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Upper
Great Plains
Transportation Institute

Research, Education, Cooperation, Communication

NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION
STATISTICS
1985-86

UGPTI Report No. 61
March, 1987

Dennis C. Ogg
Research Assistant

North Dakota State University • Fargo 58105

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ST. PAUL, MINNESOTA 55168

UPPER GREAT PLAINS TRANSPORTATION INSTITUTE
NORTH DAKOTA STATE UNIVERSITY
FARGO, NORTH DAKOTA

NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION
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in cooperation with

NORTH DAKOTA STATE WHEAT COMMISSION
BISMARCK, NORTH DAKOTA

and

NORTH DAKOTA PUBLIC SERVICE COMMISSION
BISMARCK, NORTH DAKOTA

WAITE MEMORIAL BOOK COLLECTION
DEPARTMENT OF AGRICULTURAL AND APPLIED ECONOMICS
232 CLASSROOM OFFICE BLDG.
1994 BUFORD AVENUE, UNIVERSITY OF MINNESOTA
ST. PAUL, MINNESOTA 55108

PREFACE

The 1985-86 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Dennis C. Ogg, Research Assistant, Upper Great Plains Transportation Institute.

This report represents a continuation of analysis concerned with the patterns and methods of distributing grains and oilseeds from North Dakota. This series began with the analysis of 1956-57 data and was published in Agricultural Economics Report 14, Department of Agricultural Economics, North Dakota State University. Subsequent years' data were analyzed in Agricultural Economics Reports 15, 17, 44 and 56, and Agricultural Experiment Station Bulletin 462. The compilation and analysis of data for the year 1967-68 in this series was assumed by the Upper Great Plains Transportation Institute. Also, the data representing the 1967-68 period were the first results of the requirements of the North Dakota Public Service Commission that all North Dakota elevators report monthly movements of grains and oilseeds by truck and rail. Prior to 1967-68, these data had been estimated from questionnaires completed by a small portion or sample of country elevators.

North Dakota State Wheat Commission

Cecil Watson, Chairman, Cavalier	Ed Volk, Knox
Willard Peterson, V. Chairman, Northwood	Henry Neshem, Berthold
Elmer Dockter, Streeter	George Howe, Casselton
John Rafteseth, Elgin	

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Neal Fisher, Deputy Administrator

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Bruce Hagen
Leo M. Reinbold

Transportation Division: Jon H. Mielke, Director of Traffic

Grain Elevator Division: Maurice H. Arves

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NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS
1985-86

Objective of Report

This report represents a continuation of analyses concerned with the patterns and methods of distributing grain from North Dakota. The collection and compilation of this type of data began in 1956-57. The objective of this report, like prior reports, is to provide the necessary data base for identifying trends in the distribution of grain and oilseeds from North Dakota.

Scope of Report

Data were tabulated according to major characteristics which typically describe commodity flows. The major characteristics considered were: destination of shipment, mode of shipment, origin of shipment, time of shipment, and commodity shipped. These characteristics were defined as follows:

Destination of shipment: Minneapolis-St. Paul, Duluth-Superior, West (includes western states and North Pacific ports), and miscellaneous markets.

Mode of shipment: Rail or truck. Rail includes Commodity Credit Corporation shipments.

Origin of shipment: The nine crop reporting districts in North Dakota (Figure 1).

Time of shipment: By month, from July, 1985 to June, 1986 and previous years.

Commodity shipped: Hard red spring wheat, durum, barley, sunflower, oats, soybeans, flaxseed and corn.

Source of Data

The data used to analyze North Dakota grain distribution patterns for the period July, 1985 to June, 1986, were obtained from all country elevators in North Dakota. The data source is the North Dakota Public Service Commission's "Grain Movement Reports." Every country elevator in North Dakota is required under state statute to assemble and submit to the Public Service Commission such information desired by the commission on a monthly basis.

Organization of the Remainder of the Report

The same general commodity flow characteristics are considered in this report as in previous reports of this nature. The commodity flow characteristic "commodity shipped" is used to delineate major sections of the report. That is, flow patterns for each type of grain are described in separate sections. The sections are presented in the following order: (1) Total (total grain and oilseed shipments), (2) Wheat (hard red spring wheat), (3) Durum, (4) Barley, (5) Sunflower, (6) Oats, (7) Soybeans, (8) Flaxseed, and (9) Corn.

Readers should note changes made in the 1984-85 hard red spring wheat, oats and flaxseed data. Data contained in UGPTI Report No. 59, "North Dakota Grain and Oilseed Transportation Statistics, 1984-85" were reported incorrectly. The corrections are included in this report.

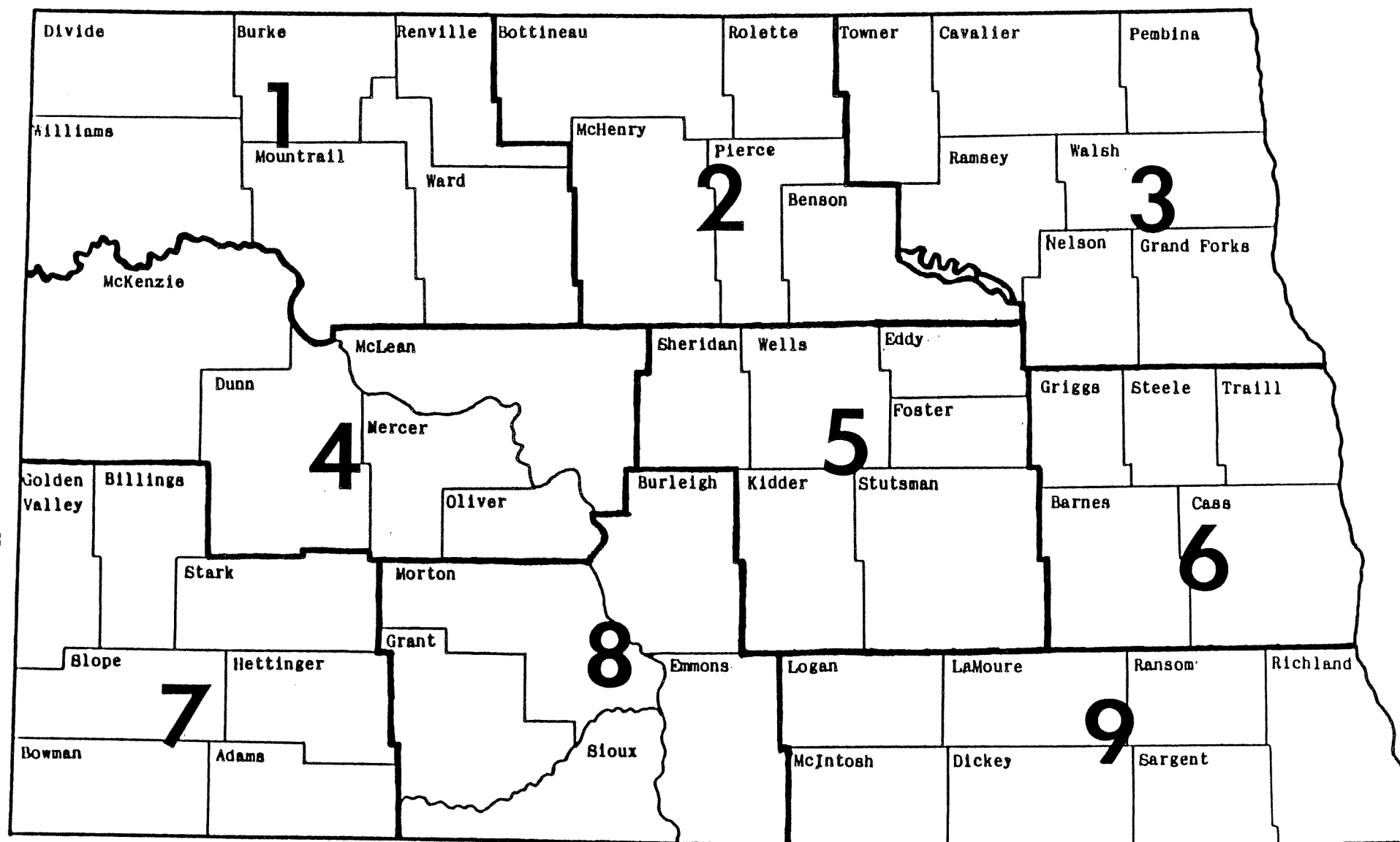


Figure 1. North Dakota Crop Reporting Districts and Counties.

TOTAL

NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
1976-1986

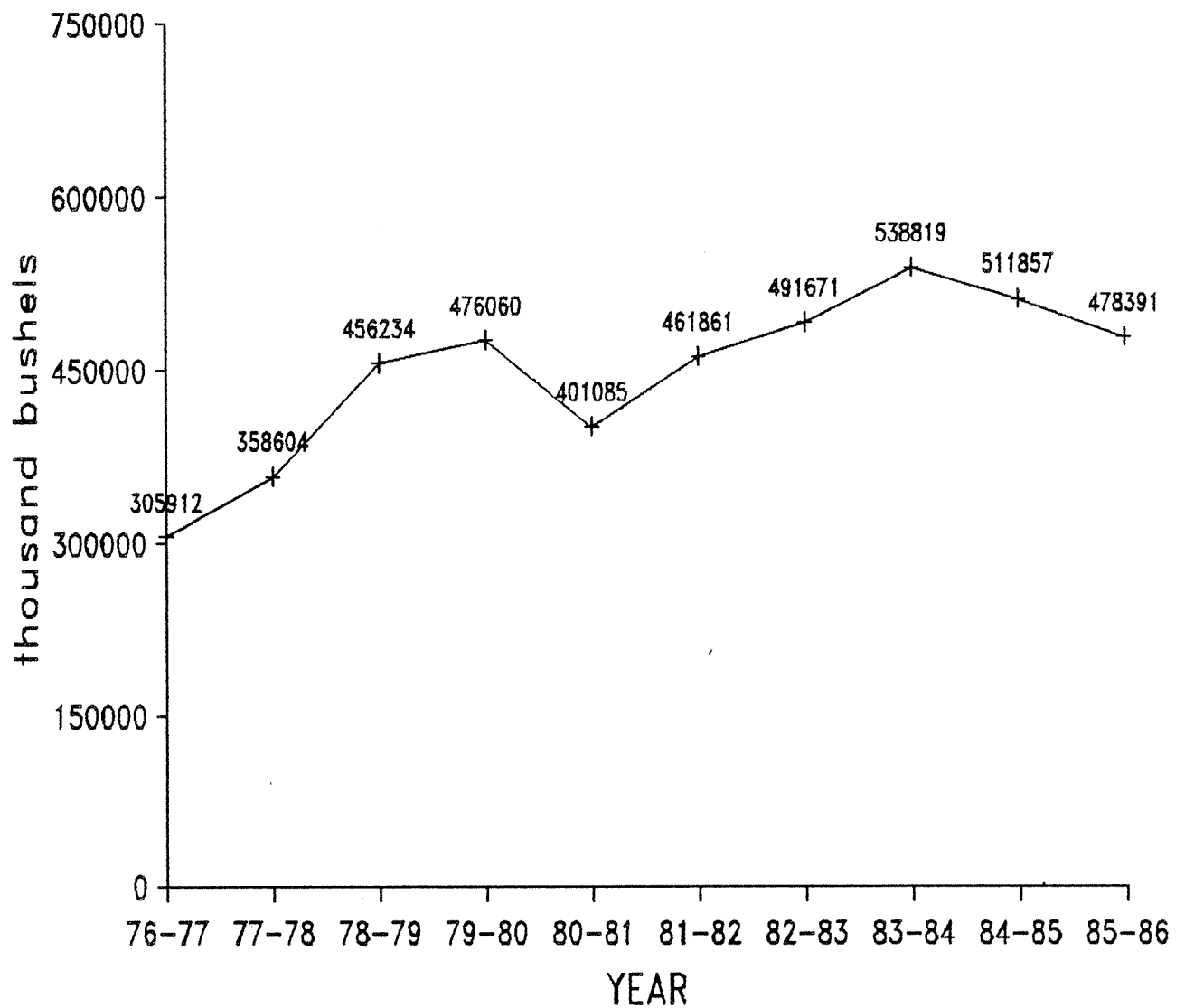
YEAR	HARD RED SPRING	DURUM	BARLEY	SUNFLOWERS	OATS	SOYBEANS	FLAXSEED	MISC.	CORN	TOTAL
(thousand bu.)										
1976-77	123,976 (41%)	65,024 (21%)	73,314 (24%)	15,622 (5%)	12,158 (4%)	1,941 (1%)	4,883 (2%)	8,994 (3%)	N.A.	305,912 (100%)
1977-78	127,953 (36%)	88,366 (25%)	63,115 (18%)	51,278 (14%)	10,492 (3%)	1,776 (1%)	6,174 (2%)	9,450 (3%)	N.A.	358,604 (100%)
1978-79	184,923 (41%)	88,659 (19%)	69,648 (15%)	79,253 (17%)	12,087 (3%)	2,943 (1%)	4,541 (1%)	14,180 (3%)	N.A.	456,234 (100%)
1979-80	169,573 (36%)	94,581 (20%)	78,621 (17%)	95,940 (20%)	7,959 (2%)	5,452 (1%)	4,580 (1%)	19,358 (4%)	N.A.	476,064 (100%)
1980-81	126,115 (31%)	63,193 (16%)	62,672 (15%)	114,866 (28%)	3,515 (1%)	3,109 (1%)	4,176 (1%)	9,498 (2%)	13,941 (3%)	401,085 (100%)
1981-82	148,169 (32%)	81,881 (17%)	79,801 (17%)	111,496 (24%)	8,379 (2%)	5,801 (1%)	3,644 (1%)	12,232 (3%)	10,460 (2%)	461,862 (100%)
1982-83	178,800 (36%)	79,132 (16%)	70,106 (14%)	121,744 (25%)	10,583 (2%)	7,687 (2%)	4,883 (1%)	8,219 (2%)	10,518 (2%)	491,671 (100%)
1983-84	163,305 (30%)	84,941 (16%)	106,645 (20%)	103,449 (19%)	21,261 (4%)	12,504 (2%)	4,235 (1%)	10,014 (2%)	32,463 (6%)	538,818 (100%)
1984-85	183,109 (36%)	80,670 (16%)	106,030 (21%)	77,412 (15%)	11,232 (2%)	14,292 (3%)	4,098 (1%)	12,389 (2%)	22,623 (4%)	511,855 (100%)
1985-86	181,089 (38%)	87,344 (18%)	105,436 (22%)	53,541 (11%)	7,706 (2%)	12,116 (3%)	5,503 (1%)	12,261 (3%)	13,394 (3%)	478,390 (100%)
3 Year Average	175,834 (35%)	84,318 (17%)	106,037 (21%)	78,134 (15%)	13,400 (3%)	12,971 (3%)	4,612 (1%)	11,555 (2%)	22,827 (4%)	509,688 (100%)

NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
		(thousand bu.)			
1976-77	109,620 (36%)	128,044 (42%)	20,823 (7%)	47,425 (16%)	305,912 (100%)
1977-78	85,231 (24%)	192,925 (54%)	29,031 (8%)	51,417 (14%)	358,604 (100%)
1978-79	93,353 (20%)	250,653 (55%)	46,413 (10%)	65,814 (14%)	456,233 (100%)
1979-80	119,711 (25%)	230,544 (48%)	46,954 (10%)	78,856 (17%)	476,065 (100%)
1980-81	81,487 (20%)	184,825 (46%)	39,975 (10%)	94,798 (24%)	401,085 (100%)
1981-82	92,099 (20%)	230,899 (50%)	37,006 (8%)	101,859 (22%)	461,862 (100%)
1982-83	122,745 (25%)	201,427 (41%)	45,240 (9%)	122,259 (25%)	491,671 (100%)
1983-84	134,312 (25%)	195,942 (36%)	59,203 (11%)	149,362 (28%)	538,818 (100%)
1984-85	129,455 (25%)	178,299 (35%)	61,002 (12%)	143,099 (28%)	511,856 (100%)
1985-86	131,879 (28%)	109,232 (23%)	44,812 (9%)	192,467 (40%)	478,391 (100%)
3 Year Average	131,882 (26%)	161,158 (31%)	55,006 (11%)	161,643 (32%)	509,688 (100%)

ALL COMMODITY SHIPMENTS

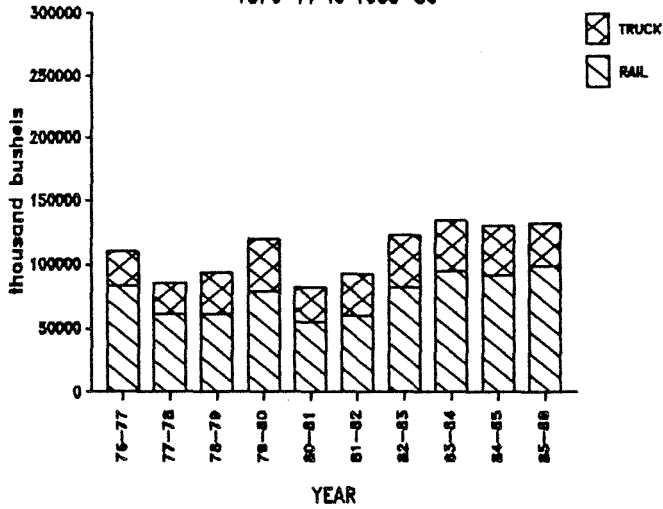
1976-77 to 1985-86



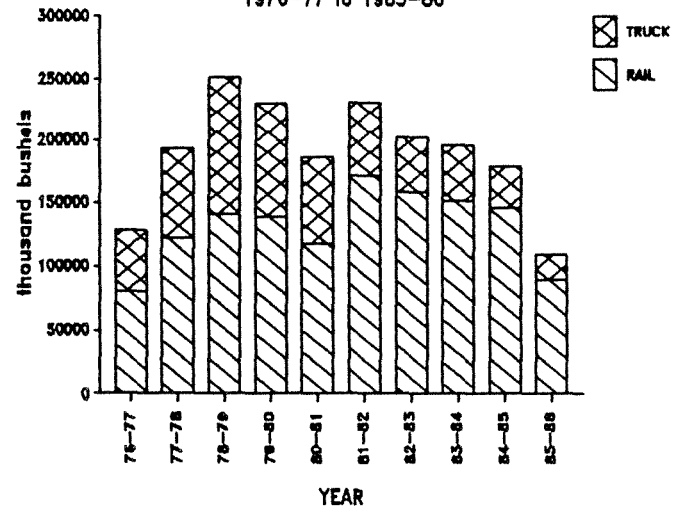
NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	82,764 (76%)	26,856 (24%)	80,207 (63%)	47,837 (37%)	11,703 (56%)	9,120 (44%)	30,455 (64%)	16,970 (36%)	205,129 (67%)	100,783 (33%)
1977-78	60,859 (71%)	24,372 (29%)	121,899 (63%)	71,025 (37%)	19,386 (67%)	9,645 (33%)	33,034 (64%)	18,384 (36%)	235,178 (66%)	123,426 (34%)
1978-79	61,186 (66%)	32,168 (34%)	140,112 (56%)	110,541 (44%)	33,461 (72%)	12,952 (28%)	36,310 (55%)	29,504 (45%)	271,069 (59%)	185,165 (41%)
1979-80	79,040 (60%)	40,672 (40%)	138,313 (66%)	92,225 (34%)	31,878 (68%)	15,076 (32%)	45,106 (57%)	33,750 (43%)	294,342 (62%)	181,724 (38%)
1980-81	54,815 (67%)	26,672 (33%)	117,168 (63%)	67,657 (37%)	25,549 (64%)	14,426 (36%)	54,406 (57%)	40,392 (43%)	251,938 (63%)	149,147 (37%)
1981-82	60,345 (66%)	31,753 (34%)	170,762 (74%)	60,136 (26%)	24,165 (65%)	12,841 (35%)	62,032 (61%)	39,827 (39%)	317,304 (69%)	144,558 (31%)
1982-83	81,525 (66%)	41,220 (34%)	158,282 (78%)	43,145 (21%)	30,108 (67%)	15,132 (33%)	70,546 (58%)	51,713 (42%)	340,461 (69%)	151,210 (31%)
1983-84	94,392 (70%)	39,920 (30%)	150,766 (77%)	45,176 (23%)	49,055 (83%)	10,148 (17%)	98,897 (66%)	50,465 (34%)	393,110 (73%)	145,709 (30%)
1984-85	90,807 (70%)	38,648 (30%)	145,495 (82%)	32,804 (18%)	51,786 (85%)	9,217 (15%)	86,921 (61%)	56,179 (39%)	375,009 (73%)	136,847 (27%)
1985-86	99,046 (75%)	32,833 (25%)	88,796 (81%)	20,436 (19%)	38,091 (85%)	6,722 (15%)	129,454 (67%)	63,013 (33%)	355,387 (74%)	123,004 (26%)
3 Year Average	94,748 (72%)	37,134 (28%)	128,352 (80%)	32,805 (20%)	46,311 (84%)	8,696 (16%)	105,091 (65%)	56,552 (35%)	374,502 (73%)	135,187 (27%)

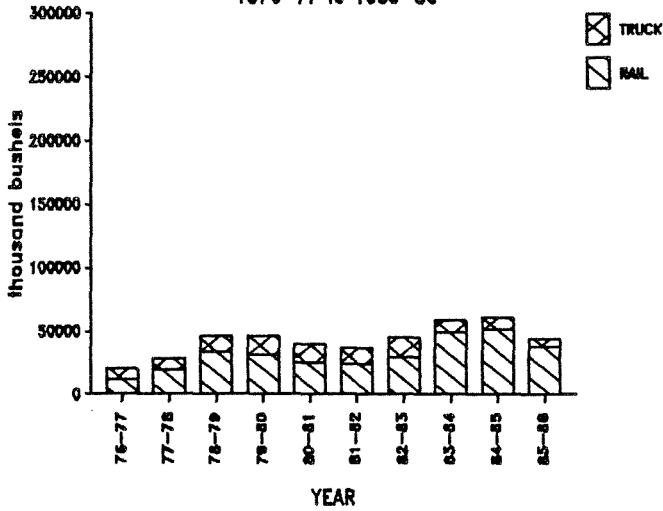
ALL SHIPMENTS TO MPLS
1976-77 to 1985-86



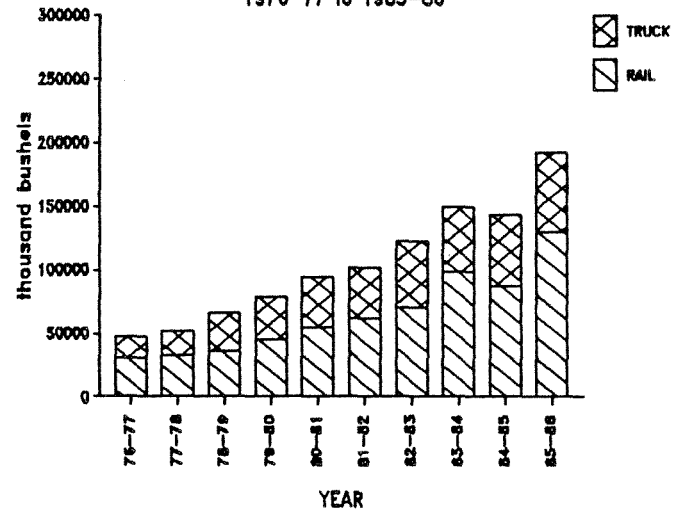
ALL SHIPMENTS TO D/S
1976-77 to 1985-86



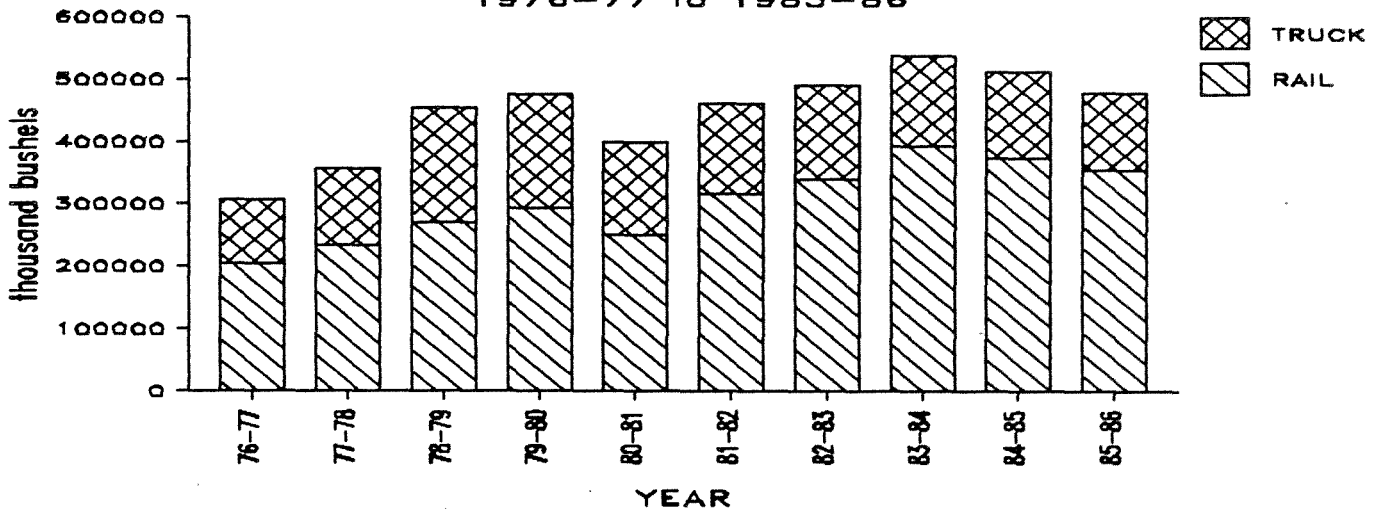
ALL SHIPMENTS TO WEST
1976-77 to 1985-86



ALL SHIPMENTS TO MISC
1976-77 to 1985-86



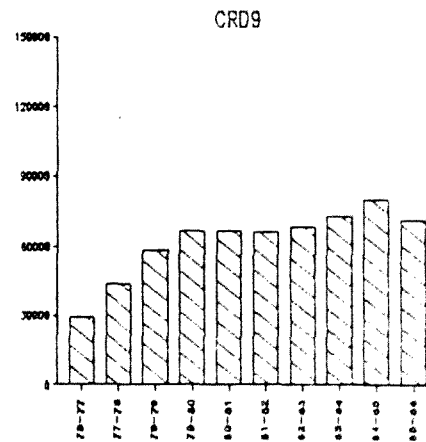
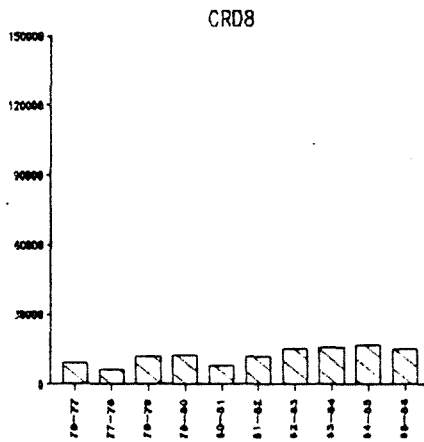
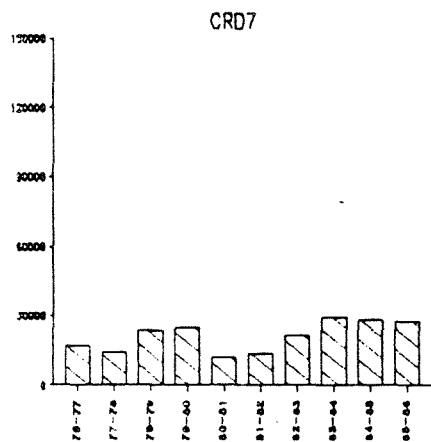
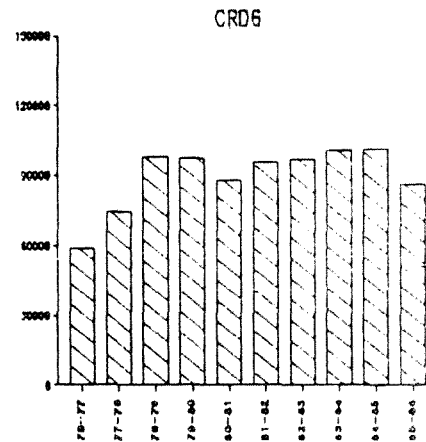
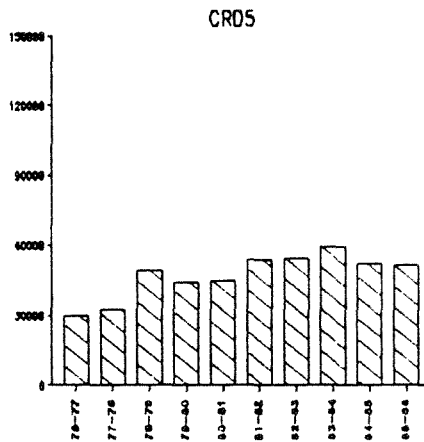
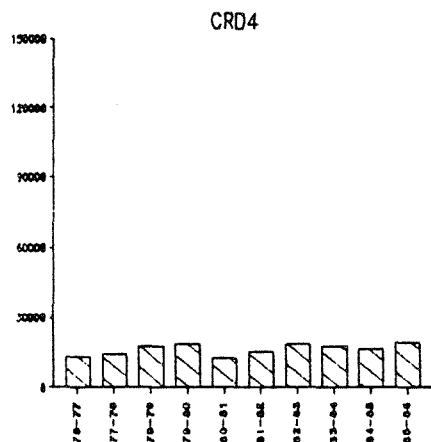
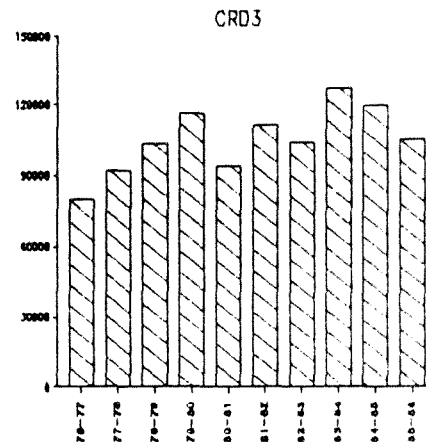
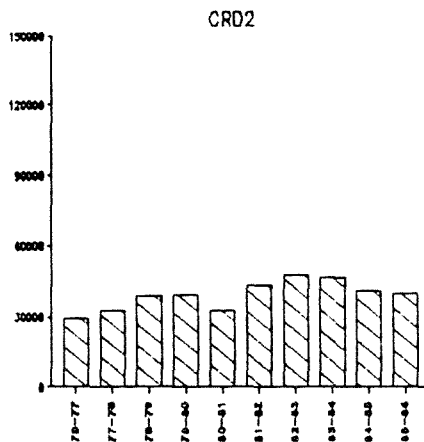
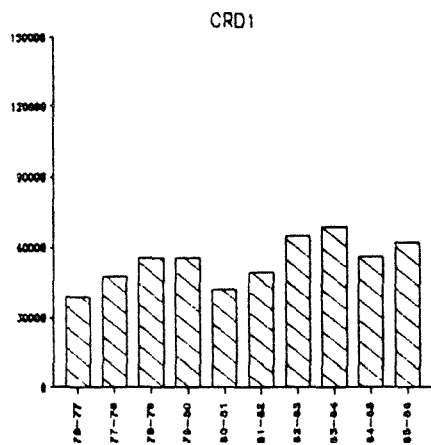
ALL COMMODITY SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	38,628 (13%)	29,421 (10%)	80,085 (26%)	13,315 (4%)	29,763 (10%)	58,924 (19%)	17,044 (6%)	9,454 (3%)	29,280 (10%)	305,914 (100%)
1977-78	47,881 (13%)	32,552 (9%)	92,607 (26%)	14,323 (4%)	32,575 (9%)	74,423 (21%)	14,150 (4%)	6,373 (2%)	43,721 (12%)	358,605 (100%)
1978-79	55,802 (12%)	38,668 (8%)	103,393 (23%)	17,394 (4%)	49,133 (11%)	97,722 (21%)	23,776 (5%)	12,099 (3%)	58,249 (13%)	456,236 (100%)
1979-80	55,571 (12%)	39,278 (8%)	116,150 (24%)	18,722 (4%)	44,364 (9%)	97,513 (20%)	24,865 (5%)	12,761 (3%)	66,843 (14%)	476,067 (100%)
1980-81	41,942 (10%)	32,879 (8%)	94,203 (24%)	12,540 (3%)	44,670 (11%)	88,147 (22%)	12,060 (3%)	7,864 (2%)	66,779 (17%)	401,085 (100%)
1981-82	49,664 (11%)	43,480 (9%)	111,527 (24%)	15,078 (3%)	54,129 (12%)	95,952 (20%)	13,820 (3%)	11,984 (2%)	66,228 (14%)	461,862 (100%)
1982-83	64,835 (13%)	47,675 (10%)	103,975 (21%)	18,459 (4%)	54,562 (11%)	96,897 (20%)	21,755 (4%)	15,245 (3%)	68,266 (14%)	491,671 (100%)
1983-84	69,142 (13%)	46,862 (9%)	127,082 (24%)	17,675 (3%)	59,256 (11%)	100,845 (19%)	29,322 (5%)	15,796 (3%)	72,839 (14%)	538,818 (100%)
1984-85	56,106 (11%)	40,973 (9%)	119,549 (23%)	16,346 (3%)	51,963 (10%)	101,475 (20%)	28,236 (5%)	16,856 (3%)	80,352 (15%)	511,856 (100%)
1985-86	62,459 (13%)	39,674 (8%)	104,951 (22%)	19,214 (4%)	51,713 (11%)	86,015 (18%)	27,497 (6%)	15,567 (3%)	71,301 (15%)	478,391 (100%)
3 Year Average	62,569 (12%)	42,503 (9%)	117,194 (23%)	17,745 (3%)	54,311 (11%)	96,112 (19%)	28,352 (6%)	16,073 (3%)	74,831 (15%)	512,388 (100%)

ALL GRAIN AND OILSEED SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)

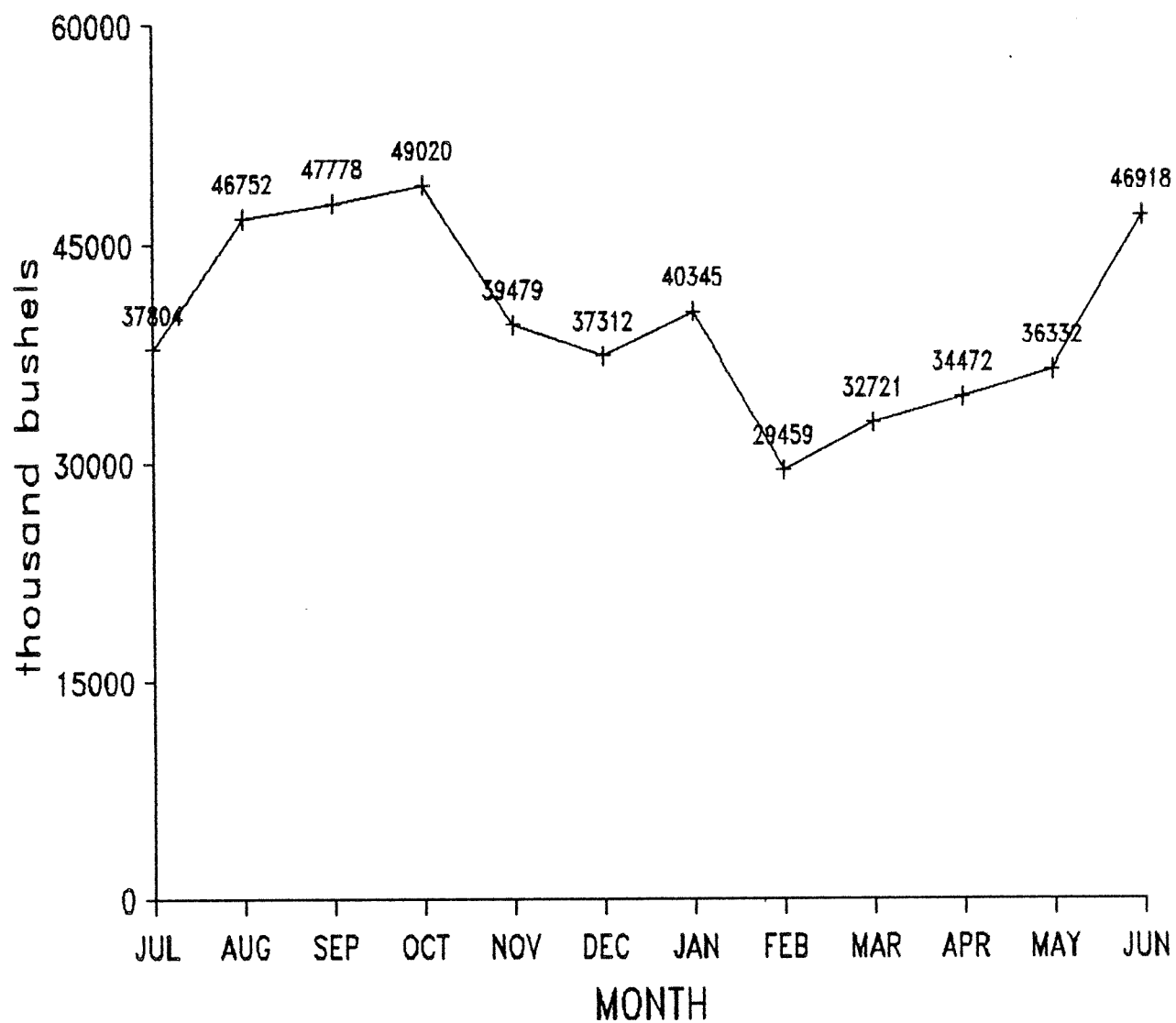


NORTH DAKOTA GRAIN AND OILSEED MOVEMENT BY MONTH
July, 1985 - June, 1985

MONTH	HRS	DURUM	SOYBEANS	FLAXSEED	BARLEY	OATS	CORN	SUNFLOWERS	MISC.	TOTAL
-----thousand bushels-----										
July	12,461	5,758	1,200	169	10,957	507	2,243	3,461	1,048	37,804
August	17,867	7,289	436	174	16,269	1,069	945	1,553	1,150	46,752
September	23,002	10,779	352	781	9,189	928	614	1,308	825	47,778
October	18,693	9,218	2,566	1,956	7,881	687	1,233	5,471	1,315	49,020
November	14,008	5,749	740	582	5,673	573	2,312	9,109	733	39,479
December	13,646	5,642	981	358	7,371	717	1,657	6,042	898	37,312
January	14,165	7,991	596	346	9,053	826	950	5,134	1,284	40,345
February	9,158	7,524	1,558	387	5,591	486	970	3,007	778	29,459
March	11,675	7,146	1,210	172	6,307	659	987	3,607	958	32,721
April	15,557	6,870	1,025	209	5,337	354	493	3,522	1,105	34,472
May	14,980	6,069	654	112	8,142	281	421	4,620	1,503	36,332
June	15,877	7,309	799	256	13,666	619	569	6,707	1,116	46,918
Total	181,089	87,344	12,117	5,502	105,436	7,706	13,394	53,541	12,263	478,392

ALL COMMODITY SHIPMENTS

BY MONTH, 1985-86

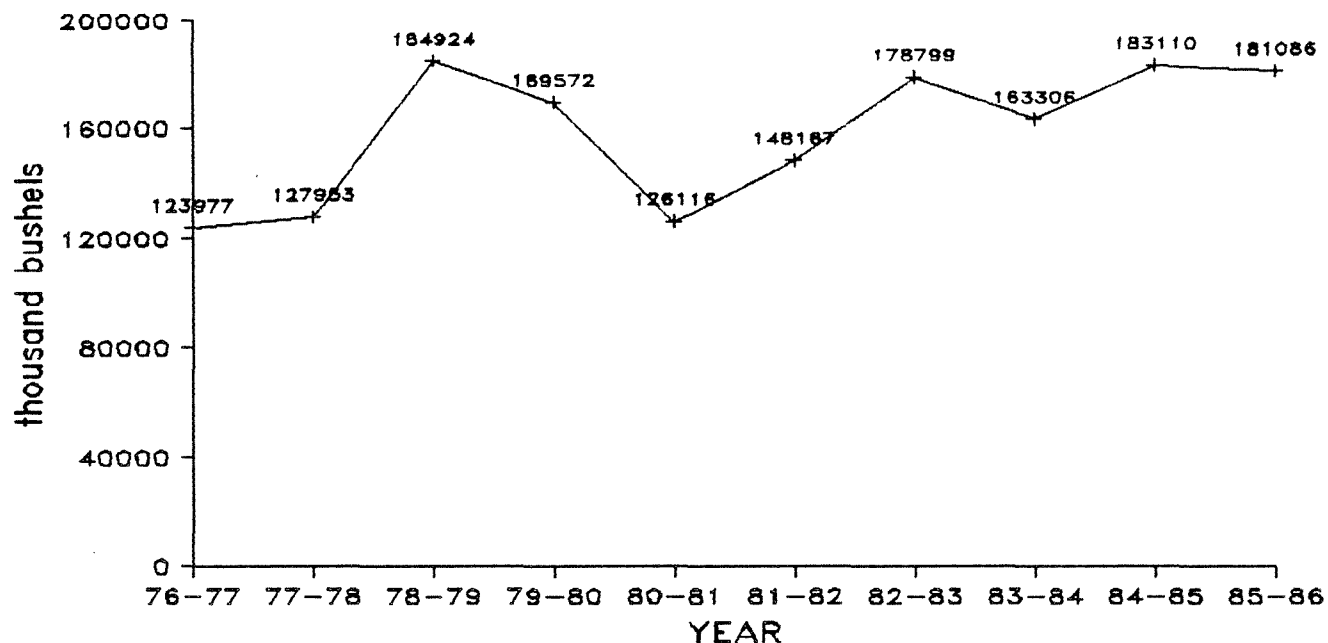


WHEAT

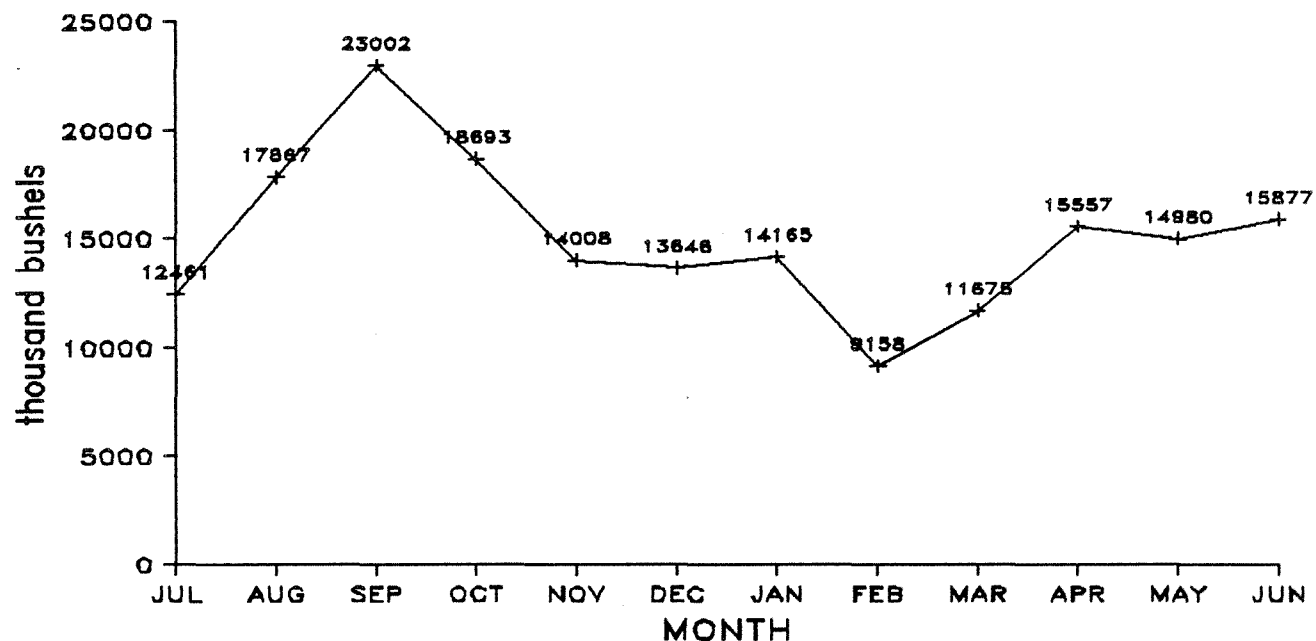
NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77	38,230 (31%)	53,419 (43%)	16,675 (13%)	15,651 (13%)	123,975 (100%)
1977-78	28,199 (22%)	65,832 (51%)	21,502 (17%)	12,402 (10%)	127,953 (100%)
1978-79	28,846 (16%)	108,717 (59%)	34,818 (19%)	12,542 (7%)	184,923 (100%)
1979-80	44,031 (26%)	76,887 (45%)	31,377 (19%)	17,278 (10%)	169,573 (100%)
1980-81	27,981 (22%)	62,608 (50%)	23,074 (18%)	12,453 (10%)	126,116 (100%)
1981-82	31,584 (21%)	77,113 (52%)	25,325 (17%)	14,146 (10%)	148,168 (100%)
1982-83	49,562 (28%)	79,160 (44%)	34,527 (19%)	15,550 (9%)	178,800 (100%)
1983-84	48,696 (30%)	66,518 (41%)	29,091 (18%)	19,000 (12%)	163,305 (100%)
1984-85	66,796 (36%)	56,002 (31%)	28,452 (16%)	31,859 (17%)	183,109 (100%)
1985-86	68,458 (38%)	48,723 (27%)	21,311 (12%)	42,597 (24%)	181,088 (100%)
3 Year Average	61,317 (35%)	57,081 (33%)	26,285 (15%)	31,152 (17%)	175,834 (100%)

HARD RED SPRING WHEAT SHIPMENTS 1976-77 to 1985-86



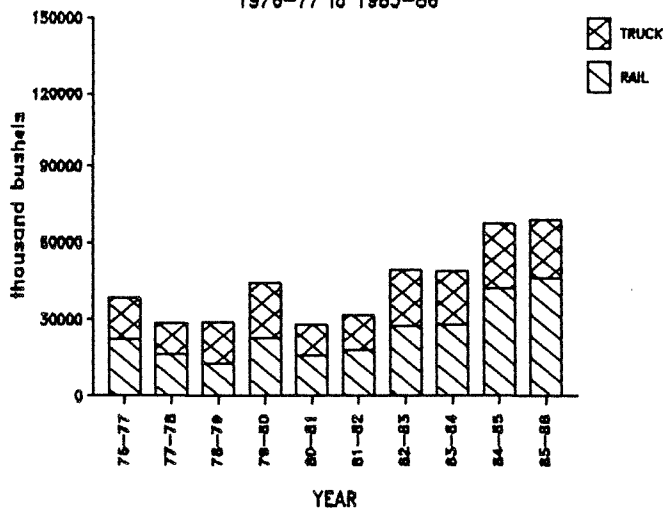
HARD RED SPRING WHEAT SHIPMENTS BY MONTH, 1985-86



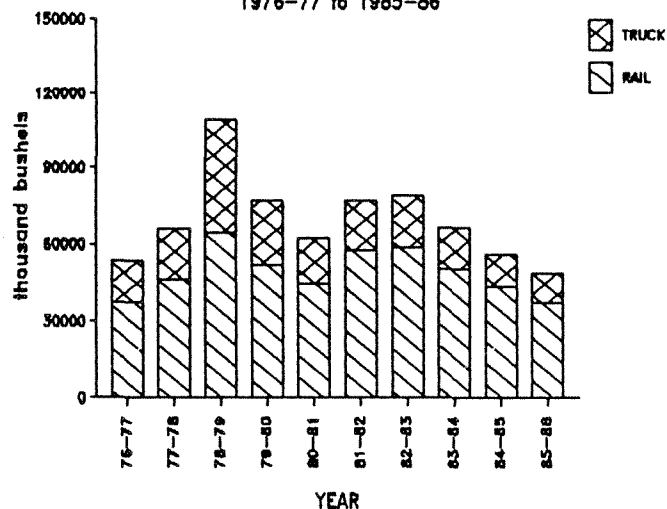
NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	22,206 (58%)	16,024 (42%)	37,140 (70%)	16,280 (30%)	10,629 (64%)	6,047 (36%)	12,249 (78%)	3,402 (22%)	82,224 (66%)	41,753 (33%)
1977-78	16,211 (57%)	11,988 (43%)	46,283 (70%)	19,548 (30%)	14,630 (68%)	6,873 (32%)	9,385 (76%)	3,035 (24%)	86,509 (68%)	41,444 (32%)
1978-79	12,762 (44%)	16,084 (56%)	64,230 (59%)	44,487 (41%)	24,389 (70%)	10,429 (30%)	7,429 (59%)	5,114 (41%)	108,810 (59%)	76,114 (41%)
1979-80	22,476 (51%)	21,555 (49%)	51,970 (67%)	24,917 (33%)	19,337 (62%)	12,040 (38%)	12,481 (72%)	4,796 (28%)	106,265 (63%)	63,308 (37%)
1980-81	15,942 (57%)	12,039 (43%)	44,702 (71%)	17,906 (29%)	12,444 (54%)	10,630 (46%)	9,670 (78%)	2,783 (22%)	82,758 (66%)	43,358 (34%)
1981-82	18,080 (57%)	13,504 (43%)	57,821 (74%)	19,292 (26%)	15,709 (62%)	9,616 (38%)	9,709 (68%)	4,436 (32%)	101,319 (68%)	46,848 (32%)
1982-83	27,413 (55%)	22,149 (45%)	58,601 (74%)	20,559 (26%)	23,371 (68%)	11,156 (32%)	9,798 (63%)	5,752 (37%)	119,183 (67%)	59,616 (33%)
1983-84	28,087 (49%)	20,609 (51%)	50,383 (76%)	16,136 (24%)	20,523 (71%)	8,568 (29%)	13,020 (69%)	5,980 (31%)	112,013 (69%)	51,292 (31%)
1984-85	42,183 (63%)	24,613 (37%)	43,780 (78%)	12,223 (22%)	21,322 (75%)	7,130 (25%)	22,765 (71%)	9,094 (29%)	130,049 (71%)	53,061 (29%)
1985-86	46,269 (68%)	22,189 (32%)	37,313 (77%)	11,409 (23%)	16,478 (77%)	4,832 (23%)	31,648 (74%)	10,948 (26%)	131,709 (73%)	49,379 (27%)
3 Year Average	36,180 (60%)	22,470 (40%)	43,825 (77%)	13,256 (23%)	19,441 (74%)	6,843 (26%)	22,478 (72%)	8,674 (28%)	124,590 (71%)	51,244 (29%)

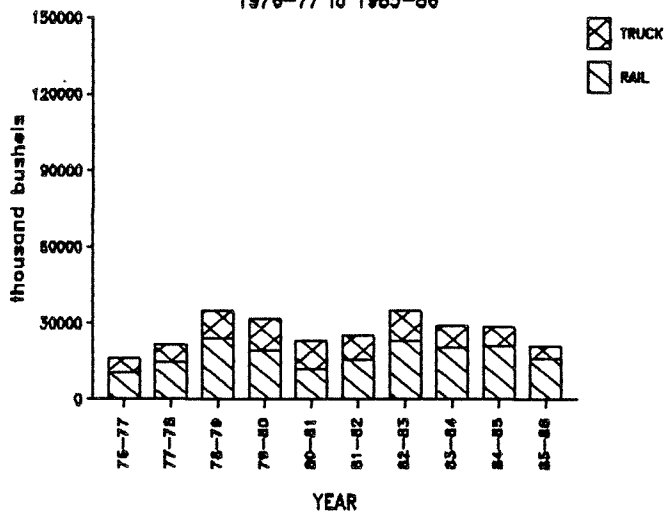
HRS TO MPLS
1976-77 to 1985-86



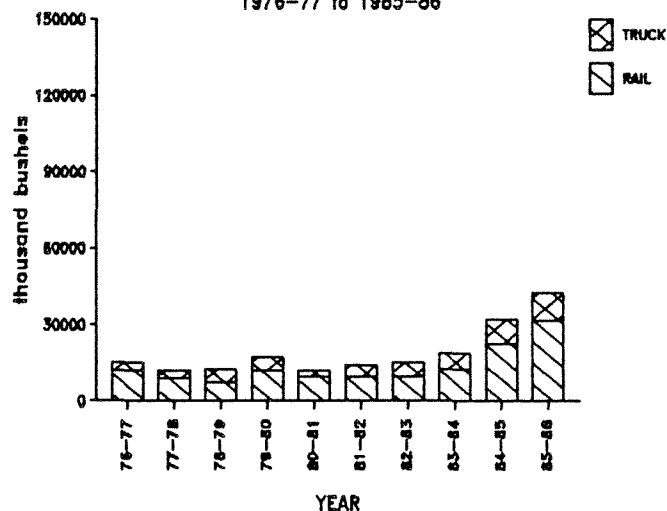
HRS TO D/S
1976-77 to 1985-86



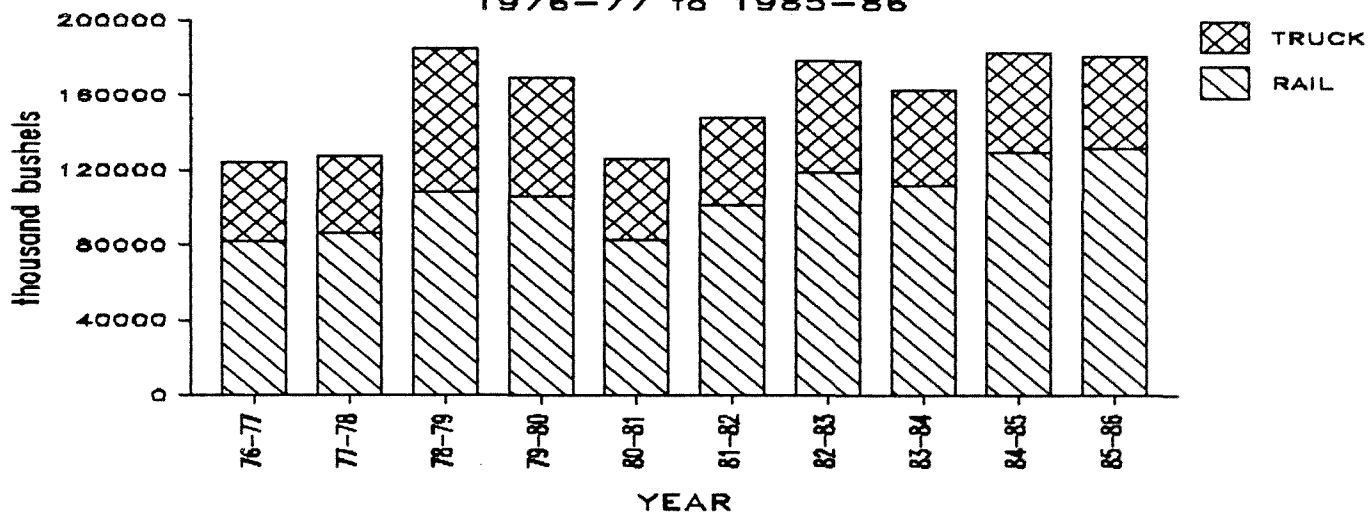
HRS TO WEST
1976-77 to 1985-86



HRS TO MISC
1976-77 to 1985-86



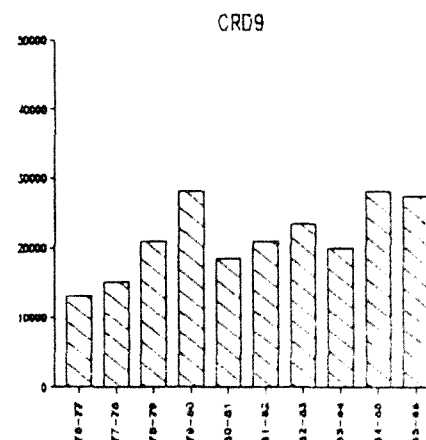
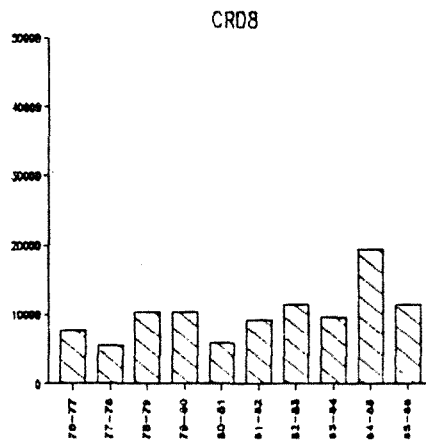
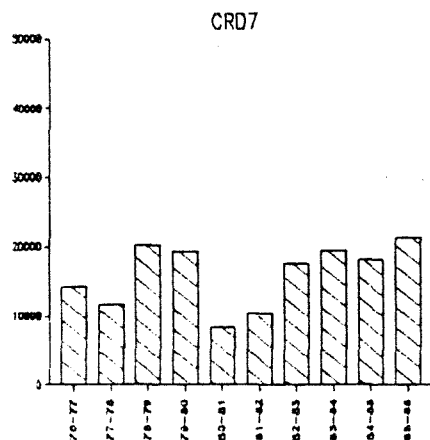
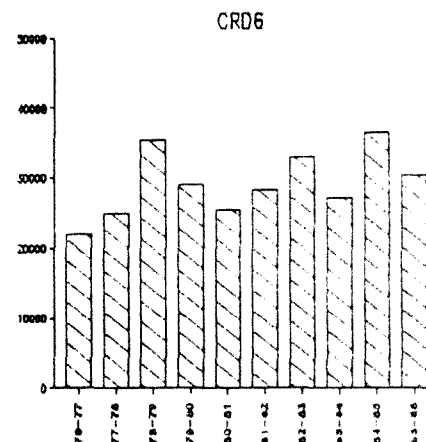
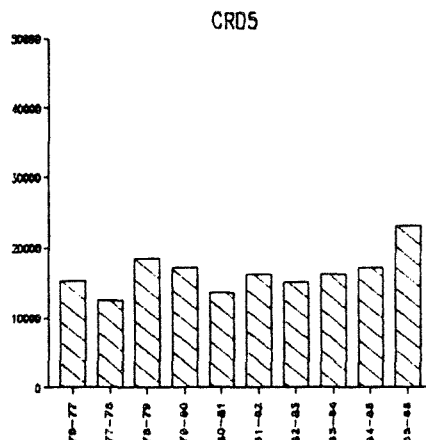
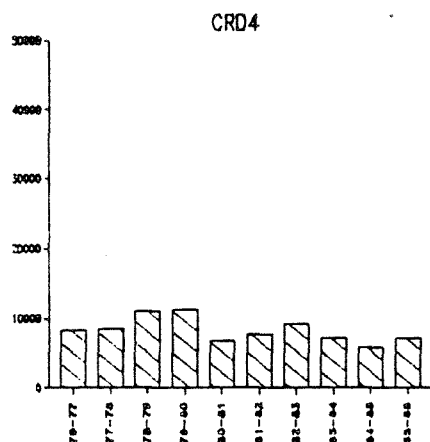
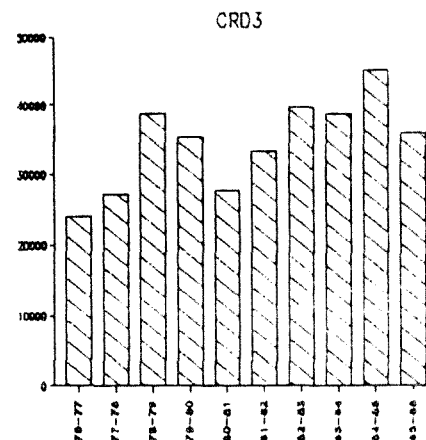
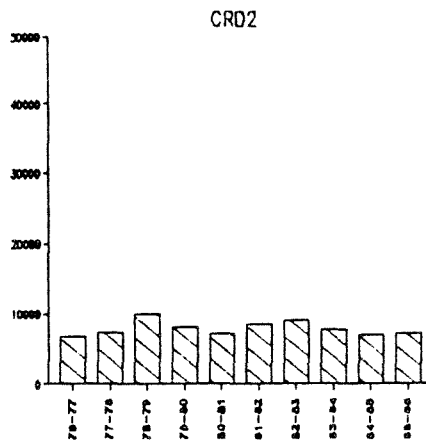
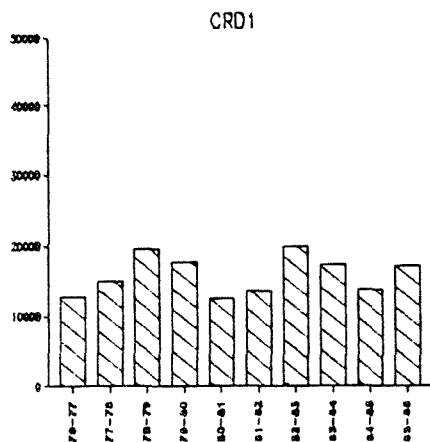
ALL HRS SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA HARD RED SPRING WHEAT MOVEMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	12,657 (10%)	6,807 (5%)	24,053 (19%)	8,209 (7%)	15,253 (12%)	22,000 (18%)	14,182 (11%)	7,782 (6%)	13,033 (11%)	123,976 (100%)
1977-78	15,009 (11%)	7,370 (6%)	27,331 (21%)	8,477 (7%)	12,521 (10%)	25,013 (20%)	11,563 (9%)	5,567 (4%)	15,103 (12%)	127,954 (100%)
1978-79	19,640 (11%)	10,028 (5%)	38,757 (21%)	11,116 (6%)	18,546 (10%)	35,425 (19%)	20,117 (11%)	10,317 (6%)	20,977 (11%)	184,823 (100%)
1979-80	17,678 (10%)	8,124 (5%)	35,407 (21%)	11,230 (7%)	17,253 (10%)	29,088 (17%)	19,327 (11%)	10,284 (6%)	28,182 (12%)	176,573 (100%)
1980-81	12,552 (10%)	7,182 (6%)	27,836 (22%)	6,793 (5%)	13,584 (11%)	25,503 (20%)	8,241 (7%)	5,832 (5%)	18,593 (15%)	126,116 (100%)
1981-82	13,703 (9%)	8,468 (6%)	33,325 (23%)	7,690 (5%)	16,187 (11%)	28,331 (19%)	10,373 (7%)	9,220 (6%)	20,873 (14%)	148,168 (100%)
1982-83	20,007 (11%)	9,074 (5%)	39,668 (22%)	9,217 (5%)	15,149 (8%)	33,061 (18%)	17,568 (10%)	11,457 (6%)	23,599 (13%)	178,800 (100%)
1983-84	17,360 (11%)	7,662 (5%)	38,766 (24%)	7,121 (4%)	16,189 (10%)	27,265 (17%)	19,397 (12%)	9,518 (6%)	20,027 (12%)	163,305 (100%)
1984-85	13,898 (8%)	7,035 (4%)	45,117 (25%)	5,923 (3%)	17,297 (9%)	36,598 (20%)	18,091 (10%)	10,937 (6%)	28,213 (15%)	191,533 (100%)
1985-86	17,154 (9%)	7,247 (4%)	35,921 (20%)	7,160 (4%)	23,066 (13%)	30,432 (17%)	21,285 (12%)	11,428 (6%)	27,395 (15%)	181,089 (100%)
3 Year Average	16,137 (9%)	7,315 (4%)	39,935 (23%)	6,735 (4%)	18,851 (11%)	31,432 (18%)	19,591 (11%)	10,628 (6%)	25,212 (14%)	178,642 (100%)

HARD RED SPRING WHEAT SHIPMENTS BY CROP REPORTING DISTRICT (thousand bushels)



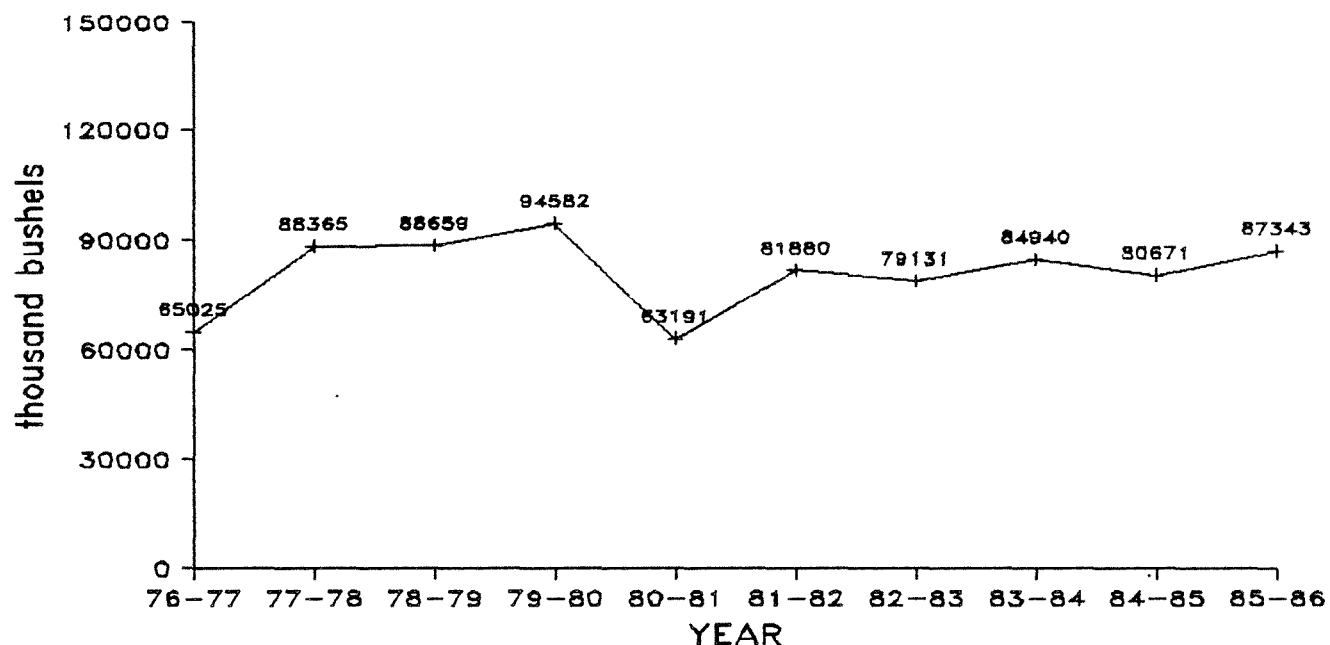
DURUM

NORTH DAKOTA DURUM SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77	17,024 (26%)	35,537 (55%)	1,636 (3%)	10,827 (17%)	65,024 (100%)
1977-78	16,478 (19%)	61,990 (70%)	1,339 (2%)	8,559 (10%)	88,366 (100%)
1978-79	18,797 (21%)	60,973 (69%)	1,545 (2%)	7,345 (8%)	88,660 (100%)
1979-80	26,712 (28%)	57,379 (61%)	1,506 (2%)	8,985 (9%)	94,582 (100%)
1980-81	15,046 (24%)	38,502 (61%)	483 (1%)	9,160 (14%)	63,191 (100%)
1981-82	19,768 (24%)	49,242 (60%)	621 (1%)	12,250 (15%)	81,881 (100%)
1982-83	22,010 (28%)	42,820 (54%)	735 (0.9%)	13,567 (17%)	79,132 (100%)
1983-84	23,842 (28%)	43,143 (51%)	1,379 (2%)	16,578 (20%)	84,941 (100%)
1984-85	18,352 (23%)	48,137 (60%)	1,420 (2%)	12,761 (16%)	80,670 (100%)
1985-86	23,498 (27%)	38,026 (44%)	2,925 (3%)	22,895 (26%)	87,344 (100%)
3 Year Average	21,897 (26%)	43,102 (51%)	1,908 (2%)	17,411 (21%)	84,319 (100%)

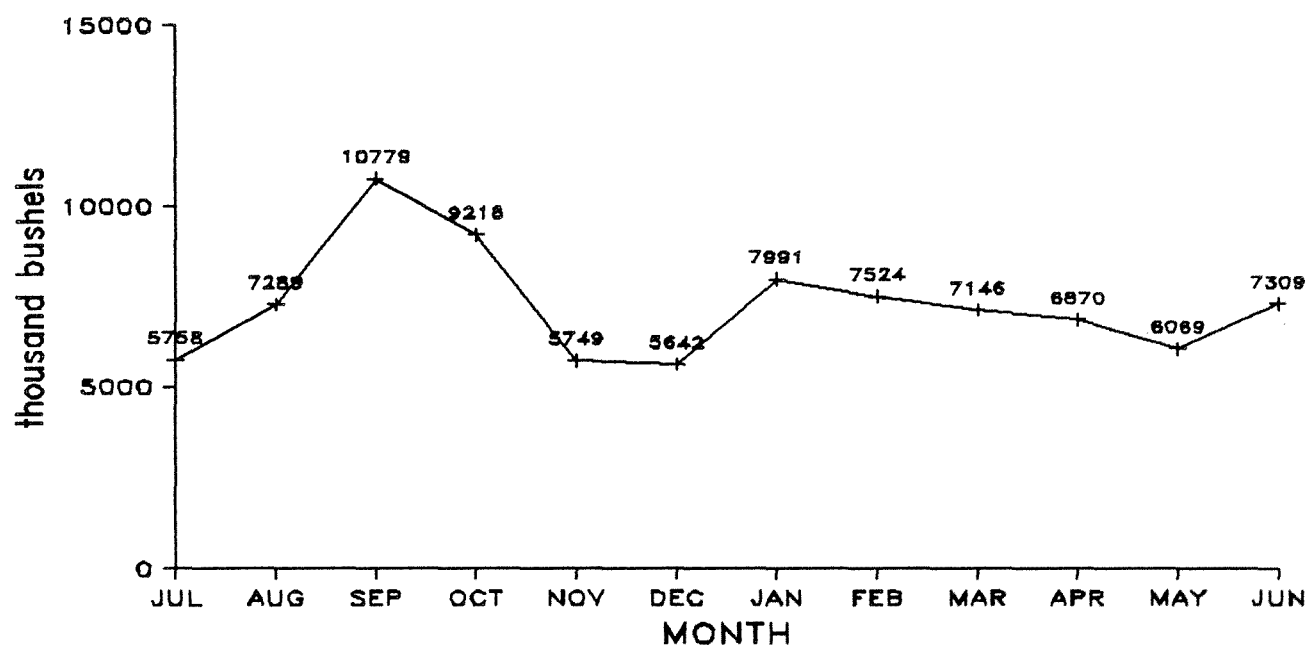
DURUM WHEAT SHIPMENTS

1976-77 to 1985-86



DURUM WHEAT SHIPMENTS

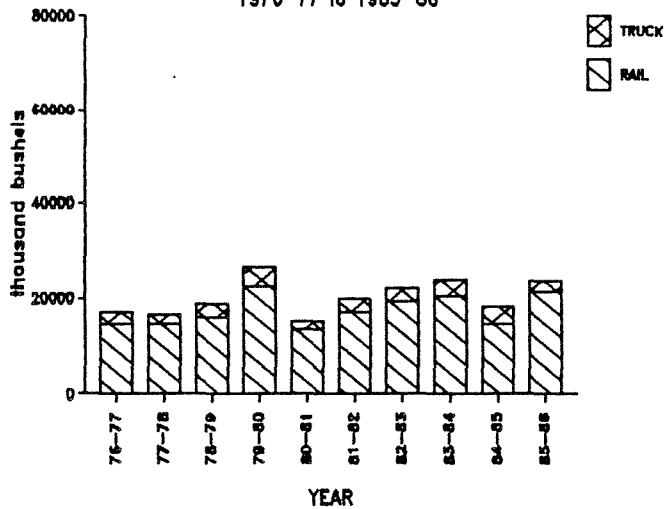
BY MONTH, 1985-86



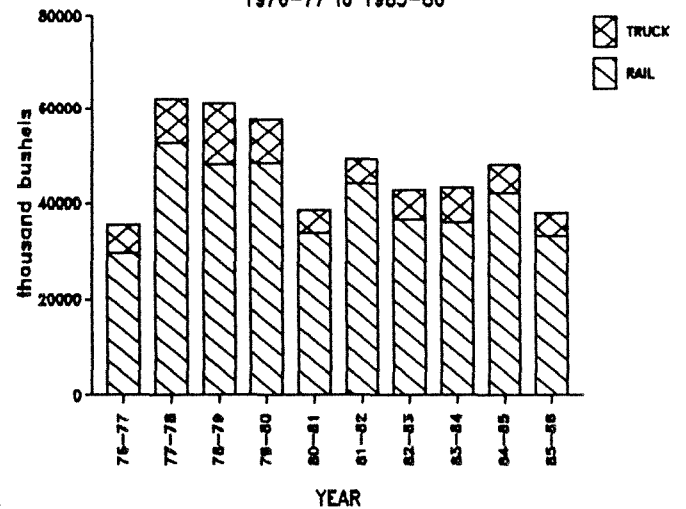
NORTH DAKOTA DURUM SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	14,664 (86%)	2,360 (14%)	29,747 (84%)	5,790 (16%)	481 (29%)	1,155 (71%)	9,681 (89%)	1,147 (11%)	54,573 (84%)	10,452 (16%)
1977-78	14,576 (88%)	1,902 (12%)	52,552 (85%)	9,438 (15%)	871 (65%)	468 (35%)	7,419 (87%)	1,139 (13%)	75,418 (85%)	12,947 (15%)
1978-79	15,950 (85%)	2,847 (15%)	47,950 (79%)	13,023 (21%)	1,341 (87%)	203 (13%)	5,797 (79%)	1,548 (21%)	71,038 (80%)	17,621 (20%)
1979-80	22,408 (81%)	4,304 (19%)	48,415 (84%)	8,964 (16%)	1,254 (83%)	252 (17%)	7,178 (80%)	1,807 (20%)	79,255 (84%)	15,327 (16%)
1980-81	13,599 (90%)	1,447 (10%)	33,852 (88%)	4,650 (12%)	353 (73%)	130 (27%)	7,834 (86%)	1,326 (14%)	55,638 (88%)	7,553 (12%)
1981-82	17,013 (86%)	2,754 (14%)	43,972 (89%)	5,271 (11%)	443 (71%)	177 (29%)	10,662 (87%)	1,588 (13%)	72,090 (88%)	9,790 (12%)
1982-83	19,464 (88%)	2,546 (12%)	36,670 (86%)	6,149 (14%)	541 (73%)	194 (26%)	10,034 (74%)	3,533 (26%)	66,710 (84%)	12,422 (16%)
1983-84	20,380 (86%)	3,462 (14%)	36,166 (84%)	6,976 (16%)	1,322 (96%)	56 (4%)	14,546 (88%)	2,032 (12%)	72,415 (85%)	12,527 (15%)
1984-85	14,652 (80%)	3,700 (20%)	42,238 (88%)	5,899 (12%)	1,241 (87%)	180 (13%)	9,856 (77%)	2,905 (23%)	67,987 (84%)	12,684 (16%)
1985-86	21,191 (90%)	2,307 (10%)	33,330 (88%)	4,695 (12%)	2,850 (97%)	75 (3%)	18,695 (82%)	4,200 (18%)	76,067 (87%)	11,278 (13%)
3 Year Average	18,741 (86%)	3,156 (14%)	37,245 (86%)	5,875 (14%)	1,804 (95%)	104 (05%)	14,366 (83%)	3,046 (17%)	72,156 (86%)	12,162 (14%)

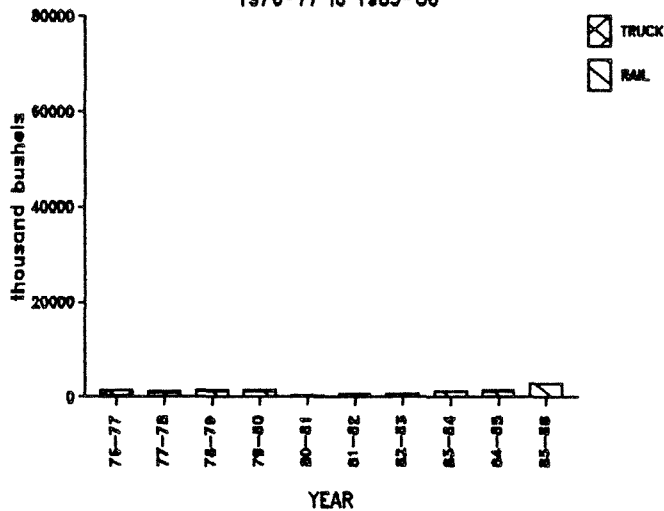
DURUM TO MPLS
1976-77 to 1985-86



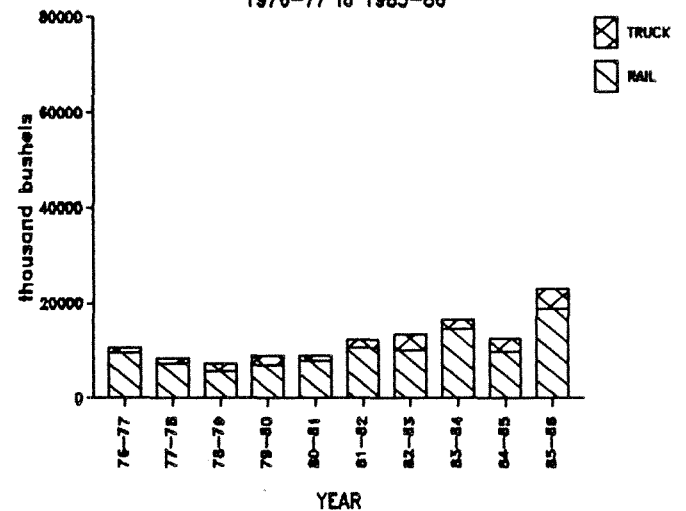
DURUM TO D/S
1976-77 to 1985-86



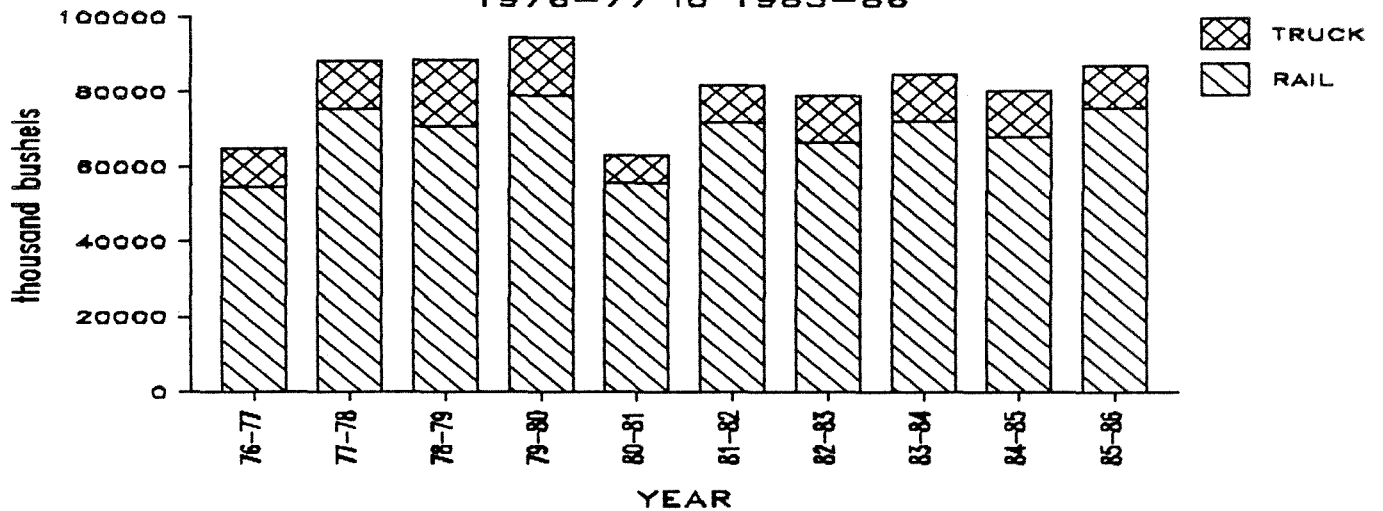
DURUM TO WEST
1976-77 to 1985-86



DURUM TO MISC
1976-77 to 1985-86



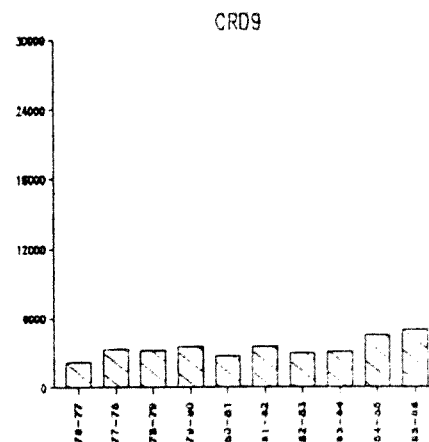
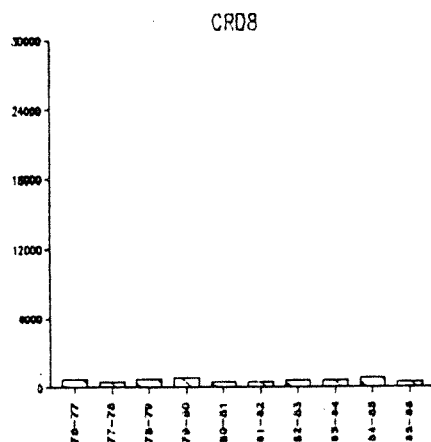
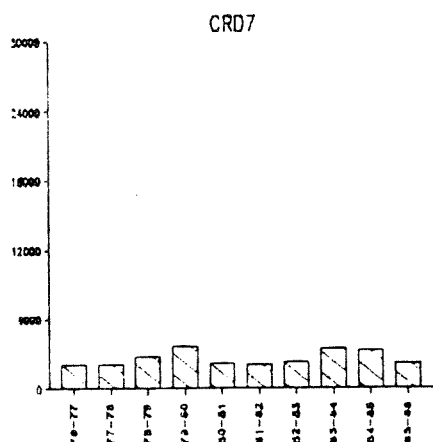
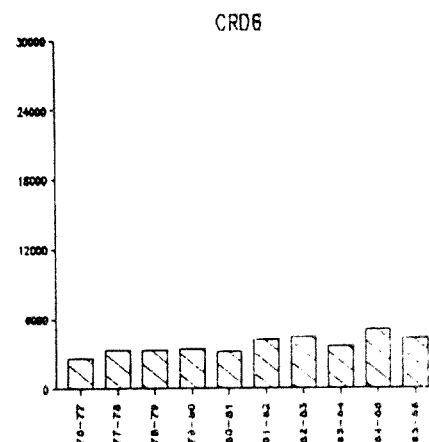
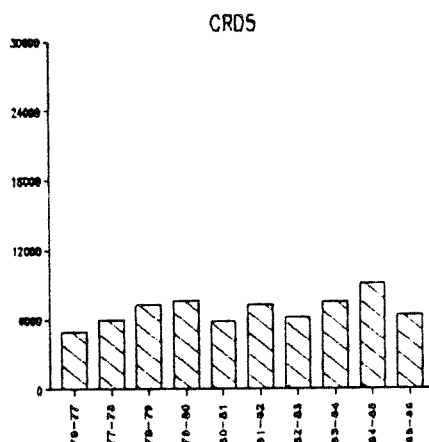
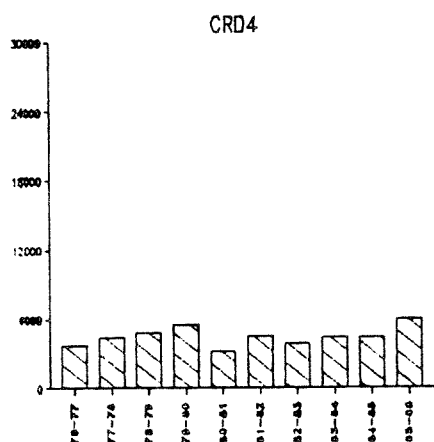
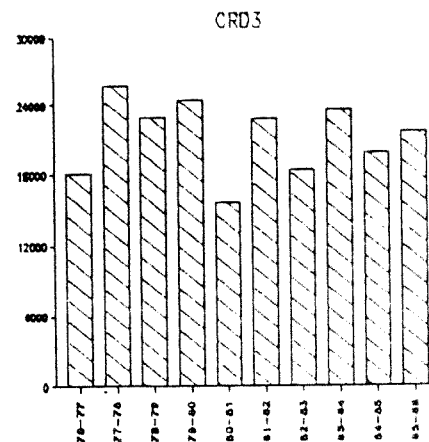
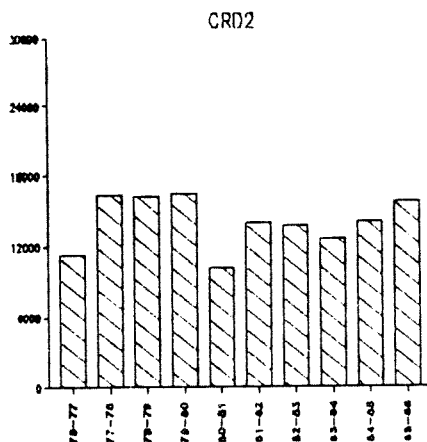
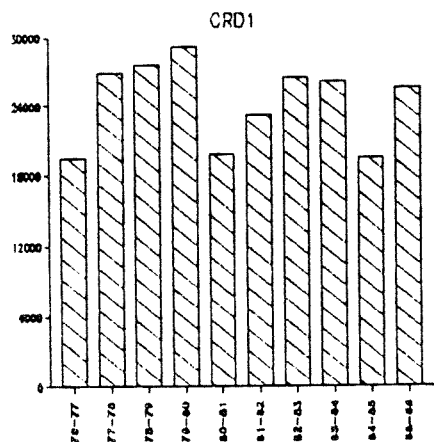
ALL DURUM SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA DURUM SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	19,420 (30%)	11,279 (17%)	18,168 (28%)	3,728 (6%)	4,960 (8%)	2,573 (4%)	2,013 (3%)	760 (1%)	2,123 (3%)	65,024 (100%)
1977-78	26,813 (30%)	16,378 (19%)	25,707 (29%)	4,449 (5%)	5,945 (7%)	3,269 (4%)	2,071 (2%)	469 (1%)	3,266 (4%)	88,367 (100%)
1978-79	27,496 (31%)	16,256 (18%)	22,902 (26%)	4,808 (5%)	7,269 (8%)	3,251 (4%)	2,755 (3%)	728 (1%)	3,197 (4%)	88,662 (100%)
1979-80	29,060 (31%)	16,472 (17%)	24,453 (26%)	5,512 (6%)	7,670 (8%)	3,432 (4%)	3,619 (4%)	800 (1%)	3,565 (4%)	94,583 (100%)
1980-81	19,774 (31%)	10,223 (16%)	15,644 (25%)	3,129 (5%)	5,817 (9%)	3,150 (5%)	2,177 (3%)	503 (1%)	2,774 (4%)	63,191 (100%)
1981-82	23,105 (28%)	13,973 (17%)	22,807 (28%)	4,467 (5%)	7,272 (9%)	4,238 (5%)	2,045 (2%)	448 (1%)	3,525 (4%)	81,881 (100%)
1982-83	26,387 (33%)	13,835 (17%)	18,509 (23%)	3,906 (5%)	6,237 (8%)	4,446 (6%)	2,268 (3%)	616 (1%)	2,929 (4%)	79,132 (100%)
1983-84	26,080 (31%)	12,612 (15%)	23,621 (28%)	4,405 (5%)	7,531 (9%)	3,644 (4%)	3,349 (4%)	629 (1%)	3,070 (4%)	84,941 (100%)
1984-85	19,441 (24%)	14,079 (17%)	19,872 (25%)	4,423 (5%)	9,092 (11%)	5,115 (6%)	3,341 (4%)	795 (1%)	4,511 (6%)	80,670 (100%)
1985-86	25,555 (29%)	15,786 (18%)	21,760 (25%)	5,956 (7%)	6,383 (7%)	4,246 (5%)	2,192 (3%)	553 (1%)	4,915 (6%)	87,344 (100%)
3 Year Average	23,692 (28%)	14,159 (17%)	21,751 (26%)	4,928 (6%)	7,669 (9%)	4,335 (5%)	2,961 (4%)	659 (1%)	4,165 (5%)	84,319 (100%)

DURUM SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)



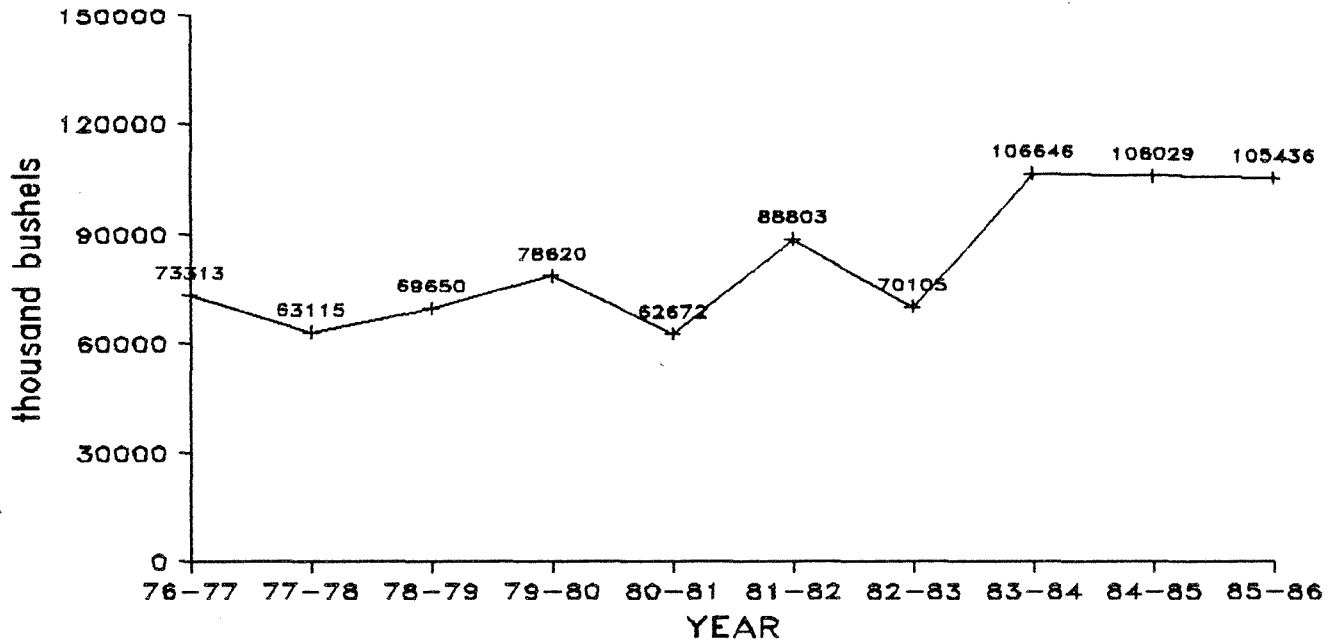
BARLEY

NORTH DAKOTA BARLEY SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1976-77	39,728 (54%)	26,672 (36%)	126 (1%)	6,788 (9%)	73,314 (100%)
1977-78	25,006 (40%)	22,394 (35%)	792 (1%)	14,923 (24%)	63,115 (100%)
1978-79	27,092 (39%)	12,786 (18%)	1,204 (2%)	28,566 (41%)	69,648 (100%)
1979-80	29,169 (37%)	22,643 (29%)	753 (1%)	26,056 (33%)	78,621 (100%)
1980-81	20,034 (32%)	14,214 (23%)	2,147 (3%)	26,277 (42%)	62,672 (100%)
1981-82	19,942 (25%)	31,671 (40%)	1,156 (1%)	27,032 (34%)	79,801 (100%)
1982-83	20,857 (30%)	12,544 (18%)	1,766 (3%)	34,939 (50%)	70,106 (100%)
1983-84	21,394 (20%)	38,578 (36%)	4,290 (4%)	42,383 (40%)	106,645 (100%)
1984-85	22,827 (22%)	26,665 (25%)	9,473 (9%)	47,064 (44%)	106,030 (100%)
1985-86	20,434 (19%)	8,175 (8%)	9,554 (9%)	67,273 (64%)	105,436 (100%)
<hr/>					
3 Year Average	21,552 (20%)	24,473 (23%)	7,772 (7%)	52,240 (49%)	106,037 (100%)

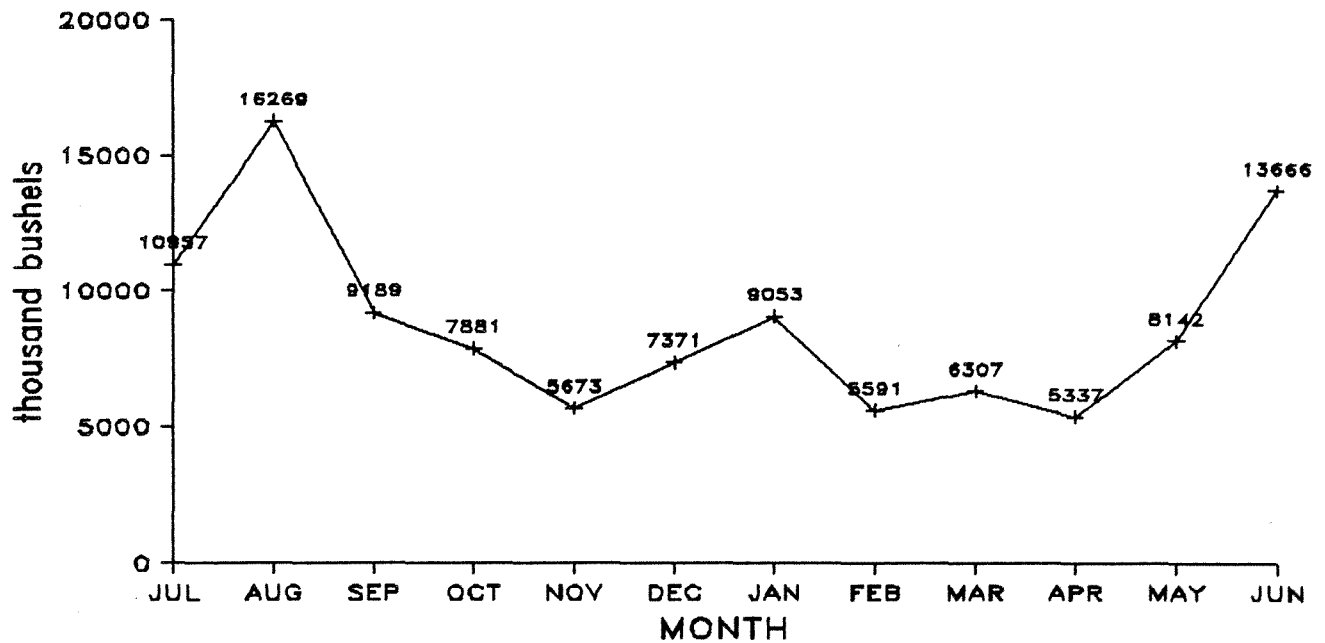
BARLEY SHIPMENTS

1976-77 to 1985-86



BARLEY SHIPMENTS

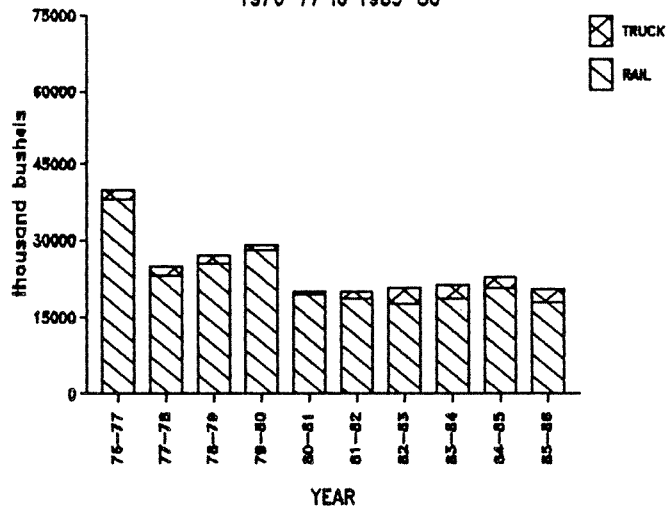
BY MONTH, 1985-86



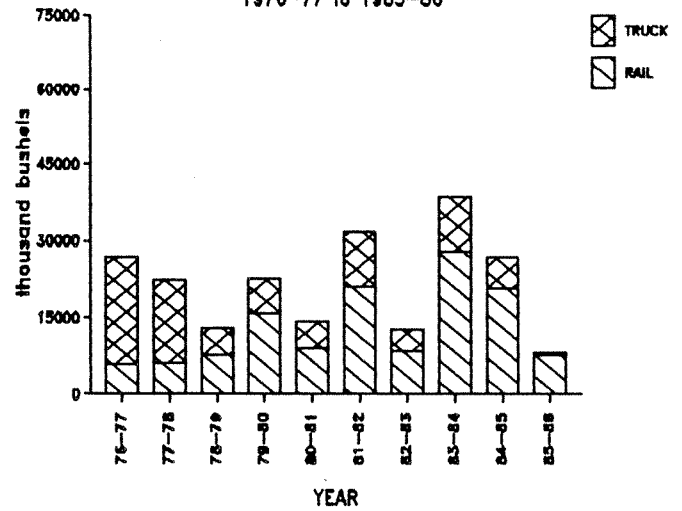
NORTH DAKOTA BARLEY SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	37,974 (96%)	1,753 (4%)	5,792 (22%)	20,880 (78%)	74 (58%)	52 (42%)	4,329 (64%)	2,459 (36%)	48,169 (66%)	25,144 (34%)
1977-78	23,111 (92%)	1,895 (8%)	6,145 (27%)	16,249 (73%)	323 (41%)	469 (59%)	11,583 (78%)	3,340 (22%)	41,162 (65%)	21,953 (35%)
1978-79	25,414 (94%)	1,678 (6%)	7,578 (59%)	5,210 (41%)	677 (56%)	527 (44%)	18,656 (65%)	9,910 (35%)	52,325 (75%)	17,325 (25%)
1979-80	27,963 (96%)	1,206 (4%)	15,697 (69%)	6,945 (31%)	301 (40%)	452 (60%)	17,728 (68%)	8,328 (32%)	61,689 (79%)	16,931 (21%)
1980-81	19,535 (98%)	499 (2%)	9,025 (63%)	5,189 (37%)	92 (4%)	2,055 (96%)	19,133 (73%)	7,144 (27%)	47,785 (76%)	14,887 (24%)
1981-82	18,619 (93%)	1,323 (7%)	20,889 (66%)	10,782 (34%)	247 (21%)	910 (79%)	20,189 (75%)	6,844 (25%)	59,943 (75%)	19,858 (25%)
1982-83	17,680 (85%)	3,176 (15%)	8,484 (68%)	4,060 (32%)	179 (10%)	1,586 (90%)	28,994 (83%)	5,946 (17%)	55,337 (79%)	14,768 (21%)
1983-84	18,763 (88%)	2,631 (12%)	27,896 (72%)	10,682 (28%)	3,782 (88%)	509 (12%)	36,784 (87%)	5,599 (13%)	87,225 (82%)	19,420 (18%)
1984-85	20,821 (91%)	2,006 (9%)	20,822 (78%)	5,843 (22%)	8,508 (90%)	965 (10%)	37,750 (80%)	9,314 (20%)	87,901 (83%)	18,128 (17%)
1985-86	17,888 (88%)	2,546 (12%)	7,610 (93%)	565 (7%)	8,444 (88%)	1,110 (12%)	57,775 (86%)	9,498 (14%)	91,717 (87%)	13,719 (13%)
3 Year Average	19,157 (89%)	2,394 (11%)	18,776 (77%)	5,697 (23%)	6,911 (89%)	861 (11%)	44,103 (84%)	8,137 (16%)	88,948 (84%)	17,089 (16%)

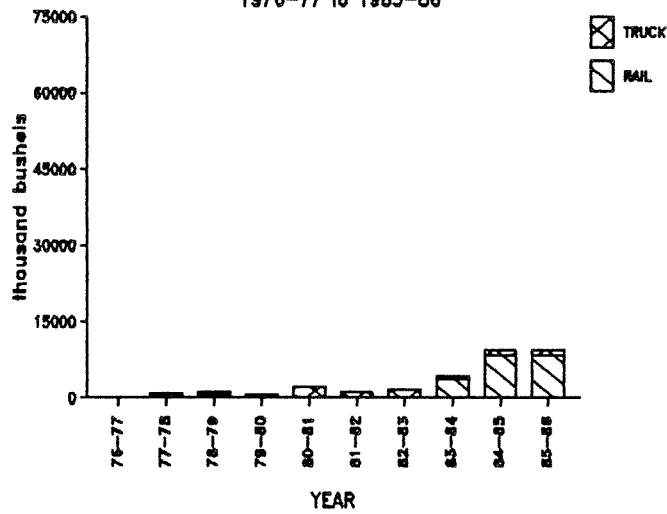
BARLEY TO MPLS
1976-77 to 1985-86



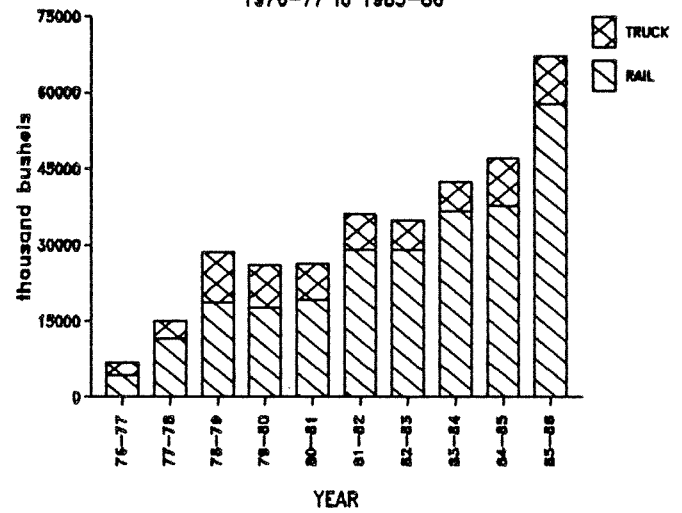
BARLEY TO D/S
1976-77 to 1985-86



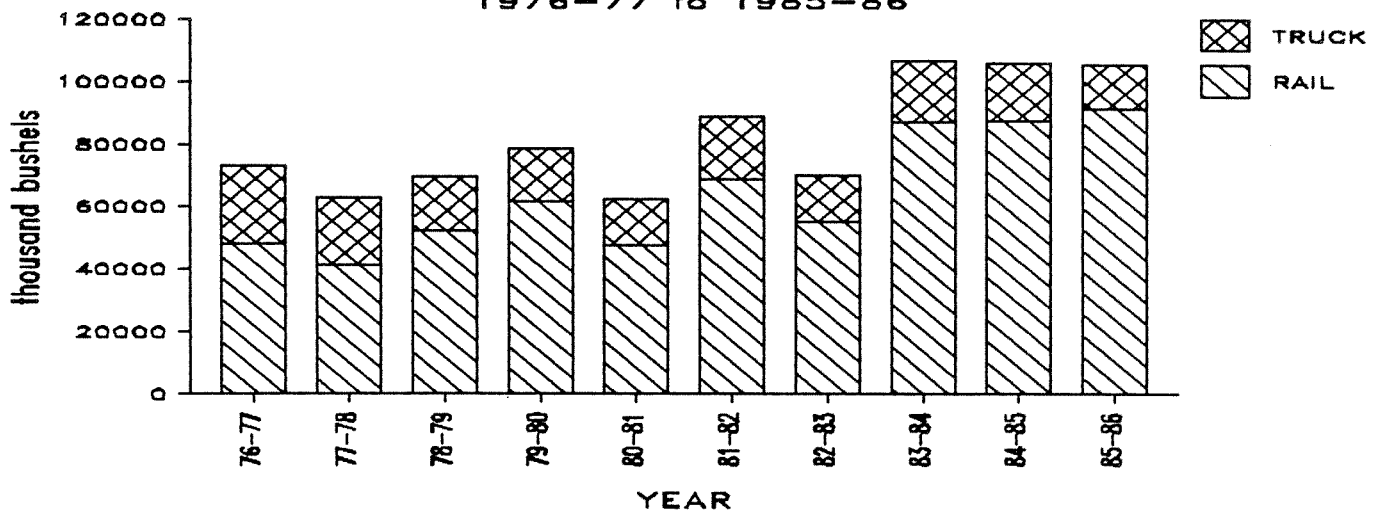
BARLEY TO WEST
1976-77 to 1985-86



BARLEY TO MISC
1976-77 to 1985-86



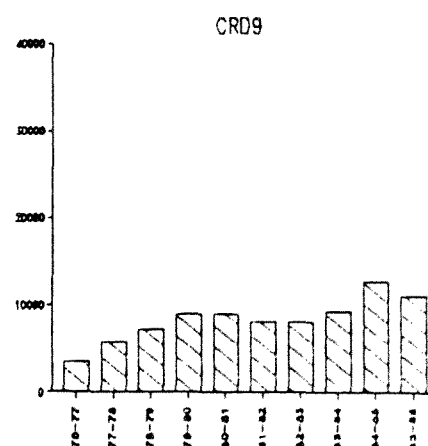
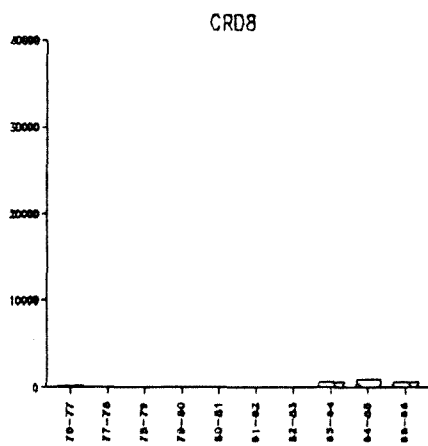
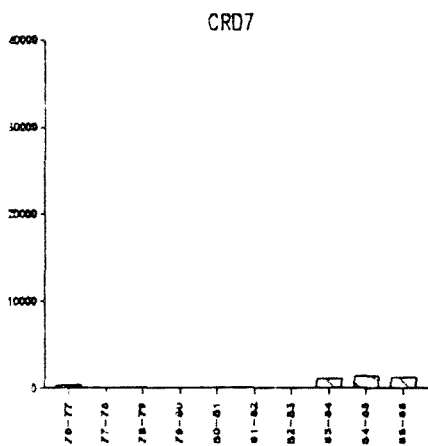
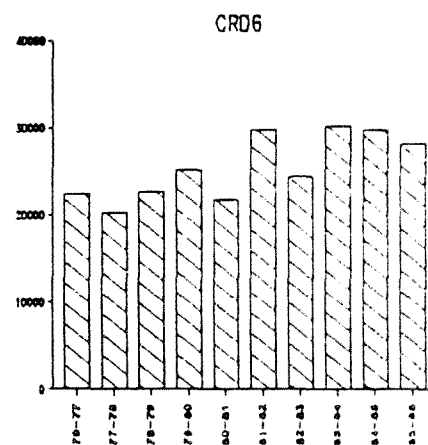
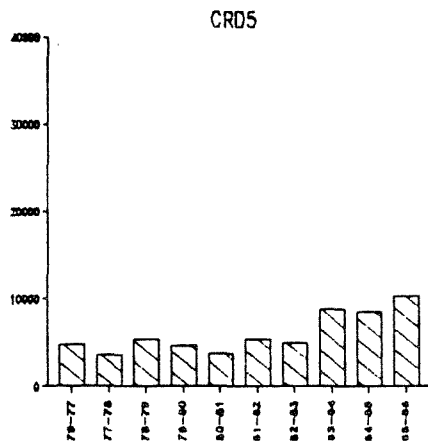
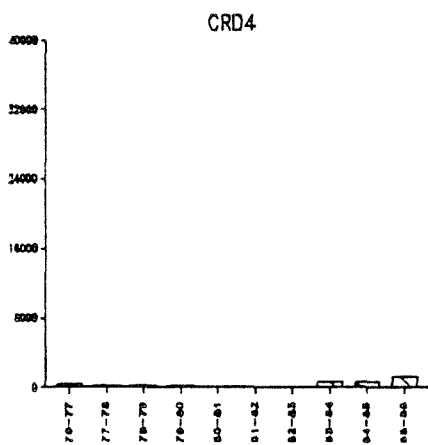
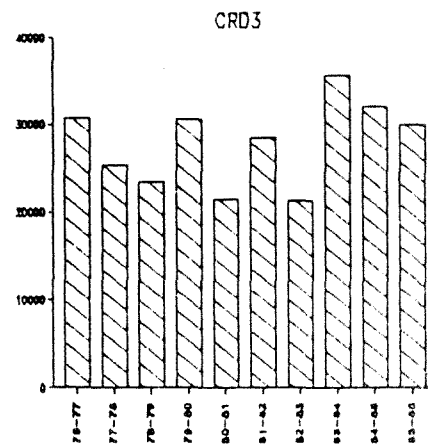
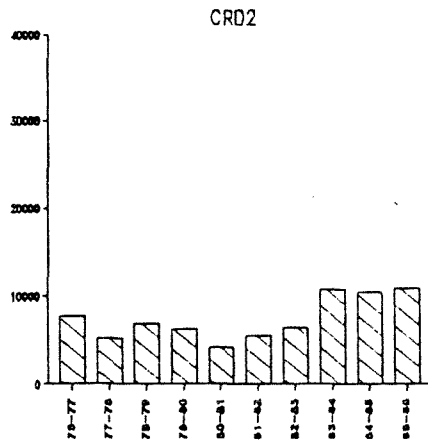
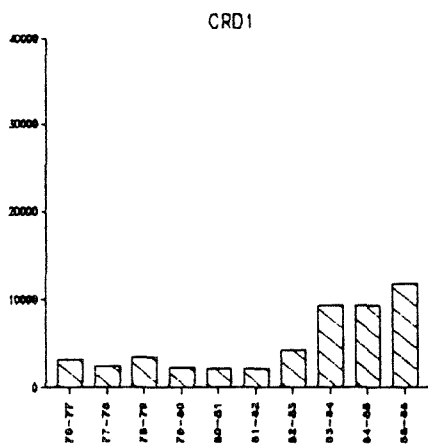
ALL BARLEY SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA BARLEY SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	3,229 (4%)	7,761 (11%)	30,727 (42%)	345 (1%)	4,773 (7%)	22,440 (31%)	300 (0)	237 (0%)	3,501 (5%)	73,313 (100%)
1977-78	2,502 (4%)	5,220 (8%)	25,417 (40%)	175 (0%)	3,682 (6%)	20,258 (32%)	94 (0%)	20 (0%)	5,747 (9%)	63,115 (100%)
1978-79	3,515 (5%)	6,930 (10%)	23,449 (34%)	164 (0%)	5,423 (8%)	22,739 (33%)	120 (0%)	122 (0%)	7,185 (10%)	69,647 (100%)
1979-80	2,355 (3%)	6,267 (8%)	30,625 (39%)	214 (0%)	4,697 (6%)	25,247 (32%)	130 (0%)	106 (0%)	8,980 (11%)	78,621 (100%)
1980-81	2,162 (3%)	4,217 (7%)	21,561 (36%)	56 (0%)	3,782 (6%)	21,812 (35%)	13 (0%)	21 (0%)	9,049 (14%)	62,673 (100%)
1981-82	2,175 (3%)	5,571 (7%)	28,506 (36%)	89 (0%)	5,504 (7%)	29,773 (37%)	12 (0%)	63 (0%)	8,108 (10%)	79,801 (100%)
1982-83	4,304 (6%)	6,458 (9%)	21,380 (30%)	139 (0%)	5,028 (7%)	24,481 (35%)	57 (0%)	113 (0%)	8,146 (12%)	70,105 (100%)
1983-84	9,304 (9%)	10,838 (10%)	35,568 (33%)	612 (1%)	8,891 (8%)	30,281 (28%)	1,125 (1%)	672 (1%)	9,354 (9%)	106,645 (100%)
1984-85	9,245 (9%)	10,420 (10%)	32,002 (30%)	692 (1%)	8,587 (8%)	29,904 (28%)	1,386 (1%)	1,006 (1%)	12,789 (12%)	106,030 (100%)
1985-86	11,790 (11%)	10,918 (10%)	29,931 (28%)	1,328 (1%)	10,275 (10%)	28,258 (27%)	1,232 (1%)	611 (1%)	11,092 (11%)	105,436 (100%)
3 Year Average	10,113 (10%)	10,725 (10%)	32,500 (31%)	877 (1%)	9,251 (9%)	29,481 (28%)	1,248 (1%)	763 (1%)	11,078 (10%)	106,037 (100%)

BARLEY SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)



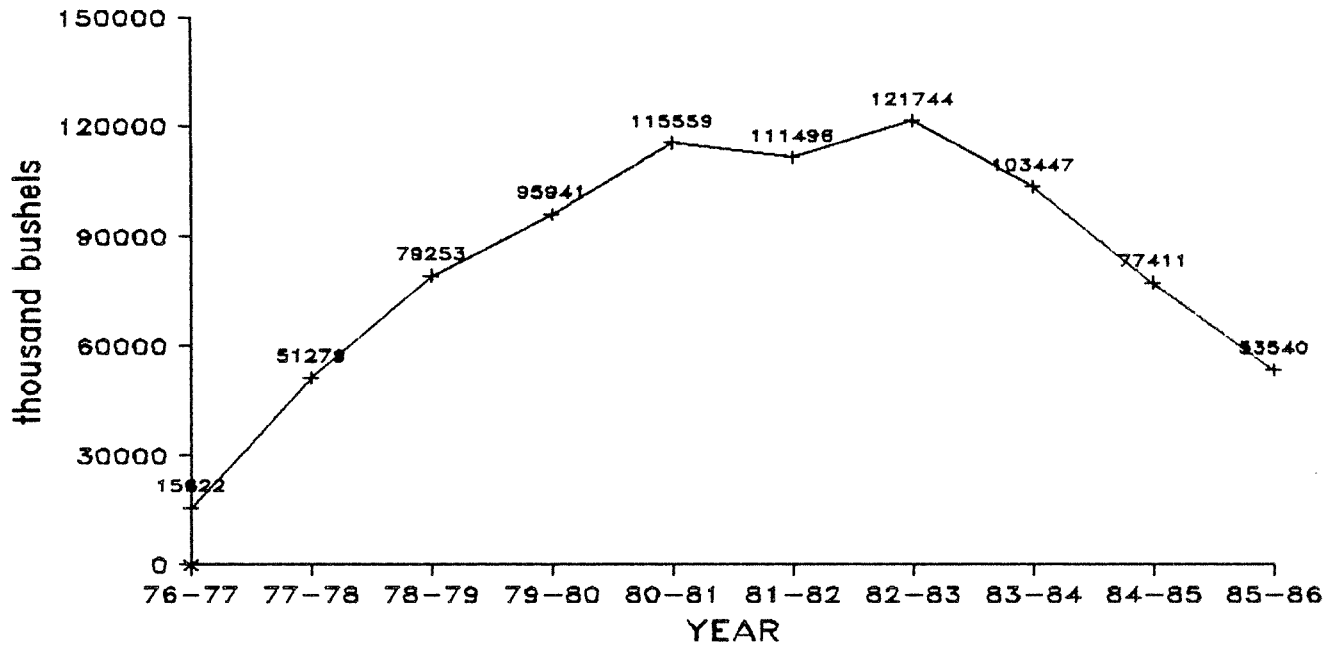
SUNFLOWER

NORTH DAKOTA SUNFLOWER SEED SHIPMENTS BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	OTHER MINN.	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77	863 (6%)	8,693 (56%)	1,369 (9%)	4,697 (30%)	15,622 (100%)
1977-78	2,992 (6%)	38,019 (74%)	3,220 (6%)	7,047 (14%)	51,278 (100%)
1978-79	4,790 (6%)	63,178 (80%)	5,608 (7%)	5,677 (7%)	79,253 (100%)
1979-80	6,154 (6%)	69,422 (72%)	8,215 (9%)	12,149 (13%)	95,940 (100%)
1980-81	10,167 (9%)	67,277 (59%)	8,398 (9%)	29,024 (25%)	114,866 (100%)
1981-82	6,664 (6%)	70,391 (63%)	3,479 (3%)	30,962 (28%)	111,496 (100%)
1982-83	14,374 (12%)	64,849 (53%)	9,282 (8%)	33,240 (27%)	121,744 (100%)
1983-84	11,741 (11%)	40,560 (39%)	3,486 (3%)	47,661 (46%)	103,449 (100%)
1984-85	5,636 (7%)	42,875 (55%)	5,806 (8%)	23,094 (30%)	77,412 (100%)
1985-86	3,623 (7%)	12,659 (24%)	2,413 (5%)	34,846 (65%)	53,541 (100%)
3 Year Average	7,000 (9%)	32,031 (41%)	3,902 (5%)	35,200 (45%)	78,133 (100%)

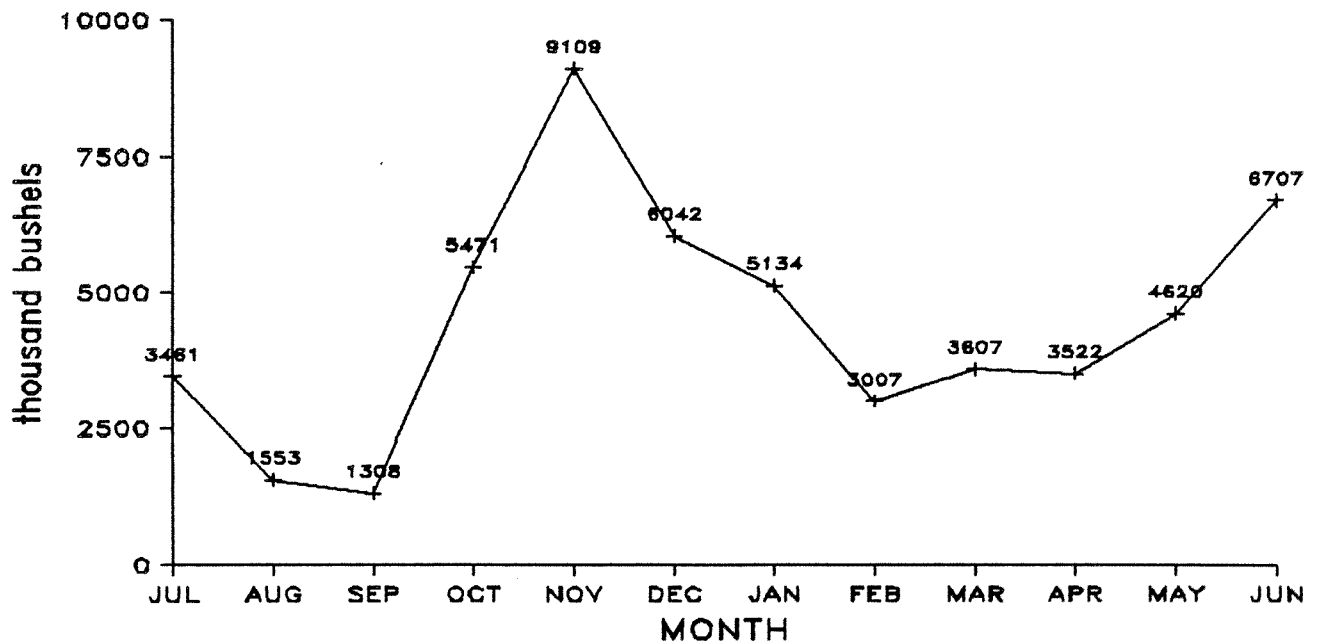
SUNFLOWER SHIPMENTS

1976-77 to 1985-86



SUNFLOWER SHIPMENTS

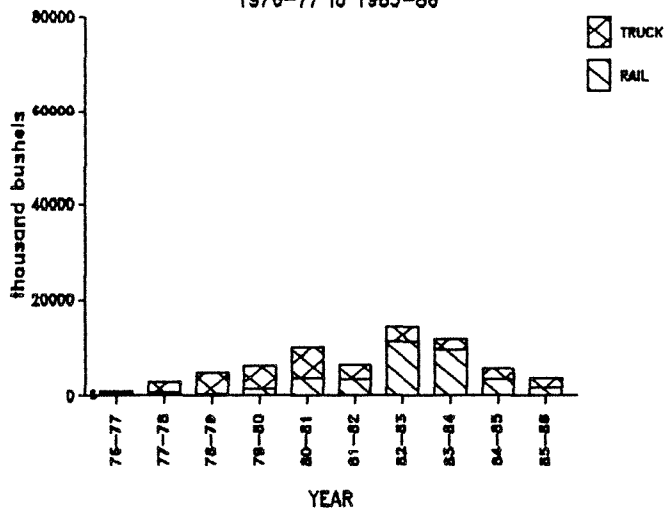
BY MONTH, 1985-86



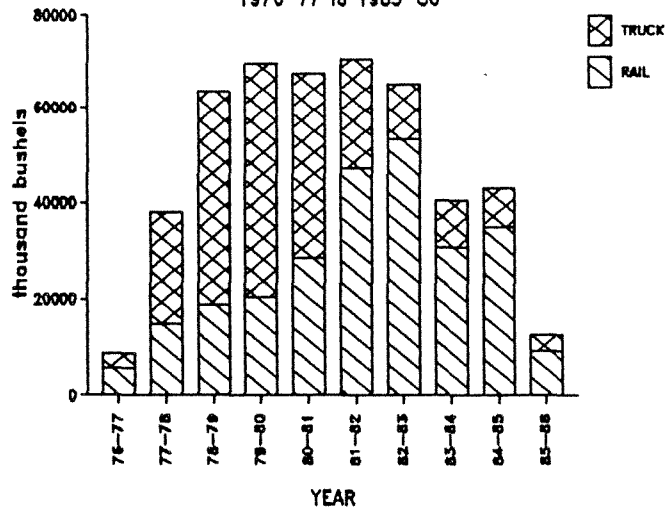
NORTH DAKOTA SUNFLOWER SEED SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>OTHER MINN.</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	700 (81%)	163 (19%)	5,598 (64%)	3,095 (36%)	256 (19%)	1,114 (81%)	1,966 (42%)	2,730 (58%)	8,520 (55%)	7,102 (45%)
1977-78	770 (26%)	2,223 (74%)	14,820 (39%)	23,199 (61%)	367 (11%)	2,853 (89%)	2,614 (37%)	4,433 (63%)	18,571 (36%)	32,708 (64%)
1978-79	489 (10%)	4,301 (90%)	18,830 (30%)	44,348 (70%)	465 (8%)	5,143 (92%)	1,708 (30%)	3,969 (70%)	21,492 (27%)	57,761 (73%)
1979-80	1,395 (23%)	4,759 (77%)	20,419 (29%)	49,003 (71%)	144 (2%)	8,070 (98%)	5,329 (44%)	6,822 (56%)	27,287 (28%)	68,654 (72%)
1980-81	3,621 (36%)	6,545 (64%)	28,607 (43%)	38,670 (57%)	357 (4%)	8,041 (96%)	13,859 (45%)	15,859 (55%)	46,444 (40%)	69,116 (60%)
1981-82	3,563 (53%)	3,101 (47%)	47,223 (67%)	23,168 (33%)	389 (11%)	3,090 (89%)	14,278 (46%)	16,684 (54%)	65,453 (59%)	46,043 (41%)
1982-83	11,367 (79%)	3,007 (21%)	53,207 (82%)	11,641 (18%)	6,241 (67%)	3,041 (33%)	9,286 (28%)	23,954 (72%)	80,101 (66%)	41,643 (34%)
1983-84	9,650 (82%)	2,090 (18%)	30,672 (76%)	9,888 (24%)	2,049 (59%)	1,437 (41%)	23,336 (49%)	24,325 (51%)	65,708 (64%)	37,742 (36%)
1984-85	3,617 (64%)	2,019 (36%)	34,912 (81%)	7,963 (19%)	4,080 (70%)	1,726 (30%)	6,009 (26%)	17,085 (74%)	48,618 (63%)	28,793 (37%)
1985-86	1,690 (47%)	1,932 (53%)	9,286 (73%)	3,373 (27%)	1,445 (60%)	968 (40%)	10,189 (29%)	24,657 (71%)	22,610 (42%)	30,931 (58%)
3 Year Average	4,986 (71%)	2,014 (29%)	24,957 (78%)	7,075 (22%)	2,525 (65%)	1,377 (35%)	13,178 (37%)	22,022 (63%)	45,645 (58%)	32,488 (42%)

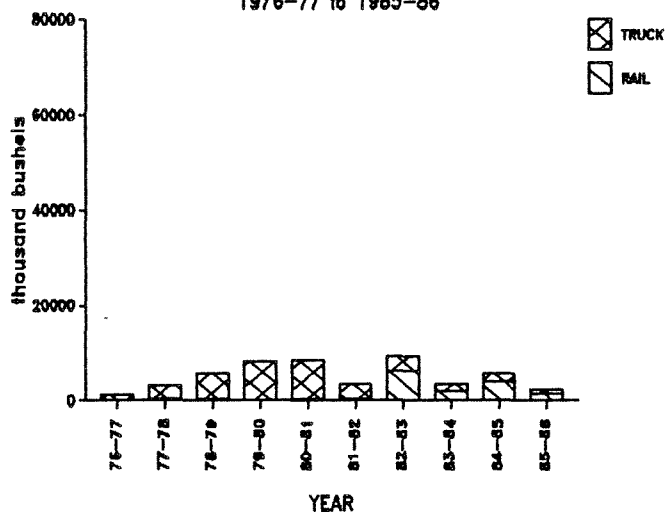
SUNFLOWER TO MPLS
1976-77 to 1985-86



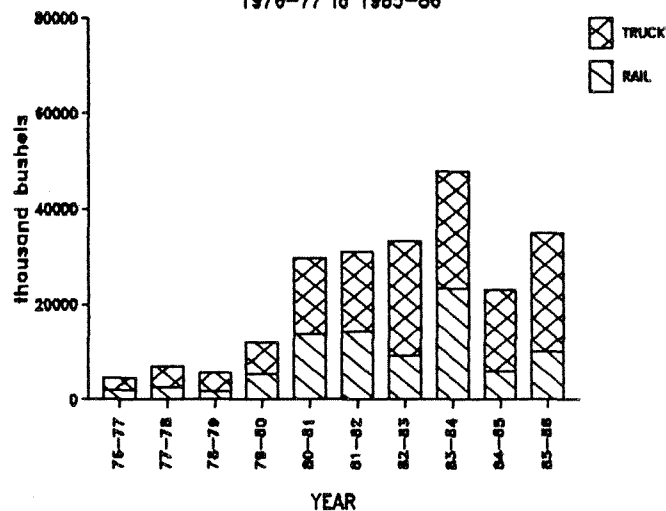
SUNFLOWER TO D/S
1976-77 to 1985-86



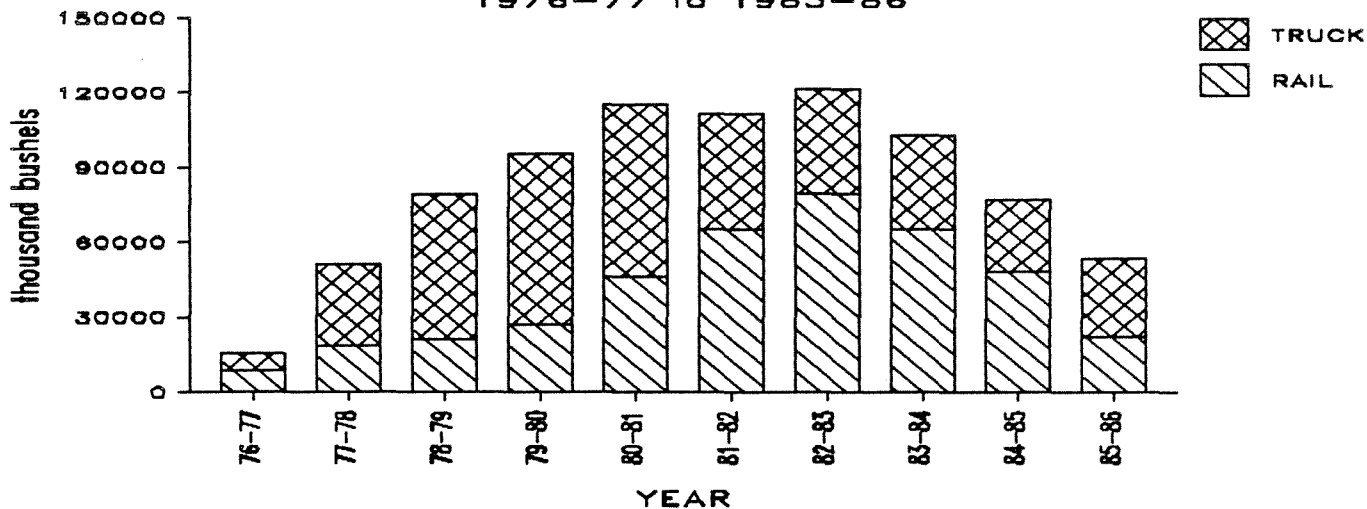
SUNFLOWER TO OTHER MINN
1976-77 to 1985-86



SUNFLOWER TO MISC
1976-77 to 1985-86



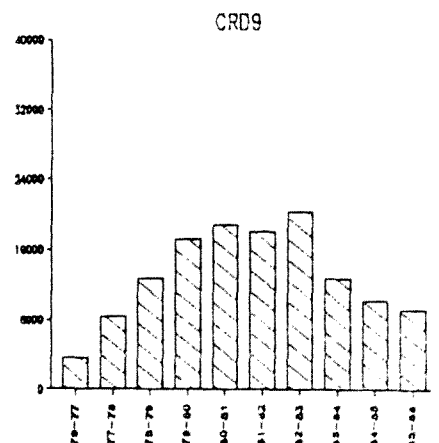
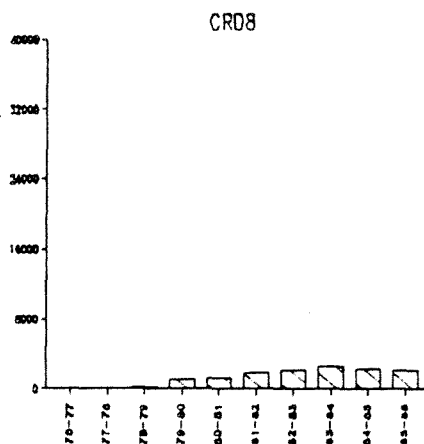
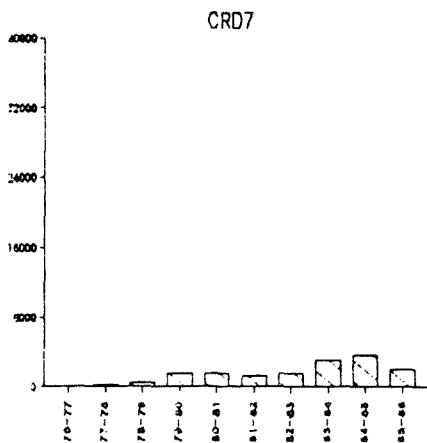
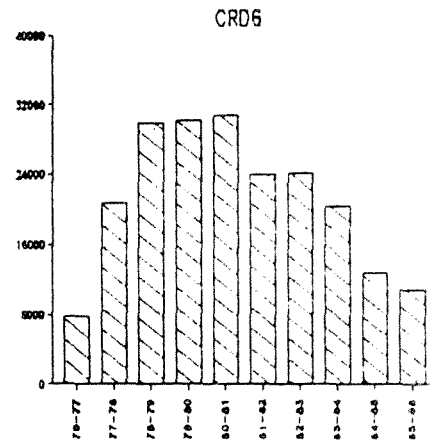
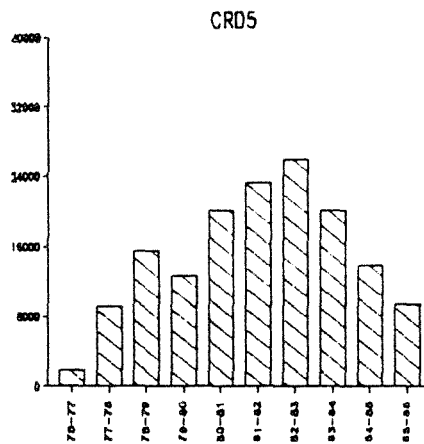
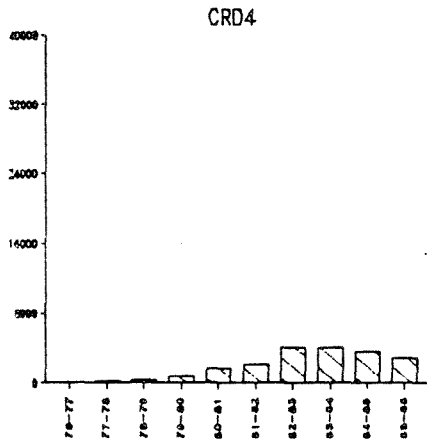
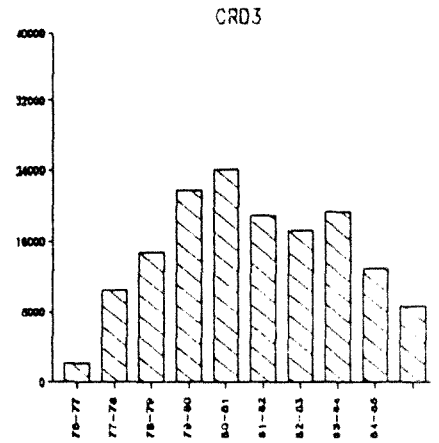
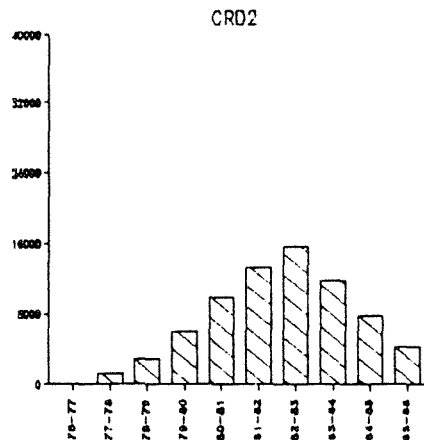
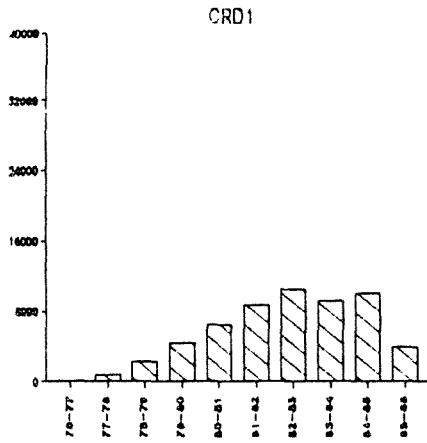
ALL SUNFLOWER SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA SUNFLOWER SEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	7 (0%)	26 (0%)	2,184 (14%)	20 (0%)	1,788 (11%)	7,861 (50%)	25 (0%)	0 (0%)	3,711 (24%)	15,622 (100%)
1977-78	771 (2%)	1,267 (2%)	10,469 (20%)	179 (0%)	9,087 (18%)	20,710 (40%)	225 (0%)	129 (0%)	8,442 (16%)	51,279 (100%)
1978-79	2,233 (3%)	2,839 (4%)	14,803 (19%)	336 (0%)	15,560 (20%)	30,050 (38%)	485 (1%)	225 (0%)	12,722 (16%)	79,253 (100%)
1979-80	4,317 (5%)	6,101 (6%)	21,814 (23%)	819 (1%)	12,706 (13%)	30,333 (32%)	1,550 (2%)	1,045 (1%)	17,254 (18%)	95,939 (100%)
1980-81	6,422 (6%)	9,970 (9%)	24,165 (21%)	1,668 (1%)	20,114 (18%)	30,871 (27%)	1,528 (1%)	1,256 (1%)	18,872 (16%)	114,866 (100%)
1981-82	8,702 (8%)	13,245 (12%)	18,996 (17%)	2,106 (2%)	23,244 (21%)	24,067 (22%)	1,219 (1%)	1,831 (2%)	18,086 (16%)	111,476 (100%)
1982-83	10,434 (9%)	15,728 (13%)	17,391 (14%)	4,084 (3%)	25,906 (21%)	24,230 (20%)	1,510 (1%)	2,206 (2%)	20,253 (17%)	121,744 (100%)
1983-84	9,188 (9%)	11,780 (11%)	19,429 (19%)	4,037 (4%)	20,200 (20%)	20,522 (20%)	3,023 (3%)	2,604 (3%)	12,666 (12%)	103,449 (100%)
1984-85	10,002 (13%)	7,761 (10%)	13,053 (17%)	3,701 (5%)	13,962 (18%)	12,943 (17%)	3,573 (5%)	2,277 (3%)	10,140 (13%)	77,412 (100%)
1985-86	3,899 (7%)	4,208 (8%)	8,722 (16%)	2,894 (5%)	9,382 (18%)	10,994 (21%)	2,077 (4%)	2,153 (4%)	9,211 (17%)	53,541 (100%)
3 Year Average	7,696 (10%)	7,916 (10%)	13,735 (18%)	3,544 (5%)	14,515 (19%)	14,820 (19%)	2,891 (4%)	2,345 (3%)	10,672 (14%)	78,134 (100%)

SUNFLOWER SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)

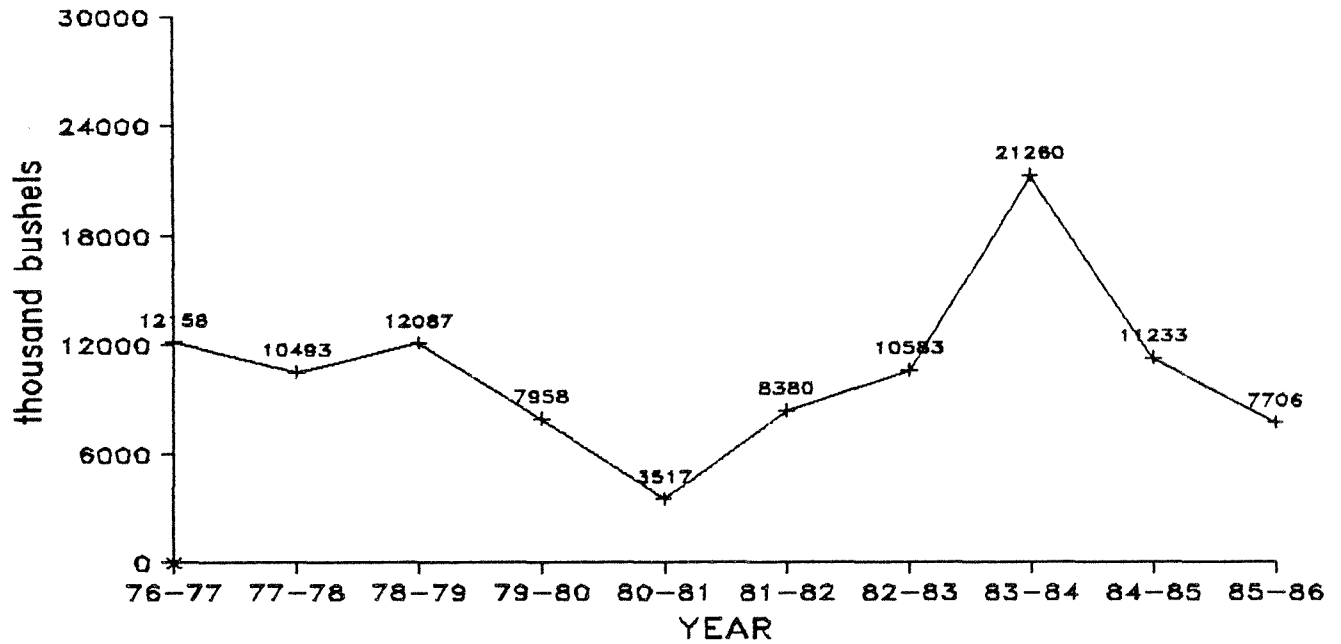


OATS

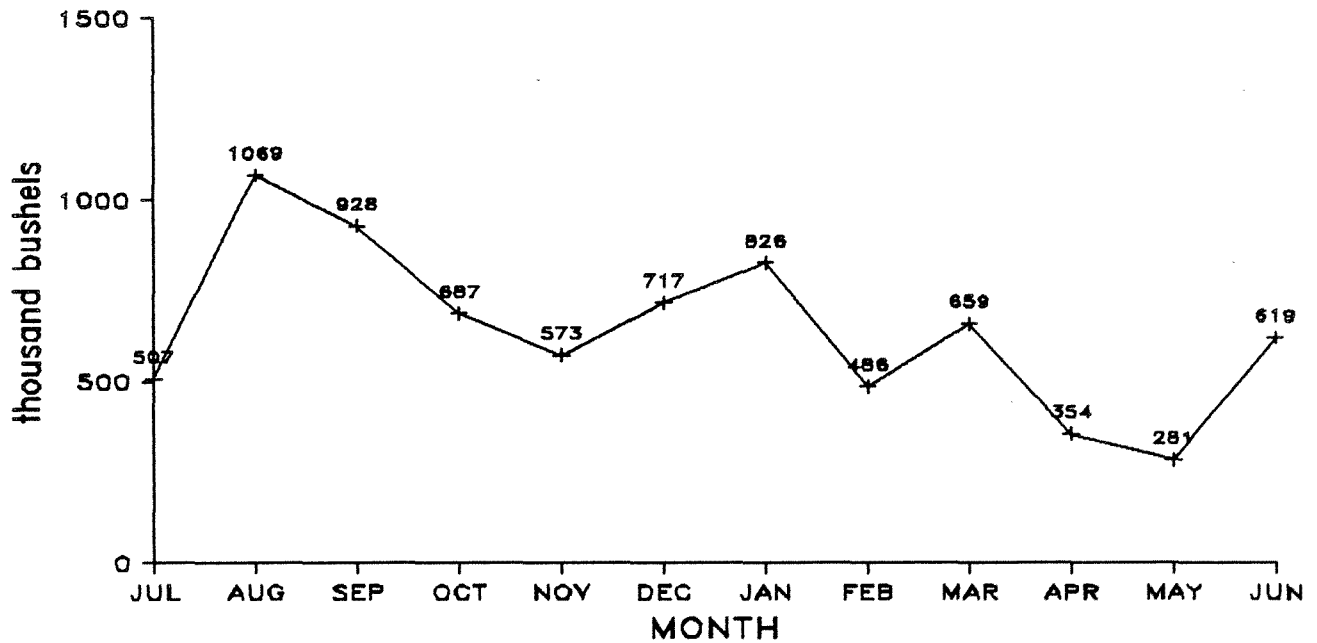
NORTH DAKOTA OATS SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77	6,769 (56%)	1,932 (16%)	1,427 (12%)	2,031 (17%)	12,159 (100%)
1977-78	5,860 (56%)	2,385 (23%)	851 (8%)	1,396 (13%)	10,492 (100%)
1978-79	6,969 (58%)	2,078 (17%)	1,200 (10%)	1,839 (15%)	12,086 (100%)
1979-80	4,298 (54%)	346 (4%)	1,580 (20%)	1,735 (22%)	7,959 (100%)
1980-81	1,269 (36%)	299 (8%)	936 (27%)	1,011 (29%)	3,515 (100%)
1981-82	5,491 (65%)	722 (9%)	630 (8%)	1,536 (18%)	8,379 (100%)
1982-83	7,045 (67%)	410 (4%)	675 (6%)	2,453 (23%)	10,583 (100%)
1983-84	14,984 (70%)	588 (3%)	400 (2%)	5,289 (25%)	21,261 (100%)
1984-85	6,467 (58%)	166 (1%)	437 (4%)	4,163 (37%)	11,233 (100%)
1985-86	4,029 (52%)	115 (1%)	431 (6%)	3,131 (41%)	7,706 (100%)
3 Year Average	8,493 (60%)	290 (2%)	423 (3%)	4,194 (34%)	13,400 (100%)

ALL OATS SHIPMENTS 1976-77 to 1985-86



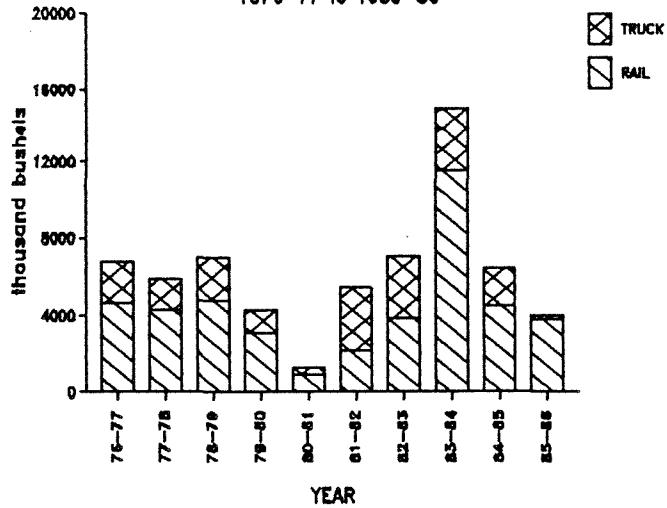
OATS SHIPMENTS BY MONTH, 1985-86



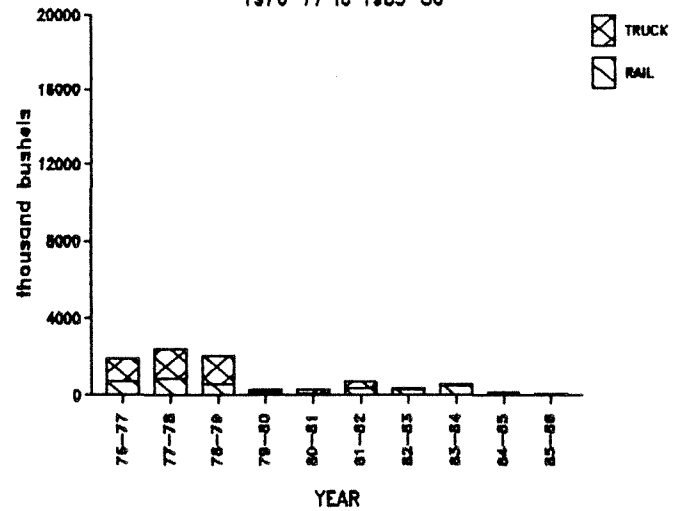
NORTH DAKOTA OATS SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	4,602 (68%)	2,166 (32%)	761 (39%)	1,171 (61%)	121 (8%)	1,306 (92%)	231 (11%)	1,800 (89%)	5,715 (47%)	6,443 (53%)
1977-78	4,244 (72%)	1,616 (28%)	869 (36%)	1,516 (64%)	12 (1%)	839 (99%)	255 (18%)	1,142 (82%)	5,380 (51%)	5,113 (49%)
1978-79	4,767 (68%)	2,202 (32%)	623 (30%)	1,455 (70%)	185 (16%)	1,016 (84%)	252 (14%)	1,587 (86%)	5,827 (48%)	6,260 (52%)
1979-80	3,077 (72%)	1,220 (28%)	184 (53%)	162 (47%)	91 (5%)	1,489 (95%)	338 (19%)	1,397 (81%)	3,690 (46%)	4,268 (54%)
1980-81	913 (72%)	356 (28%)	99 (33%)	200 (67%)	11 (1%)	925 (99%)	74 (7%)	939 (93%)	1,097 (31%)	2,420 (69%)
1981-82	2,167 (39%)	3,324 (61%)	349 (48%)	373 (52%)	35 (6%)	596 (94%)	285 (19%)	1,251 (81%)	2,835 (34%)	5,544 (66%)
1982-83	3,848 (55%)	3,197 (45%)	319 (78%)	91 (22%)	19 (3%)	656 (97%)	877 (38%)	1,576 (64%)	5,063 (48%)	5,520 (52%)
1983-84	11,547 (77%)	3,436 (23%)	503 (85%)	86 (15%)	99 (25%)	301 (75%)	2,645 (50%)	2,643 (50%)	14,794 (70%)	6,466 (30%)
1984-85	4,481 (69%)	1,986 (31%)	137 (83%)	29 (17%)	30 (7%)	407 (93%)	1,406 (34%)	2,757 (66%)	6,054 (54%)	5,179 (46%)
1985-86	3,796 (94%)	233 (6%)	109 (95%)	6 (5%)	190 (44%)	241 (56%)	1,237 (40%)	1,894 (60%)	5,333 (69%)	2,373 (31%)
3 Year Average	6,608 (78%)	1,885 (22%)	250 (86%)	40 (14%)	106 (25%)	316 (75%)	1,763 (41%)	2,623 (59%)	8,727 (64%)	4,673 (36%)

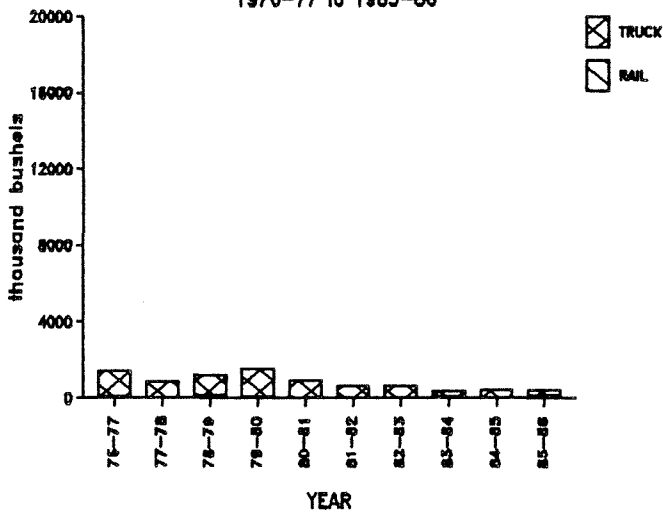
OATS TO MPLS
1976-77 to 1985-86



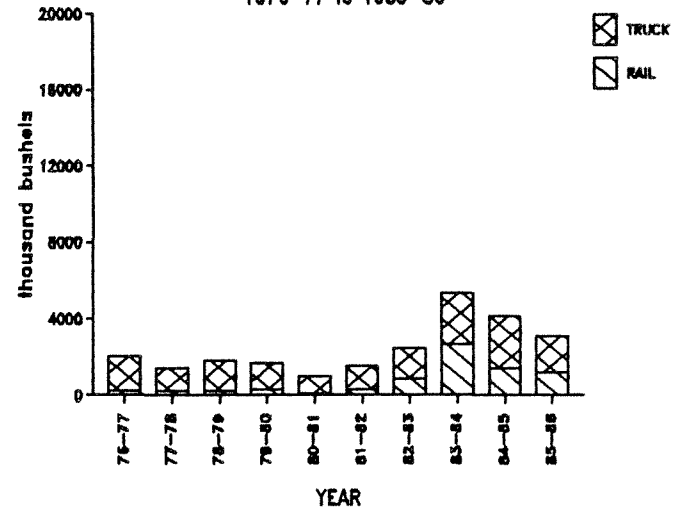
OATS TO D/S
1976-77 to 1985-86



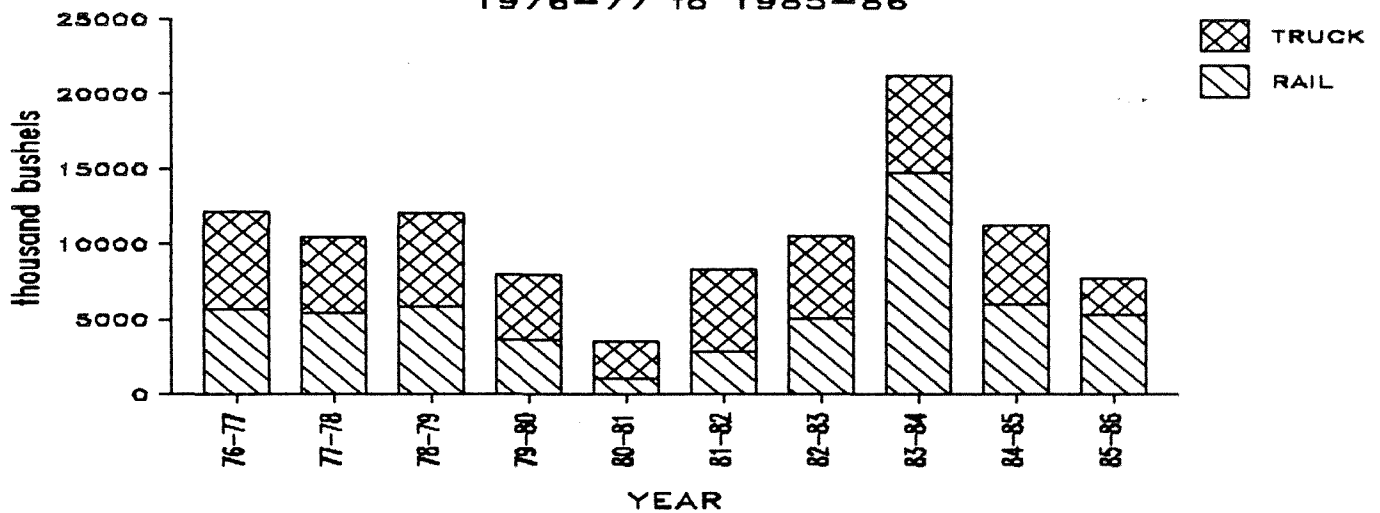
OATS TO WEST
1976-77 to 1985-86



OATS TO MISC
1976-77 to 1985-86



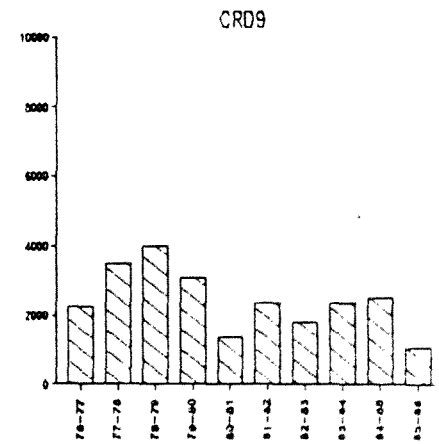
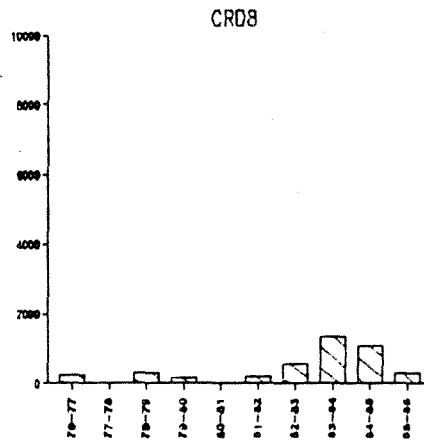
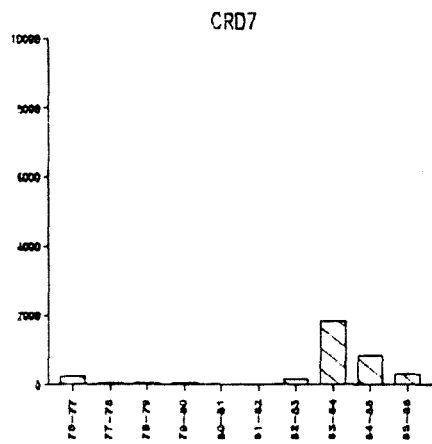
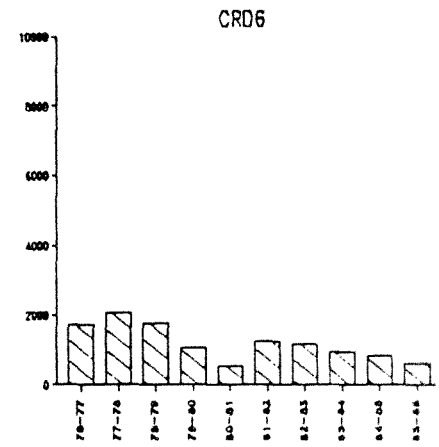
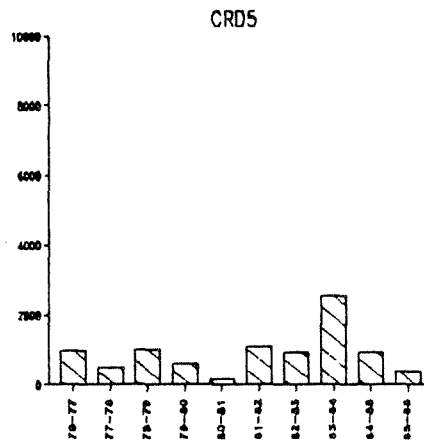
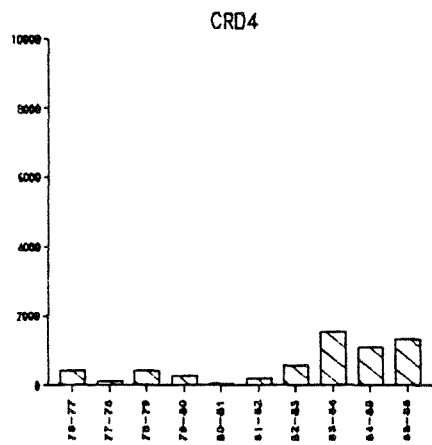
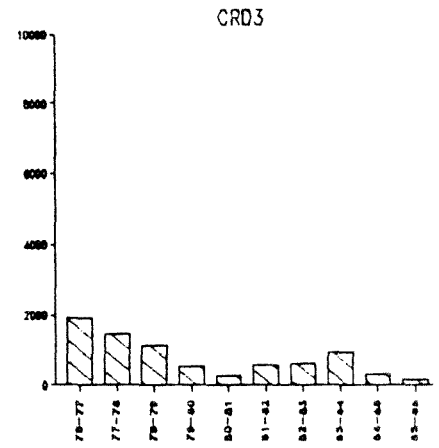
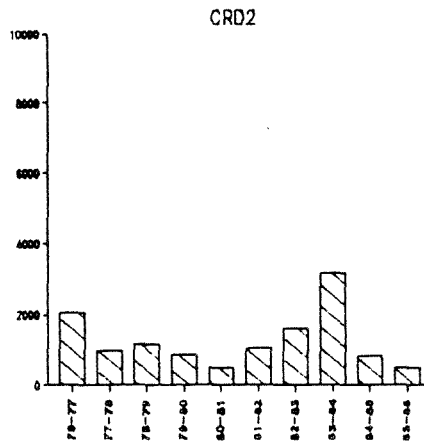
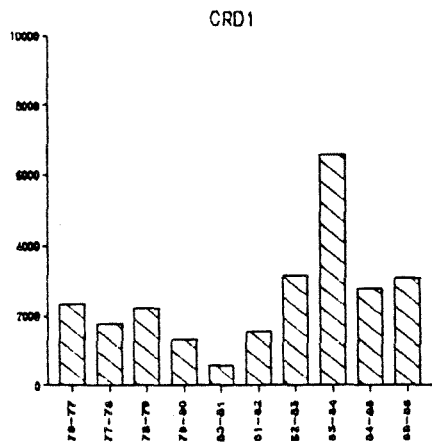
ALL OATS SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA OATS SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
(thousand bu.)										
1976-77	2,309 (17%)	2,081 (15%)	1,904 (20%)	436 (3%)	976 (11%)	1,733 (14%)	225 (2%)	226 (2%)	2,269 (17%)	12,159 (100%)
1977-78	1,769 (17%)	974 (9%)	1,485 (14%)	137 (1%)	507 (5%)	2,077 (20%)	47 (0%)	7 (0%)	3,490 (33%)	10,493 (100%)
1978-79	2,200 (18%)	1,184 (10%)	1,132 (9%)	425 (4%)	1,016 (8%)	1,760 (15%)	68 (1%)	301 (2%)	4,002 (33%)	12,086 (100%)
1979-80	1,305 (16%)	875 (11%)	544 (7%)	282 (4%)	619 (8%)	1,057 (13%)	38 (1%)	159 (2%)	3,079 (39%)	7,958 (100%)
1980-81	590 (17%)	502 (14%)	292 (8%)	42 (1%)	167 (5%)	558 (16%)	4 (0%)	8 (0%)	1,352 (38%)	3,515 (100%)
1981-82	1,556 (20%)	1,070 (13%)	579 (7%)	217 (3%)	1,106 (13%)	1,243 (15%)	19 (0%)	212 (2%)	2,377 (28%)	8,379 (100%)
1982-83	3,130 (30%)	1,614 (15%)	598 (6%)	573 (5%)	946 (9%)	1,176 (11%)	164 (2%)	578 (5%)	1,804 (17%)	10,583 (100%)
1983-84	6,562 (31%)	3,163 (15%)	952 (4%)	1,530 (7%)	2,561 (12%)	934 (4%)	1,834 (9%)	1,368 (6%)	2,356 (11%)	21,261 (100%)
1984-85	2,780 (24%)	828 (7%)	328 (3%)	1,085 (10%)	956 (9%)	824 (7%)	823 (7%)	1,101 (10%)	2,509 (22%)	11,234 (100%)
1985-86	3,078 (40%)	490 (6%)	150 (2%)	1,306 (17%)	404 (5%)	599 (8%)	301 (4%)	312 (4%)	1,065 (14%)	7,706 (100%)
3 Year Average	4,140 (30%)	1,494 (11%)	477 (4%)	1,307 (11%)	1,307 (9%)	786 (6%)	986 (7%)	927 (7%)	1,977 (16%)	13,592 (100%)

OATS SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)

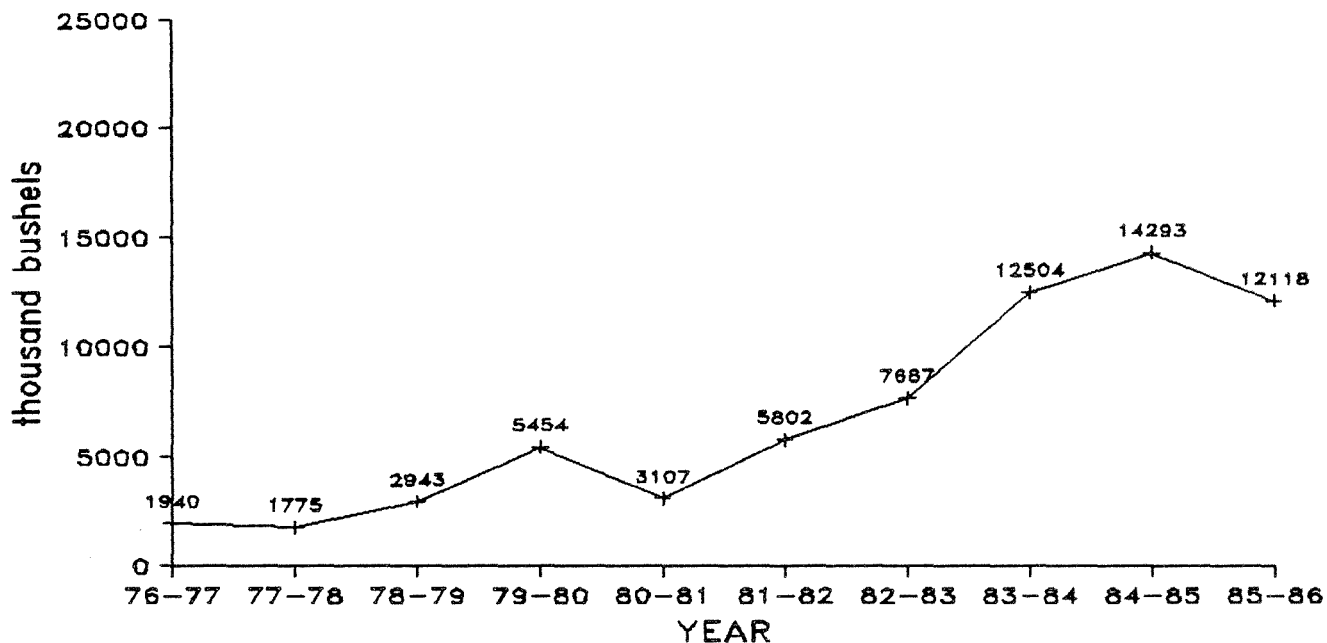


SOYBEANS

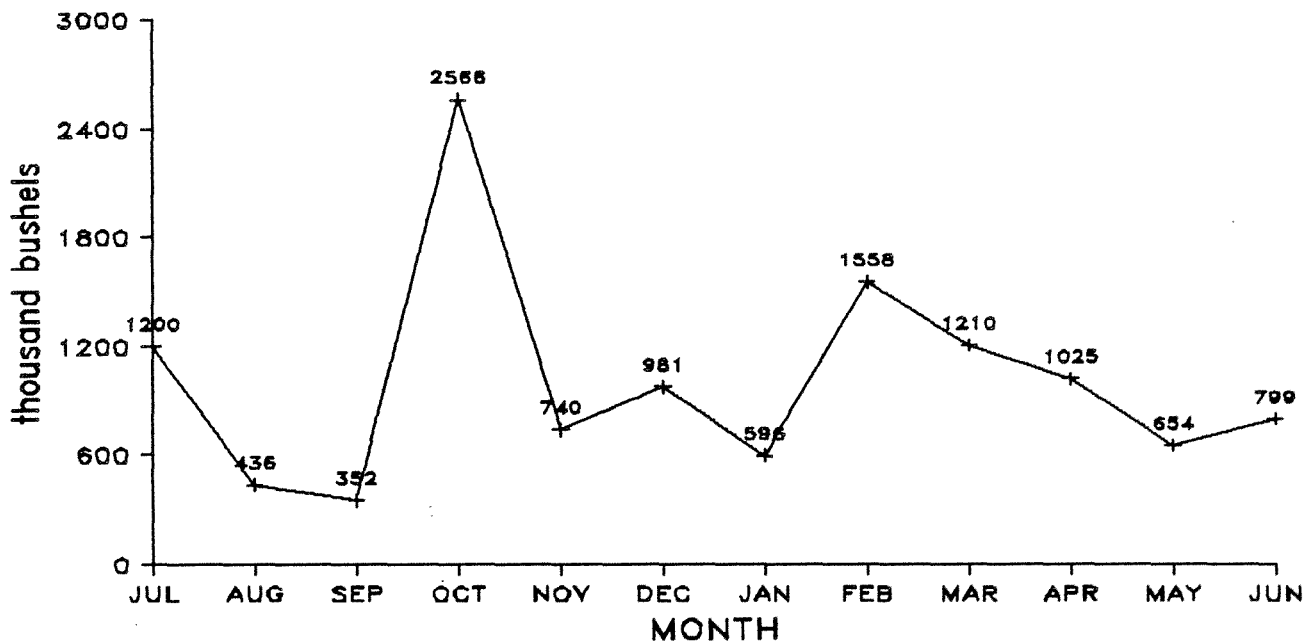
NORTH DAKOTA SOYBEAN SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77	389 (20%)	72 (4%)	21 (1%)	1,459 (75%)	1,941 (100%)
1977-78	367 (21%)	311 (18%)	29 (2%)	1,068 (60%)	1,776 (100%)
1978-79	1,020 (35%)	773 (26%)	10 (0%)	1,139 (39%)	2,943 (100%)
1979-80	3,469 (64%)	674 (12%)	20 (0%)	1,289 (24%)	5,452 (100%)
1980-81	1,762 (57%)	337 (11%)	22 (1%)	988 (32%)	3,109 (100%)
1981-82	3,758 (65%)	310 (5%)	317 (5%)	1,416 (24%)	5,801 (100%)
1982-83	5,639 (73%)	185 (2%)	952 (12%)	910 (12%)	7,687 (100%)
1983-84	7,625 (61%)	1,430 (11%)	2,418 (19%)	1,030 (8%)	12,504 (100%)
1984-85	4,361 (31%)	491 (3%)	6,825 (48%)	2,615 (18%)	14,292 (100%)
1985-86	5,739 (47%)	184 (2%)	3,631 (30%)	2,563 (21%)	12,116 (100%)
3 Year Average	5,908 (46%)	702 (5%)	4,291 (33%)	2,069 (16%)	12,971 (100%)

ALL SOYBEAN SHIPMENTS 1976-77 TO 1985-86



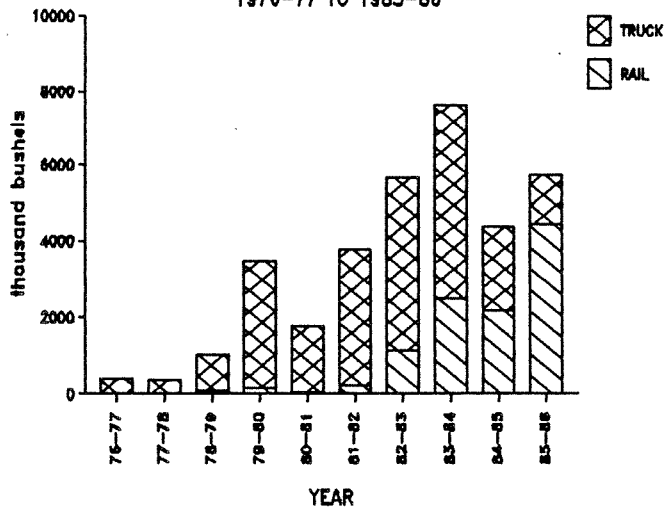
SOYBEAN SHIPMENTS BY MONTH, 1985-86



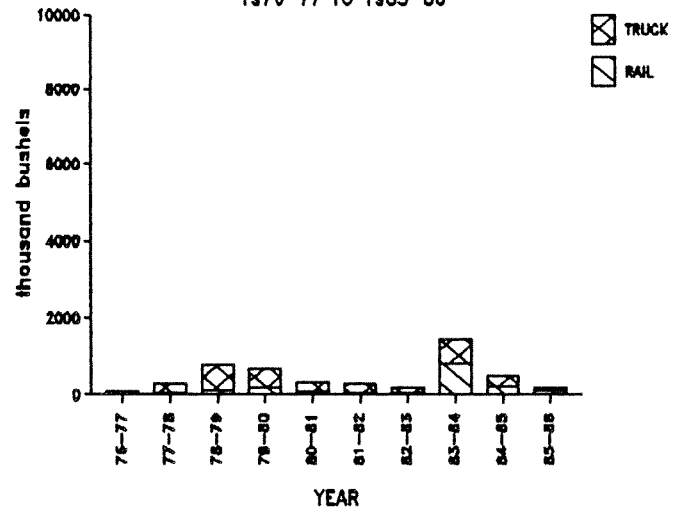
NORTH DAKOTA SOYBEAN SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	15 (4%)	373 (96%)	59 (83%)	12 (17%)	1 (4%)	20 (96%)	22 (1%)	1,438 (99%)	97 (5%)	1,844 (95%)
1977-78	28 (8%)	339 (92%)	35 (11%)	276 (89%)	3 (12%)	26 (88%)	10 (1%)	1,058 (99%)	77 (4%)	1,699 (96%)
1978-79	90 (9%)	930 (91%)	114 (15%)	659 (85%)	4 (35%)	7 (65%)	26 (2%)	1,113 (98%)	233 (8%)	2,709 (92%)
1979-80	147 (4%)	3,322 (96%)	196 (29%)	478 (71%)	10 (47%)	11 (53%)	5 (1%)	1,285 (99%)	357 (7%)	5,095 (93%)
1980-81	51 (3%)	1,711 (97%)	93 (28%)	244 (72%)	13 (61%)	8 (39%)	4 (1%)	983 (99%)	162 (5%)	2,947 (95%)
1981-82	243 (6%)	3,515 (94%)	38 (12%)	272 (88%)	229 (72%)	88 (28%)	43 (3%)	1,374 (97%)	553 (10%)	5,249 (90%)
1982-83	1,137 (20%)	4,502 (80%)	69 (37%)	117 (63%)	872 (92%)	80 (8%)	79 (9%)	831 (91%)	2,158 (28%)	5,529 (72%)
1983-84	2,482 (33%)	5,143 (67%)	804 (56%)	626 (44%)	2,370 (98%)	48 (2%)	368 (36%)	663 (64%)	6,023 (48%)	6,480 (52%)
1984-85	2,162 (50%)	2,199 (50%)	212 (43%)	279 (57%)	6,788 (99%)	37 (1%)	255 (10%)	2,361 (90%)	9,417 (66%)	4,876 (34%)
1985-86	4,434 (77%)	1,305 (23%)	112 (61%)	72 (39%)	3,532 (97%)	100 (3%)	175 (7%)	2,388 (93%)	8,252 (68%)	3,864 (32%)
3 Year Average	3,026 (51%)	2,882 (49%)	376 (54%)	326 (46%)	4,230 (99%)	62 (1%)	266 (13%)	1,804 (87%)	7,898 (61%)	5,074 (39%)

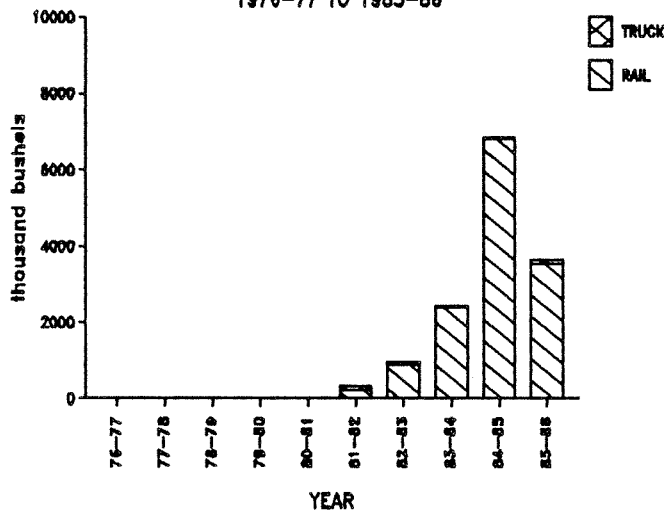
SOYBEANS TO MPLS
1976-77 TO 1985-86



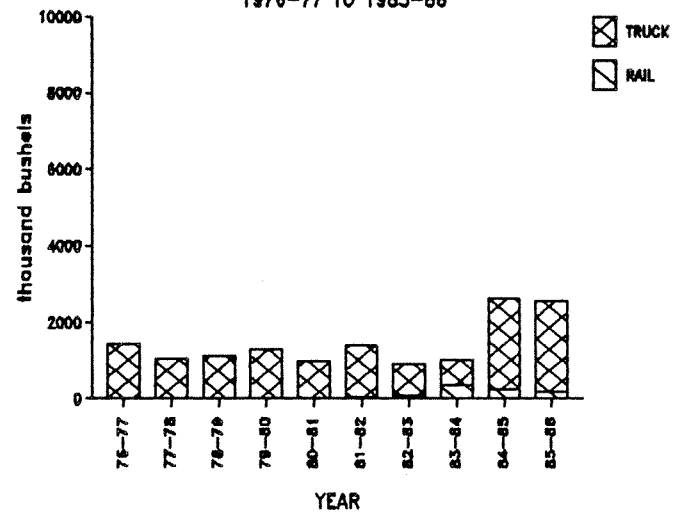
SOYBEANS TO D/S
1976-77 TO 1985-86



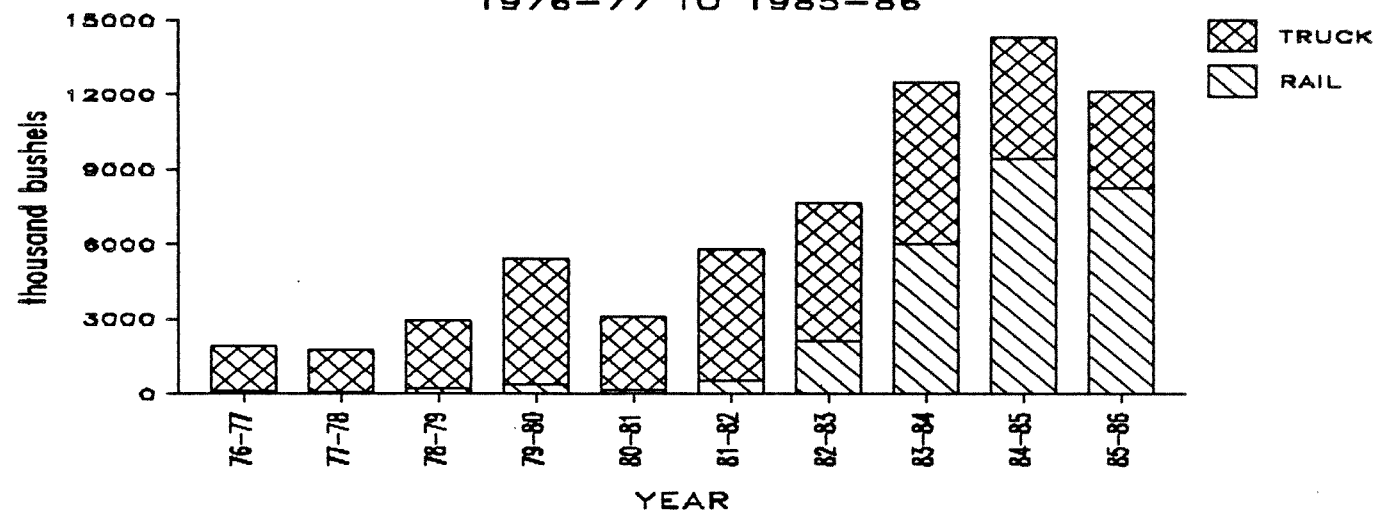
SOYBEANS TO WEST
1976-77 TO 1985-86



SOYBEANS TO MISC
1976-77 TO 1985-86



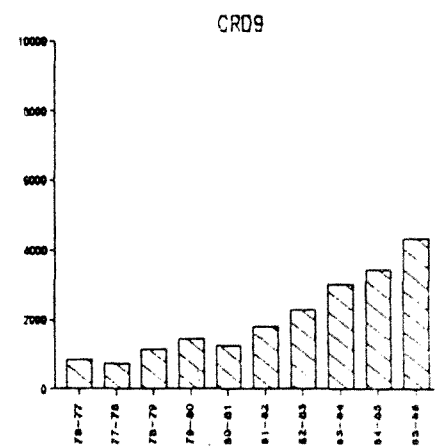
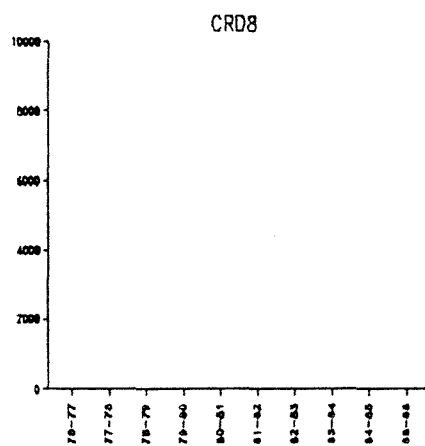
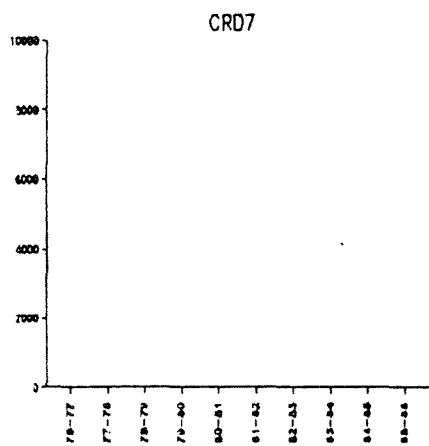
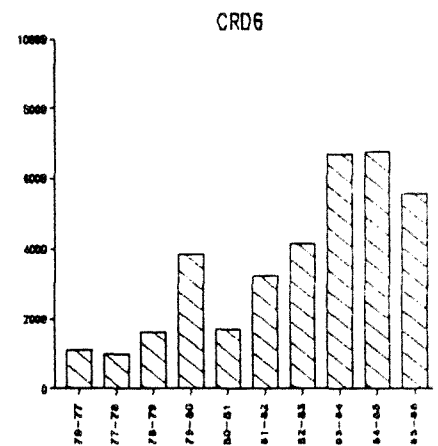
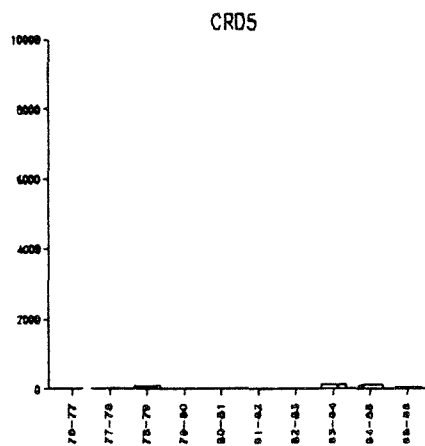
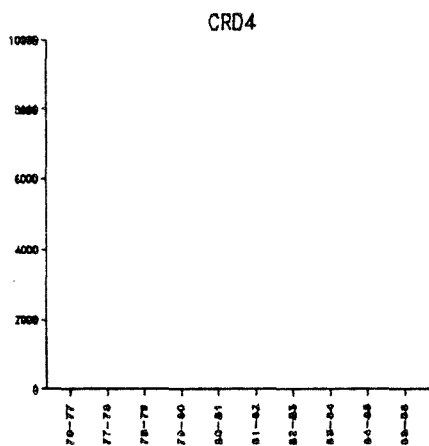
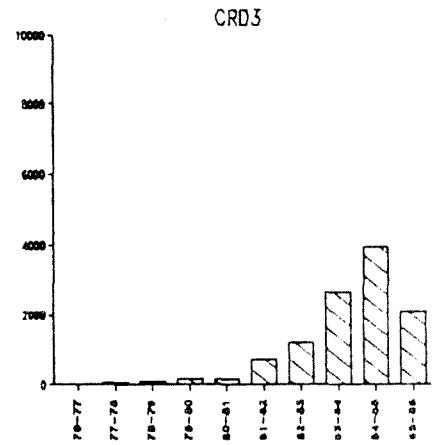
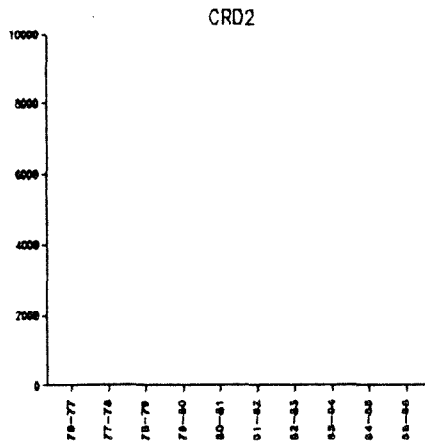
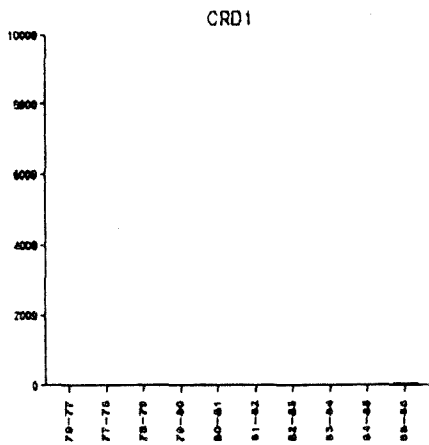
ALL SOYBEAN SHIPMENTS
1976-77 TO 1985-86



NORTH DAKOTA SOYBEAN SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	0 (0%)	0 (0%)	9 (1%)	0 (0%)	1 (0%)	1,093 (56%)	0 (0%)	0 (0%)	838 (43%)	1,941 (100%)
1977-78	0 (0%)	0 (0%)	39 (2%)	4 (0%)	0 (0%)	997 (36%)	0 (0%)	0 (0%)	736 (41%)	1,776 (100%)
1978-79	3 (0%)	0 (0%)	89 (3%)	3 (0%)	94 (3%)	1,608 (55%)	0 (0%)	0 (0%)	1,145 (39%)	2,943 (100%)
1979-80	11 (0%)	0 (0%)	155 (3%)	0 (0%)	8 (0%)	3,845 (71%)	0 (0%)	0 (0%)	1,434 (26%)	5,452 (100%)
1980-81	2 (0%)	0 (0%)	182 (6%)	0 (0%)	1 (0%)	1,678 (54%)	0 (0%)	0 (0%)	1,246 (40%)	3,109 (100%)
1981-82	0 (0%)	2 (0%)	722 (12%)	0 (0%)	37 (1%)	3,250 (56%)	0 (0%)	0 (0%)	1,790 (31%)	5,801 (100%)
1982-83	0 (0%)	3 (0%)	1,206 (16%)	0 (0%)	36 (1%)	4,164 (54%)	2 (0%)	0 (0%)	2,277 (30%)	7,687 (100%)
1983-84	2 (0%)	20 (0%)	2,665 (21%)	2 (0%)	112 (1%)	6,683 (53%)	4 (0%)	0 (0%)	3,016 (24%)	12,504 (100%)
1984-85	2 (0%)	2 (0%)	3,954 (28%)	5 (0%)	145 (1%)	6,736 (47%)	18 (0%)	7 (0%)	3,424 (24%)	14,292 (100%)
1985-86	43 (0%)	4 (0%)	2,114 (17%)	15 (0%)	44 (0%)	5,575 (46%)	0 (0%)	5 (0%)	4,317 (36%)	12,116 (100%)
3 Year Average	16 (0%)	9 (0%)	2,911 (23%)	7 (0%)	100 (1%)	6,331 (51%)	7 (0%)	4 (0%)	3,586 (25%)	12,971 (100%)

SOYBEAN SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)



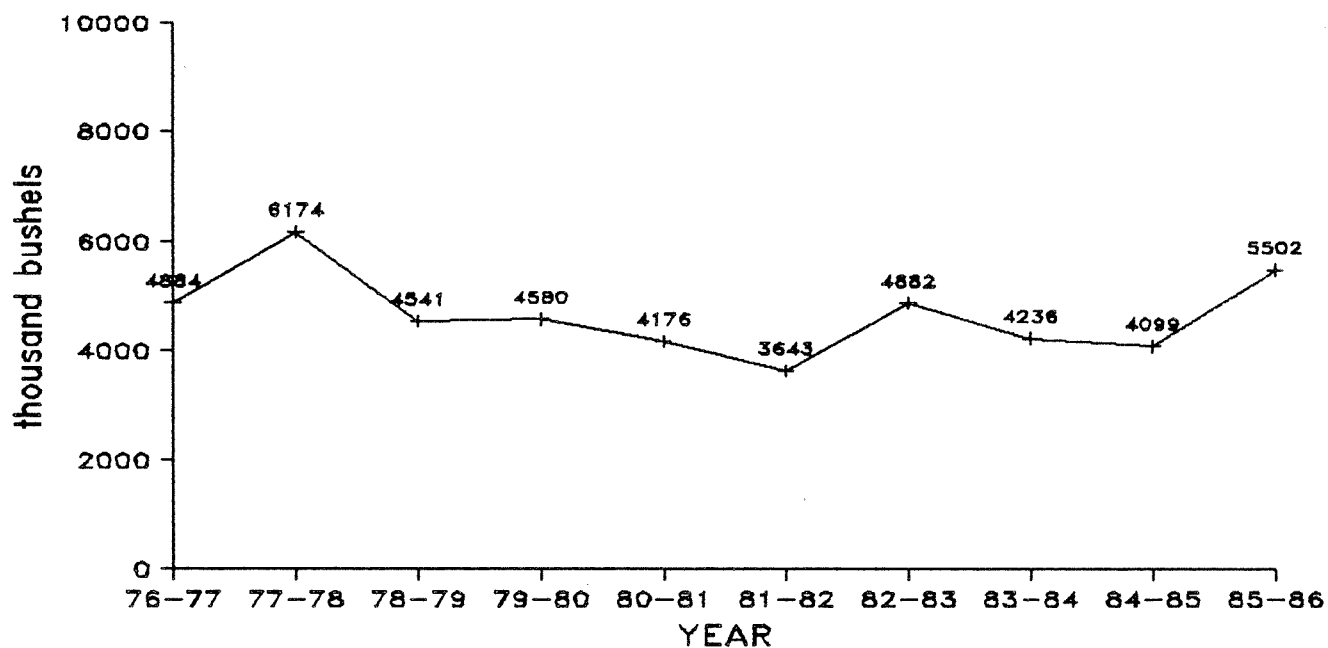
FLAXSEED

NORTH DAKOTA FLAXSEED SHIPMENTS BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77	4,260 (87%)	284 (6%)	59 (1%)	279 (6%)	4,882 (100%)
1977-78	4,941 (80%)	748 (12%)	72 (1%)	413 (7%)	6,174 (100%)
1978-79	4,054 (89%)	153 (3%)	21 (1%)	313 (7%)	4,541 (100%)
1979-80	4,114 (90%)	195 (4%)	10 (1%)	263 (6%)	4,582 (100%)
1980-81	3,874 (98%)	89 (2%)	14 (1%)	199 (5%)	4,176 (100%)
1981-82	3,207 (88%)	118 (3%)	4 (0%)	314 (8%)	3,644 (100%)
1982-83	1,820 (37%)	497 (10%)	8 (0%)	2,558 (52%)	4,883 (100%)
1983-84	1,598 (38%)	85 (2%)	52 (1%)	2,501 (59%)	4,235 (100%)
1984-85	1,555 (38%)	166 (4%)	121 (3%)	2,256 (55%)	4,098 (100%)
1985-86	2,171 (39%)	30 (0%)	6 (0%)	3,296 (60%)	5,503 (100%)
3 Year Average	1,775 (38%)	94 (2%)	60 (1%)	2,684 (59%)	4,612 (100%)

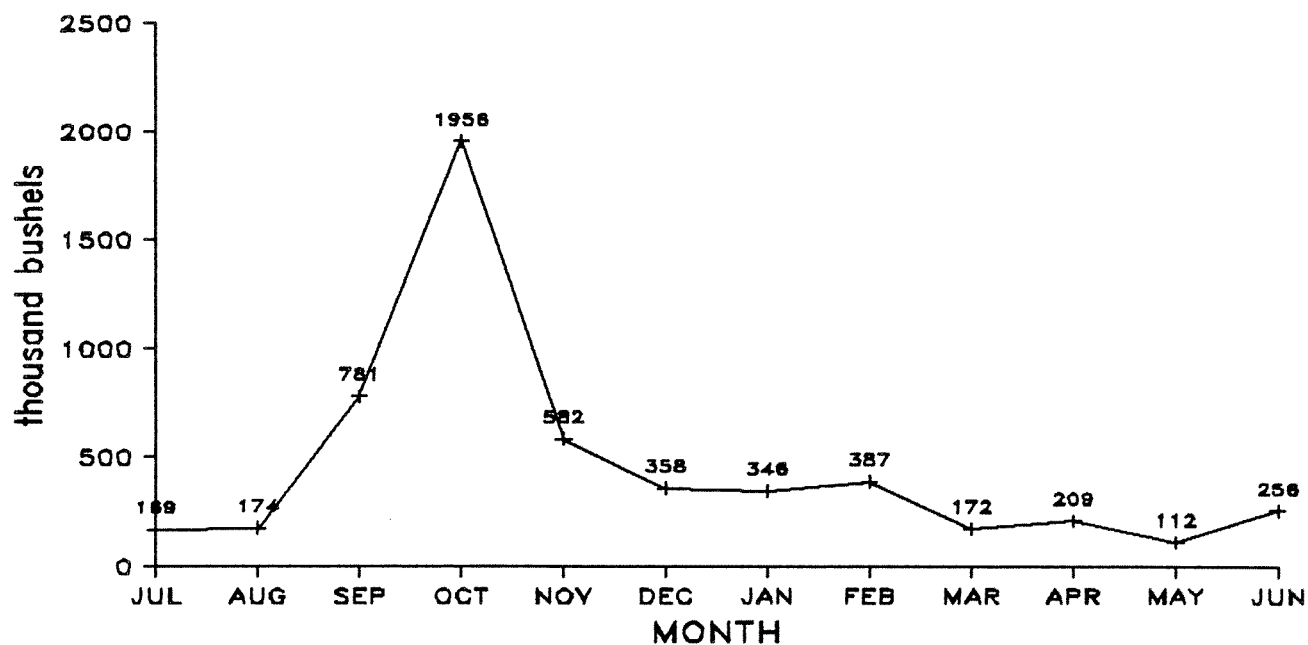
FLAX SHIPMENTS

1976-77 to 1985-86



FLAX SHIPMENTS

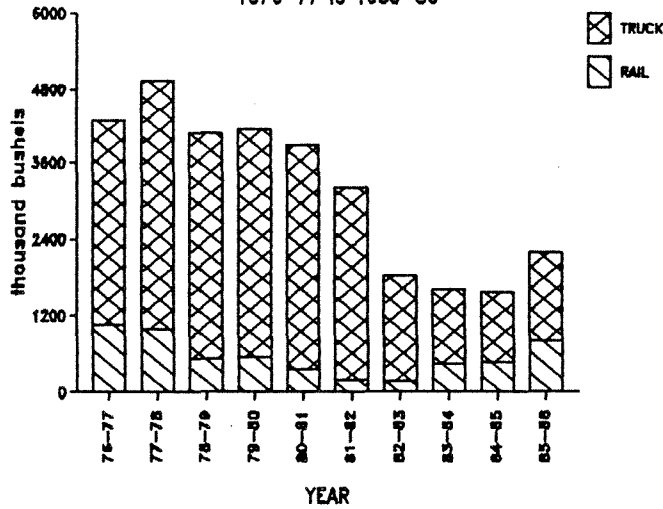
BY MONTH, 1985-86



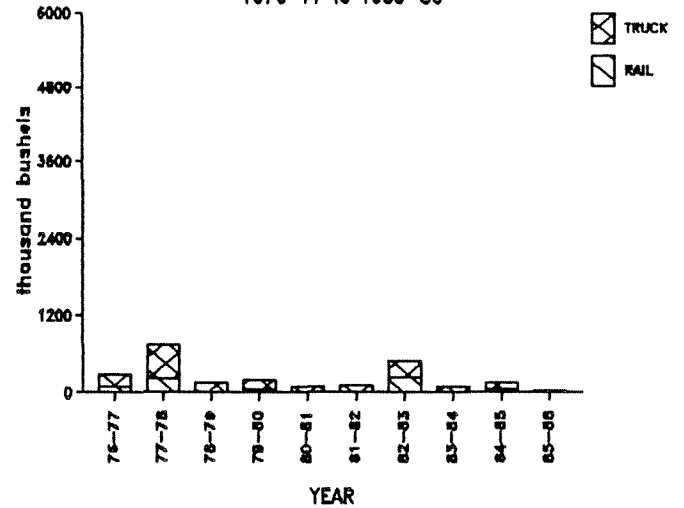
NORTH DAKOTA FLAXSEED SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77	1,046 (25%)	3,214 (75%)	102 (36%)	183 (64%)	0 (0%)	59 (100%)	206 (74%)	74 (26%)	1,354 (28%)	3,530 (72%)
1977-78	987 (20%)	3,954 (80%)	226 (30%)	522 (70%)	0 (0%)	72 (100%)	74 (18%)	339 (82%)	1,287 (21%)	4,887 (79%)
1978-79	541 (13%)	3,513 (87%)	18 (12%)	135 (88%)	2 (10%)	19 (90%)	32 (10%)	281 (90%)	593 (15%)	3,948 (85%)
1979-80	555 (13%)	3,558 (87%)	53 (27%)	141 (73%)	0 (0%)	10 (100%)	45 (17%)	218 (83%)	653 (14%)	3,927 (86%)
1980-81	358 (9%)	3,516 (91%)	7 (8%)	82 (92%)	0 (0%)	14 (100%)	100 (50%)	99 (50%)	465 (11%)	3,711 (89%)
1981-82	203 (6%)	3,004 (94%)	10 (9%)	108 (91%)	0 (0%)	4 (100%)	15 (5%)	299 (95%)	228 (6%)	3,415 (94%)
1982-83	184 (10%)	1,635 (90%)	240 (48%)	257 (52%)	0 (0%)	8 (100%)	325 (13%)	2,233 (87%)	749 (15%)	4,134 (92%)
1983-84	455 (29%)	1,143 (71%)	5 (6%)	80 (94%)	13 (25%)	39 (75%)	311 (12%)	2,190 (88%)	785 (19%)	3,451 (81%)
1984-85	480 (31%)	1,075 (69%)	51 (31%)	114 (69%)	95 (78%)	27 (22%)	370 (16%)	1,887 (84%)	996 (24%)	3,103 (76%)
1985-86	813 (37%)	1,358 (63%)	15 (50%)	15 (50%)	0 (0%)	6 (100%)	939 (29%)	2,356 (71%)	1,768 (32%)	3,736 (68%)
3 Year Average	583 (33%)	1,192 (67%)	24 (26%)	70 (74%)	36 (60%)	24 (40%)	540 (19%)	2,144 (81%)	1,183 (25%)	3,430 (75%)

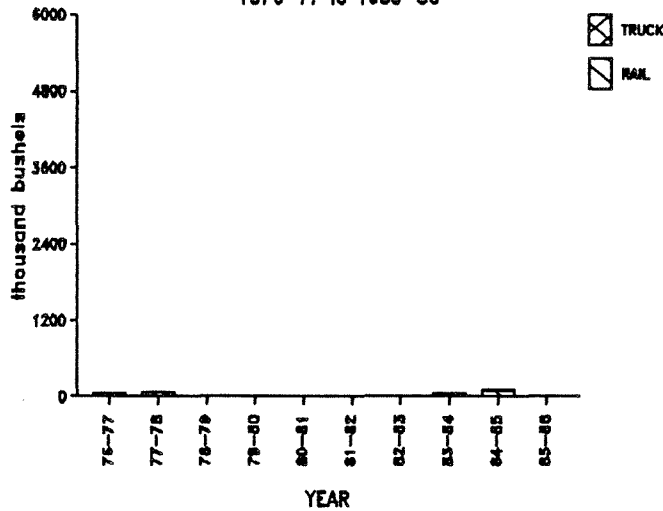
FLAX TO MPLS
1976-77 to 1985-86



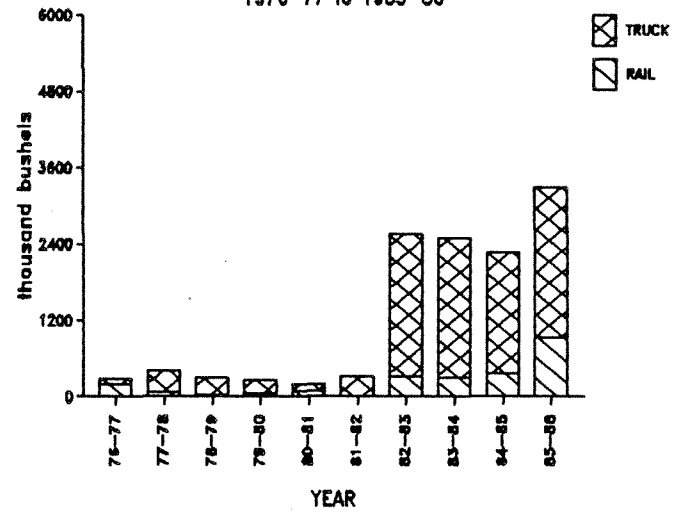
FLAX TO D/S
1976-77 to 1985-86



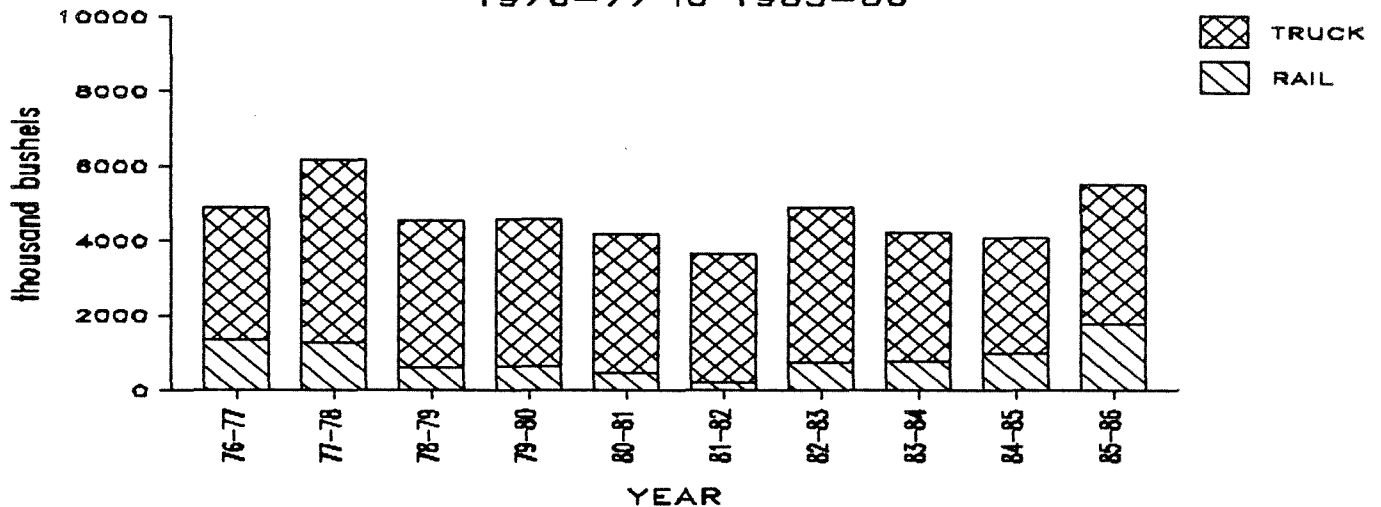
FLAX TO WEST
1976-77 to 1985-86



FLAX TO MISC
1976-77 to 1985-86



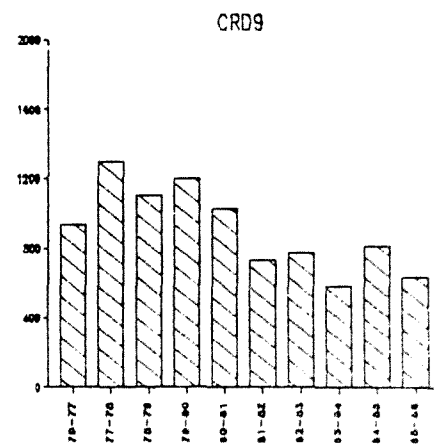
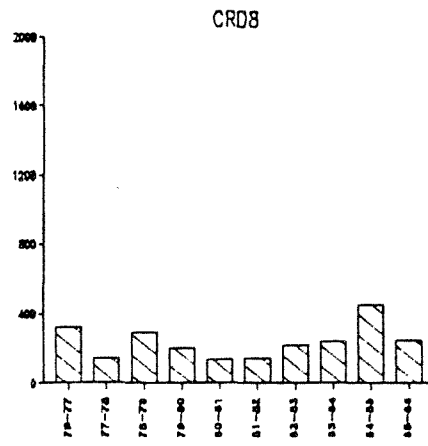
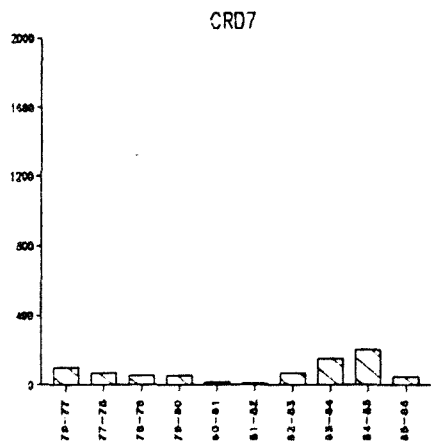
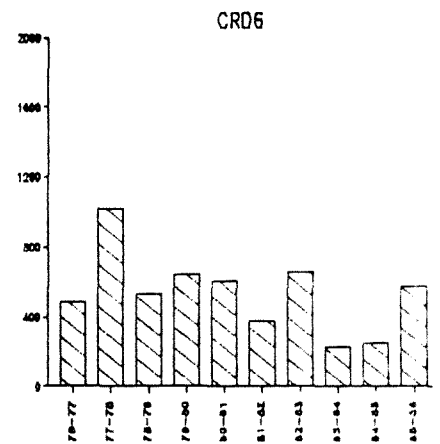
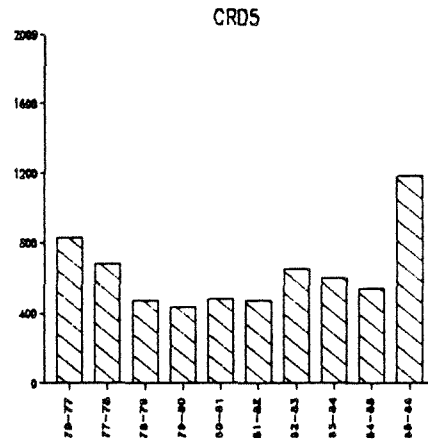
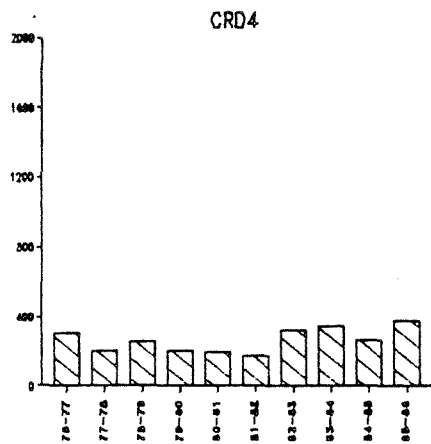
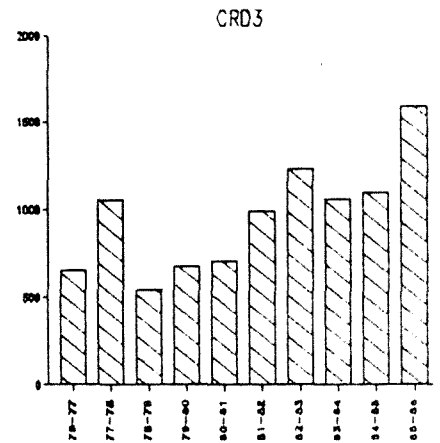
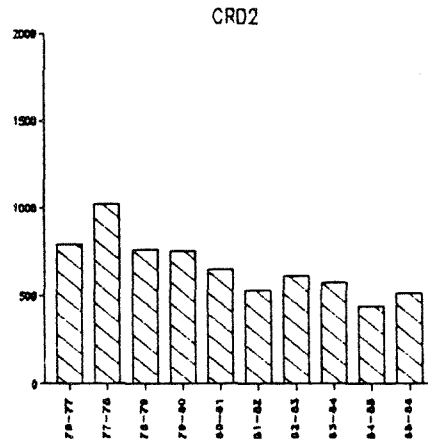
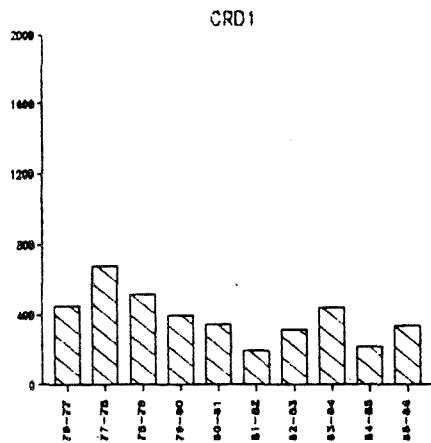
ALL FLAX SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA FLAXSEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77	450 (9%)	794 (16%)	656 (13%)	307 (6%)	829 (17%)	491 (10%)	98 (2%)	323 (7%)	935 (19%)	4,883 (100%)
1977-78	678 (11%)	1,022 (17%)	1,054 (17%)	203 (3%)	679 (11%)	1,024 (17%)	74 (1%)	145 (2%)	1,295 (21%)	6,174 (100%)
1978-79	515 (11%)	765 (17%)	547 (12%)	254 (6%)	474 (10%)	533 (12%)	57 (1%)	295 (6%)	1,102 (24%)	4,542 (100%)
1979-80	398 (9%)	752 (16%)	682 (15%)	207 (5%)	438 (10%)	641 (14%)	59 (1%)	203 (4%)	1,202 (26%)	4,582 (100%)
1980-81	348 (8%)	648 (16%)	707 (17%)	194 (4%)	481 (12%)	609 (15%)	22 (1%)	138 (3%)	1,029 (25%)	4,176 (100%)
1981-82	195 (5%)	530 (15%)	996 (27%)	178 (5%)	475 (13%)	377 (10%)	14 (0%)	147 (4%)	731 (20%)	3,644 (100%)
1982-83	319 (7%)	617 (13%)	1,235 (25%)	323 (7%)	654 (13%)	655 (13%)	67 (1%)	223 (5%)	780 (16%)	4,873 (100%)
1983-84	441 (10%)	579 (14%)	1,062 (25%)	349 (8%)	602 (14%)	227 (5%)	149 (4%)	239 (6%)	587 (14%)	4,235 (100%)
1984-85	217 (5%)	443 (11%)	1,097 (27%)	266 (6%)	541 (13%)	249 (6%)	204 (5%)	265 (6%)	816 (20%)	4,281 (100%)
1985-86	336 (6%)	518 (9%)	1,587 (29%)	373 (7%)	1,188 (22%)	573 (10%)	45 (1%)	247 (4%)	635 (12%)	5,503 (100%)
3 Year Average	331 (7%)	513 (11%)	1,249 (27%)	329 (7%)	777 (17%)	350 (7%)	133 (3%)	250 (5%)	679 (15%)	4,673 (100%)

FLAX SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)



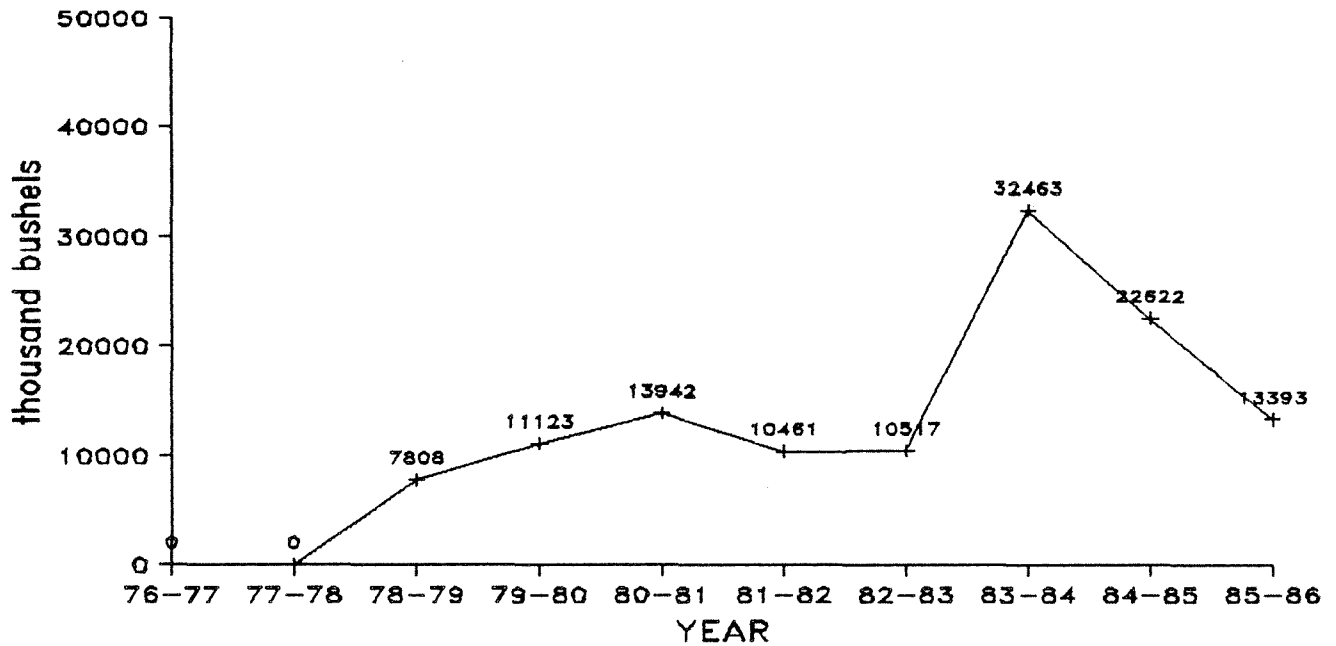
CORN

NORTH DAKOTA CORN SHIPMENTS
BY DESTINATION

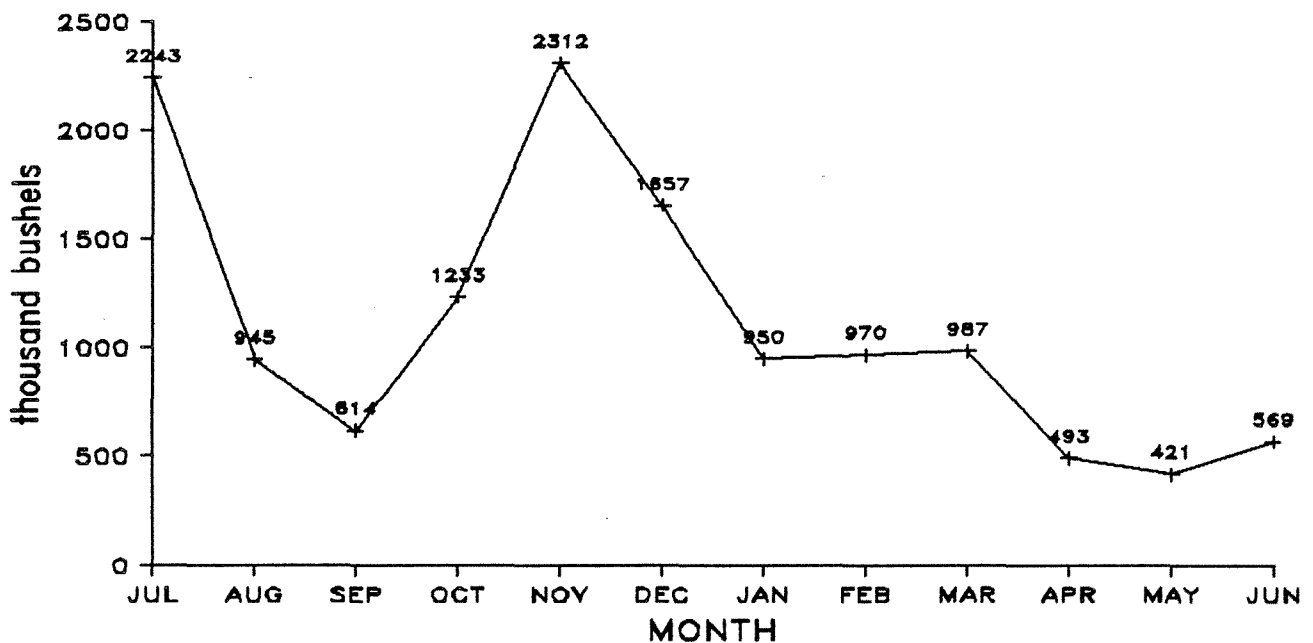
YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
(thousand bu.)					
1976-77 ^a	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
1977-78 ^a	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
1978-79	157 (2%)	262 (3%)	6,373 (82%)	1,019 (13%)	7,808 (100%)
1979-80	265 (2%)	270 (2%)	9,802 (88%)	786 (7%)	11,123 (100%)
1980-81	406 (3%)	154 (1%)	11,409 (82%)	2,013 (14%)	13,942 (100%)
1981-82	514 (5%)	243 (2%)	7,247 (69%)	2,457 (23%)	10,460 (100%)
1982-83	296 (3%)	350 (3%)	5,474 (52%)	4,397 (42%)	10,518 (100%)
1983-84	2,735 (8%)	4,175 (13%)	20,323 (63%)	5,229 (16%)	32,463 (100%)
1984-85	1,189 (5%)	2,859 (13%)	13,659 (60%)	4,916 (22%)	22,623 (100%)
1985-86	1,254 (9%)	68 (1%)	6,488 (48%)	5,584 (42%)	13,394 (100%)
3 Year Average	1,726 (8%)	2,367 (10%)	13,490 (59%)	5,243 (23%)	22,826 (100%)

^aPrior to 1978-79 corn movements were reported as "miscellaneous".

CORN SHIPMENTS 1976-77 to 1985-86



CORN SHIPMENTS BY MONTH, 1985-86

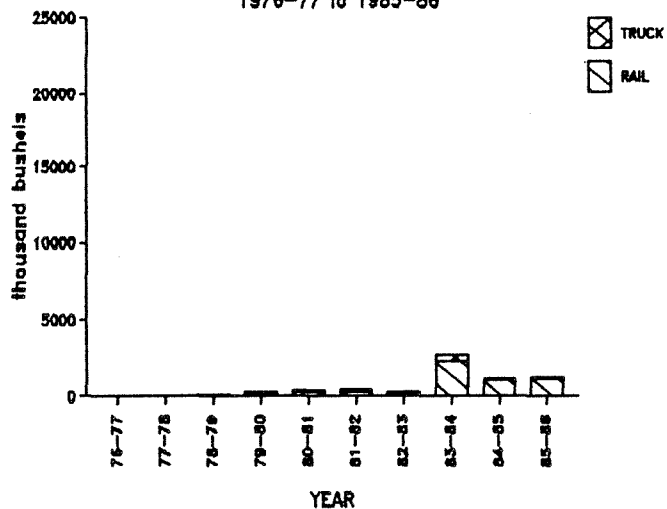


NORTH DAKOTA CORN SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

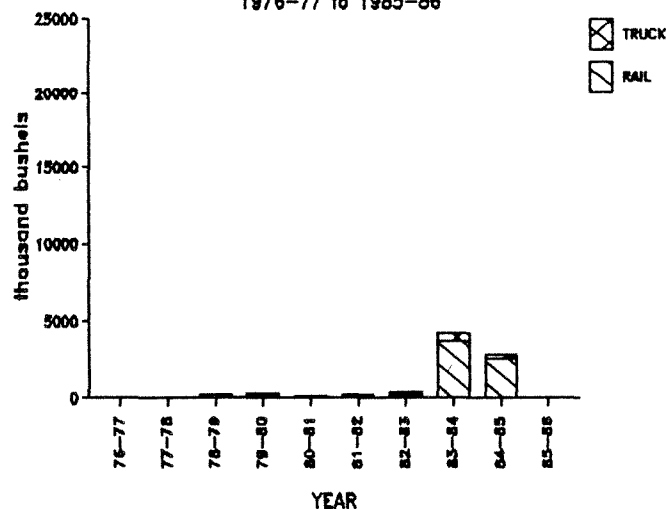
YEAR	<u>MINNEAPOLIS-ST. PAUL</u>		<u>DULUTH-SUPERIOR</u>		<u>WEST</u>		<u>MISC. MARKETS</u>		<u>TOTAL</u>	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1976-77 ^a	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
1977-78 ^a	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
1978-79	132 (84%)	25 (16%)	117 (45%)	142 (55%)	6,233 (98%)	140 (2%)	785 (77%)	234 (23%)	7,267 (93%)	541 (7%)
1979-80	221 (83%)	44 (17%)	150 (56%)	120 (44%)	9,752 (99%)	50 (1%)	525 (71%)	261 (29%)	10,648 (96%)	475 (4%)
1980-81	322 (79%)	84 (21%)	100 (53%)	54 (47%)	11,180 (98%)	189 (2%)	815 (40%)	1,198 (60%)	12,417 (89%)	1,525 (11%)
1981-82	278 (54%)	236 (46%)	74 (31%)	169 (69%)	6,465 (89%)	782 (11%)	256 (10%)	2,201 (90%)	7,072 (68%)	3,388 (32%)
1982-83	155 (52%)	141 (48%)	196 (56%)	154 (44%)	4,748 (87%)	726 (13%)	1,731 (39%)	2,666 (61%)	6,831 (65%)	3,687 (35%)
1983-84	2,332 (85%)	404 (15%)	3,737 (90%)	438 (10%)	20,133 (99%)	190 (1%)	3,034 (58%)	2,195 (42%)	29,236 (90%)	3,228 (10%)
1984-85	1,057 (89%)	132 (11%)	2,579 (90%)	280 (10%)	13,623 (100%)	36 (0%)	1,156 (24%)	3,759 (76%)	18,415 (81%)	4,207 (19%)
1985-86	1,185 (95%)	69 (5%)	43 (64%)	24 (36%)	6,305 (97%)	183 (3%)	2,815 (50%)	2,769 (50%)	10,348 (77%)	3,046 (23%)
3 Year Average	1,525 (88%)	202 (12%)	2,120 (90%)	247 (10%)	13,354 (99%)	136 (1%)	2,335 (45%)	2,908 (55%)	19,333 (85%)	3,493 (15%)

^aPrior to 1978-79, corn movements were reported as "miscellaneous".

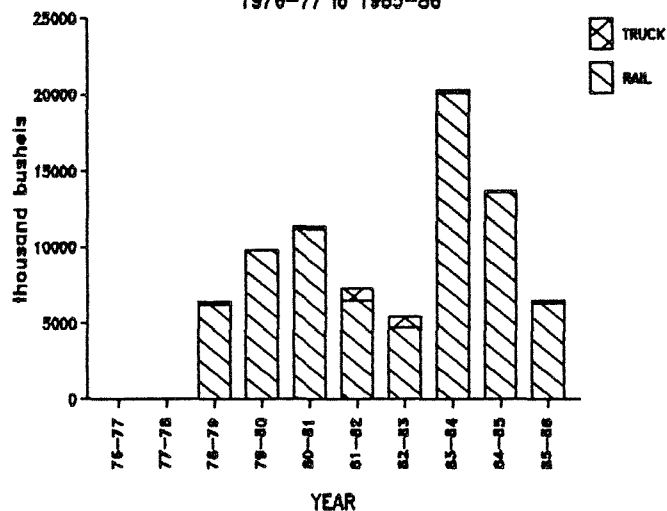
CORN TO MPLS
1976-77 to 1985-86



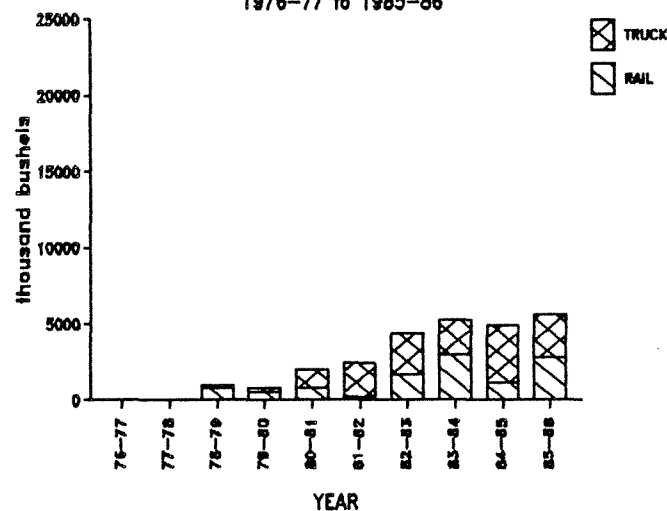
CORN TO D/S
1976-77 to 1985-86



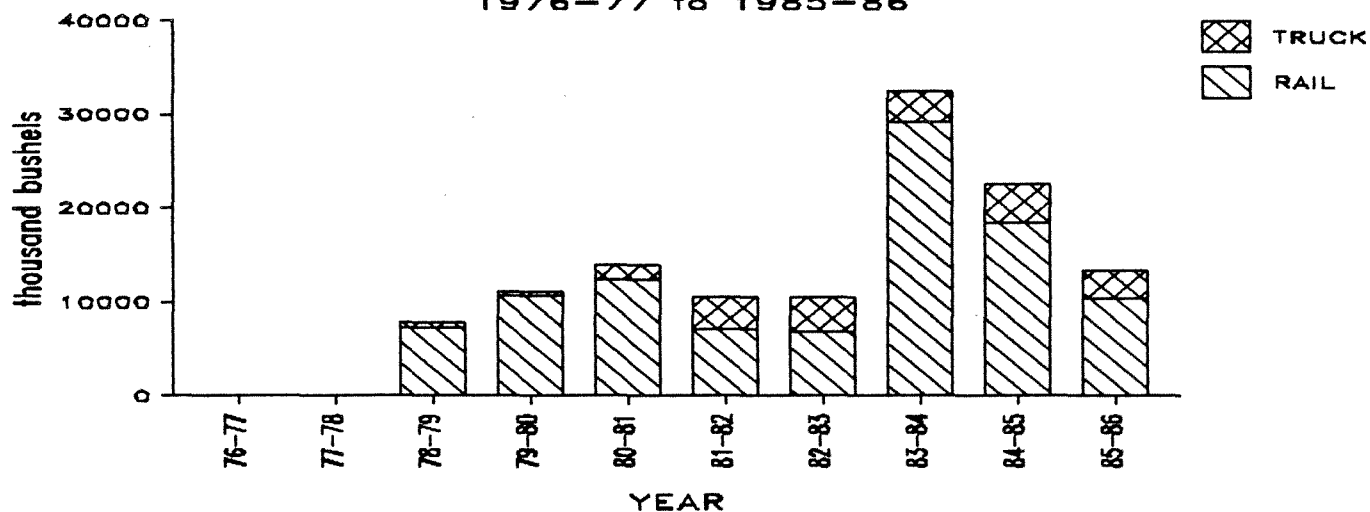
CORN TO WEST
1976-77 to 1985-86



CORN TO MISC
1976-77 to 1985-86



ALL CORN SHIPMENTS
1976-77 to 1985-86



NORTH DAKOTA CORN SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1976-77 ^a	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
1977-78 ^a	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
1978-79	0 (0%)	0 (0%)	424 (5%)	0 (0%)	64 (1%)	1,388 (18%)	0 (0%)	3 (0%)	5,929 (76%)	7,808 (100%)
1979-80	0 (0%)	0 (0%)	384 (3%)	0 (0%)	53 (0%)	2,527 (23%)	0 (0%)	0 (0%)	8,159 (73%)	11,123 (100%)
1980-81	2 (0%)	0 (0%)	382 (3%)	0 (0%)	88 (1%)	2,329 (17%)	0 (0%)	0 (0%)	11,141 (80%)	13,942 (100%)
1981-82	0 (0%)	0 (0%)	769 (7%)	3 (0%)	35 (0%)	1,982 (19%)	0 (0%)	0 (0%)	7,671 (73%)	10,460 (100%)
1982-83	121 (1%)	6 (0%)	791 (8%)	33 (0%)	137 (1%)	3,132 (30%)	5 (0%)	0 (0%)	6,293 (60%)	10,518 (100%)
1983-84	12 (0%)	139 (0%)	1,997 (6%)	242 (1%)	1,159 (4%)	9,477 (29%)	249 (1%)	224 (1%)	18,963 (58%)	32,463 (100%)
1984-85	0 (0%)	20 (0%)	1,109 (5%)	49 (0%)	600 (3%)	6,800 (30%)	496 (2%)	304 (1%)	13,246 (59%)	22,623 (100%)
1985-86	1 (0%)	9 (0%)	334 (2%)	12 (0%)	162 (1%)	3,181 (24%)	12 (0%)	11 (0%)	9,671 (72%)	13,394 (100%)
3 Year Average	4 (0%)	56 (0%)	1,147 (5%)	101 (0%)	640 (3%)	6,486 (28%)	252 (1%)	180 (1%)	13,960 (61%)	22,826 (100%)

^aPrior to 1978-79, corn movements were reported as "miscellaneous".

CORN SHIPMENTS BY CROP REPORTING DISTRICT
(thousand bushels)

