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# STAFF PAPER

**KANSAS PRODUCTION, DISPOSITION, AND MARKET  
MOVEMENT OF GRAIN SORGHUM AND CORN**

**L. Orlo Sorenson  
and  
Victor E. Eusebio\***

**October 1988  
No. 89-3**

Department of Agricultural Economics  
Kansas State University.

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Kansas State University, Manhattan, Kansas.

\*Professor and Research Associate, Department of Agricultural Economics, Kansas  
State University, Manhattan, Kansas.



Department of Agricultural Economics  
Kansas State University, Manhattan, Kansas 66506

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Kansas Production, Disposition, and Market Movement  
of Grain Sorghum and Corn\*

by

L. Orlo Sorenson

and

Victor E. Eusebio

Department of Agricultural Economics  
Kansas State University

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## Kansas Production, Disposition, and Market Movement of Grain Sorghum and Corn

This paper presents information on utilization and market flows of grain sorghum and corn produced in Kansas. Two sets of tables, one dealing with disposition and movement of grain sorghum and the other dealing with disposition and movement of corn, are the paper's central focus.

Data for construction of the tables are from (1) unpublished survey data for the 1987 crops provided by the Kansas Department of Transportation, (2) published results of grain disposition and movement studies by the Kansas Statistical Reporting Service<sup>1</sup> for the years 1980 through 1984, and (3) the results of a Kansas State University<sup>2</sup> study of market movements of Kansas grain based on the 1977 crop.

Experience with data on market movements suggests a high degree of erratic year-to-year behavior in grain movement patterns, likely resulting from short-run shifts in demand patterns, changes in crop size, changes in local feed demand conditions, changes in transport conditions, and changes in government programs. Hence, efforts are made in these data to compare the results of several surveys and identify areas of consistency in the results.

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<sup>1</sup>Kansas Grain Marketing and Transportation, Kansas Crop and Livestock Reporting Service, Kansas State Board of Agriculture.

<sup>2</sup>Market Movements of Kansas Grain, by John H. Davis, L. Orlo Sorenson, and Michael W. Babcock, Department of Agricultural Economics, Kansas State University.

### Grain Sorghum:

Table 2.1 reports production of grain sorghum of Kansas Crop Reporting Districts by year from 1980 through 1987. In surveys conducted in December each year from 1980 through 1984, the Kansas Statistical Reporting Service received information from Kansas farmers on the volume of grain sorghum sold to local elevators and on amounts used in other ways. Percentages of current year production sold to local elevators through December of each year in each crop reporting district are shown in Table 2.2. Quantities sold directly to terminals and to other farmers or feeders are also identified.

Quantities unsold in December are listed as fed to livestock or placed in storage, with quantities stored under government programs identified separately. Those quantities unsold in December and not fed to livestock or placed in storage under government programs were assumed sold to local elevators in the period from January 1 through the remainder of the crop year (Table 2.3). Five-year average percentages by district in Tables 2.2 and 2.3 are combined for an estimation of the percent of production sold to local elevators by district (Table 2.4). These percentages applied to 1987 sorghum production resulted in an estimate of 138,772 thousand bushels of grain sorghum sold to Kansas local elevators in 1987. Percent of total crop sold to other farmers and ranchers each year is shown in Table 2.5.

Destinations of grain sorghum taken from Kansas local elevators in each of the survey years are shown in Table 2.6. The table suggests a tendency for shipments to Kansas terminals to decrease and a tendency for sales to feedlots and other minor, non-terminal Kansas destinations to increase. The combination of sorghum fed on farms where produced plus volumes sold by producers to other farmers and sales to Kansas feeders by country elevators is estimated to be 50

percent of the total crop, which, at the 1987 production level, is 142 million bushels.

Destinations of sorghum leaving country elevators vary among districts (Table 2.7). In general, percentage of shipments going to terminal elevators is larger in central and eastern Kansas (except for the southeast) than in the western one-third of the State. The opposite is true for movement of grain to feedlots and other non-terminal destinations. A significant figure is the relatively small percent of local elevator shipments destined to Kansas terminal elevators. Shipments to Kansas terminals were only 19 percent of local elevator shipments in 1987. Of elevator shipments in which destinations were specified (i.e., excluding undisclosed destinations), 22.5 percent went to Kansas terminals. The average percent to Kansas terminals from smaller local elevators in 1981 through 1984 was 23.8 percent.

Using percentage of shipments to various destinations indicated in Table 2.7 and estimated total volume of sales to local elevators in 1987 shown in Table 2.4, quantities shipped by local elevators to various destinations by district are estimated in Table 2.8. Estimated grain sorghum shipment from local elevators to Kansas terminal elevators is just under 28 million bushels.

Table 2.9 estimates the distribution of origins and destinations of local elevator shipments to Kansas terminal locations, based on shipments reported in a 1987 survey. Table 2.10 estimates direct deliveries from Kansas producers to Kansas terminals. Deliveries to terminals by farmers and local elevators combined (Table 2.11) are slightly under 33 million bushels.

Percentage distribution of shipment destinations of grain sorghum from Kansas terminal elevators for selected years is reported in Table 2.12.

### Corn:

Tables 2.13 through 2.24 contain data for corn comparable to that presented for grain sorghum. These tables indicate an average production for corn of 136 million bushels in the period 1980 through 1987. Approximately 45 percent of corn production was estimated sold to local elevators annually in the period 1980 through 1984; however, approximately 60 percent of local elevator sales volume went to farmers or livestock feeders. Other Kansas destinations (almost entirely livestock feeders) varied from 44.5 percent of all corn handled by local elevators in 1981 to 65.6 percent in 1983 (Table 2.18). The same table reports 24.8 percent of local elevator shipments going to Kansas terminals in 1977 and an average of 12.5 percent for the years 1981 through 1984. In 1987, Kansas terminal elevators received a reported 7.2 percent of total shipments. However, the 1987 survey has a very significant volume of shipments for which the destination is undisclosed. Undoubtedly, a portion of those shipments went to Kansas terminal destinations. However, the total volume to terminal locations is not likely to be larger than 10 or 12 percent of total local elevator volume of 62 million bushels, i.e., not more than 6.2 to 7.5 million bushels. Estimates of corn fed to livestock within the state averaged approximately 70 percent of total production in 1981 through 1985. At the 1987 level of production, that is 109 million bushels.

### Summary:

The largest use of corn and sorghum in Kansas is as feed for livestock. This is an estimated 50 percent of sorghum production (142 million bushels) and 70 percent of corn (109 million bushels), at 1987 production levels. At current levels (1987), an estimated 138 million bushels of sorghum and 62 million



bushels of corn are sold to local elevators. Approximately 33 million and 8 million bushels of sorghum and corn, respectively, are sold to Kansas terminal elevators either directly by producers or through local elevators. Sales to elevators were relatively smaller in the western one-third of Kansas than in the remainder of the state, especially for corn.

Kansas terminal elevators located in the northeast area of Kansas (Atchison, Kansas City, and Topeka) received 61 percent of Kansas sorghum sold to terminals and 89 percent of corn. Central Kansas terminals (Salina, Wichita, and Hutchinson) received an estimated 39 percent of sorghum and 11 percent of corn.

TABLE 2.1. KANSAS GRAIN SORGHUM PRODUCTION BY CROP REPORTING DISTRICT, 1980-1987

District	Year								8-year Average	Percent
	1980	1981	1982	1983	1984	1985	1986	1987		
				1,000 bushels						
Northwest	6,543	13,947	11,972	6,700	22,094	19,215	15,550	16,560	14,073	6.18
West Central	9,331	13,865	13,549	6,767	17,747	15,283	14,585	15,980	13,388	5.88
Southwest	46,169	65,042	51,265	29,347	56,381	56,083	55,516	49,779	51,198	22.49
North Central	14,966	26,002	26,287	14,711	25,670	38,947	45,887	38,786	28,907	12.70
Central	12,793	21,519	19,904	9,487	18,156	33,684	35,811	32,400	22,969	10.08
South Central	22,953	31,192	29,815	20,359	22,647	35,755	44,330	35,625	30,334	13.32
Northeast	18,697	29,632	23,165	11,766	20,753	36,481	35,612	31,450	25,944	11.40
East Central	10,853	20,489	16,225	7,592	19,977	32,021	35,139	32,400	21,837	9.59
Southeast	7,334	16,832	15,518	9,170	13,322	29,229	28,880	31,920	19,026	8.36
State	149,640	238,520	207,700	116,100	216,750	296,700	311,250	284,900	227,676	100.00

Data Source: Kansas Statistical Reporting Service.

TABLE 2.2. PERCENT OF GRAIN SORGHUM CROPS SOLD TO LOCAL ELEVATORS BY  
KANSAS PRODUCERS THROUGH DECEMBER OF CROP YEARS, 1980-1984

District	1980	1981	1982	1983	1984	5-year Average
Percent						
Northwest	38	24	16	32	58	33.6
West Central	58	64	24	50	60	51.2
Southwest	69	36	18	64	78	53.0
North Central	33	32	18	42	52	35.4
Central	40	36	14	32	58	36.0
South Central	62	38	20	75	69	52.8
Northeast	38	24	17	36	46	32.2
East Central	53	45	22	46	50	43.2
Southeast	39	43	16	39	47	36.8
State	54	37	18	52	58	43.8

Data Source: "Kansas Grain Marketing and Transportation," Kansas  
Crop and Livestock Reporting Service, various issues.

\* Less than 0.5 percent

TABLE 2.3. ESTIMATED PERCENT OF GRAIN SORGHUM CROPS SOLD TO LOCAL  
ELEVATORS AFTER JANUARY 1\*

District	Crop Year					5-year Average
	1980	1981	1982	1983	1984	
Northwest	4.0	20.9	8.8	0.5	4.7	7.8
West Central	0.2	5.2	1.4	0.0	0.0	1.4
Southwest	1.7	1.1	1.9	12.0	4.8	4.3
North Central	6.8	3.2	6.2	4.7	4.4	5.1
Central	5.1	2.5	7.3	12.2	8.0	7.0
South Central	0.8	1.4	4.8	11.8	16.4	7.0
Northeast	6.3	4.7	5.3	7.4	8.8	6.5
East Central	6.8	3.2	4.6	29.9	10.1	13.5
Southeast	0.7	2.3	7.0	8.4	9.0	5.5

\* Estimated from Kansas Statistical Reporting Service Data

TABLE 2.4. ESTIMATED SALES OF GRAIN SORGHUM TO  
LOCAL ELEVATORS 1987-88\*

=====		
District	Percent	1,000 Bushels
<hr/>		
Northwest	41.4	6,856
West Central	52.6	8,406
Southwest	57.3	28,523
North Central	40.5	15,708
Central	43.0	13,932
South Central	59.8	21,304
Northeast	49.7	12,171
East Central	56.7	18,371
Southeast	45.8	13,501
State	48.7	138,772
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\* Estimated from data in Tables 2.1, 2.2, and 2.3.

TABLE 2.5. PERCENT OF GRAIN SORGHUM CROPS SOLD TO OTHER FARMERS  
AND RANCHERS BY KANSAS PRODUCERS 1980-1984

District	1980	1981	1982	1983	1984	5-year Average
Percent						
Northwest	20	23	16	11	6	15.2
West Central	13	5	8	10	17	10.6
Southwest	10	16	8	16	5	11.0
North Central	18	7	2	7	2	7.2
Central	13	*	4	5	4	5.2
South Central	7	3	3	8	6	5.4
Northeast	2	*	1	2	1	1.2
East Central	6	3	1	3	4	3.4
Southeast	8	21	13	12	11	13.0
State	10	8	6	9	6	7.8

Data Source: "Kansas Grain Marketing and Transportation," Kansas  
Crop and Livestock Reporting Service, various issues.

\* Less than 0.5 percent

**TABLE 2.6. DESTINATIONS OF GRAIN SORGHUM SHIPMENTS FROM KANSAS LOCAL ELEVATORS,  
VARIOUS YEARS**

Destinations	<sup>a</sup> 1977	<sup>b</sup> 1981	<sup>b</sup> 1982	<sup>b</sup> 1983	<sup>b</sup> 1984	<sup>c</sup> 1987
Percent						
Kansas Terminals	48.0	33.5	28.3	18.8	14.6	19.0
Other Kansas (includes feedlots)	18.2	29.3	45.9	43.1	36.6	34.4
Gulf Ports	8.5	6.8	3.3	7.4	6.6	2.5
Other U.S.	25.2	23.7	21.5	26.4	41.3	28.4
Mexico	0.0	0.0	0.8	1.5	0.4	0.0
Undisclosed or other	0.1	6.7	0.2	2.8	0.5	15.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

a. Kansas State University Survey

b. Kansas Crop and Livestock Reporting Service reports

c. Calculated from Kansas Department of Transportation Survey data

TABLE 2.7. DESTINATIONS OF KANSAS LOCAL ELEVATOR SHIPMENTS OF GRAIN SORGHUM  
BY CROP REPORTING DISTRICT, 1987

Destinations	District								
	NW	WC	SW	NC	C	SC	NE	EC	SE
	Percent*								
Kansas Terminals	17.1	1.3	1.4	40.5	24.6	15.2	63.6	28.2	1.1
Other Kansas (includes feedlots)	42.7	67.8	50.3	9.0	17.1	21.1	8.8	8.2	58.0
Gulf Ports	0.0	5.3	0.0	3.2	0.0	2.3	8.4	0.0	0.0
Other U.S.	9.3	7.2	32.8	31.9	40.3	43.1	12.8	44.6	30.7
Mexico	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Undisclosed	30.9	18.4	15.5	15.4	18.0	18.3	6.4	19.0	10.2
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

\* Calculated from Kansas Department of Transportation Survey Data



**TABLE 2.8. ESTIMATED AMOUNT OF GRAIN SORGHUM SHIPPED BY KANSAS LOCAL ELEVATORS 1987**

District										
Destinations	NW	WC	SE	NC	C	SC	NE	EC	SE	Total
1,000 Bushels										
Kansas Terminals	1,172	109	399	6,362	3,427	3,238	7,741	5,181	148	27,777
Other Kansas (includes feedlots)	2,928	5,699	14,347	1,414	2,382	4,495	1,071	1,506	7,830	41,672
Gulf Ports	0	445	0	503	0	490	1,022	0	0	2,460
Other U.S.	638	605	9,356	5,011	5,615	9,182	1,558	8,193	4,145	44,303
Undisclosed	2,118	1,548	4,421	2,418	2,508	3,899	779	3,491	1,378	22,560
Total	6,856	8,406	28,523	15,708	13,932	21,304	12,171	18,371	13,501	138,772

TABLE 2.9. ESTIMATED AMOUNT OF GRAIN SORGHUM SHIPPED BY KANSAS LOCAL ELEVATORS TO KANSAS  
TERMINALS, 1987\*

Terminal Elevator Locations	District									Total
	NW	WC	SW	NC	C	SC	NE	EC	SE	
Bushels										
Atchison							828	18		846
Kansas City	942	101		1,806	696		2,739	3,362	134	9,798
Topeka				205	933		3,870	1,342		6,350
Salina	230	8		2,105	349		304			2,996
Wichita					223	938		129	14	1,304
Hutchinson			399	2,246	1,226	2,300		330		6,501
Total	1,172	109	399	6,362	3,427	3,238	7,741	5,181	148	27,777

\* From Kansas Department of Transportation Survey Data

**TABLE 2.10. ESTIMATED DELIVERIES OF GRAIN SORGHUM TO TERMINAL ELEVATORS  
BY FARMERS BY DISTRICT, 1987**

Terminal Elevator Location	District								Total	
	NW	WC	SW	NC	C	SC	NE	EC		SE
1,000 bushels										
Atchison							2001			2001
Kansas City				93			352	163		608
Topeka							352	744		1096
Salina	166	160		372	34	94				826
Wichita										
Hutchinson			100		31	333				464
Total	166	160	100	465	65	427	2705	907		4995

TABLE 2.11. ESTIMATED DELIVERIES OF GRAIN SORGHUM TO KANSAS  
TERMINALS BY LOCAL ELEVATORS AND FARMERS, 1987

Terminal Elevator Location	From Farmers	From Local Elevators	Total
1,000 Bushels			
Atchison	2,001	846	2,847
Kansas City	608	9,798	10,406
Topeka	1,096	6,350	7,446
Salina	826	2,996	3,822
Wichita	0	1,304	1,304
Hutchinson	464	6,501	6,965
Total	4,995	27,777	32,772

**TABLE 2.12. ESTIMATED DISTRIBUTION OF SHIPMENTS OF GRAIN SORGHUM FROM  
TERMINAL ELEVATORS, SELECTED YEARS**

Destinations	a 1977	b 1981	b 1982	b 1983	b 1984
Other Kansas (includes feedlots)	8.0	0.1	6.5	2.8	0.0
Gulf Ports	64.8	53.4	63.8	48.2	18.8
Arizona-California	12.1	29.4	10.6	13.4	22.4
Other U.S.	8.4	1.2	0.0	10.6	16.3
Mexico	0.0	8.3	18.9	20.5	42.5
Undisclosed	6.7	7.6	0.4	4.5	0.0
Total	100.0	100.0	100.0	100.0	100.0

a. Kansas State University survey

b. Kansas Crop and Livestock Reporting Service

TABLE 2.13. KANSAS CORN PRODUCTION BY CROP REPORTING DISTRICT, 1980-1987

District	Year								8-year Average	Percent
	1980	1981	1982	1983	1984	1985	1986	1987		
	1,000 bushels									
Northwest	18,747	22,080	18,284	12,068	15,900	19,426	21,518	21,870	18,737	13.73
West Central	12,381	15,797	10,257	5,824	5,933	8,138	9,834	8,640	9,600	7.03
Southwest	50,470	57,140	51,516	36,183	43,238	53,102	61,162	45,755	49,820	36.50
North Central	6,298	11,642	9,297	6,400	9,779	10,609	13,205	10,500	9,716	7.12
Central	2,126	3,768	4,063	2,592	3,495	4,465	5,587	6,075	4,021	2.95
South Central	8,755	8,819	12,218	9,559	10,908	18,608	25,673	20,590	14,391	10.54
Northeast	9,932	22,600	20,882	5,544	11,445	21,373	27,215	23,100	17,761	13.01
East Central	1,673	13,599	10,487	3,943	6,583	13,136	13,281	14,520	9,653	7.07
Southeast	539	3,314	3,316	1,486	1,468	3,241	4,085	4,950	2,800	2.05
State	110,920	158,760	140,220	83,600	108,750	152,100	181,560	156,000	136,499	100.00

Data Source: Kansas Statistical Reporting Reporting Service.

**TABLE 2.14. PERCENT OF CORN CROPS SOLD TO LOCAL ELEVATORS BY KANSAS  
PRODUCERS THROUGH DECEMBER OF CROP YEARS 1981 THROUGH 1984**

District	1980	1981	1982	1983	1984	5-year Average
Percent						
Northwest	25	21	22	18	32	23.6
West Central	15	28	17	20	13	16.6
Southwest	33	13	21	37	33	27.4
North Central	37	61	21	46	38	40.6
Central	43	22	44	51	26	37.2
South Central	58	28	19	61	39	41.0
Northeast	40	39	34	41	39	38.5
East Central	28	35	28	31	50	34.4
Southeast	56	53	19	53	46	45.4
State	32	24	24	36	35	30.2

Data Source: "Kansas Grain Marketing and Transportation," Kansas  
Crop and Livestock Reporting Service, various issues.

TABLE 2.15. ESTIMATED PERCENT OF CORN CROP SOLD TO LOCAL ELEVATORS  
AFTER JANUARY 1\*

District	1980	1981	Crop Year		1984	5-year Average
			1982	1983		
Percent						
Northwest	5.4	6.8	6.8	4.0	12.6	7.1
West Central	12.0	0.0	4.1	0.3	2.3	3.7
Southwest	23.9	9.5	5.1	2.2	1.8	8.5
North Central	9.9	6.7	12.9	1.5	2.0	6.6
Central	42.1	4.3	11.0	0.2	0.7	11.6
South Central	20.4	4.4	0.0	2.5	0.9	5.6
Northeast	16.0	2.2	6.7	2.9	2.7	6.1
East Central	1.6	11.6	23.2	10.1	2.1	9.7
Southeast	18.5	23.1	18.7	2.4	2.3	13.0

\*Estimated from Kansas Statistical Reporting Service Data.



TABLE 2.16. ESTIMATED SALES OF CORN TO LOCAL ELEVATORS, 1987-88

District	Percent of Crop	1,000 Bushels
Northwest	30.7	6,714
West Central	20.3	1,754
Southwest	35.9	16,426
North Central	47.2	4,956
Central	48.8	2,965
South Central	46.6	9,594
Northeast	44.6	10,303
East Central	44.1	6,403
Southeast	58.4	2,891
State	45.4	62,006

TABLE 2.17. PERCENT OF CORN CROPS SOLD TO OTHER FARMERS  
AND RANCHERS BY KANSAS PRODUCERS 1980 THROUGH 1984

District	1980	1981	1982	1983	1984	5-year Average
Percent						
Northwest	45	25	25	61	27	36.6
West Central	62	33	67	76	78	63.2
Southwest	36	64	58	42	54	50.8
North Central	*	8	22	22	18	14.0
Central	3	15	33	42	59	30.4
South Central	10	22	72	22	16	28.4
Northeast	3	4	5	4	3	3.8
East Central	1	9	17	12	17	11.2
Southeast	*	5	7	9	2	4.6
State	33	37	41	39	38	37.6

Data Source: "Kansas Grain Marketing and Transportation," Kansas  
Crop and Livestock Reporting Service, various issues.

\* Less than 0.5 percent.

**TABLE 2.18. DESTINATIONS OF CORN SHIPMENTS FROM KANSAS LOCAL ELEVATORS,  
VARIOUS YEARS**

Destinations	a 1977	b 1981	b 1982	b 1983	b 1984	c 1987
	Percent					
Kansas Terminals	24.8	14.4	14.6	8.6	12.3	7.2
Other Kansas (includes feedlots)	61.5	44.5	59.8	65.6	61.8	10.8
Gulf Ports	1.2	1.4	0.0	2.3	0.0	0.0
Other U.S.	12.4	39.4	23.6	21.3	25.3	11.0
Undisclosed	0.1	0.3	2.0	2.2	0.6	27.3
Total	100.0	100.0	100.0	100.0	100.0	100.0

a. Kansas State University Survey.

b. Kansas Crop and Livestock Reporting Service reports.

c. Calculated from Kansas Department of Transportation Survey data.

TABLE 2.19. DESTINATIONS OF KANSAS LOCAL ELEVATOR SHIPMENTS OF CORN BY CROP REPORTING DISTRICT, 1987

Destinations	NW	WC	SW	NC	District	SC		NE	EC	SE
					C					
					Percent					
Kansas Terminals	5.0	0.0	0.0	0.0	4.8	0.0		33.3	8.7	0.0
Other Kansas (includes feedlots)	63.2	92.1	68.7	14.1	44.5	43.4		44.4	87.1	13.4
Gulf Ports	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Other U.S.	0.0	0.0	12.5	34.6	31.6	5.6		2.1	1.7	44.3
Undisclosed	31.8	7.9	18.8	51.3	19.1	51.0		20.2	2.5	42.3
Total	100.0	100.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0

**TABLE 2.20. ESTIMATED AMOUNT OF CORN SHIPPED BY KANSAS LOCAL ELEVATORS, 1987-88**

Destinations	NW	WC	SW	District			NE	EC	SE	Total
				NC	C	SC				
1,000 Bushels										
Kansas Terminals	336	0	0	0	142	0	3,431	557	0	4,466
Other Kansas (includes feedlots)	4,243	1,615	11,285	699	1,321	4,164	4,575	5,577	387	33,866
Gulf Ports	0	0	0	0	0	0	0	0	0	0
Other U.S.	0	0	2,053	1,715	939	537	216	109	1,281	6,850
Undisclosed	2,135	139	3,088	2,542	563	4,893	2,081	160	1,223	16,924
Total	6,714	1,754	16,426	4,956	2,965	9,594	10,303	6,403	2,891	62,106

TABLE 2.21. ESTIMATED AMOUNT OF CORN SHIPPED BY LOCAL ELEVATORS  
TO KANSAS TERMINALS, 1987

Destinations	NW	WC	SW	Origin Districts			NE	EC	SE	Total
				NC	C	SC				
1,000 bushels										
Atchison							1,081			1,081
Kansas City							1,936	557		2,493
Topeka							414			414
Salina	336				142					478
Wichita										-
Hutchinson										-
Total	336	0	0	0	142	0	3,431	557	0	4,466

**TABLE 2.22. ESTIMATED DELIVERIES OF CORN TO KANSAS TERMINAL ELEVATORS  
BY FARMERS BY DISTRICT, 1987\***

District										
Destinations	NW	WC	SW	NC	C	SC	NE	EC	SE	Total
1,000 bushels										
Atchison				101			1,811	16		1,928
Kansas City							414			414
Topeka							362	187		549
Salina				67	25					92
Wichita					24	195				219
Hutchinson						38				38
Total				168	49	233	2,587	203		3,240

\*Estimated from Kansas Crop and Livestock Reporting Service reports.

TABLE 2.23. ESTIMATED DELIVERIES OF CORN TO KANSAS TERMINALS BY LOCAL  
ELEVATORS AND FARMERS, 1987\*

Terminal Elevator Location	From Farmers	From Local Elevators	Total
	1,000 Bushels		
Atchison	1,928	1,081	3,009
Kansas City	414	2,493	2,907
Topeka	549	414	963
Salina	92	478	570
Wichita	219	0	219
Hutchinson	38	0	38
Total	3,240	4,466	7,706

\*From Tables 2.21 and 2.22.



**TABLE 2.24. DESTINATIONS OF CORN SHIPMENTS FROM KANSAS TERMINALS,  
SELECTED YEARS**

Destinations	Years				
	a	b	b	b	b
	1977	1981	1982	1983	1984
Percent					
Other Kansas (includes feedlots)	14.0	0.1	17.5	18.3	69.3
Gulf Ports (incl. Texas)	23.0	4.3	11.9	0.0	0.0
Arizona-California	4.4	12.9	4.6	1.0	0.0
Other U.S.	39.5	76.7	8.0	76.3	30.7
Mexico	0.8	0.0	57.4	4.4	0.0
Undisclosed or other	18.3	6.0	0.0	0.0	0.0
Total	100.0	100.0	100.0	100.0	100.0

a. Kansas State University Survey

b. Kansas Crop and Livestock Reporting Service Reports

