 CALIFORNIA	3161	0	0	0	3161
4703 CALIFORNIA	404	0	0	0	404
4704 CALIFORNIA	4685	0	0	0	4685
7303 NO. TEXAS GULF	186	0	0	0	186

TOTAL VOLUME	10172	10008	0	0	20180

TABLE 182. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3723, TEXAS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2801 IOWA	300	0	0	0	300
2900 MISSOURI	2568	0	0	0	2568
3404 NEBRASKA	60	10	0	0	70
3405 NEBRASKA	294	52	0	0	346
3505 KANSAS	67	6	0	0	73
3711 TEXAS	754	1830	0	0	2584
3712 TEXAS	16	90	0	0	106
3745 TEXAS	0	10	0	0	10
3789 TEXAS	0	75	0	0	75

TOTAL VOLUME	4059	2073	0	0	6132

TABLE 183. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 3723, TEXAS

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
3745 TEXAS	227	103	0	0	330
3789 TEXAS	86	86	0	0	172
TOTAL VOLUME	313	189	0	0	502

TABLE 184. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 3745, TEXAS

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA					
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2258 ILLINOIS	497	791	0	0	1288
2262 ILLINOIS	196	0	0	0	196
2705 MINNESOTA	1232	0	0	0	1232
2801 IOWA	2131	312	0	0	2443
2900 MISSOURI	312	0	0	0	312
3404 NEBRASKA	10	10	0	0	20
3405 NEBRASKA	950	927	0	0	1877
3501 KANSAS	60	1889	0	0	1949
3503 KANSAS	953	0	0	0	953
3505 KANSAS	66	0	0	0	66
3710 TEXAS	0	110	0	0	110
3711 TEXAS	10100	804	0	0	10904
3712 TEXAS	454	213	0	0	667
3723 TEXAS	227	103	0	0	330
3745 TEXAS	186	129	0	981	1296
3767 TEXAS	0	71	0	0	71
3789 TEXAS	210	125	0	0	335

TOTAL VOLUME	17584	5484	0	981	24049

TABLE 185. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3745, TEXAS

=====						
		MODE OF TRANSPORTATION				
DESTINATION		-----				
STATE OR PORT AREA					FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)						
3723	TEXAS	0	10	0	0	10
3745	TEXAS	186	129	0	0	315
3789	TEXAS	0	480	0	0	480

TOTAL VOLUME		186	619	0	0	805

TABLE 186. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3767, TEXAS

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
3710 TEXAS	0	33	0	0	33
3711 TEXAS	81	249	0	0	330
3712 TEXAS	0	309	0	0	309
3767 TEXAS	0	61	0	1586	1647
3789 TEXAS	0	380	0	0	380
TOTAL VOLUME	81	1032	0	1586	2699

TABLE 187. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3767, TEXAS

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
3710 TEXAS	0	55	0	0	55
3745 TEXAS	0	71	0	0	71
3767 TEXAS	0	61	0	0	61
3789 TEXAS	99	142	0	0	241
4703 CALIFORNIA	213	0	0	0	213
TOTAL VOLUME	312	329	0	0	641

TABLE 188. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3789, TEXAS

=====							
		:	MODE OF TRANSPORTATION				:
ORIGINATING		:	-----				:
STATE OR PORT AREA		:	:	:	:	FARM	TOTAL
		:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)							
1901	INDIANA		270	0	0	0	270
2258	ILLINOIS		24	0	0	0	24
2801	IOWA		560	0	0	0	560
2900	MISSOURI		10	0	0	0	10
3404	NEBRASKA		1821	0	0	0	1821
3405	NEBRASKA		1149	0	0	0	1149
3505	KANSAS		66	0	0	0	66
3710	TEXAS		0	375	0	0	375
3711	TEXAS		3008	1199	0	0	4207
3712	TEXAS		314	314	0	0	628
3723	TEXAS		86	86	0	0	172
3745	TEXAS		0	480	0	0	480
3767	TEXAS		99	142	0	0	241
3789	TEXAS		15	4586	0	7445	12046

TOTAL VOLUME			7422	7182	0	7445	22049

TABLE 189. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3789, TEXAS

=====					
DESTINATION	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
3710 TEXAS		0	27	0	0 27
3723 TEXAS		0	75	0	0 75
3745 TEXAS		210	125	0	0 335
3767 TEXAS		0	380	0	0 380
3789 TEXAS		15	4586	0	0 4601
7303 NO. TEXAS GULF		0	1185	0	0 1185
7304 SO. TEXAS GULF		0	125	0	0 125

TOTAL VOLUME		225	6503	0	0 6728

TABLE 190. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4300, UTAH

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
3200 NORTH DAKOTA	500	0	0	0	500
3404 NEBRASKA	2351	0	0	0	2351
4000 COLORADO	972	399	0	0	1371
4300 UTAH	0	0	0	72	72
TOTAL VOLUME	3823	399	0	72	4294

TABLE 191. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 300, VERMONT

ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
100 MAINE	0	0	0	14	14
300 VERMONT	0	0	0	5	5
400 MASSACHUSETTS	0	0	0	6	6
700 NEW YORK	0	0	0	128	128
701 NEW YORK	297	220	0	0	517
703 NEW YORK	0	0	0	18	18
901 PENNSYLVANIA	87	0	0	0	87
903 PENNSYLVANIA	1	16	0	0	17
1850 OHIO	1022	0	0	0	1022
2000 MICHIGAN	1920	0	0	0	1920
7102 CHICAGO AREA	849	0	0	0	849
TOTAL VOLUME	4176	236	0	171	4583

TABLE 192. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 300, VERMONT

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
300 VERMONT	0	0	0	4	4
TOTAL VOLUME	0	0	0	4	4

TABLE 193. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1200, VIRGINIA

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
903 PENNSYLVANIA	0	36	0	0	36
1100 MARYLAND	0	83	0	0	83
1200 VIRGINIA	95	62	0	21007	21164
1400 NORTH CAROLINA	0	0	0	3476	3476
1500 SOUTH CAROLINA	805	0	0	0	805
1902 INDIANA	120	0	0	0	120
1903 INDIANA	798	0	0	0	798
2319 KENTUCKY	45	0	0	0	45
2410 TENNESSEE	0	3	0	0	3
7202 SOUTH ATLANTIC	0	221	359	0	580

TOTAL VOLUME	1863	405	359	24483	27110

TABLE 194. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 1200, VIRGINIA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
1200 VIRGINIA	95	62	0	2268	2425
7202 SOUTH ATLANTIC	0	0	1611	0	1611

TOTAL VOLUME	95	62	1611	2268	4036

TABLE 195. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 4500, WASHINGTON

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL

(THOUSANDS OF BUSHELS)					
2801 IOWA	40	0	0	0	40
3404 NEBRASKA	3953	0	0	0	3953

TOTAL VOLUME	3993	0	0	0	3993

TABLE 196. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 1300, WEST VIRGINIA

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
:	:	:	:	FARM	TOTAL
:	:	RAIL	TRUCK	BARGE	TRUCK
:	:	:	:	:	:
=====					
(THOUSANDS OF BUSHELS)					
1500 SOUTH CAROLINA	80	20	0	0	100
1825 OHIO	1899	0	0	0	1899
2318 KENTUCKY	302	0	0	0	302
=====					
TOTAL VOLUME	2281	20	0	0	2301

TABLE 197. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2101, WISCONSIN

=====						
ORIGINATING	:	MODE OF TRANSPORTATION				:
STATE OR PORT AREA	:	-----				:
	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
2101 WISCONSIN	0	1632	0	11413	13045	
2102 WISCONSIN	0	12	0	3	15	
2103 WISCONSIN	0	2642	0	234	2876	
2702 MINNESOTA	0	1277	0	0	1277	
2704 MINNESOTA	0	416	0	0	416	
2705 MINNESOTA	0	1777	0	0	1777	
2802 IOWA	0	15000	0	0	15000	
2803 IOWA	0	360	0	0	360	
3200 NORTH DAKOTA	4867	0	0	0	4867	
7101 DULUTH-SUPERIOR	12	8	0	0	20	

TOTAL VOLUME	4879	23124	0	11650	39653	

TABLE 198. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2101, WISCONSIN

DESTINATION		MODE OF TRANSPORTATION			
STATE OR PORT AREA				FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK
(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	0	1632	0	96	1728
2103 WISCONSIN	0	36	0	0	36
2705 MINNESOTA	0	4542	0	0	4542
7101 DULUTH-SUPERIOR	48	24	0	0	72
7102 CHICAGO AREA	0	204	0	0	204
TOTAL VOLUME	48	6438	0	96	6582

TABLE 199. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 2102, WISCONSIN

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2102 WISCONSIN	0	451	0	8951	9402
2103 WISCONSIN	0	312	0	375	687
2705 MINNESOTA	0	4400	0	0	4400
7102 CHICAGO AREA	0	240	0	0	240
TOTAL VOLUME	0	5403	0	9326	14729

TABLE 200. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 2102, WISCONSIN

DESTINATION		MODE OF TRANSPORTATION				
STATE OR PORT AREA		RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)						
2101 WISCONSIN	0	12	0	0	12	
2102 WISCONSIN	0	451	0	355	806	
2103 WISCONSIN	0	104	0	30	134	
2705 MINNESOTA	0	474	0	0	474	
7102 CHICAGO AREA	0	661	0	0	661	
TOTAL VOLUME		0	1702	0	385	2087

TABLE 201. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 2103, WISCONSIN

: MODE OF TRANSPORTATION :					
ORIGINATING	:	:	:	:	:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
:	RAIL	TRUCK	BARGE	TRUCK	:
(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	0	36	0	328	364
2102 WISCONSIN	0	104	0	55	159
2103 WISCONSIN	0	861	0	35403	36264
2256 ILLINOIS	0	0	0	1135	1135
2257 ILLINOIS	0	18	0	0	18
2260 ILLINOIS	0	18	0	0	18
2705 MINNESOTA	157	2206	0	133	2496
2802 IOWA	0	36	0	0	36
2803 IOWA	0	8793	0	92	8885
TOTAL VOLUME	157	12072	0	37146	49375

TABLE 202. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 2103, WISCONSIN

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	:	:	:	:	TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHELS)					
903 PENNSYLVANIA	48	0	0	0	48
1901 INDIANA	0	278	0	0	278
1902 INDIANA	500	2896	0	0	3396
2101 WISCONSIN	0	2642	0	3	2645
2102 WISCONSIN	0	312	0	0	312
2103 WISCONSIN	0	861	0	1857	2718
2256 ILLINOIS	0	5623	0	51	5674
2705 MINNESOTA	223	786	0	0	1009
2803 IOWA	17	4304	0	0	4321
7102 CHICAGO AREA	4467	13817	0	0	18284
7302 LOUISIANA GULF	0	0	3350	0	3350

TOTAL VOLUME	5255	31519	3350	1911	42035

TABLE 203. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 3900, WYOMING

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
3200 NORTH DAKOTA	500	0	0	0	500
3401 NEBRASKA	0	65	0	0	65
3404 NEBRASKA	0	56	0	0	56
3405 NEBRASKA	0	7	0	0	7
3900 WYOMING	0	0	0	236	236
TOTAL VOLUME	500	128	0	236	864

TABLE 204. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 3900, WYOMING

DESTINATION STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
(THOUSANDS OF BUSHELS)					
3900 WYOMING	0	0	0	45	45
TOTAL VOLUME	0	0	0	45	45

TABLE 205. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7101, DULUTH-SUPERIOR

=====					
ORIGINATING	:	MODE OF TRANSPORTATION			:
STATE OR PORT AREA	:	-----			:
:	:	:	:	FARM	TOTAL
:	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	48	24	0	0	72
2703 MINNESOTA	614	259	0	0	873
2704 MINNESOTA	3664	333	0	0	3997
2705 MINNESOTA	4	29	0	0	33
2801 IOWA	51	0	0	0	51
2802 IOWA	185	0	0	0	185
3200 NORTH DAKOTA	208	40	0	0	248
3301 SOUTH DAKOTA	654	73	0	0	727

TOTAL VOLUME	5428	758	0	0	6186

TABLE 206. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7101, DULUTH-SUPERIOR

DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
2101 WISCONSIN	12	8	0	0	20
2702 MINNESOTA	4	6	0	0	10
9000 EXPORT	0	0	5599	0	5599
TOTAL VOLUME	16	14	5599	0	5629

TABLE 207. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7102, CHICAGO AREA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
(THOUSANDS OF BUSHELS)					
1901 INDIANA	0	21034	0	0	21034
2000 MICHIGAN	0	2947	0	0	2947
2100 WISCONSIN	0	0	0	8064	8064
2101 WISCONSIN	0	204	0	33	237
2102 WISCONSIN	0	661	0	89	750
2103 WISCONSIN	4467	13817	0	275	18559
2256 ILLINOIS	1934	22463	3665	95	28157
2257 ILLINOIS	711	953	0	0	1664
2258 ILLINOIS	0	252	0	0	252
2704 MINNESOTA	107	0	0	0	107
2705 MINNESOTA	96	0	0	0	96
2801 IOWA	3457	1341	0	0	4798
2802 IOWA	8081	7992	0	0	16073
2803 IOWA	7300	4421	0	0	11721
7102 CHICAGO AREA	3259	602	531	0	4392
TOTAL VOLUME	29412	76687	4196	8556	118851

TABLE 208. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7102, CHICAGO AREA

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	

(THOUSANDS OF BUSHELS)					
100 MAINE	443	0	0	0	443
300 VERMONT	849	0	0	0	849
600 CONNECTICUT	368	0	0	0	368
903 PENNSYLVANIA	48	0	0	0	48
2102 WISCONSIN	0	240	0	0	240
2256 ILLINOIS	0	300	0	0	300
7102 CHICAGO AREA	3259	602	531	0	4392
7201 NORTH ATLANTIC	700	0	0	0	700
7202 SOUTH ATLANTIC	1502	0	0	0	1502
7302 LOUISIANA GULF	1496	0	6814	0	8310
9000 EXPORT	0	0	52083	0	52083

TOTAL VOLUME	8665	1142	59428	0	69235

TABLE 209. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7103, TOLEDO AREA

=====						
	:	MODE OF TRANSPORTATION				:
ORIGINATING	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
1825 OHIO		185	4634	0	0	4819
1850 OHIO		0	40800	0	3510	44310
1901 INDIANA		0	0	0	628	628
1902 INDIANA		0	7301	0	0	7301
2000 MICHIGAN		0	22720	0	5015	27735

TOTAL VOLUME		185	75455	0	9153	84793

TABLE 210. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7103, TOLEDO AREA

DESTINATION		MODE OF TRANSPORTATION			
STATE OR PORT AREA				FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK
(THOUSANDS OF BUSHELS)					
9000 EXPORT		0	0	84933	0 84933
TOTAL VOLUME		0	0	84933	0 84933

TABLE 211. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7104, SAGINAW AREA

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
2000 MICHIGAN	0	3576	0	0	3576
2705 MINNESOTA	19	0	0	0	19
TOTAL VOLUME	19	3576	0	0	3595

TABLE 212. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7104, SAGINAW AREA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
9000 EXPORT	0	0	3576	0	3576
TOTAL VOLUME	0	0	3576	0	3576

TABLE 213. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7201, NORTH ATLANTIC

=====						
	:	MODE OF TRANSPORTATION				:
ORIGINATING	:	-----				:
STATE OR PORT AREA	:	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK	:

(THOUSANDS OF BUSHELS)						
701 NEW YORK	0	1092	0	0	1092	
800 NEW JERSEY	0	2159	0	0	2159	
903 PENNSYLVANIA	0	1170	0	0	1170	
1825 OHIO	19486	0	0	0	19486	
1850 OHIO	3775	0	0	0	3775	
1901 INDIANA	2590	1039	0	0	3629	
1902 INDIANA	10471	0	0	0	10471	
2000 MICHIGAN	5713	0	0	0	5713	
2257 ILLINOIS	3390	0	0	0	3390	
2258 ILLINOIS	1865	0	0	0	1865	
7102 CHICAGO AREA	700	0	0	0	700	

TOTAL VOLUME	47990	5460	0	0	53450	

TABLE 214. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7201, NORTH ATLANTIC

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
9000 EXPORT	0	0	56935	0	56935
TOTAL VOLUME	0	0	56935	0	56935

TABLE 215. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7202, SOUTH ATLANTIC

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	FARM	TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK

(THOUSANDS OF BUSHELS)					
903 PENNSYLVANIA	0	1197	0	0	1197
1000 DELAWARE	0	90	1307	0	1397
1100 MARYLAND	0	6605	71	1949	8625
1200 VIRGINIA	0	0	1611	3623	5234
1400 NORTH CAROLINA	1904	16034	2348	0	20286
1500 SOUTH CAROLINA	1129	3225	0	645	4999
1603 GEORGIA	0	215	0	0	215
1825 OHIO	48758	561	0	0	49319
1850 OHIO	42128	402	0	0	42530
1901 INDIANA	44202	0	0	0	44202
1902 INDIANA	105062	0	0	0	105062
2000 MICHIGAN	14122	0	0	0	14122
2257 ILLINOIS	18006	15	0	0	18021
2258 ILLINOIS	12544	0	0	0	12544
7102 CHICAGO AREA	1502	0	0	0	1502
7202 SOUTH ATLANTIC	0	95	0	0	95

TOTAL VOLUME	289357	28439	5337	6217	329350

TABLE 216. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7202, SOUTH ATLANTIC

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
903 PENNSYLVANIA	0	194	0	0	194
1100 MARYLAND	0	81	118	0	199
1200 VIRGINIA	0	221	359	0	580
1400 NORTH CAROLINA	1423	1172	0	0	2595
7202 SOUTH ATLANTIC	0	95	0	0	95
9000 EXPORT	0	0	273802	0	273802
TOTAL VOLUME	1423	1763	274279	0	277465

TABLE 217. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 7301, EAST GULF

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	:	:	:	:	
	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHELS)					
1701 FLORIDA	87	421	117	0	625
1703 FLORIDA	564	0	0	0	564
2256 ILLINOIS	0	0	300	0	300
2258 ILLINOIS	7650	0	0	0	7650
2260 ILLINOIS	0	0	2459	0	2459
2270 ILLINOIS	0	403	0	0	403
2318 KENTUCKY	0	0	626	0	626
2319 KENTUCKY	2503	0	0	0	2503
2503 MISSISSIPPI	0	216	0	0	216
2607 ALABAMA	0	1061	2381	100	3542
2703 MINNESOTA	25	0	0	0	25
2705 MINNESOTA	0	0	196	0	196
2801 IOWA	308	0	0	0	308
2802 IOWA	267	0	0	0	267
2900 MISSOURI	0	0	1000	0	1000
3404 NEBRASKA	135	0	0	0	135
3405 NEBRASKA	45	0	0	0	45
3503 KANSAS	120	0	0	0	120

TOTAL VOLUME	11704	2101	7079	100	20984
=====					

TABLE 218. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 7301, EAST GULF

=====					
	:	MODE OF TRANSPORTATION			:
DESTINATION	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
9000 EXPORT		0	0	22320	0 22320

TOTAL VOLUME		0	0	22320	0 22320

TABLE 219. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 7302, LOUISIANA GULF

=====					
ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL

	RAIL	TRUCK	BARGE	FARM TRUCK	

(THOUSANDS OF BUSHELS)					
1825 OHIO	0	0	28230	0	28230
1901 INDIANA	2712	0	0	0	2712
1902 INDIANA	1457	0	0	0	1457
1903 INDIANA	234	0	15790	0	16024
2103 WISCONSIN	0	0	3350	0	3350
2256 ILLINOIS	0	0	228185	0	228185
2257 ILLINOIS	46935	0	0	0	46935
2258 ILLINOIS	23867	0	0	0	23867
2259 ILLINOIS	0	0	7391	0	7391
2260 ILLINOIS	1086	0	203068	0	204154
2261 ILLINOIS	0	0	41624	0	41624
2262 ILLINOIS	3704	0	17684	0	21388
2270 ILLINOIS	1526	0	0	0	1526
2318 KENTUCKY	0	0	38000	0	38000
2319 KENTUCKY	0	0	5640	0	5640
2412 TENNESSEE	0	0	2231	0	2231
2704 MINNESOTA	22772	0	0	0	22772
2705 MINNESOTA	687	0	75398	0	76085
2801 IOWA	25314	0	2760	0	28074
2802 IOWA	10255	0	0	0	10255
2803 IOWA	768	0	153689	0	154457
2900 MISSOURI	53	0	27450	0	27503
3100 LOUISIANA	0	180	0	0	180
3404 NEBRASKA	611	0	0	0	611
3405 NEBRASKA	0	0	1825	0	1825
3503 KANSAS	1644	0	0	0	1644
3505 KANSAS	132	0	0	0	132
7102 CHICAGO AREA	1496	0	6814	0	8310

TOTAL VOLUME	145253	180	859129	0	1004562

TABLE 220. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY
FIRMS IN AREA 7302, LOUISIANA GULF

=====					
DESTINATION	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
=====					
(THOUSANDS OF BUSHELS)					
1705 FLORIDA	0	0	50	0	50
2502 MISSISSIPPI	624	0	0	0	624
2503 MISSISSIPPI	0	112	0	0	112
3100 LOUISIANA	0	1764	0	0	1764
9000 EXPORT	0	0	953982	0	953982

TOTAL VOLUME	624	1876	954032	0	956532

TABLE 221. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY
FIRMS IN AREA 7303, NO. TEXAS GULF

ORIGINATING		MODE OF TRANSPORTATION				
STATE OR PORT AREA					FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
1901	INDIANA	255	0	0	0	255
2257	ILLINOIS	345	0	0	0	345
2704	MINNESOTA	2024	0	0	0	2024
2801	IOWA	27438	0	0	0	27438
2802	IOWA	20218	0	0	0	20218
2803	IOWA	12906	0	0	0	12906
2900	MISSOURI	2046	0	0	0	2046
3301	SOUTH DAKOTA	60	29	0	0	89
3302	SOUTH DAKOTA	323	192	0	0	515
3402	NEBRASKA	29	0	0	0	29
3403	NEBRASKA	1775	0	0	0	1775
3404	NEBRASKA	10306	0	0	0	10306
3405	NEBRASKA	4980	0	0	0	4980
3502	KANSAS	199	0	0	0	199
3503	KANSAS	2196	0	0	0	2196
3504	KANSAS	197	0	0	0	197
3505	KANSAS	674	0	0	0	674
3604	OKLAHOMA	92	5	0	0	97
3711	TEXAS	1408	527	0	0	1935
3712	TEXAS	186	0	0	0	186
3789	TEXAS	0	1185	0	0	1185
TOTAL VOLUME		87657	1938	0	0	89595

TABLE 222. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7303, NO. TEXAS GULF

	:	MODE OF TRANSPORTATION			:
DESTINATION	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
9000 EXPORT		0	0	91908	0 91908

TOTAL VOLUME		0	0	91908	0 91908

TABLE 223. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7304, SO. TEXAS GULF

ORIGINATING STATE OR PORT AREA	MODE OF TRANSPORTATION				TOTAL
	RAIL	TRUCK	BARGE	FARM TRUCK	
	(THOUSANDS OF BUSHELS)				
3404 NEBRASKA	9	0	0	0	9
3405 NEBRASKA	20	0	0	0	20
3503 KANSAS	501	0	0	0	501
3789 TEXAS	0	125	0	0	125
TOTAL VOLUME	530	125	0	0	655

TABLE 224. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7401, COLUMBIA RIVER

=====					
	:	MODE OF TRANSPORTATION			:
ORIGINATING	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :

(THOUSANDS OF BUSHELS)					
3301 SOUTH DAKOTA		322	0	0	0 322
3401 NEBRASKA		38	0	0	0 38
3404 NEBRASKA		2111	0	0	0 2111
3405 NEBRASKA		412	0	0	0 412

TOTAL VOLUME		2883	0	0	0 2883

TABLE 225. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7401, COLUMBIA RIVER

DESTINATION		MODE OF TRANSPORTATION				
STATE OR PORT AREA					FARM	TOTAL
		RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)						
9000 EXPORT		0	0	69	0	69
TOTAL VOLUME		0	0	69	0	69

TABLE 226. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7402, PUGET SOUND

MODE OF TRANSPORTATION					
ORIGINATING					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
2801 IOWA	4388	0	0	0	4388
3302 SOUTH DAKOTA	136	0	0	0	136
3404 NEBRASKA	3532	0	0	0	3532
3405 NEBRASKA	421	0	0	0	421
TOTAL VOLUME	8477	0	0	0	8477

TABLE 227. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7402, PUGET SOUND

=====					
	:	MODE OF TRANSPORTATION			:
DESTINATION	:	-----			:
STATE OR PORT AREA	:	:	:	:	FARM : TOTAL
	:	RAIL	TRUCK	BARGE	TRUCK :
=====					
(THOUSANDS OF BUSHELS)					
9000 EXPORT		0	0	18	0 18

TOTAL VOLUME		0	0	18	0 18

TABLE 228. 1977 CORN RECEIPTS FROM VARIOUS ORIGINS BY FIRMS IN AREA 7403, CALIFORNIA

=====					
ORIGINATING	MODE OF TRANSPORTATION				
STATE OR PORT AREA	-----				
	RAIL	TRUCK	BARGE	FARM TRUCK	TOTAL
=====					
(THOUSANDS OF BUSHELS)					
3404 NEBRASKA	9708	0	0	0	9708
3405 NEBRASKA	551	0	0	0	551
3504 KANSAS	24	0	0	0	24
3505 KANSAS	68	0	0	0	68
4703 CALIFORNIA	0	429	0	5275	5704

TOTAL VOLUME	10351	429	0	5275	16055

TABLE 229. 1977 CORN SHIPMENTS TO VARIOUS DESTINATIONS BY FIRMS IN AREA 7403, CALIFORNIA

MODE OF TRANSPORTATION					
DESTINATION					
STATE OR PORT AREA				FARM	TOTAL
	RAIL	TRUCK	BARGE	TRUCK	
(THOUSANDS OF BUSHELS)					
9000 EXPORT	0	0	13947	0	13947
TOTAL VOLUME	0	0	13947	0	13947

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