

**NORTH DAKOTA GRAIN AND OILSEED
TRANSPORTATION STATISTICS
1982-83**

By

**Daniel L. Zink
Randy D. Dick**

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**DANIEL L. ZINK
RESEARCH ASSOCIATE
RANDY D. DICK
RESEARCH ASSISTANT**

**UPPER GREAT PLAINS TRANSPORTATION INSTITUTE
NORTH DAKOTA STATE UNIVERSITY
P. O. BOX 5074
FARGO, NORTH DAKOTA 58105**

in cooperation with

**NORTH DAKOTA STATE WHEAT COMMISSION
BISMARCK, NORTH DAKOTA**

and

**NORTH DAKOTA PUBLIC SERVICE COMMISSION
BISMARCK, NORTH DAKOTA**

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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, 1982 to June, 1983 and previous years.

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

Source of Data

The data used to analyze North Dakota grain distribution patterns for the period July, 1982 through June, 1983, 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

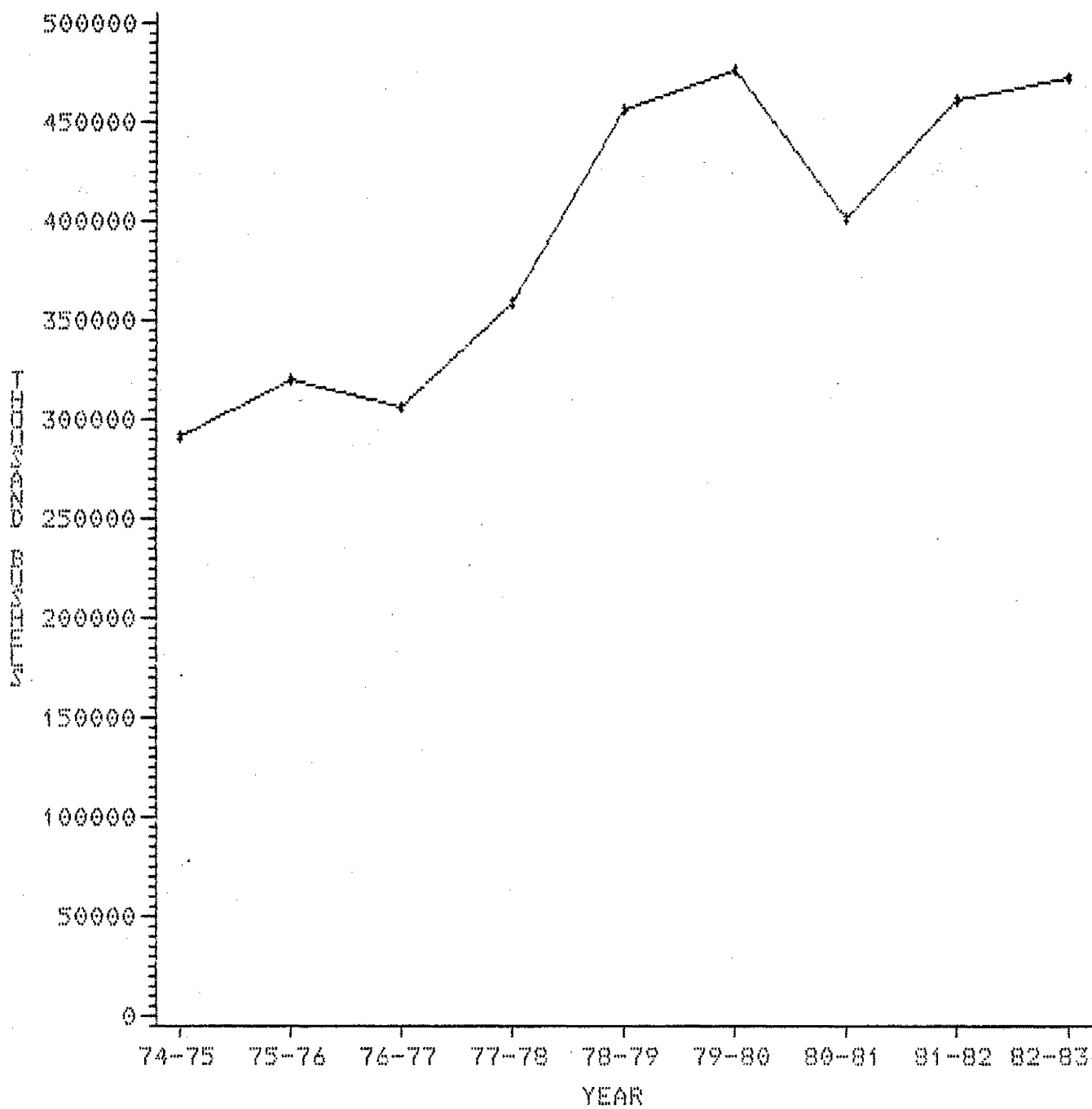
The same general commodity flow characteristics are considered in this report as in previous reports of this nature. The commodity flow characteristic "commodity shipped" is used to delineate major sections of the report. That is, flow patterns for each type of grain are described in separate sections. 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) Rye, (8) Flaxseed, and (9) Corn.



NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
1975-1983

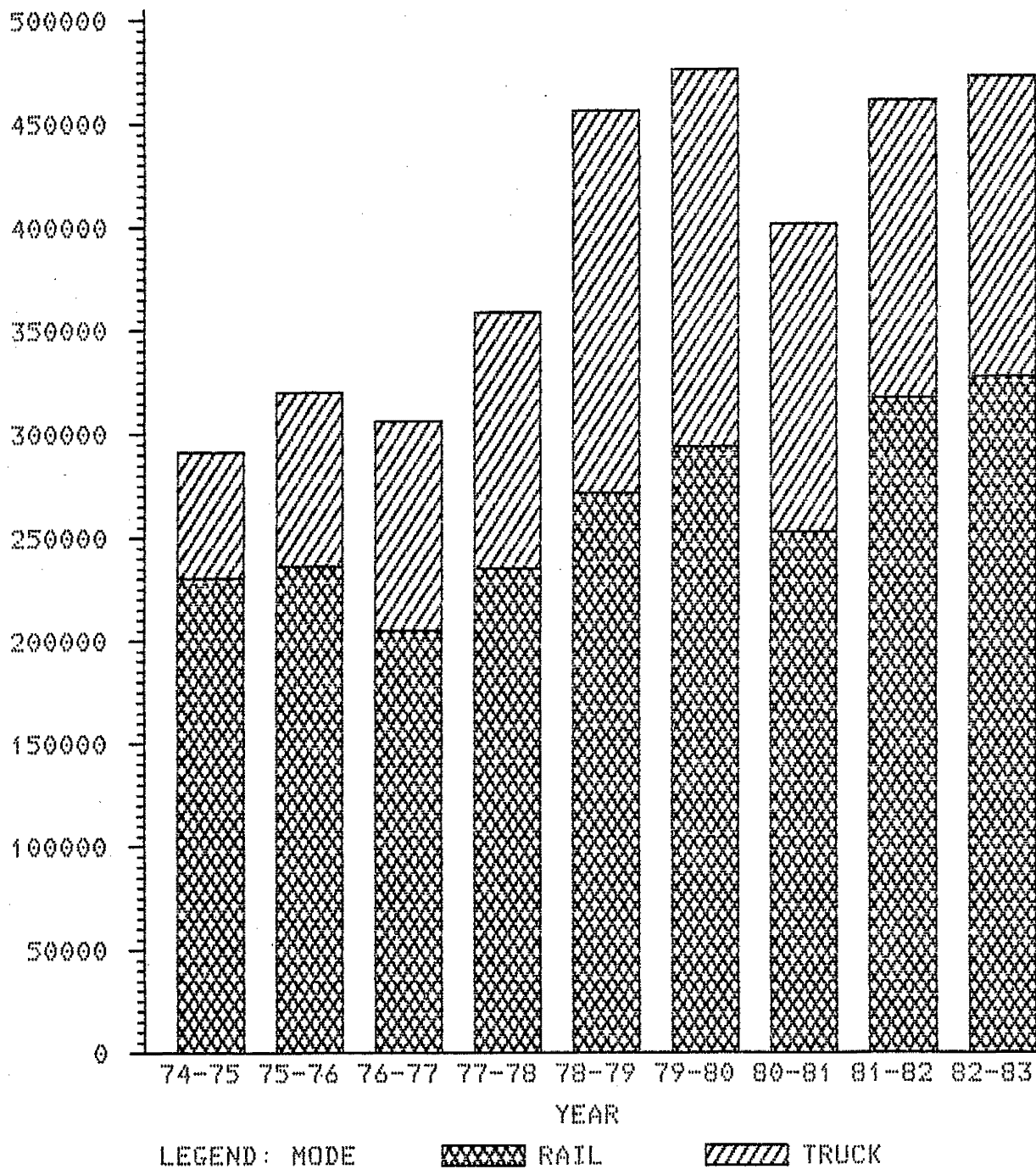
YEAR	HARD RED SPRING	DURUM	BARLEY	SUNFLOWERS	OATS	RYE	FLAXSEED	MISC.	CORN	TOTAL
(thousand bu.)										
1975-76	139,361 (44%)	74,817 (23%)	56,355 (18%)	14,554 (5%)	15,104 (1%)	3,293 (2%)	6,590 (2%)	10,211 (3%)	N.A.	320,285 (100%)
1976-77	123,976 (41%)	65,024 (21%)	73,314 (24%)	15,622 (5%)	12,158 (4%)	2,769 (1%)	4,883 (2%)	8,166 (3%)	N.A.	305,912 (100%)
1977-78	127,953 (36%)	88,366 (25%)	63,115 (18%)	51,278 (14%)	10,492 (3%)	1,772 (1%)	6,174 (2%)	9,454 (3%)	N.A.	358,604 (100%)
1978-79	184,923 (41%)	88,659 (19%)	69,648 (15%)	79,253 (17%)	12,087 (3%)	2,811 (1%)	4,541 (1%)	14,312 (3%)	N.A.	456,234 (100%)
1979-80	169,573 (36%)	94,581 (20%)	78,621 (17%)	95,940 (20%)	7,959 (2%)	3,598 (1%)	4,580 (1%)	21,212 (4%)	N.A.	476,064 (100%)
1980-81	126,115 (31%)	63,193 (16%)	62,672 (15%)	114,866 (28%)	3,515 (1%)	2,020 (1%)	4,176 (1%)	10,587 (3%)	13,941 (3%)	401,085 (100%)
1981-82	148,169 (32%)	81,881 (17%)	79,801 (17%)	111,496 (24%)	8,379 (2%)	1,741 (.4%)	3,644 (.8%)	16,292 (4%)	10,460 (2%)	461,862 (100%)
1982-83	178,800 (36%)	79,132 (16%)	70,106 (14%)	121,744 (25%)	10,583 (2%)	1,285 (.3%)	4,883 (1%)	14,621 (3%)	10,518 (2%)	491,671 (100%)

ALL COMM TO ALL DEST



ALL TO ALL BY MODE

(thousand bu.)



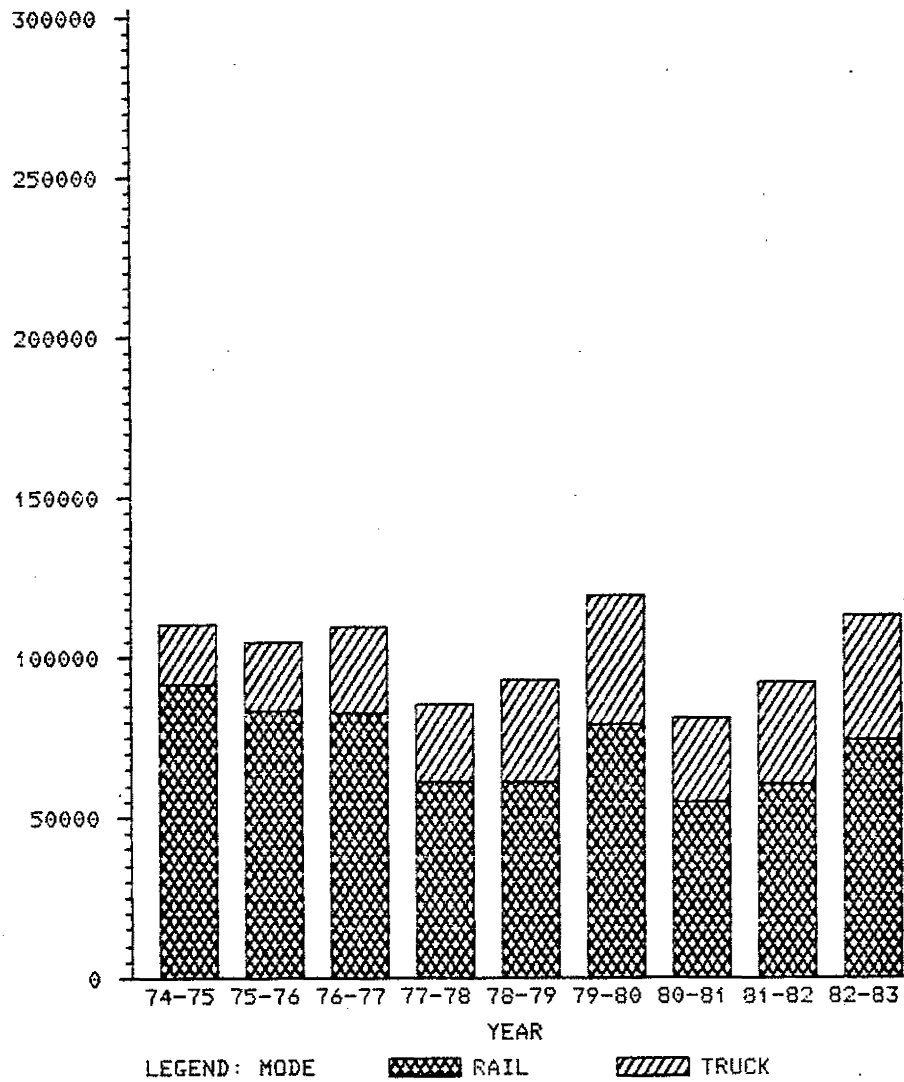
NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	104,900 (33%)	152,514 (48%)	22,031 (7%)	40,840 (13%)	320,285 (100%)
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%)
3 Year Average	98,777 (22%)	205,717 (46%)	40,740 (9%)	106,305 (24%)	451,539 (100%)

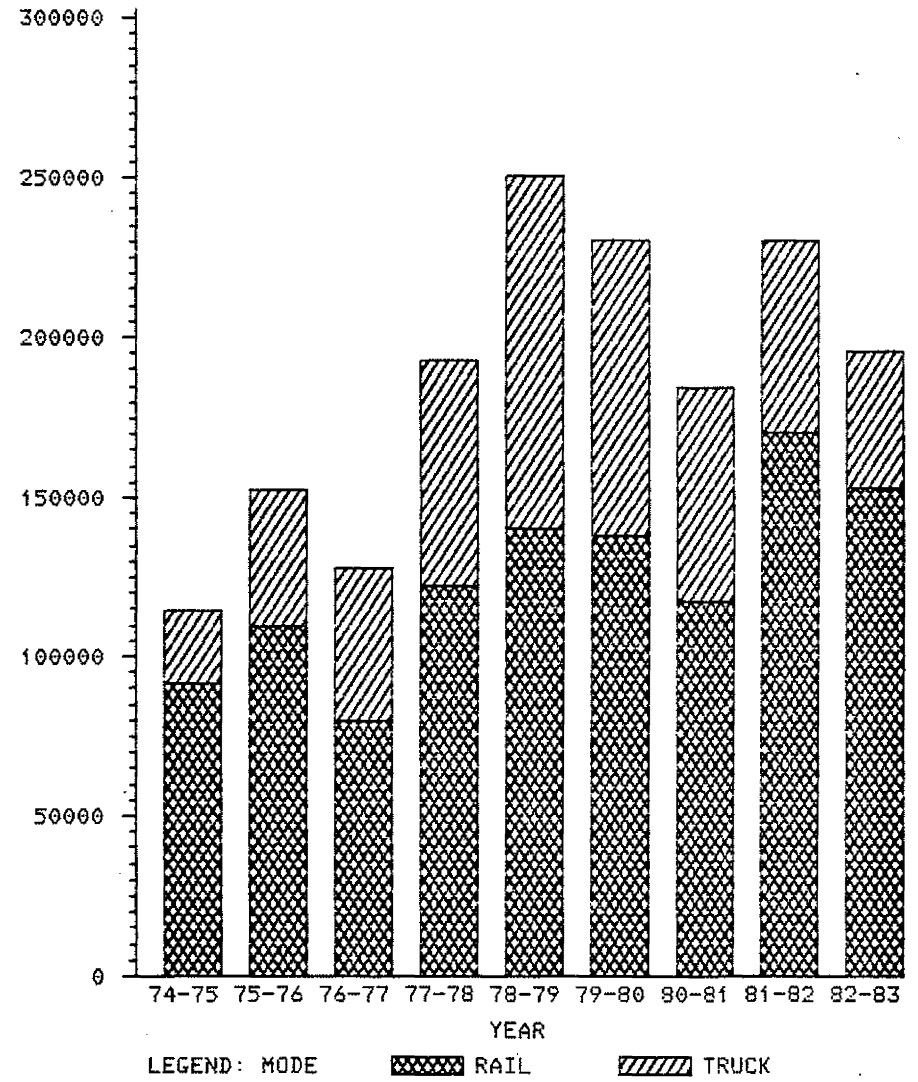
NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	(thousand bu.)									
1975-76	83,290 (79%)	21,610 (21%)	110,012 (72%)	42,502 (28%)	15,376 (70%)	6,654 (30%)	27,813 (68%)	13,027 (32%)	236,491 (74%)	83,793 (26%)
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%)
3 Year Average	65,561 (68%)	31,215 (32%)	148,737 (76%)	46,797 (24%)	26,607 (65%)	14,133 (35%)	62,328 (59%)	43,977 (41%)	303,236 (67%)	148,305 (33%)

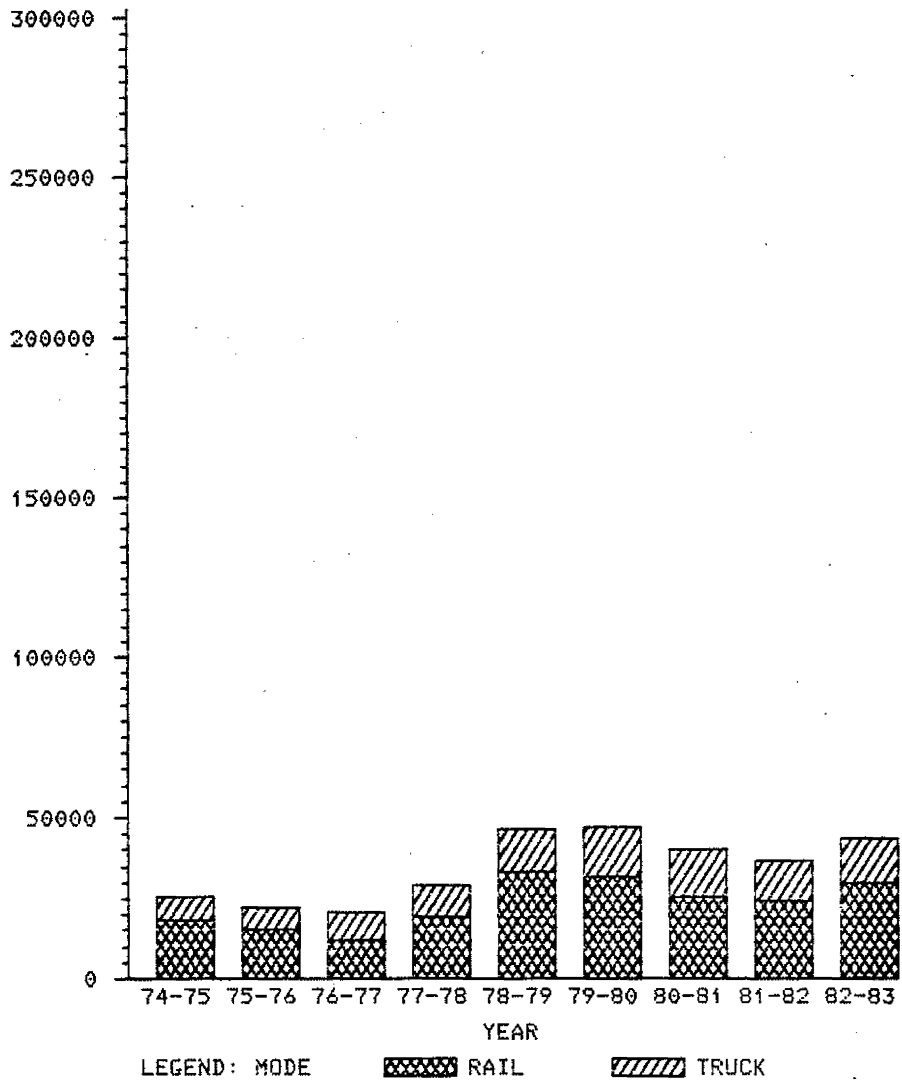
ALL TO MSP BY MODE
(thousand bu.)



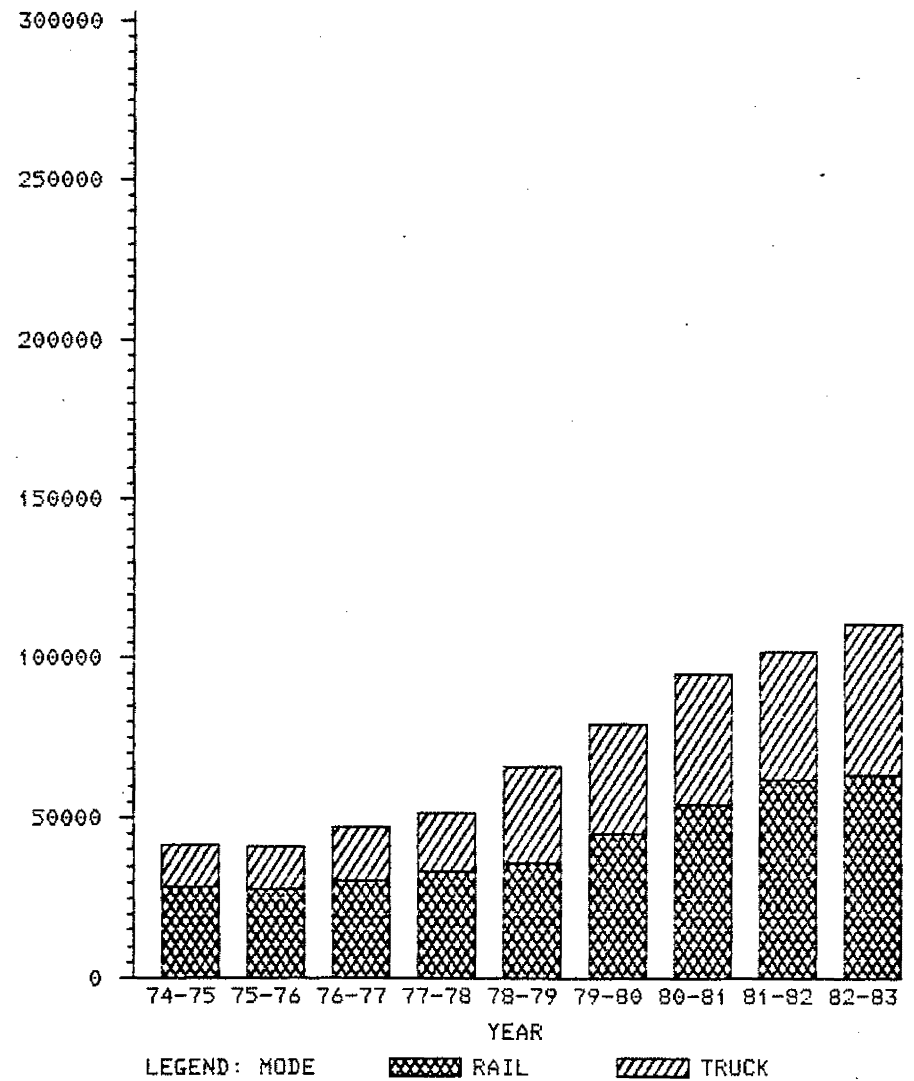
ALL TO DS BY MODE
(thousand bu.)



ALL TO PNW BY MODE
(thousand bu.)



ALL TO MISC BY MODE
(thousand bu.)



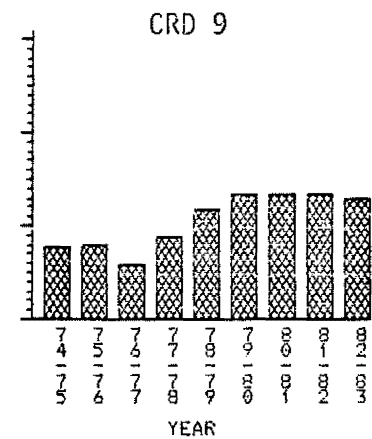
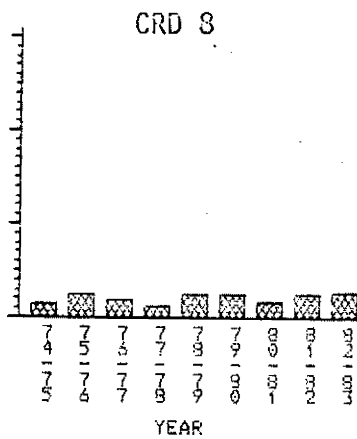
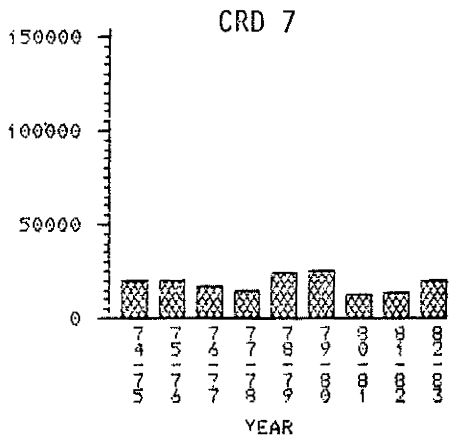
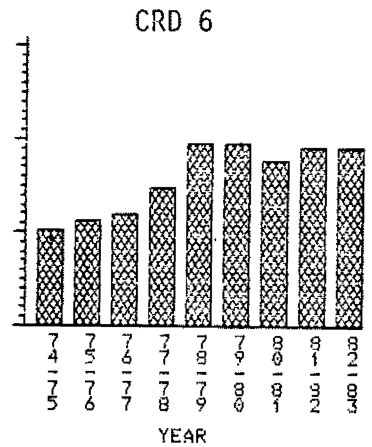
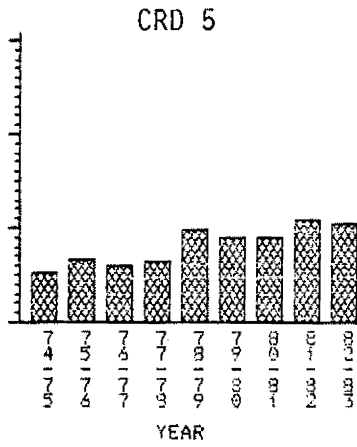
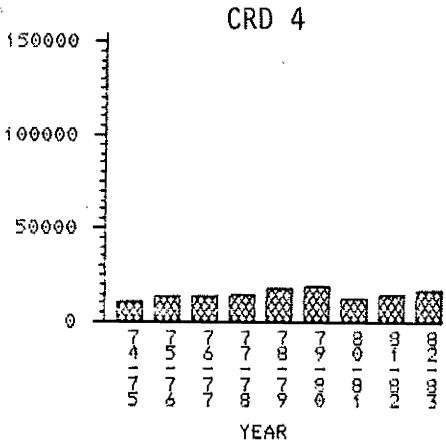
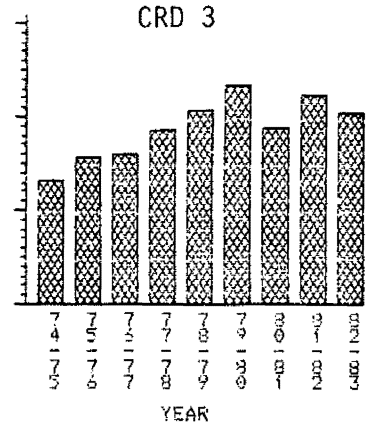
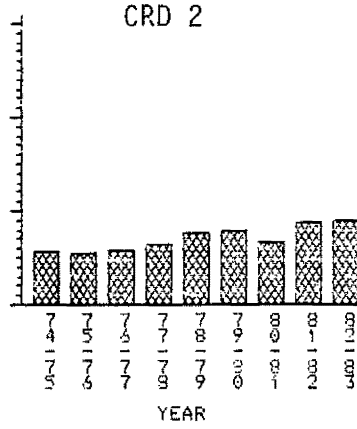
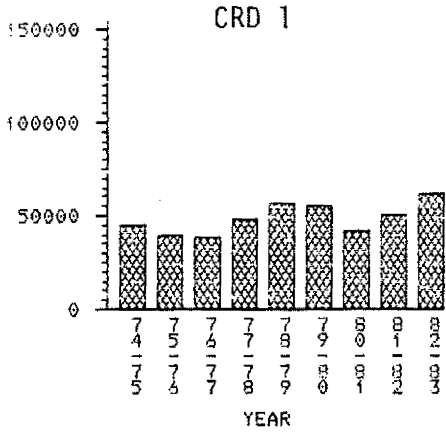
NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN^a

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1975-76	39,254 (12%)	27,362 (9%)	78,193 (24%)	13,941 (4%)	33,031 (10%)	55,875 (17%)	20,044 (6%)	12,834 (4%)	39,748 (12%)	320,282 (100%)
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%)
3 Year Average	52,147 (11%)	41,345 (9%)	103,145 (23%)	15,359 (3%)	51,120 (11%)	93,665 (21%)	15,878 (3%)	11,698 (3%)	67,091 (15%)	451,539 (100%)

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Includes hard red spring, durum, sunflower, barley, oats, rye, flaxseed, corn, and miscellaneous commodities.

ALL GRAIN AND OILSEED SHIPMENTS BY CRD
(thousand bu.)

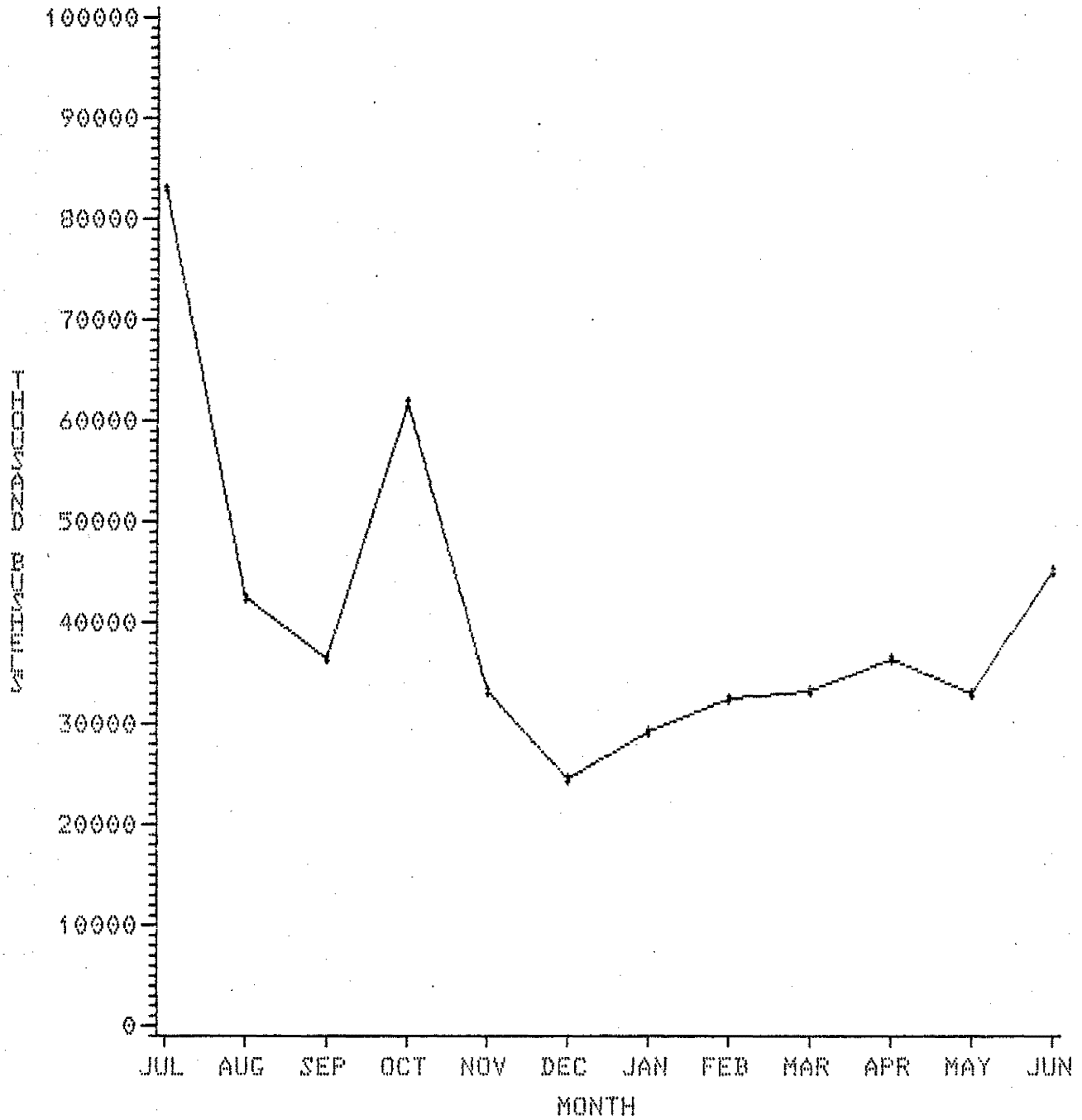


NORTH DAKOTA GRAIN AND OILSEED MOVEMENT BY MONTH
 July, 1982 - June, 1983
 (bushels)

MONTH	HRS	DURUM	RYE	FLAXSEED	BARLEY	OATS	CORN	SUNFLOWERS	MISC.	TOTAL
July	39,356,166	15,796,477	454,586	340,729	17,319,365	2,109,882	1,539,968	5,030,221	1,079,306	83,026,700
August	22,450,759	9,174,505	220,204	1,570,368	5,234,433	1,011,884	476,677	1,464,075	914,500	42,517,405
September	11,578,865	5,149,154	75,325	661,909	3,622,041	574,634	333,946	12,884,184	1,652,553	36,532,620
October	15,510,588	5,412,213	24,546	616,762	3,787,372	831,838	700,570	32,583,258	2,287,077	61,754,224
November	7,991,808	4,028,333	42,424	351,798	4,662,046	945,582	938,560	12,883,478	1,479,208	33,354,237
December	8,238,036	3,877,766	30,513	174,567	4,001,107	957,227	549,776	5,424,305	1,238,614	24,491,971
January	9,350,241	3,959,349	181,347	128,456	4,896,591	792,392	1,647,604	6,987,416	1,376,712	29,320,108
February	12,921,585	5,013,742	26,751	113,443	4,336,923	615,366	1,089,948	7,455,983	999,412	32,573,153
March	13,019,826	5,110,551	26,751	114,408	4,472,670	629,346	729,618	8,255,703	855,642	33,214,515
April	12,792,020	5,137,318	31,859	90,171	5,878,049	742,903	857,903	9,977,458	896,539	36,403,734
May	10,261,907	7,705,284	60,007	116,983	5,062,171	513,695	648,684	7,967,465	781,743	33,117,939
June	15,327,744	8,767,459	80,665	603,359	6,833,073	857,677	1,004,785	10,830,645	1,095,336	45,364,743
Total	178,799,545	79,132,151	1,285,038	4,882,953	70,105,841	10,582,949	10,518,039	121,744,191	14,620,642	491,671,349

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ALL COMM BY MONTH, 1982-83



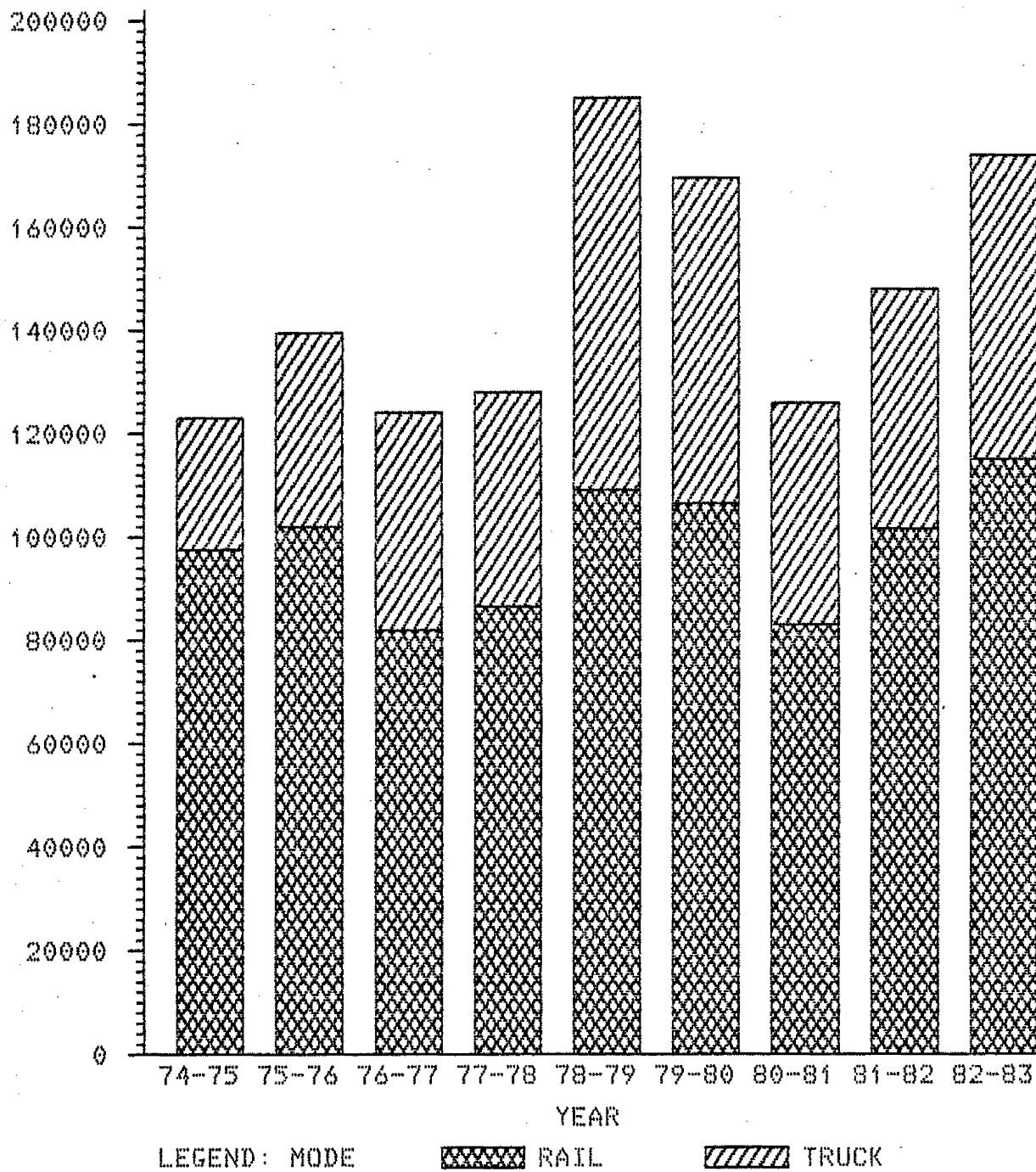


NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	32,855 (24%)	74,467 (53%)	17,788 (13%)	14,253 (10%)	139,363 (100%)
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%)
3 Year Average	36,375 (24%)	72,960 (48%)	27,642 (18%)	14,050 (9%)	151,028 (100%)

HRS TO ALL BY MODE

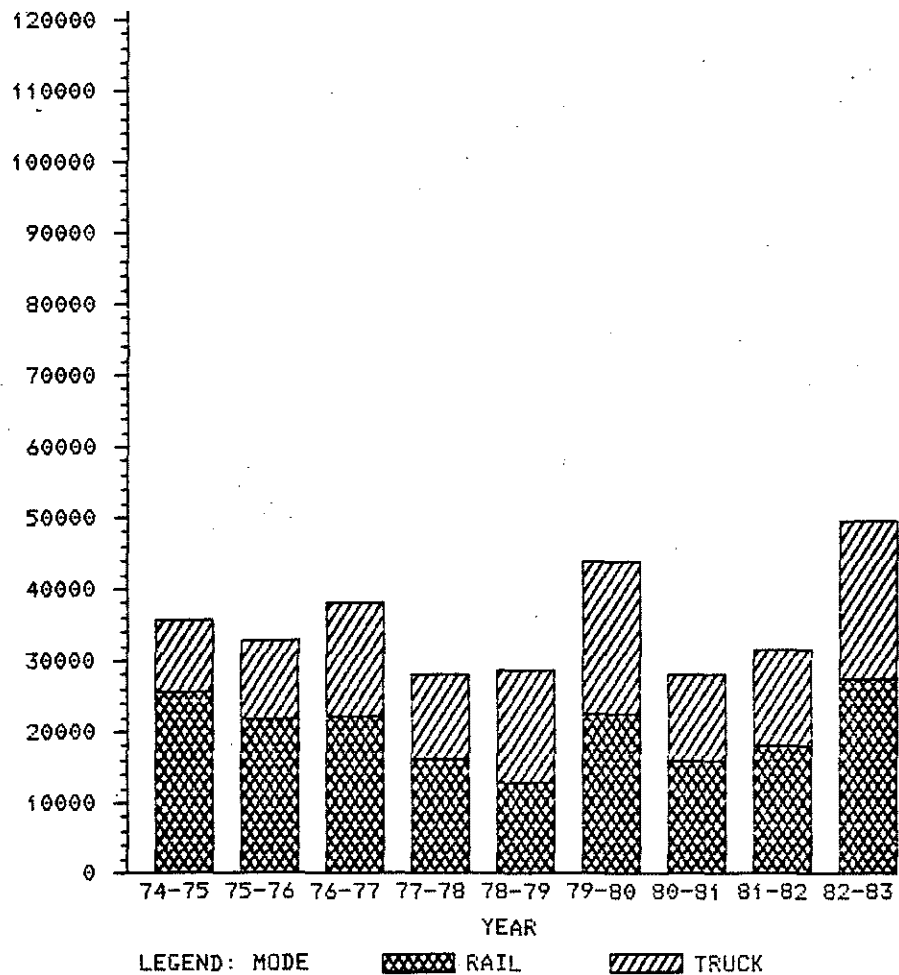
(thousand bu.)



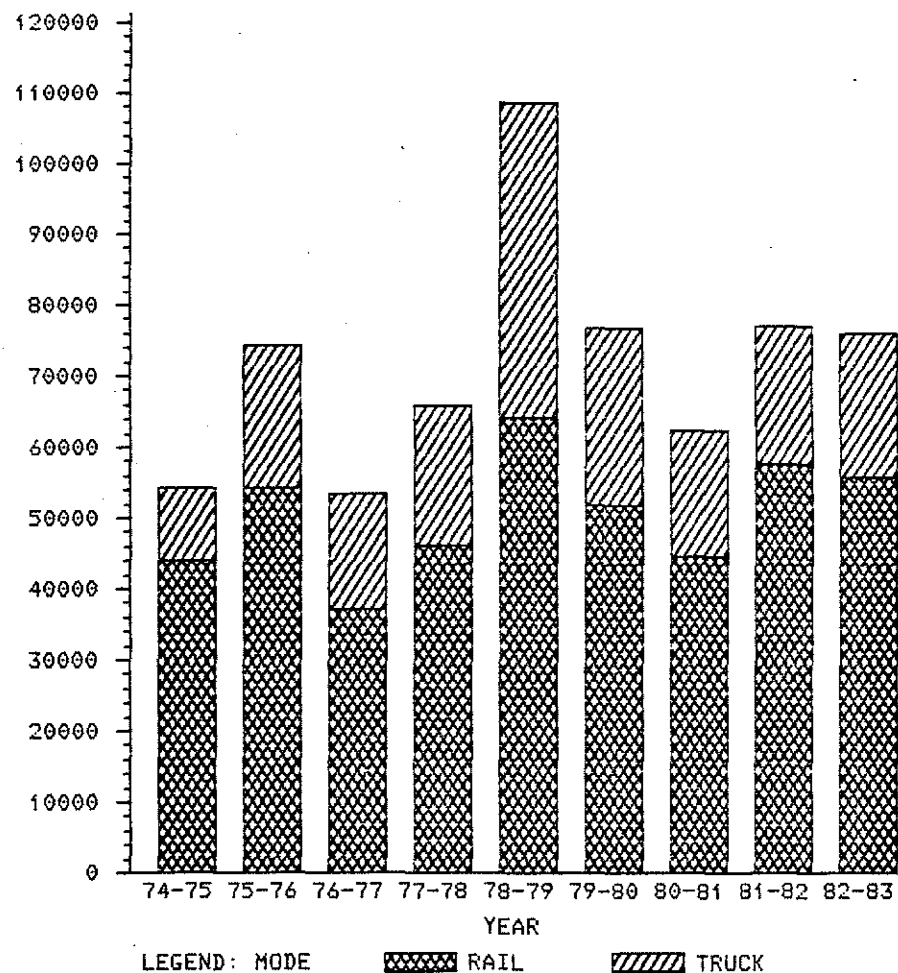
NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	(thousand bu.)									
1975-76	21,832 (66%)	11,023 (34%)	54,310 (73%)	20,157 (27%)	14,261 (80%)	3,527 (20%)	11,421 (80%)	2,832 (20%)	101,824 (73%)	37,539 (27%)
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%)
3 Year Average	20,478 (56%)	15,897 (43%)	53,708 (74%)	19,252 (26%)	17,175 (62%)	10,467 (38%)	9,726 (69%)	4,324 (31%)	101,087 (67%)	49,941 (33%)

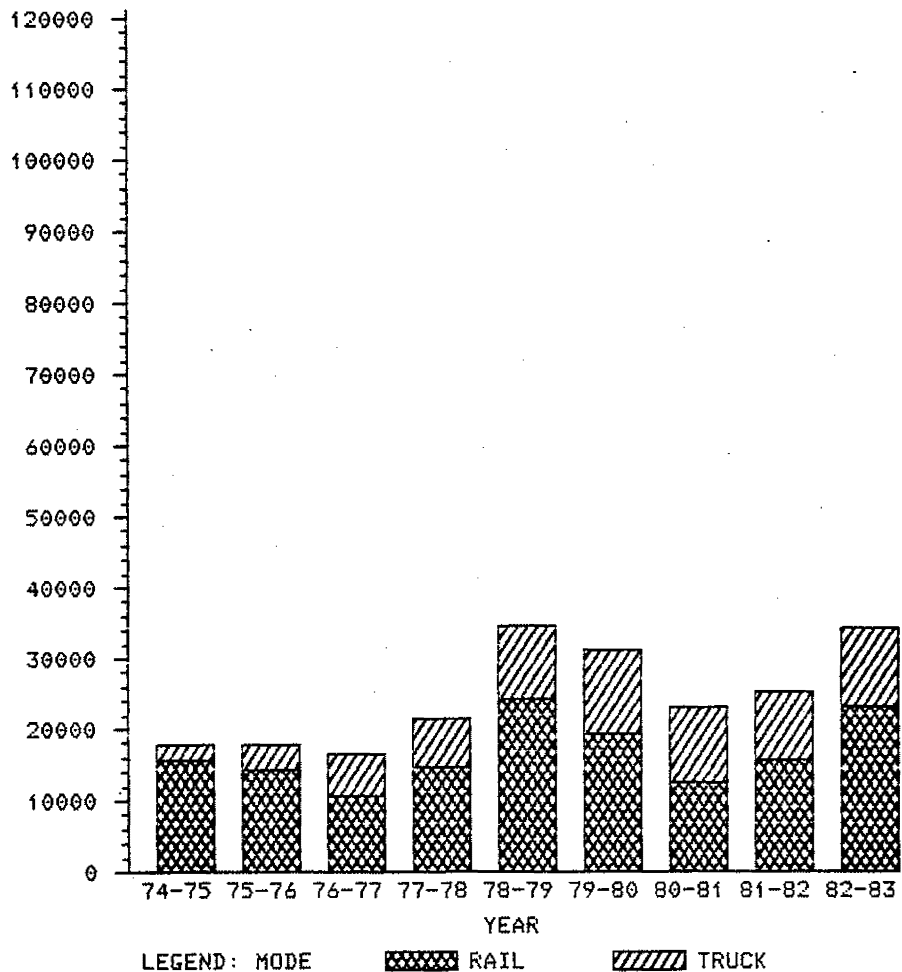
HRS TO MSP BY MODE
(thousand bu.)



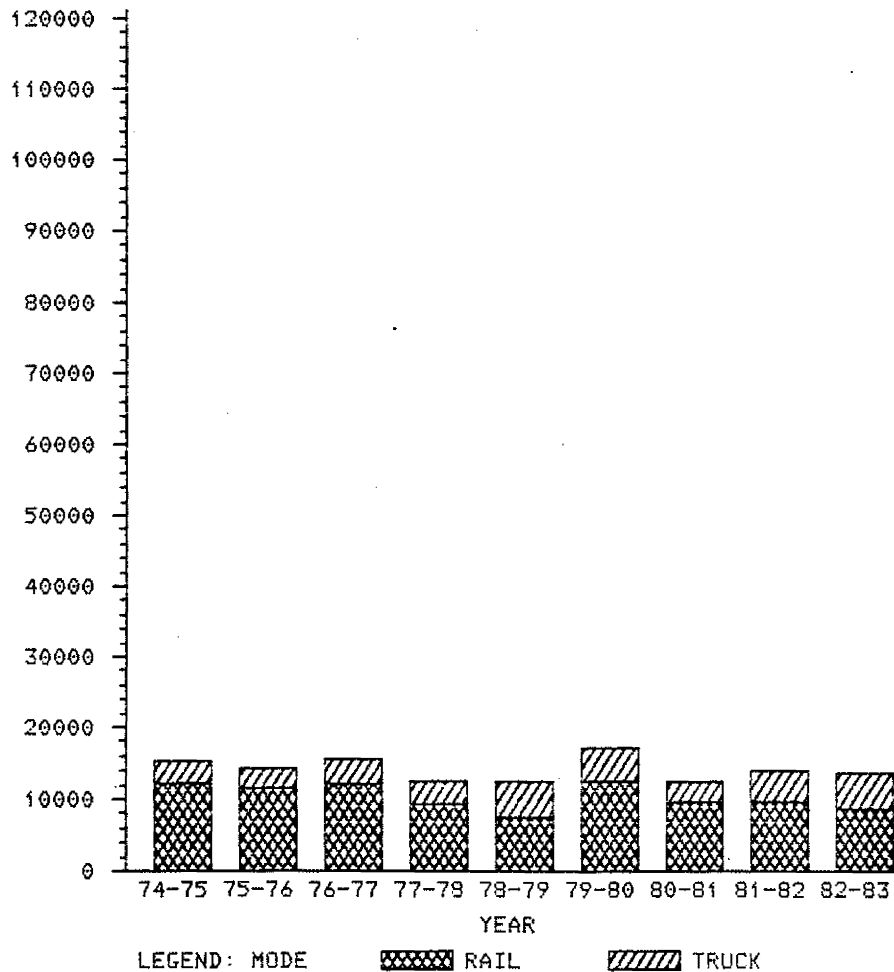
HRS TO DS BY MODE
(thousand bu.)



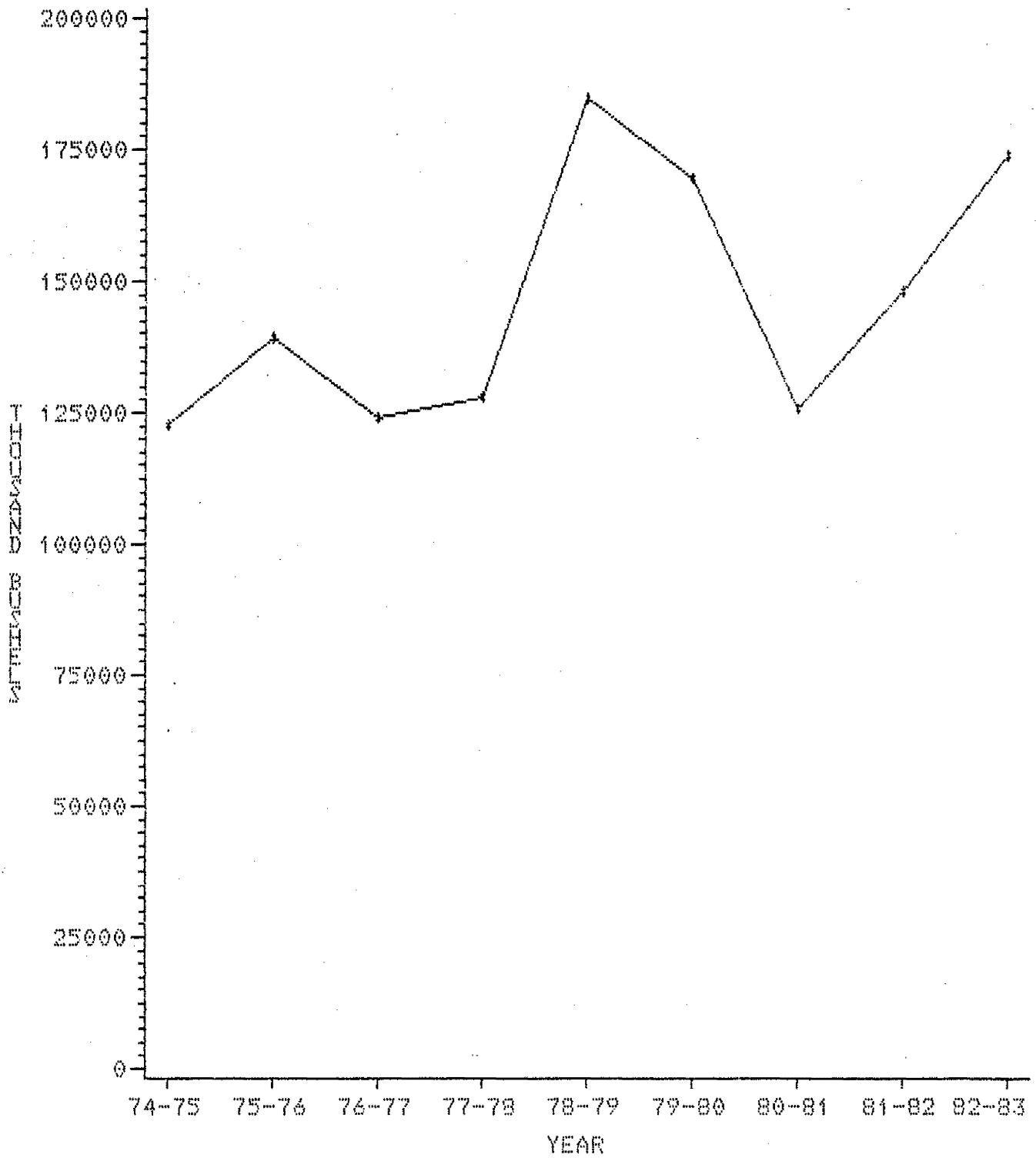
HRS TO PNW BY MODE
(thousand bu.)



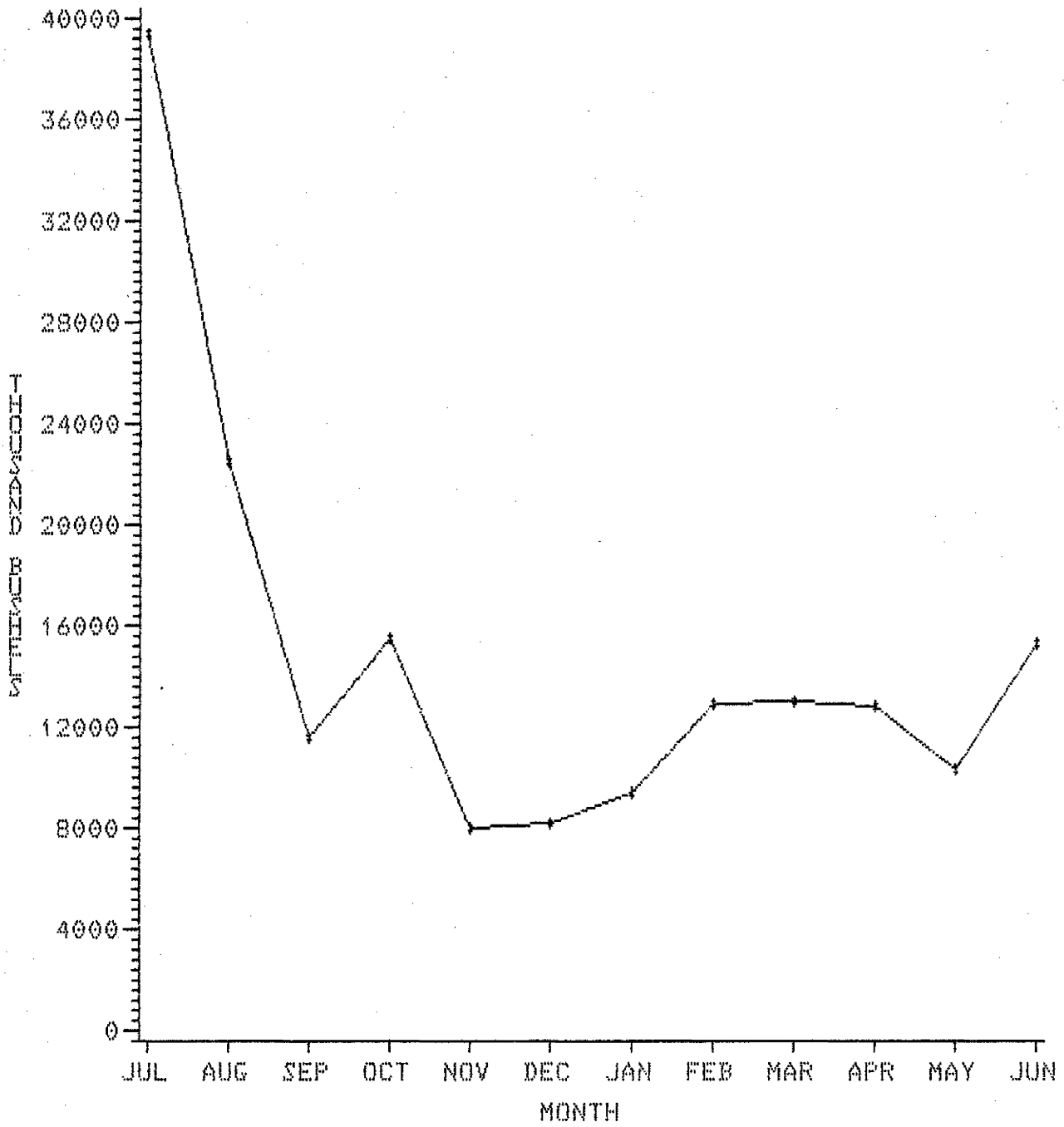
HRS TO MISC BY MODE
(thousand bu.)



HRS MOVEMENTS TO ALL DESTINATIONS 1974-75 TO 1982-83



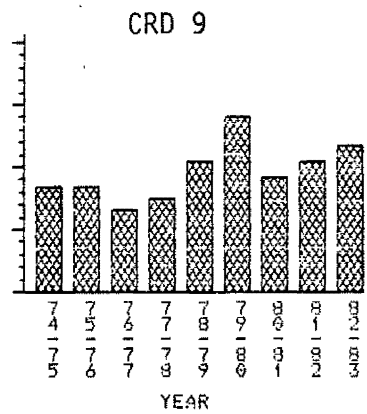
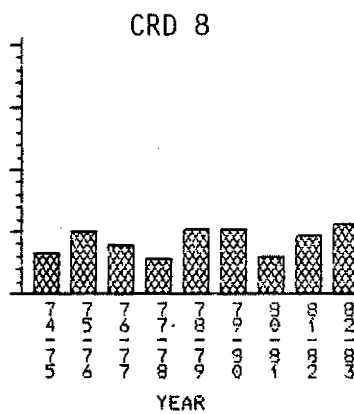
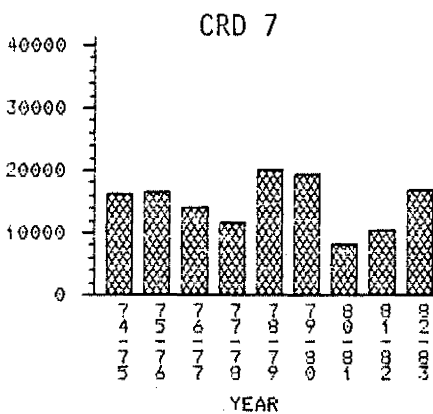
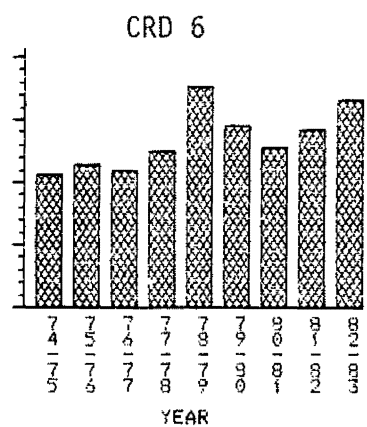
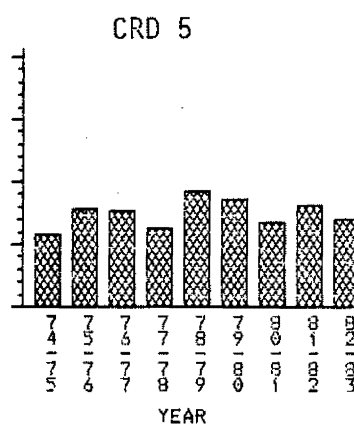
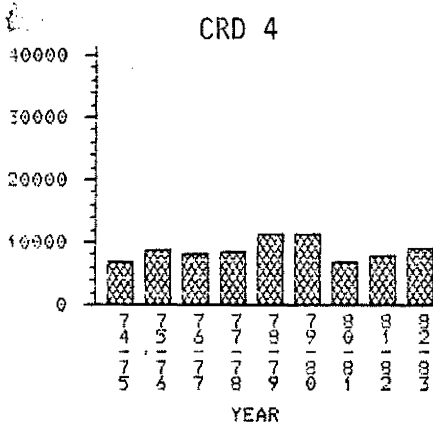
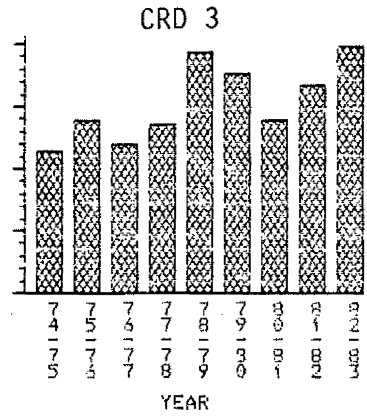
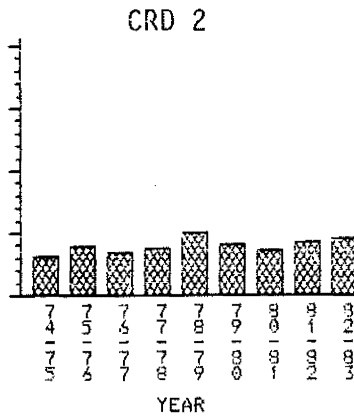
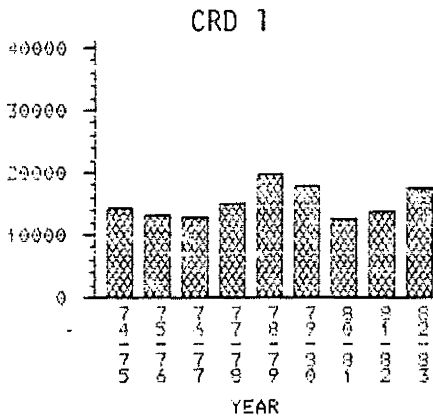
HRS MOVEMENTS BY MONTH, 1982-83



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.)									
1975-76	13,179	7,872	27,698	8,821	15,695	22,962	16,422	9,993	16,720	139,362
1976-77	12,657	6,807	24,053	8,209	15,253	22,000	14,182	7,782	13,033	123,976
1977-78	15,009	7,370	27,331	8,477	12,521	25,013	11,563	5,567	15,103	127,954
1978-79	19,640	10,028	38,757	11,116	18,546	35,425	20,117	10,317	20,977	184,823
1979-80	17,678	8,124	35,407	11,230	17,253	29,088	19,327	10,284	28,182	169,573
1980-81	12,552	7,182	27,836	6,793	13,584	25,503	8,241	5,832	18,593	126,116
1981-82	13,703	8,468	33,325	7,690	16,187	28,331	10,373	9,220	20,873	148,168
1982-83	20,007	9,074	39,668	9,217	15,149	33,061	17,568	11,457	23,599	178,800
3 Year Average	15,421	8,241	33,610	7,900	14,973	28,965	12,061	8,836	21,022	151,028

HARD RED SPRING SHIPMENTS BY CRD
(thousand bu.)



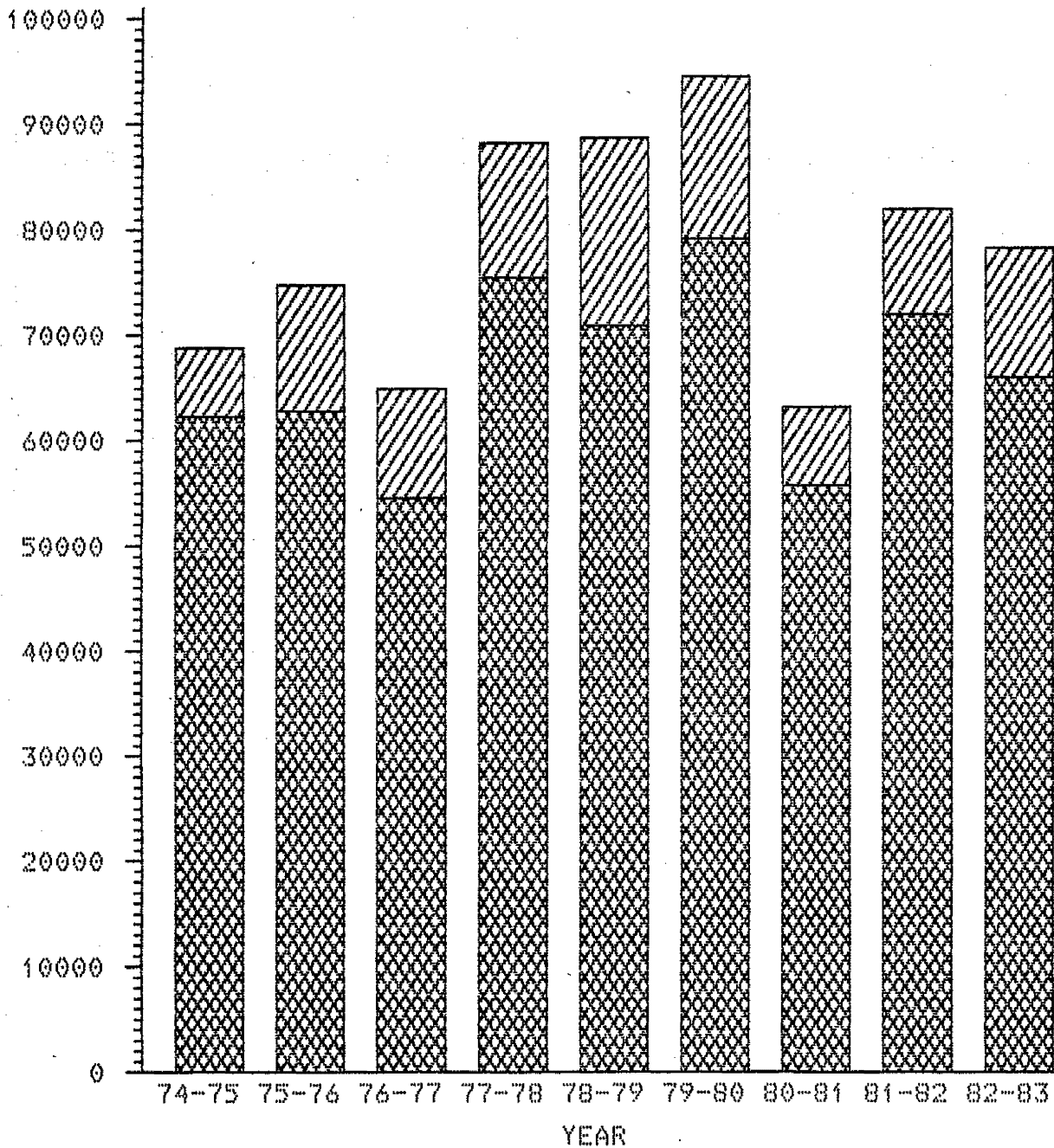


NORTH DAKOTA DURUM SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	14,905 (20%)	51,553 (69%)	434 (1%)	7,925 (11%)	74,817 (100%)
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 (.9%)	13,567 (17%)	79,132 (100%)
3 Year Average	18,941 (25%)	43,521 (58%)	613 (1%)	11,659 (16%)	74,735 (100%)

DUR TO TOT BY MODE

(thousand bu.)

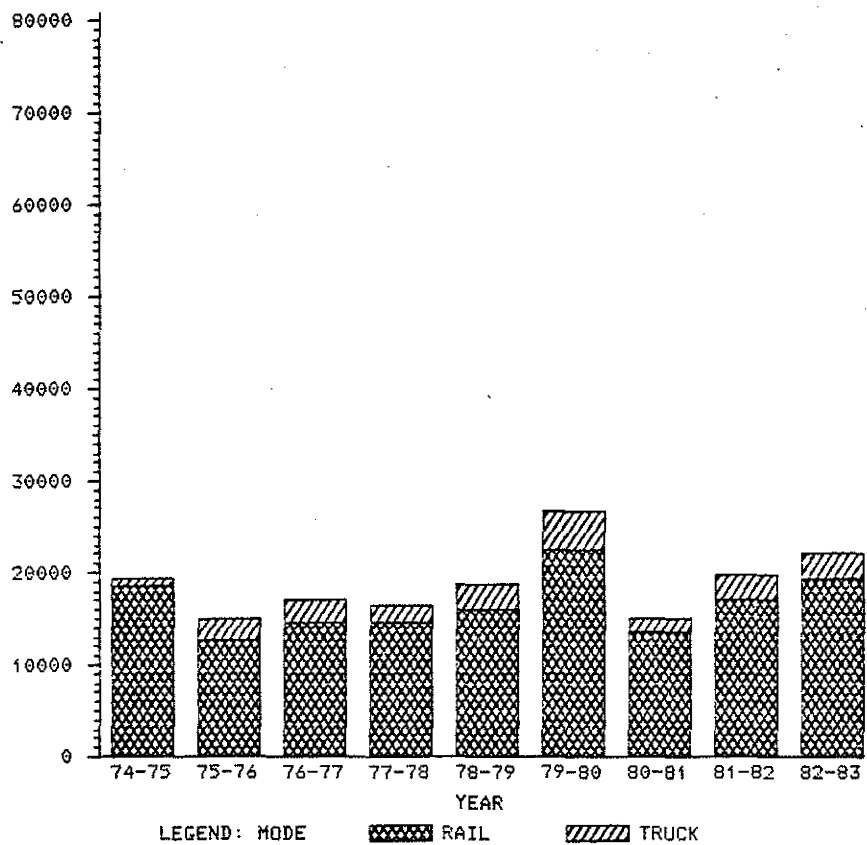


LEGEND: MODE  RAIL  TRUCK

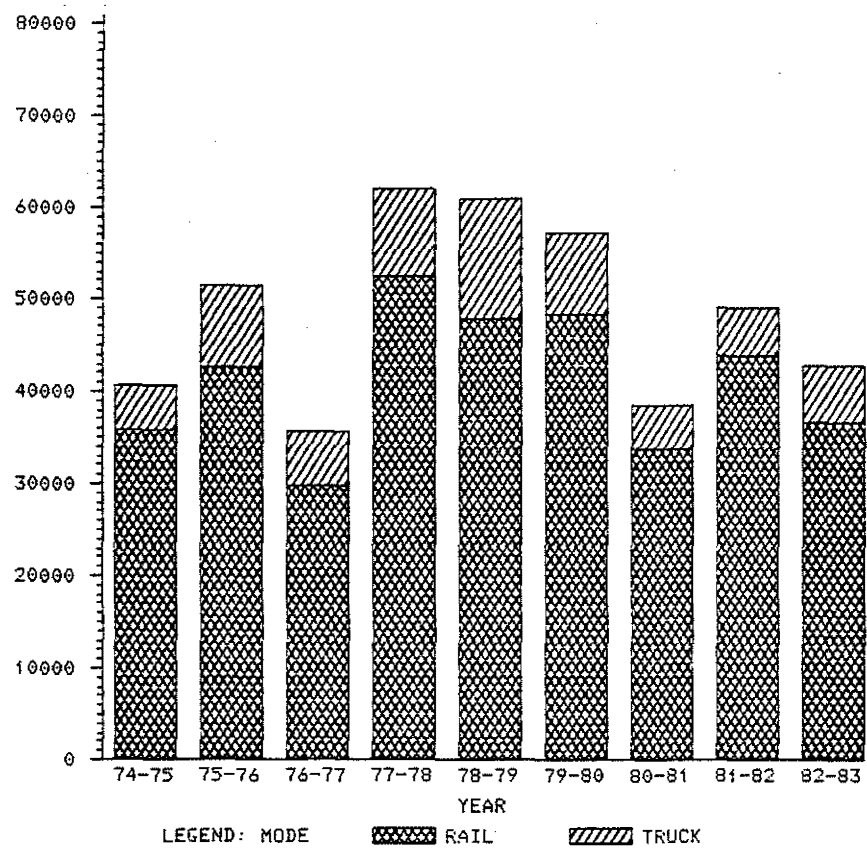
NORTH DAKOTA DURUM SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	(thousand bu.)									
1975-76	12,790 (86%)	2,115 (14%)	42,620 (83%)	8,933 (17%)	263 (61%)	171 (39%)	7,184 (91%)	741 (9%)	62,857 (84%)	11,960 (16%)
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%)
3 Year Average	16,692 (88%)	2,249 (12%)	38,165 (88%)	5,357 (12%)	446 (73%)	167 (27%)	9,510 (82%)	2,149 (18%)	64,828 (87%)	9,922 (13%)

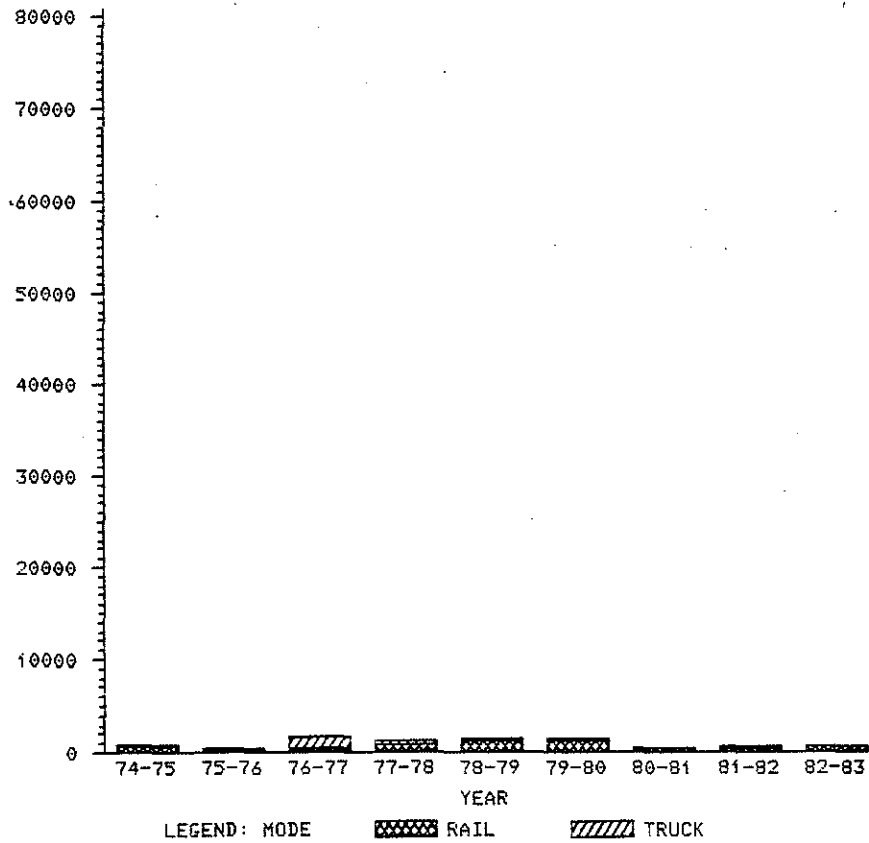
DUR TO MSP BY MODE
(thousand bu.)



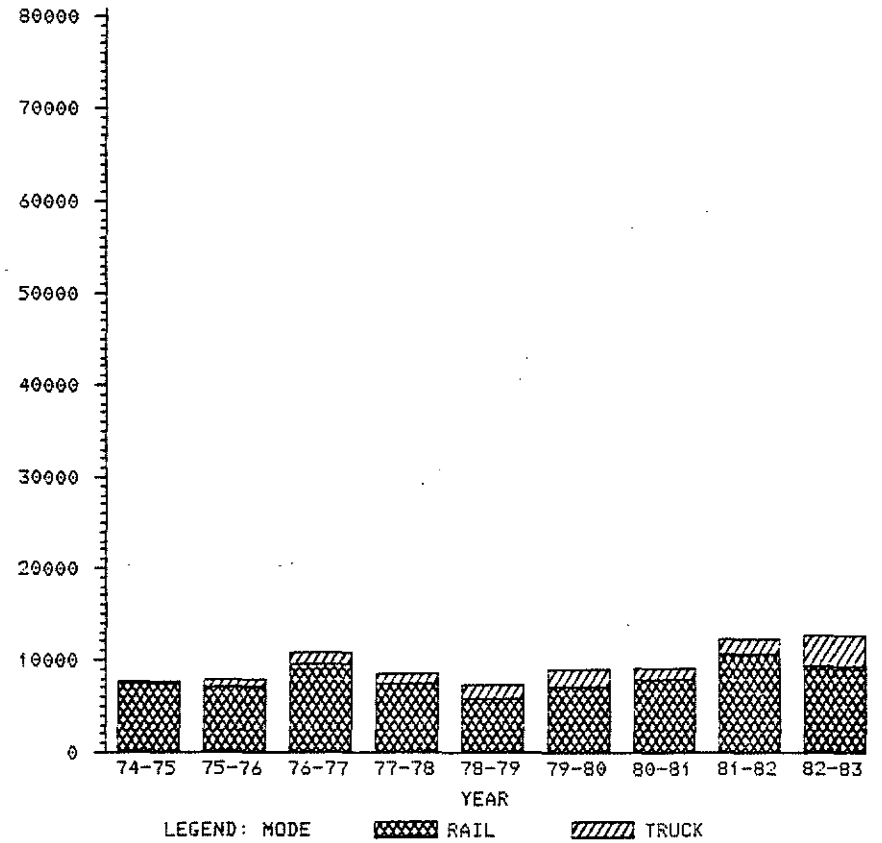
DUR TO DS BY MODE
(thousand bu.)



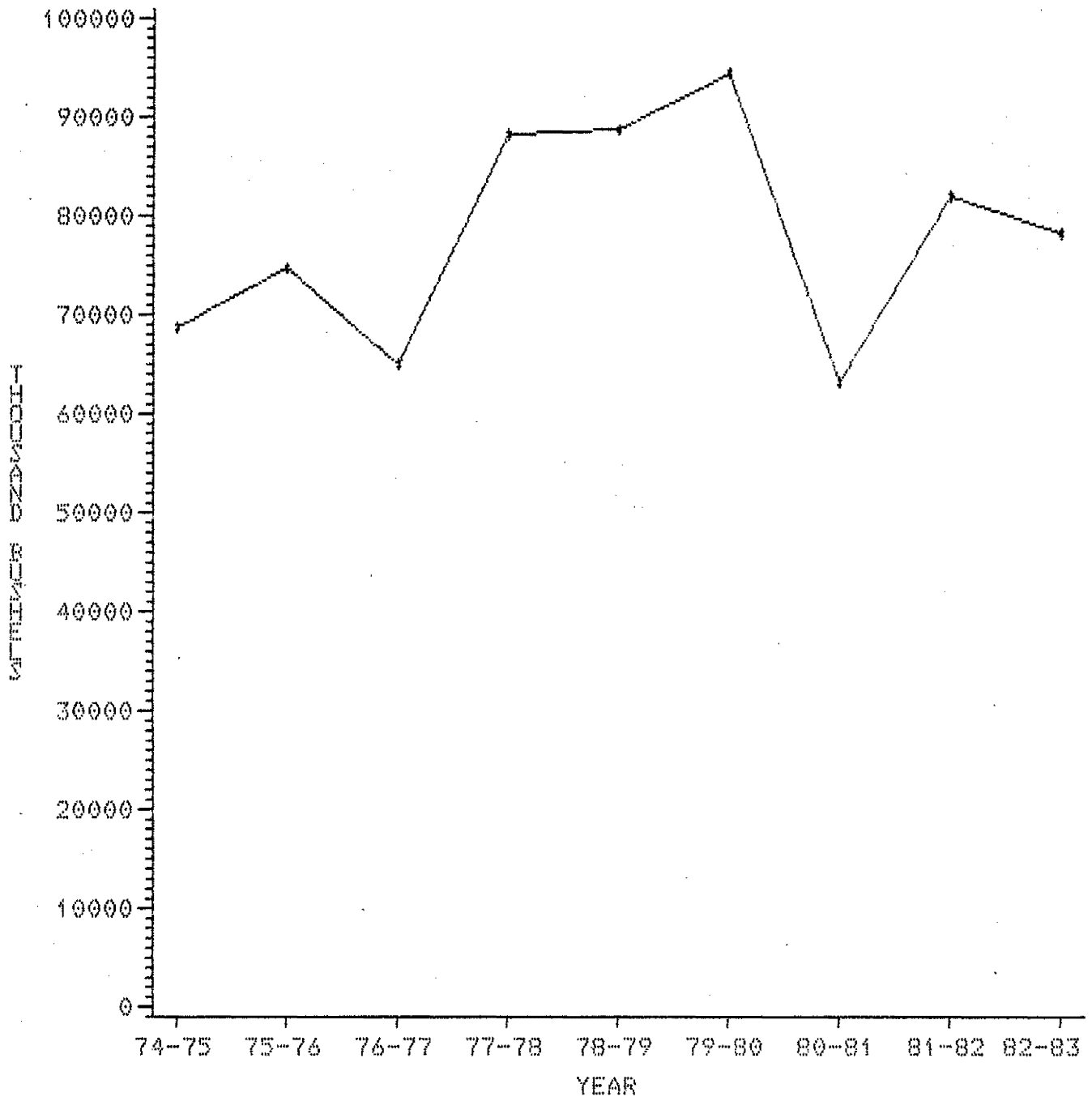
DUR TO PNW BY MODE
(thousand bu.)



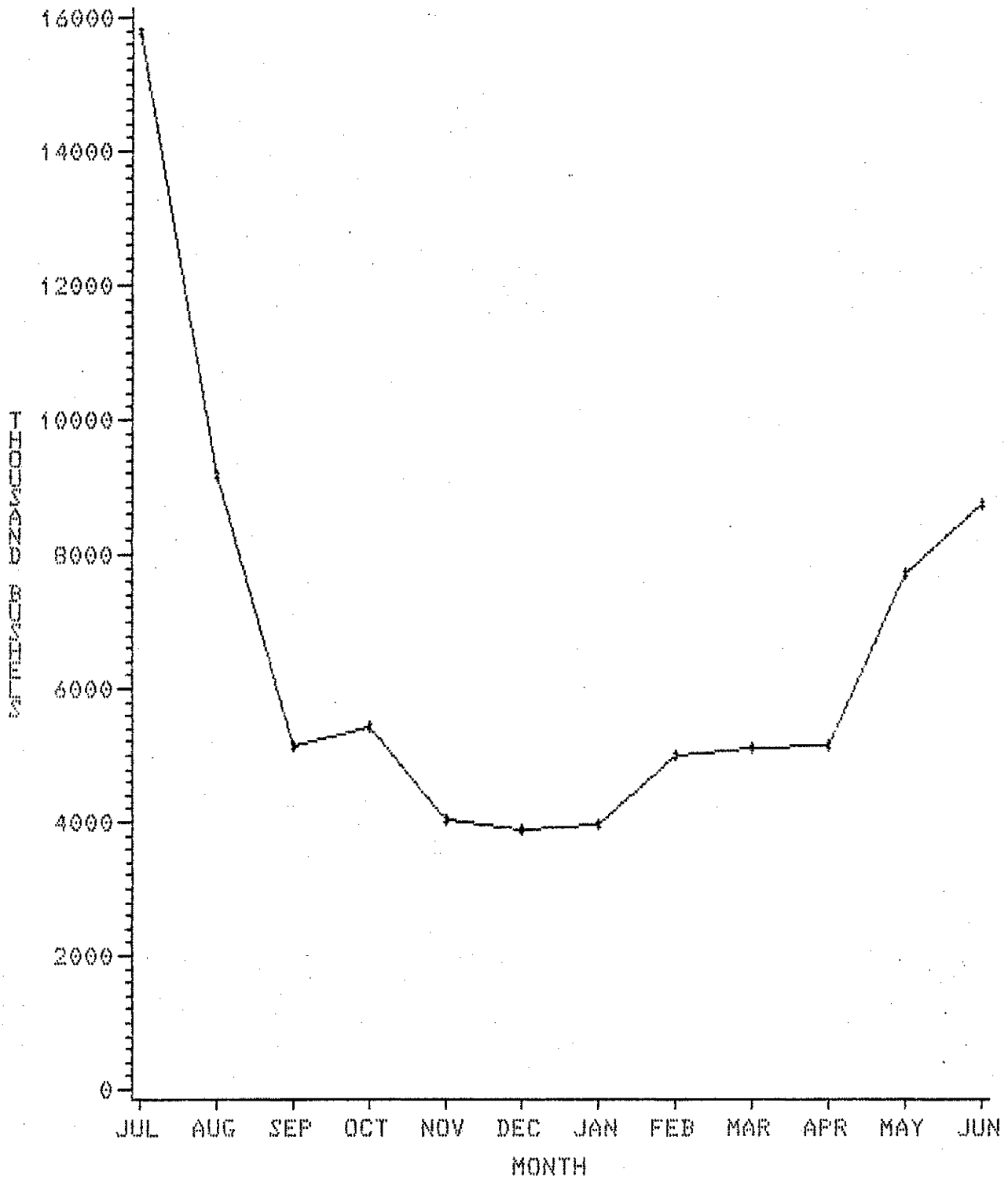
DUR TO MISC BY MODE
(thousand bu.)



DURUM MOVEMENTS, ALL DEST, 1974-75 TO 1982-83



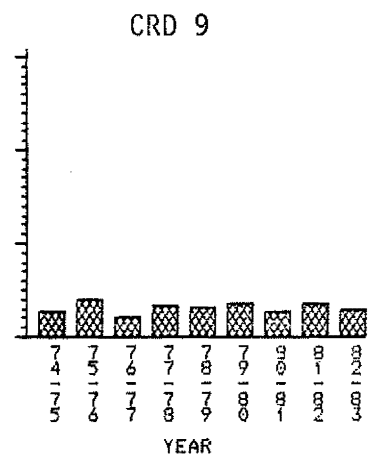
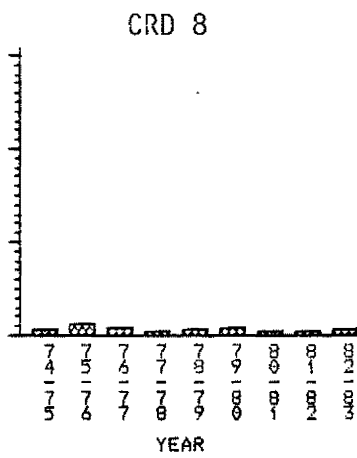
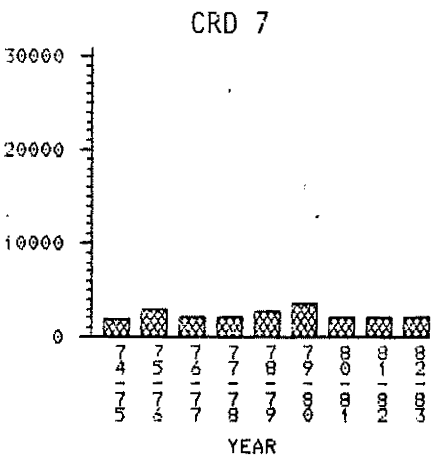
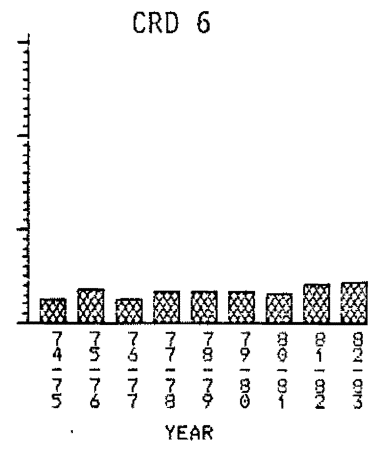
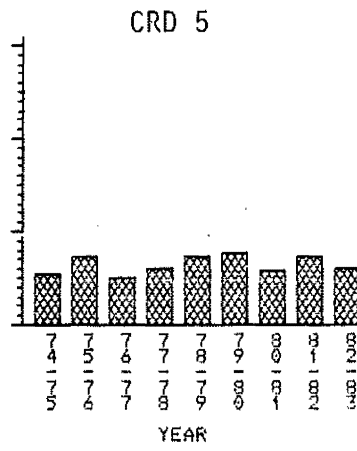
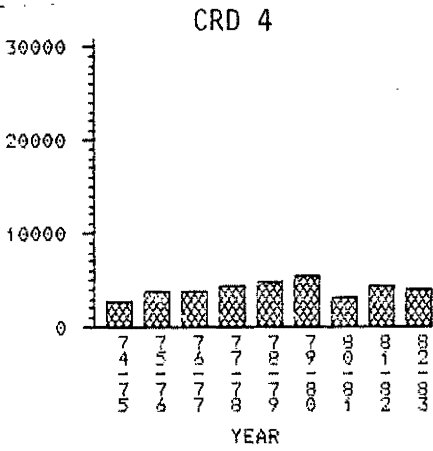
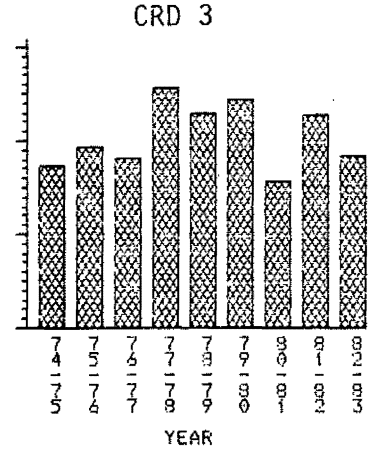
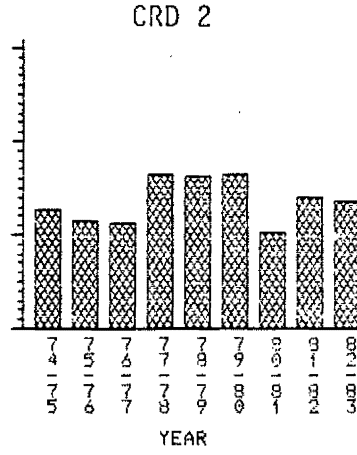
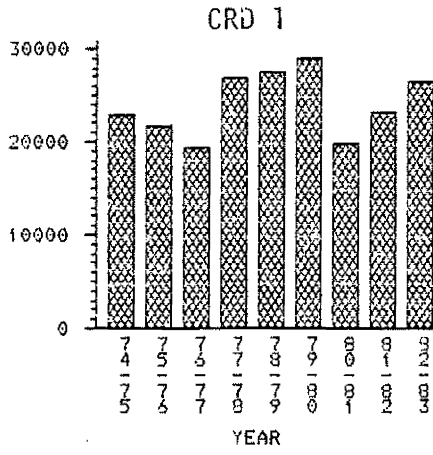
DURUM MOVEMENTS BY MONTH, 1982-83



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.)									
1975-76	21,573	11,404	19,272	3,696	7,270	3,558	2,844	1,331	3,870	74,818
1976-77	19,420	11,279	18,168	3,728	4,960	2,573	2,013	760	2,123	65,024
1977-78	26,813	16,378	25,707	4,449	5,945	3,269	2,071	469	3,266	88,367
1978-79	27,496	16,256	22,902	4,808	7,269	3,251	2,755	728	3,197	88,662
1979-80	29,060	16,472	24,453	5,512	7,670	3,432	3,619	800	3,565	94,583
1980-81	19,774	10,223	15,644	3,129	5,817	3,150	2,177	503	2,774	63,191
1981-82	23,105	13,973	22,807	4,467	7,272	4,238	2,045	448	3,525	81,881
1982-83	26,387	13,835	18,509	3,906	6,237	4,446	2,268	616	2,929	79,132
3 Year Average	23,079	12,677	18,987	3,834	6,442	3,945	2,163	522	3,076	74,735

DURUM SHIPMENTS BY CRD
(thousand bu.)



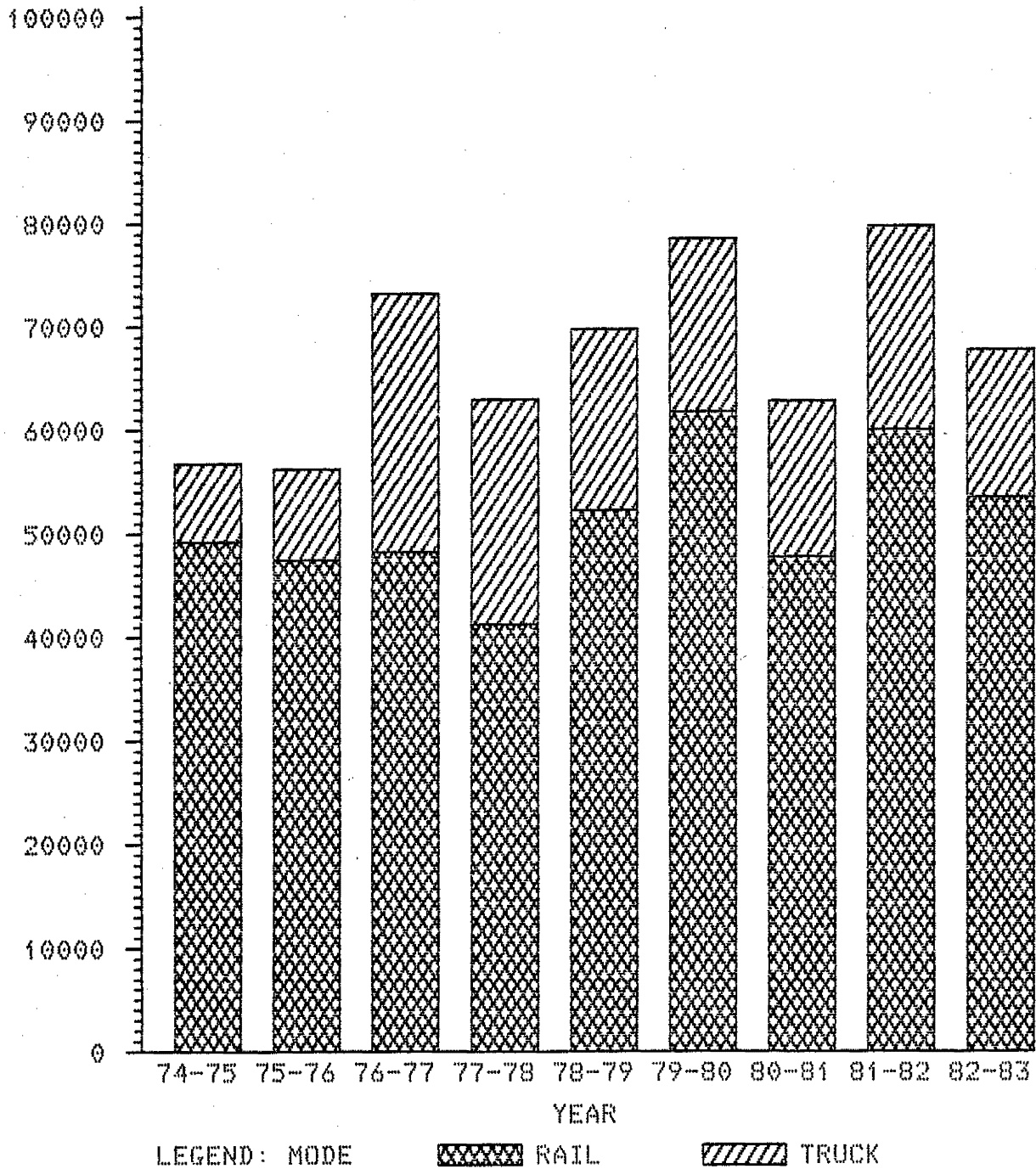


NORTH DAKOTA BARLEY SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	SOUTHEAST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	38,710 (69%)	12,346 (22%)	1,633 (3%)	3,658 (6%)	56,354 (100%)
1976-77	39,728 (54%)	26,672 (36%)	1,120 (2%)	5,786 (8%)	73,314 (100%)
1977-78	25,006 (40%)	22,394 (35%)	5,606 (9%)	10,110 (16%)	63,115 (100%)
1978-79	27,092 (39%)	12,786 (18%)	10,795 (16%)	18,974 (27%)	69,648 (100%)
1979-80	29,169 (37%)	22,643 (29%)	8,221 (10%)	18,697 (24%)	78,730 (100%)
1980-81	20,034 (32%)	14,214 (23%)	8,257 (13%)	20,167 (32%)	62,672 (100%)
1981-82	19,942 (25%)	31,671 (40%)	6,121 (8%)	22,067 (25%)	79,801 (100%)
1982-83	20,857 (30%)	12,544 (18%)	9,024 (13%)	27,681 (39%)	70,106 (100%)
3 Year Average	20,278 (29%)	19,476 (27%)	7,801 (11%)	23,305 (33%)	70,860 (100%)

BAR TO TOT BY MODE

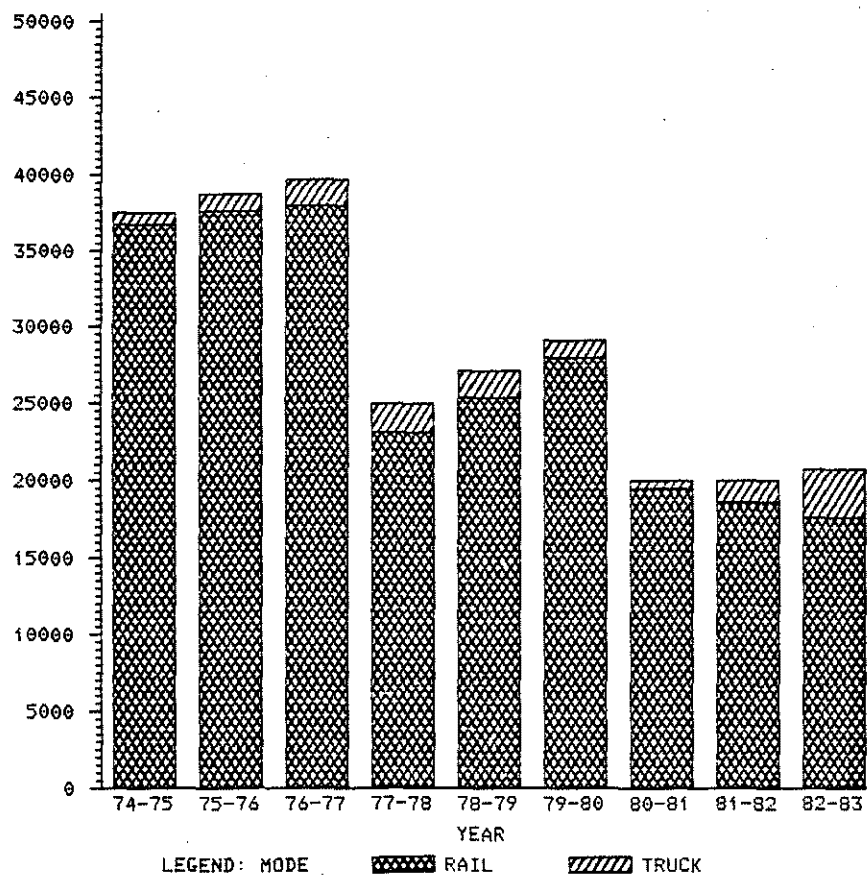
(thousand bu.)



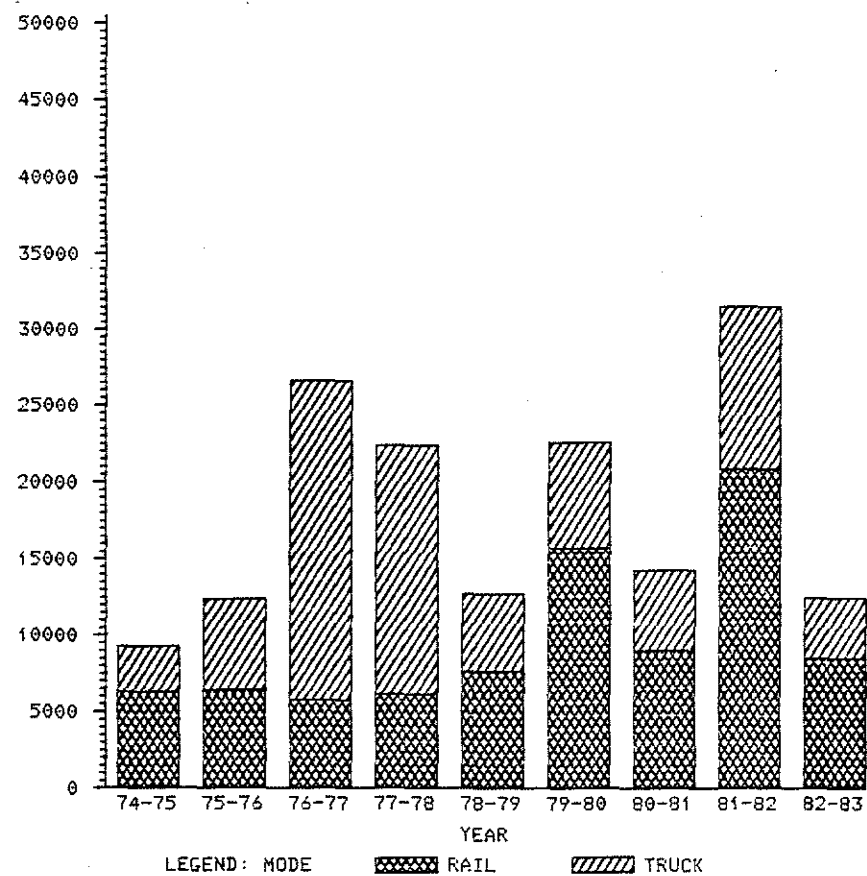
NORTH DAKOTA BARLEY SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		SOUTHEAST		MISC. MARKETS		TOTAL:	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.0)										
1975-76	37,566 (97%)	1,144 (3%)	6,331 (51%)	6,015 (49%)	1,616 (99%)	23 (1%)	1,921 (53%)	1,737 (47%)	47,436 (84%)	8,918 (16%)
1976-77	37,974 (96%)	1,753 (4%)	5,792 (22%)	20,880 (78%)	1,048 (93%)	79 (7%)	3,354 (58%)	2,432 (42%)	48,169 (66%)	25,144 (34%)
1977-78	23,111 (92%)	1,895 (8%)	6,145 (27%)	16,249 (73%)	5,577 (99%)	29 (1%)	6,330 (63%)	3,780 (37%)	41,162 (65%)	21,953 (35%)
1978-79	25,414 (94%)	1,678 (6%)	7,578 (59%)	5,210 (41%)	10,642 (99%)	153 (1%)	10,283 (54%)	8,691 (46%)	52,325 (75%)	17,325 (25%)
1979-80	27,963 (96%)	1,206 (4%)	15,697 (69%)	6,945 (31%)	7,978 (97%)	244 (3%)	10,161 (54%)	8,536 (46%)	61,689 (79%)	16,931 (21%)
1980-81	19,535 (98%)	499 (2%)	9,025 (63%)	5,189 (37%)	8,194 (99%)	63 (1%)	11,031 (55%)	9,136 (45%)	47,785 (76%)	14,887 (24%)
1981-82	18,619 (93%)	1,323 (7%)	20,889 (66%)	10,782 (34%)	6,067 (99%)	54 (1%)	14,368 (65%)	7,699 (35%)	59,943 (75%)	19,858 (25%)
1982-83	17,680 (85%)	3,176 (15%)	8,484 (68%)	4,060 (32%)	8,930 (99%)	94 (1%)	20,243 (73%)	7,438 (27%)	55,337 (79%)	14,768 (21%)
3 Year Average	18,611 (92%)	1,166 (8%)	12,799 (66%)	6,677 (34%)	7,730 (99%)	70 (1%)	15,214 (65%)	8,091 (35%)	54,355 (77%)	16,504 (23%)

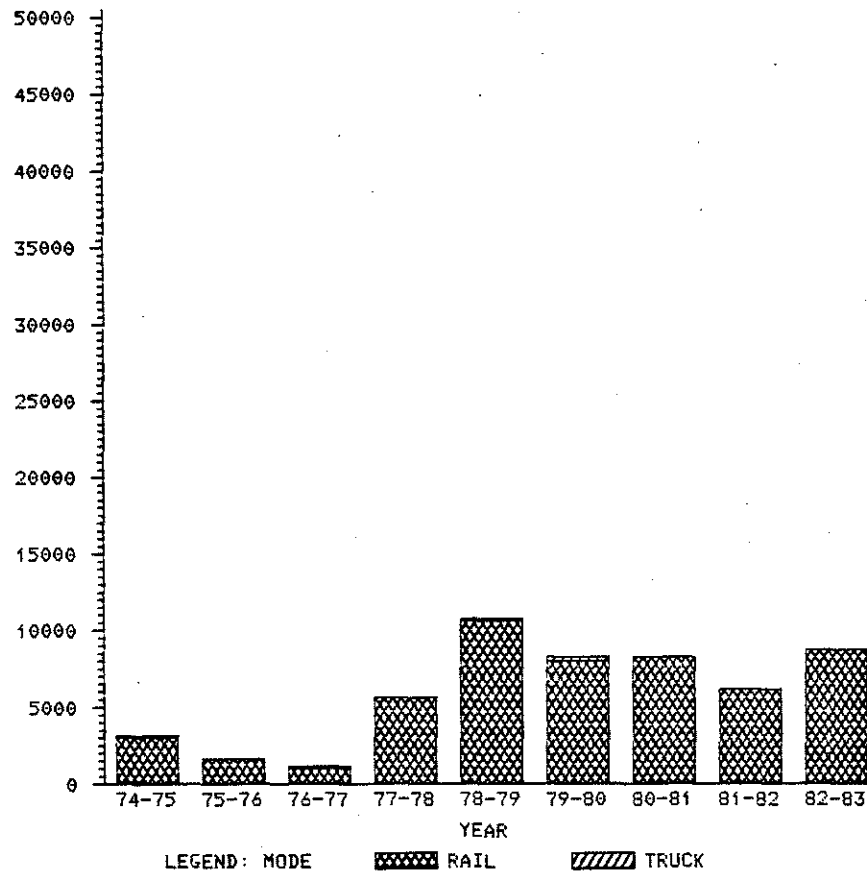
BAR TO MSP BY MODE
(thousand bu.)



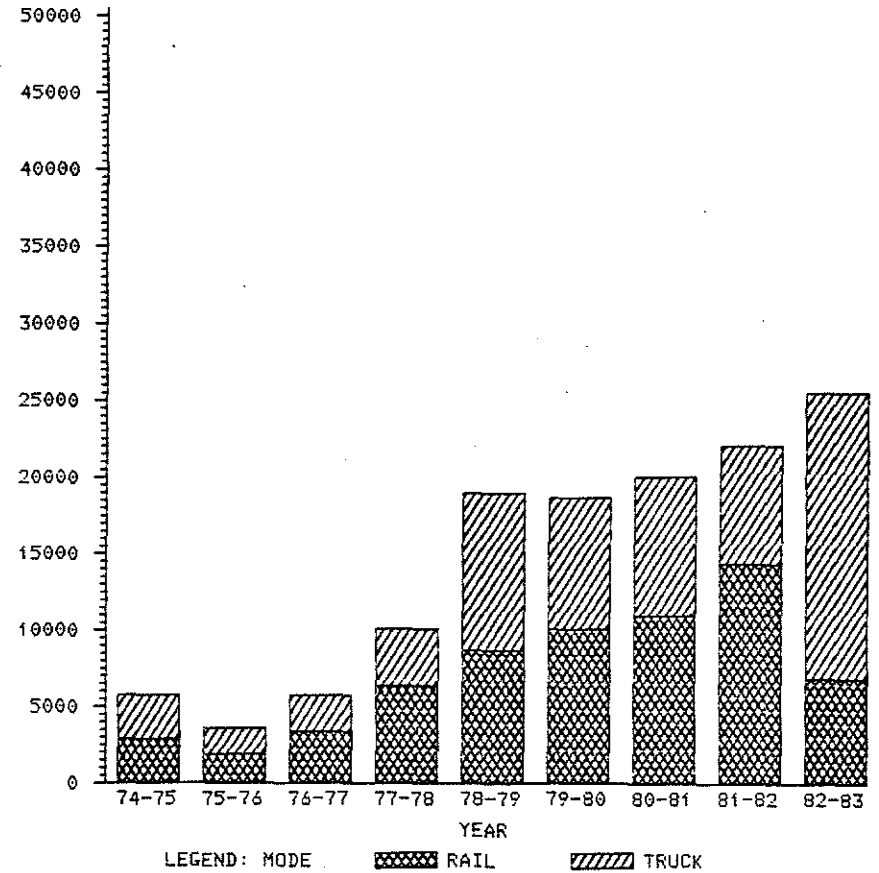
BAR TO DS BY MODE
(thousand bu.)



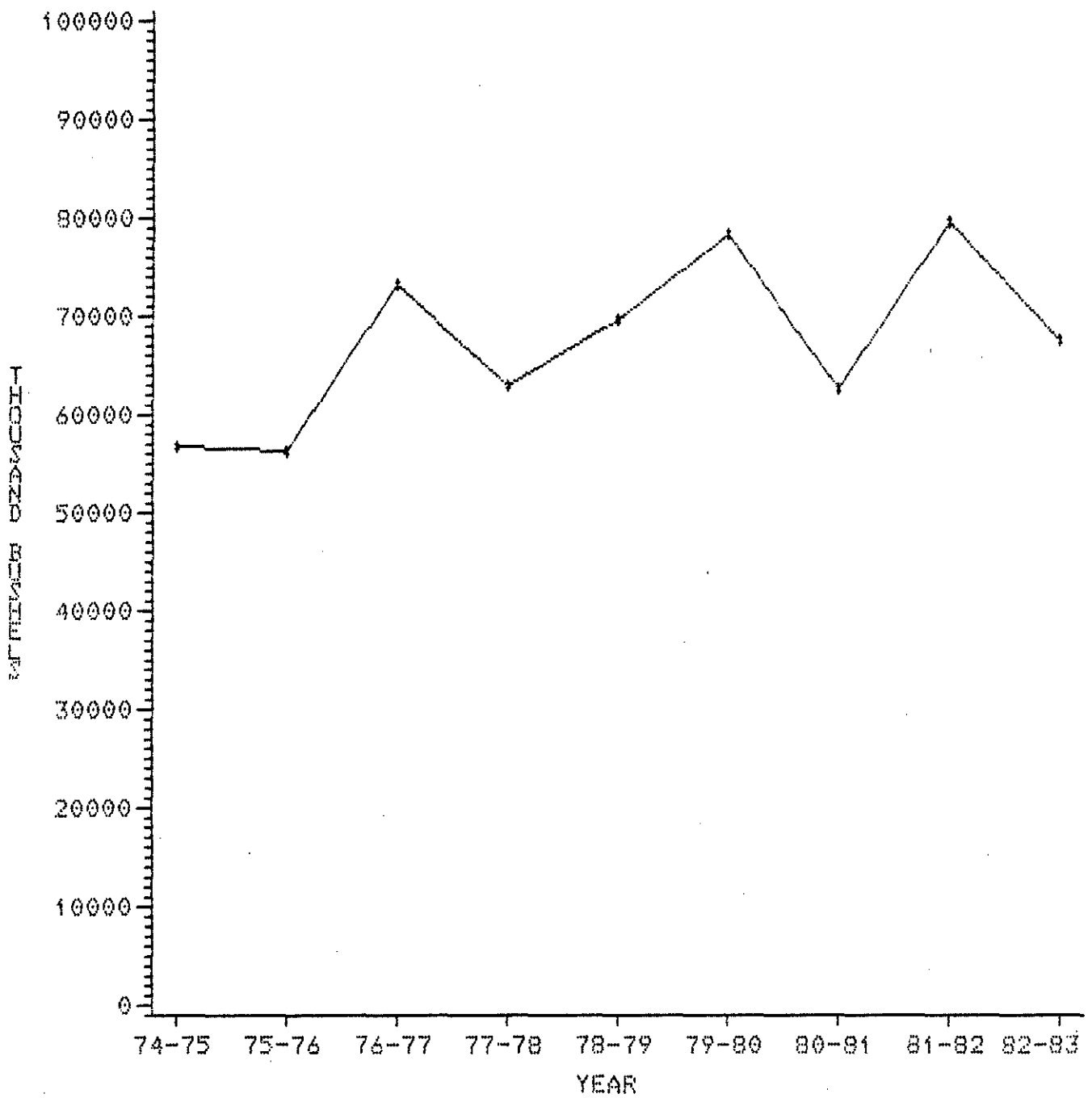
BAR TO SE BY MODE
(thousand bu.)



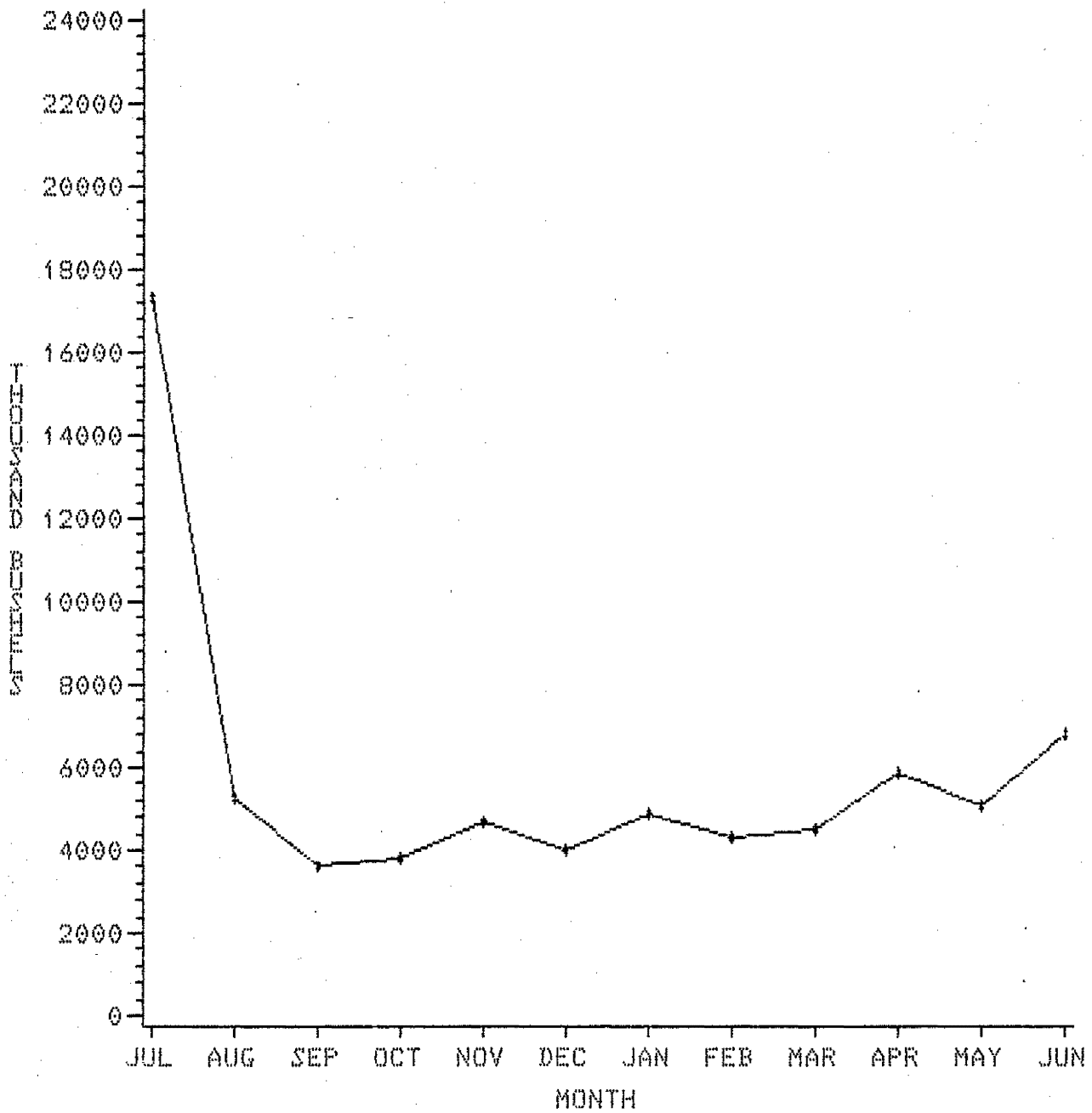
BAR TO MISC BY MODE
(thousand bu.)



BARLEY MOVEMENTS, ALL DEST, 1974-75 TO 1982-83



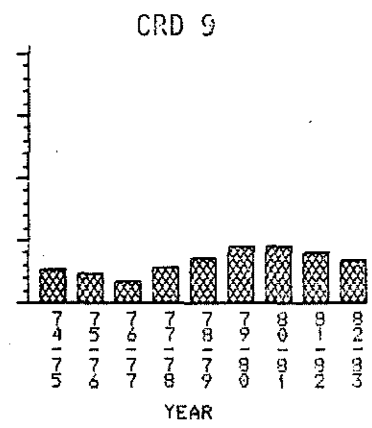
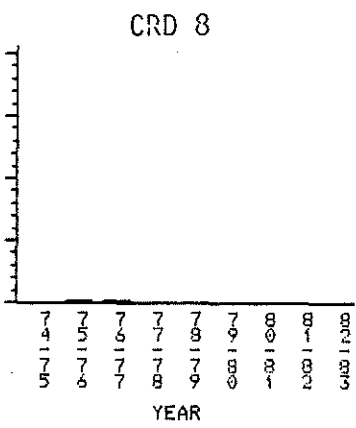
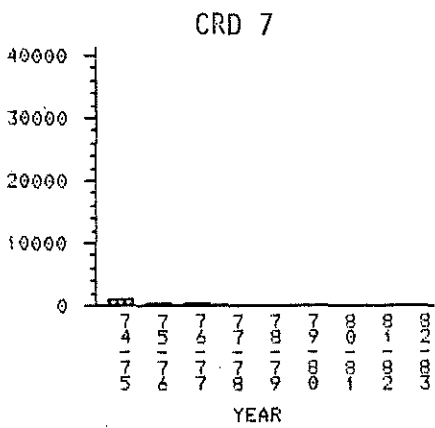
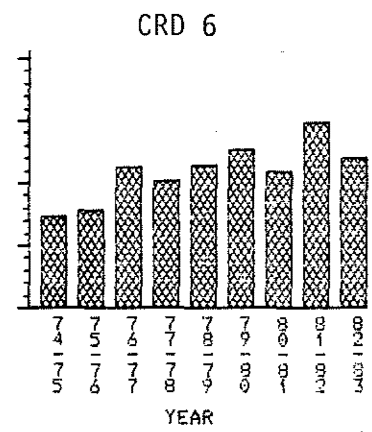
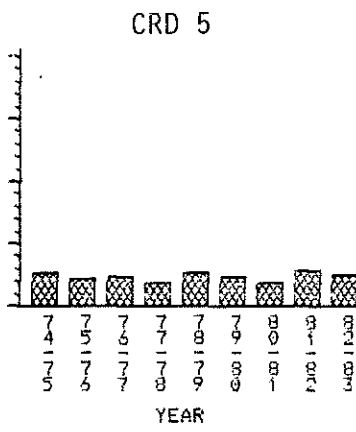
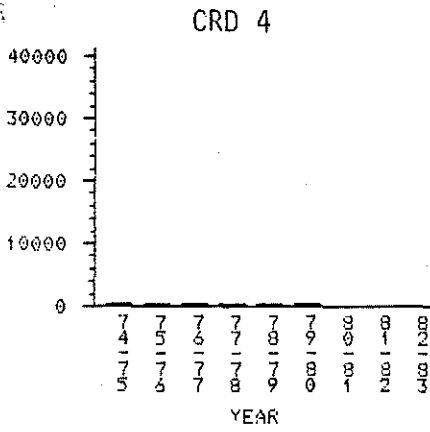
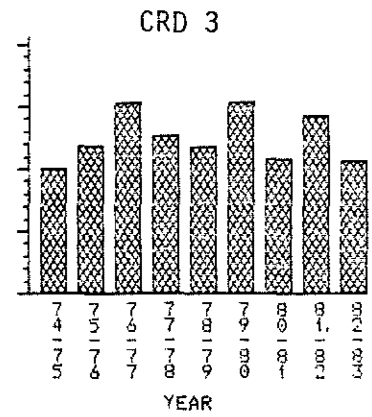
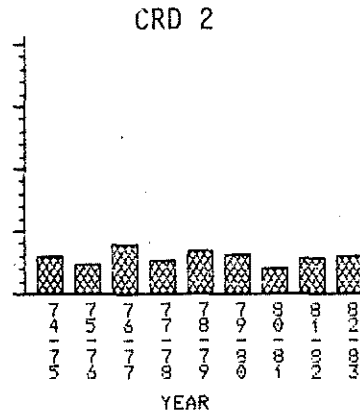
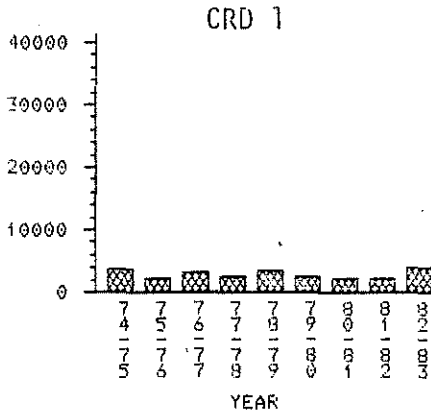
BARLEY MOVEMENTS BY MONTH, 1982-83



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.)									
1975-76	2,183	4,621	23,698	339	4,439	15,619	386	342	4,728	56,355
1976-77	3,229	7,761	30,727	345	4,773	22,440	300	237	3,501	73,313
1977-78	2,502	5,220	25,417	175	3,682	20,258	94	20	5,747	63,115
1978-79	3,515	6,930	23,449	164	5,423	22,739	120	122	7,185	69,647
1979-80	2,355	6,267	30,625	214	4,697	25,247	130	106	8,980	78,621
1980-81	2,162	4,217	21,561	56	3,782	21,812	13	21	9,049	62,673
1981-82	2,175	5,571	28,506	89	5,504	29,773	12	63	8,108	79,801
1982-83	4,304	6,458	21,380	139	5,028	24,481	57	113	8,146	70,105
3 Year Average	2,880	5,415	23,816	95	4,771	25,355	27	66	8,434	70,860

BARLEY SHIPMENTS BY CRD
(thousand bu.)

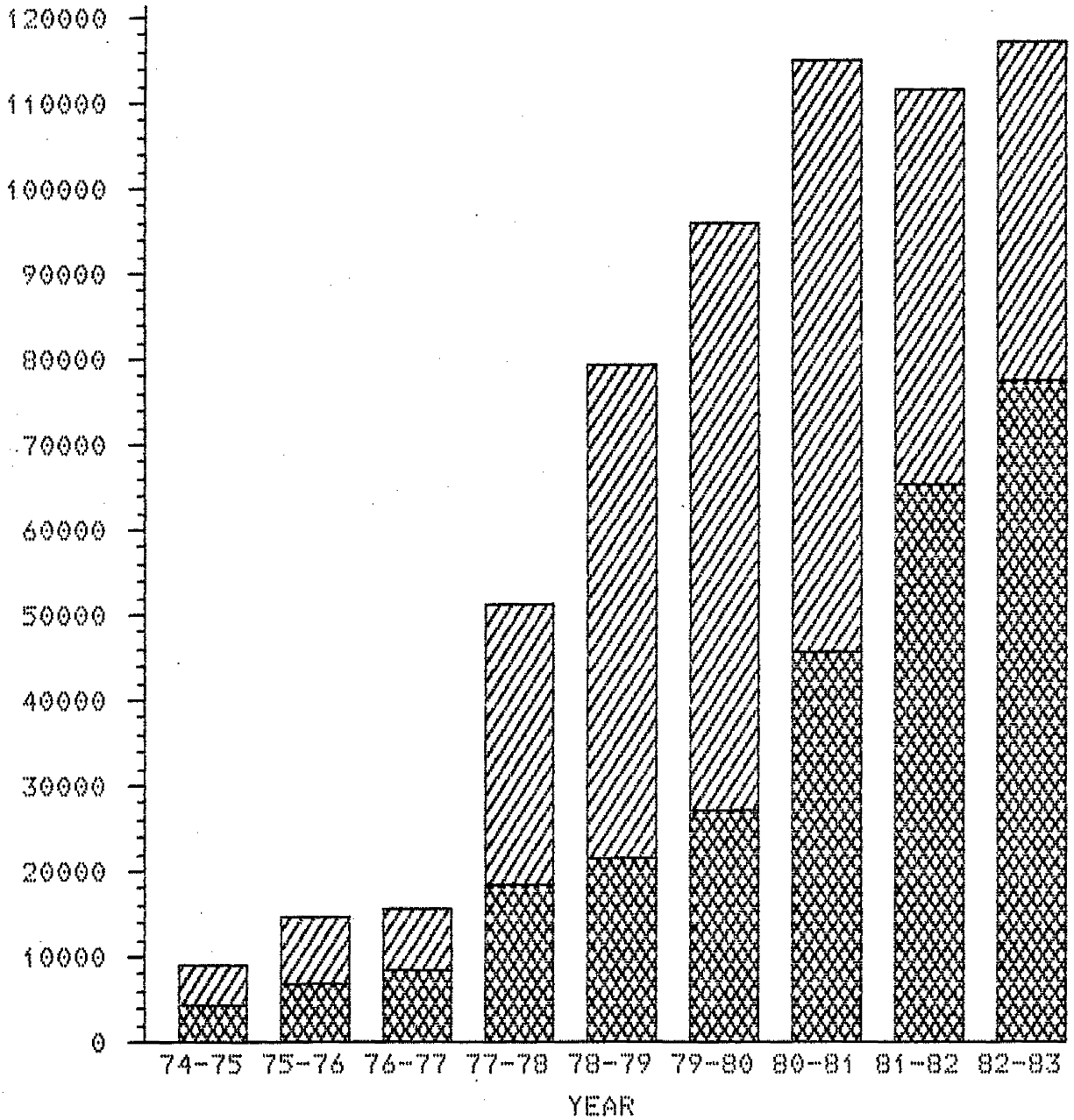


NORTH DAKOTA SUNFLOWER SEED SHIPMENTS BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	OTHER MINN.	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	1,158 (8%)	8,083 (56%)	1,147 (8%)	4,166 (27%)	14,554 (100%)
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%)	95,740 (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%)
3 Year Average	10,402 (9%)	67,506 (58%)	7,053 (6%)	31,075 (27%)	116,035 (100%)

SUN TO TOT BY MODE

(thousand bu.)

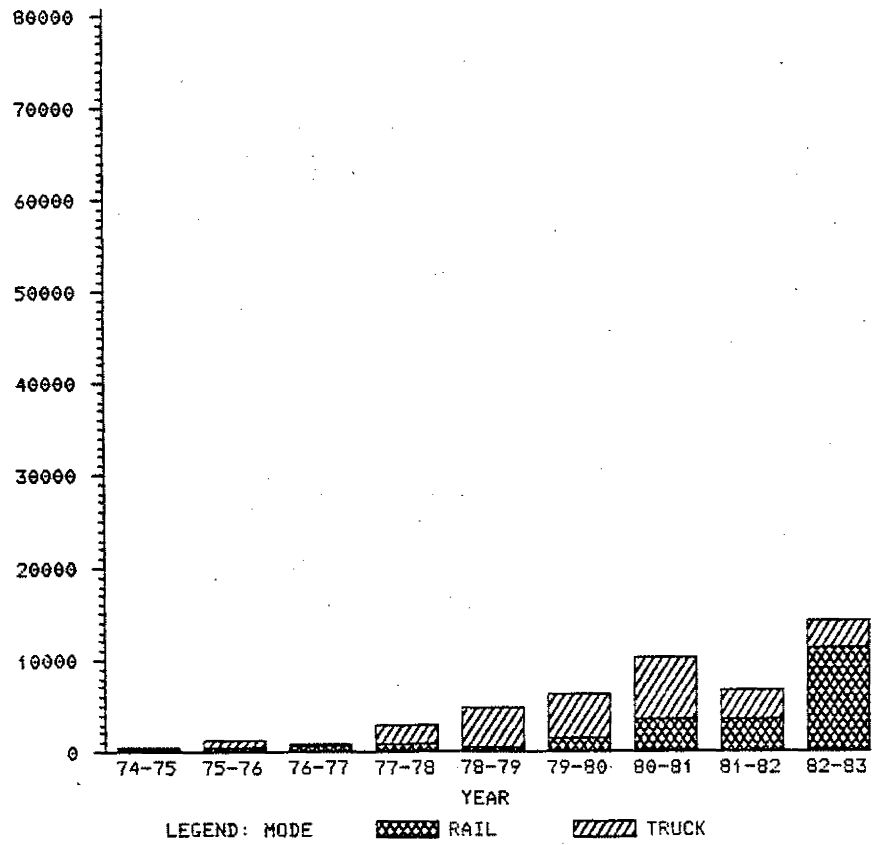


LEGEND: MODE RAIL TRUCK

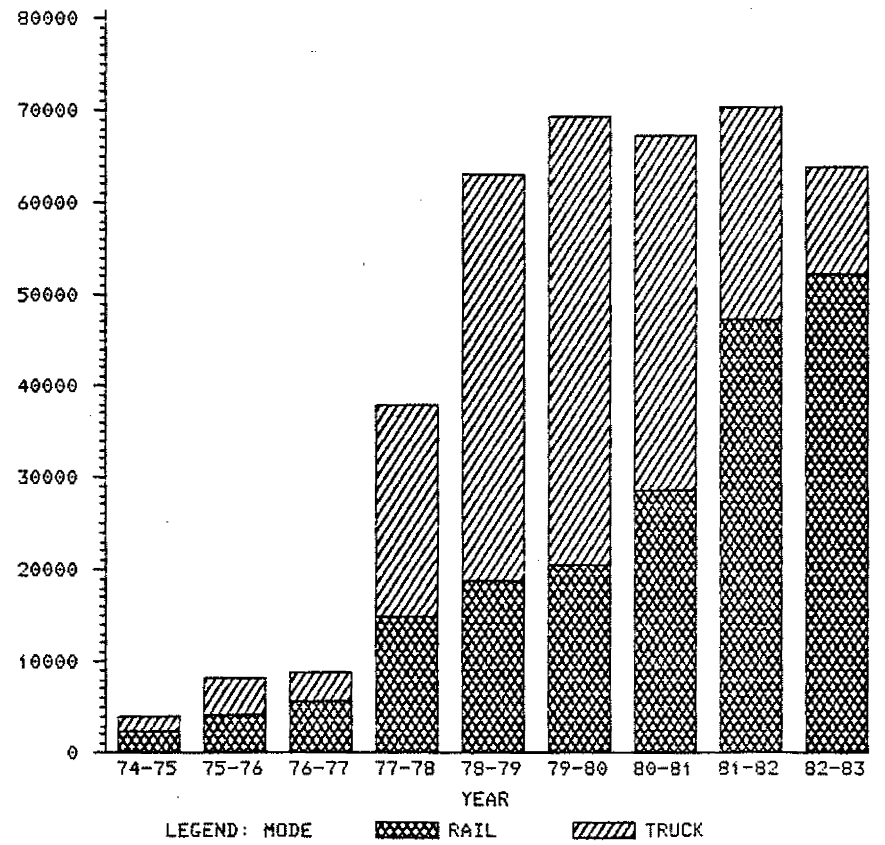
NORTH DAKOTA SUNFLOWER SEED SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		OTHER MINN.		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	(thousand bu.)									
1975-76	510 (44%)	647 (56%)	4,155 (51%)	3,928 (49%)	279 (24%)	868 (76%)	1,947 (47%)	2,220 (53%)	6,891 (47%)	7,663 (53%)
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 (42%)	4,433 (58%)	18,571 (63%)	32,708 (27%)
1978-79	489 (10%)	4,301 (90%)	18,830 (30%)	44,348 (70%)	465 (92%)	5,143 (30%)	1,708 (70%)	3,969 (27%)	21,492 (73%)	57,761
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%)	45,750 (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%)
3 Year Average	6,184 (59%)	4,218 (41%)	43,012 (64%)	24,493 (36%)	2,329 (33%)	4,724 (67%)	12,243 (39%)	18,832 (61%)	63,768 (55%)	52,267 (45%)

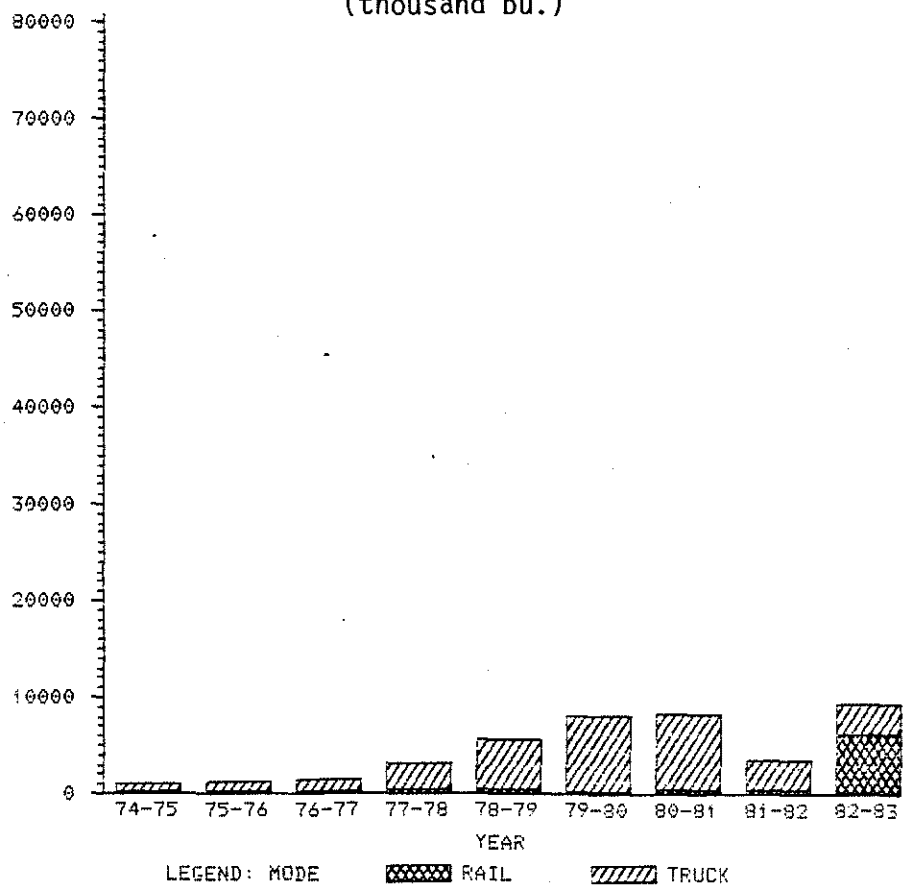
SUN TO MSP BY MODE
(thousand bu.)



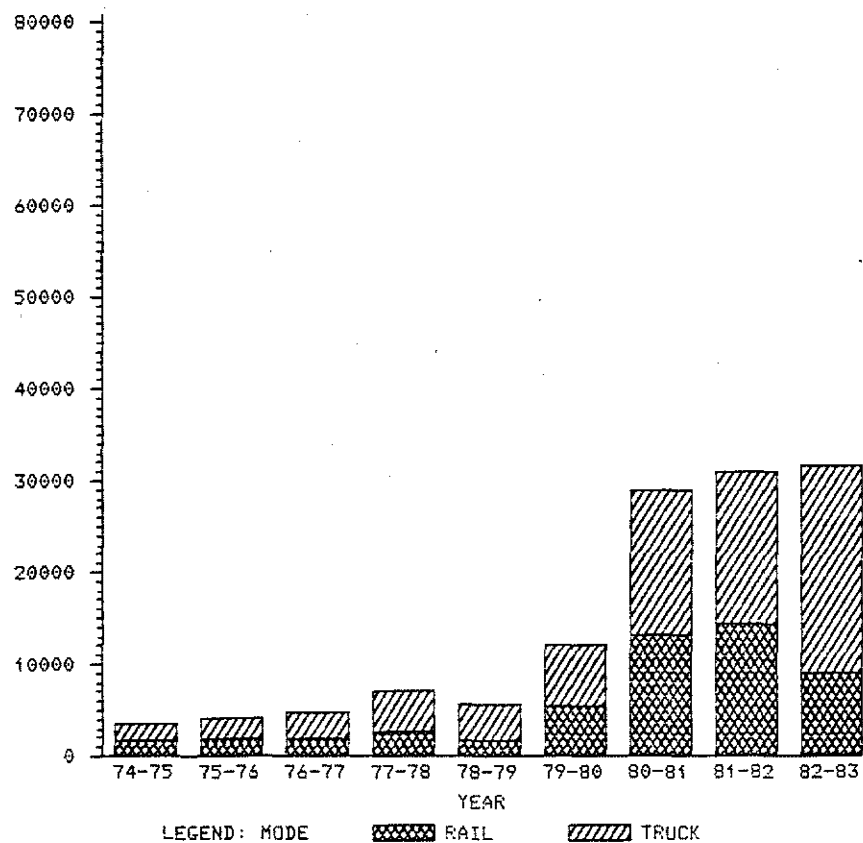
SUN TO DS BY MODE
(thousand bu.)



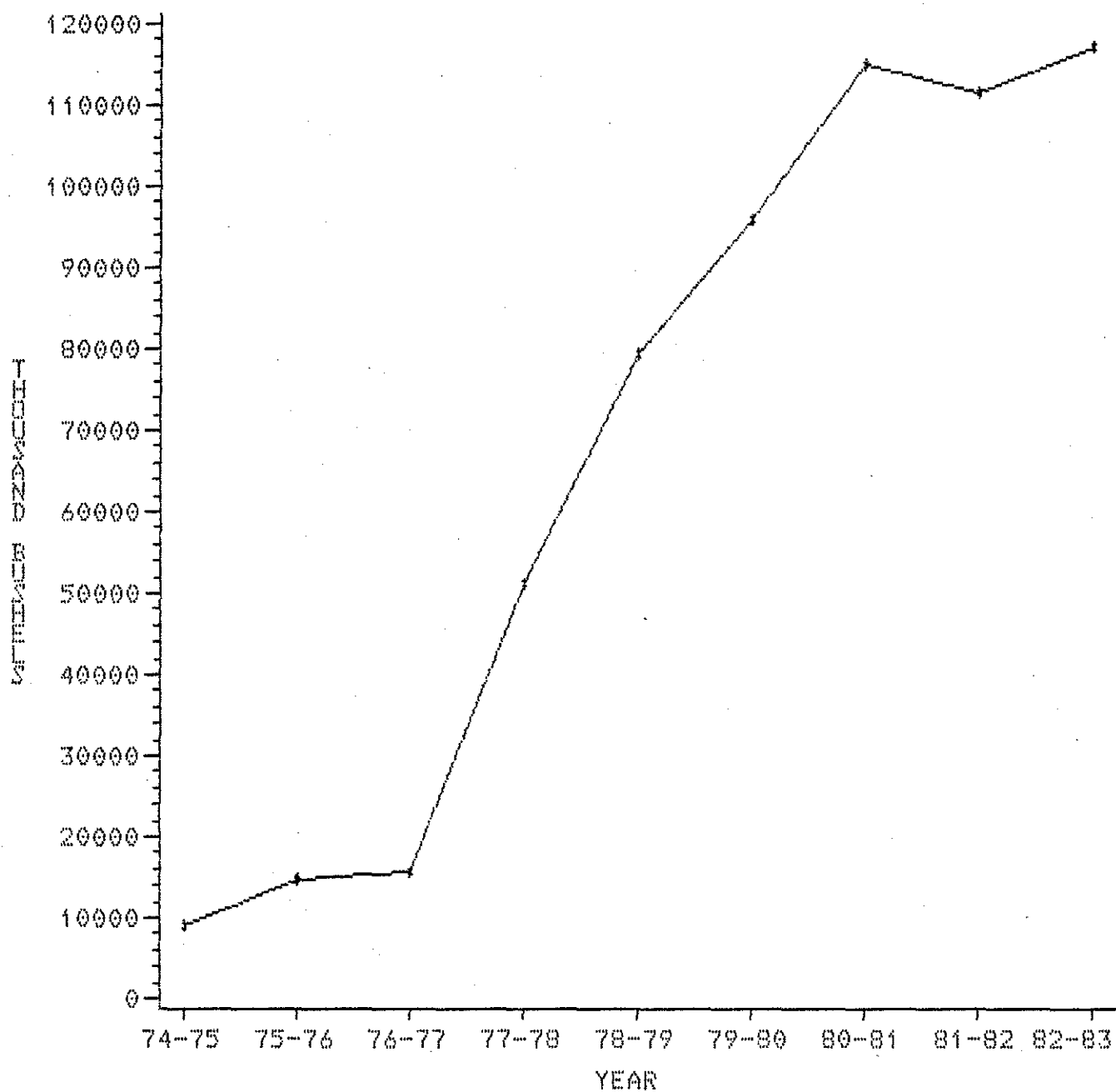
SUN TO OMINN BY MODE
(thousand bu.)



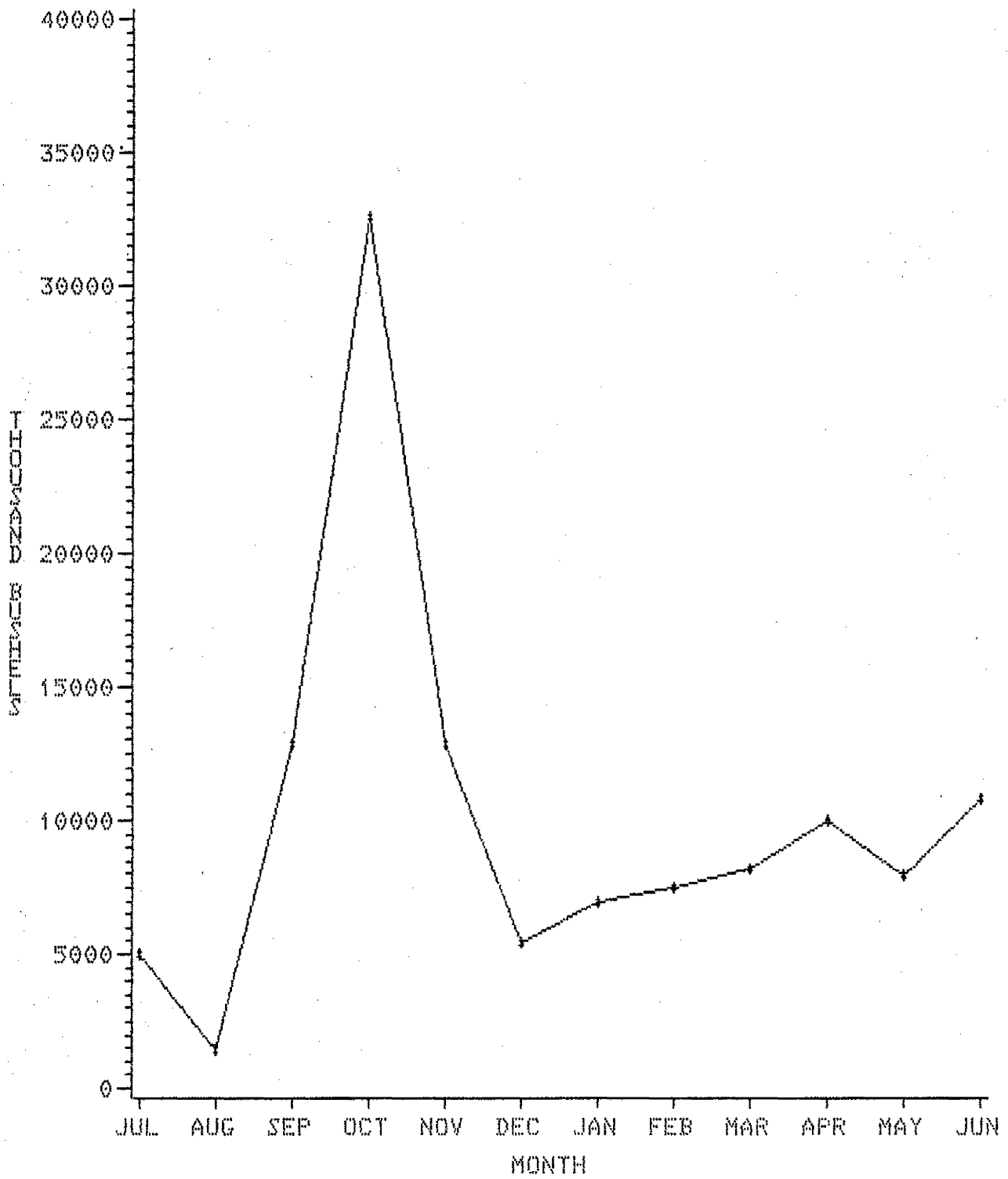
SUN TO MISC BY MODE
(thousand bu.)



SUNFLOWER MOVEMENTS, ALL DEST, 1974-75 TO 1982-83



SUNFLOWER MOVEMENTS BY MONTH, 1982-83

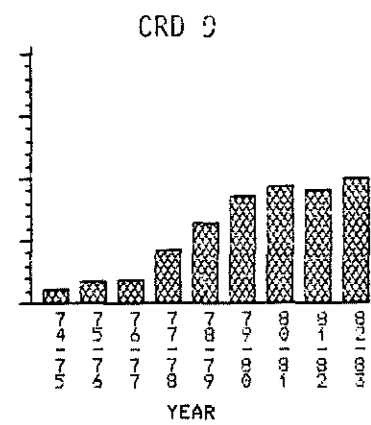
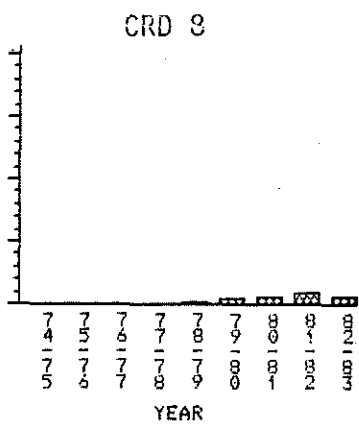
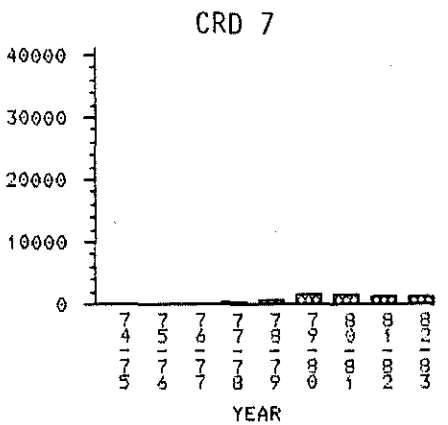
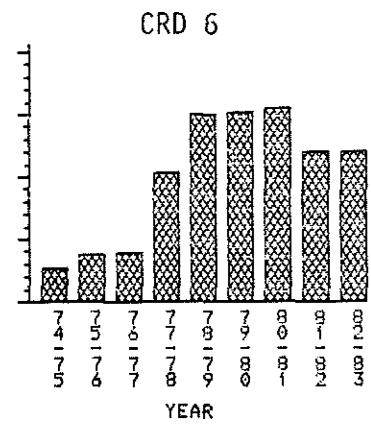
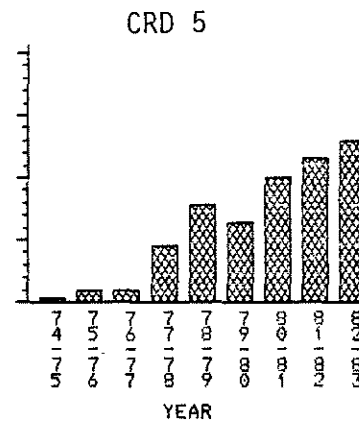
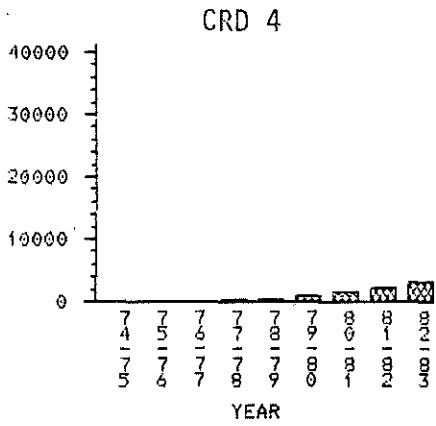
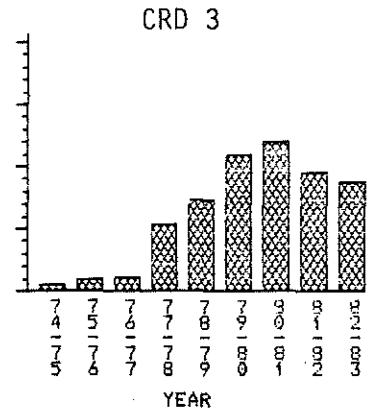
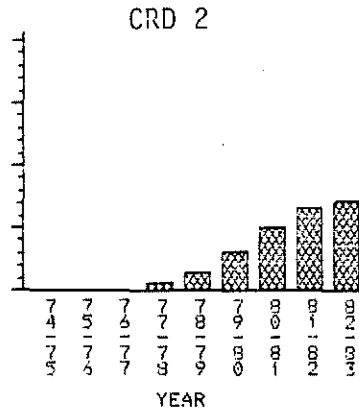
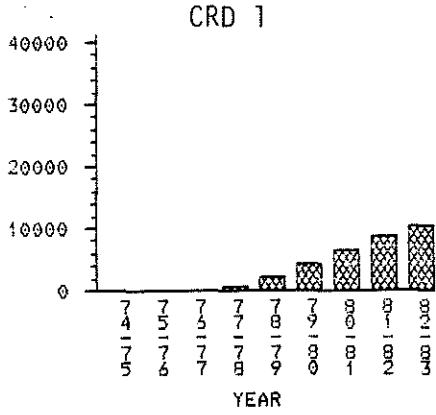


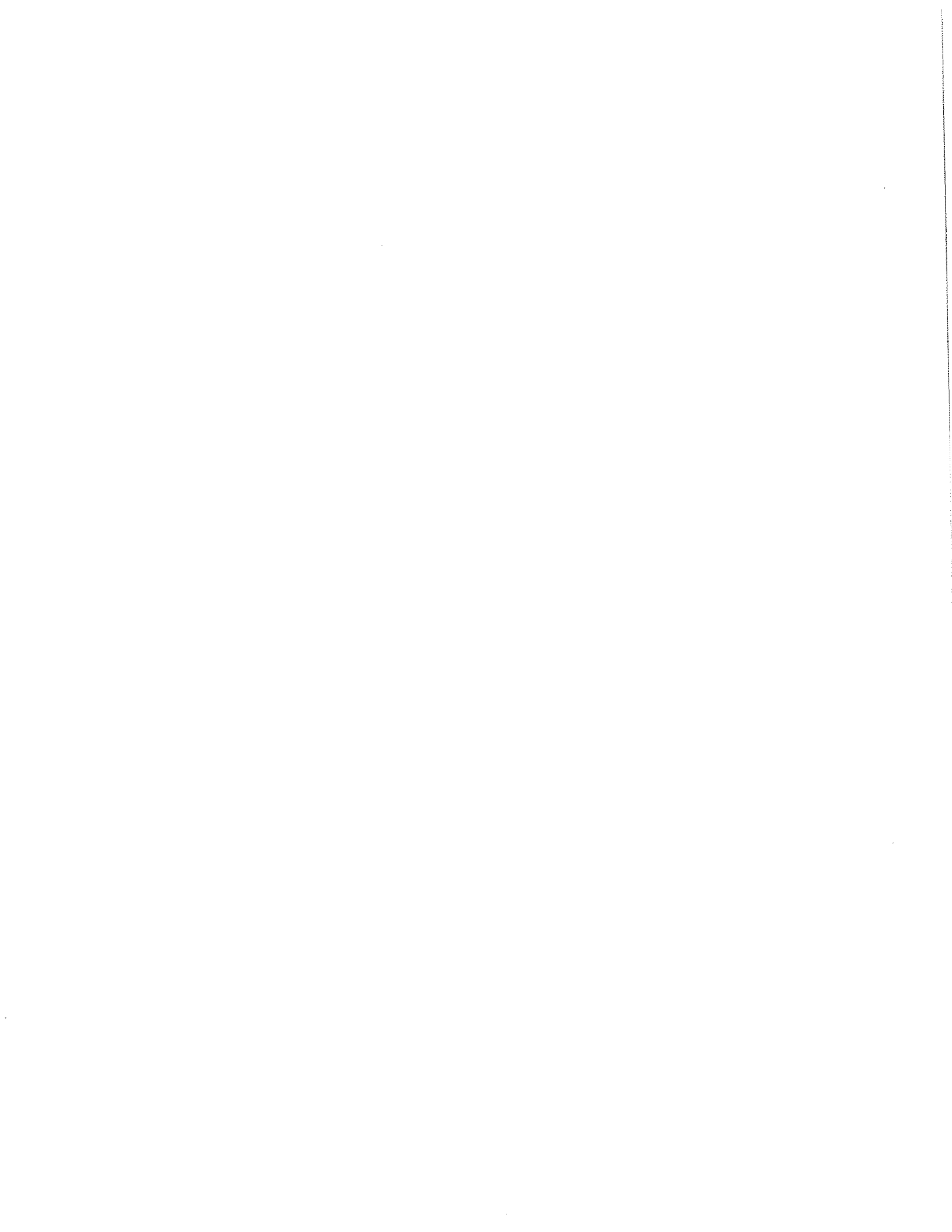
NORTH DAKOTA SUNFLOWER SEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1975-76	0	71	1,853	9	1,772	7,441	2	7	3,399	14,554
1976-77	7	26	2,184	20	1,788	7,861	25	0	3,711	15,622
1977-78	771	1,267	10,469	179	9,087	20,710	225	129	8,442	51,279
1978-79	2,233	2,839	14,803	336	15,560	30,050	485	225	12,722	79,253
1979-80	4,317	6,101	21,814	819	12,706	30,33	1,550	1,045	17,254	95,939
1980-81	6,422	9,970	24,165	1,668	20,114	30,871	1,528	1,256	18,872	114,866
1981-82	8,702	13,245	18,996	2,106	23,244	24,067	1,219	1,831	18,086	111,496
1982-83	10,434	15,728	17,391	4,084	25,906	24,230	1,510	2,206	20,253	121,744
3 Year Average	8,519	12,981	20,184	2,619	23,088	26,389	1,419	1,764	19,070	116,035

54

SUNFLOWER SHIPMENTS BY CRD
(thousand bu.)



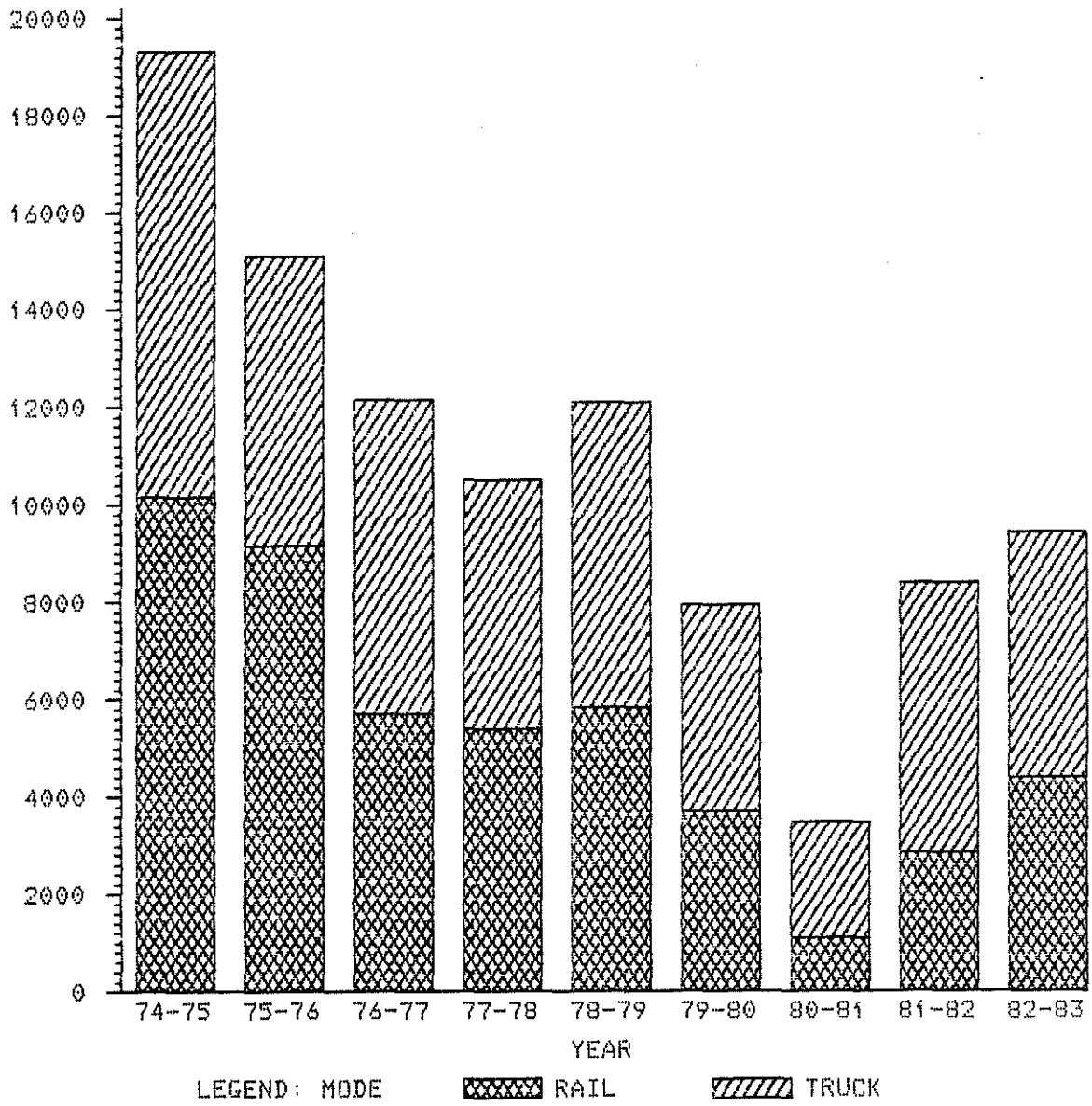


NORTH DAKOTA OATS SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	8,779 (58%)	3,531 (23%)	1,458 (10%)	1,334 (9%)	15,102 (100%)
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%)
3 Year Average	4,602 (61%)	477 (6%)	747 (10%)	1,667 (22%)	7,492 (100%)

OAT TO TOT BY MODE

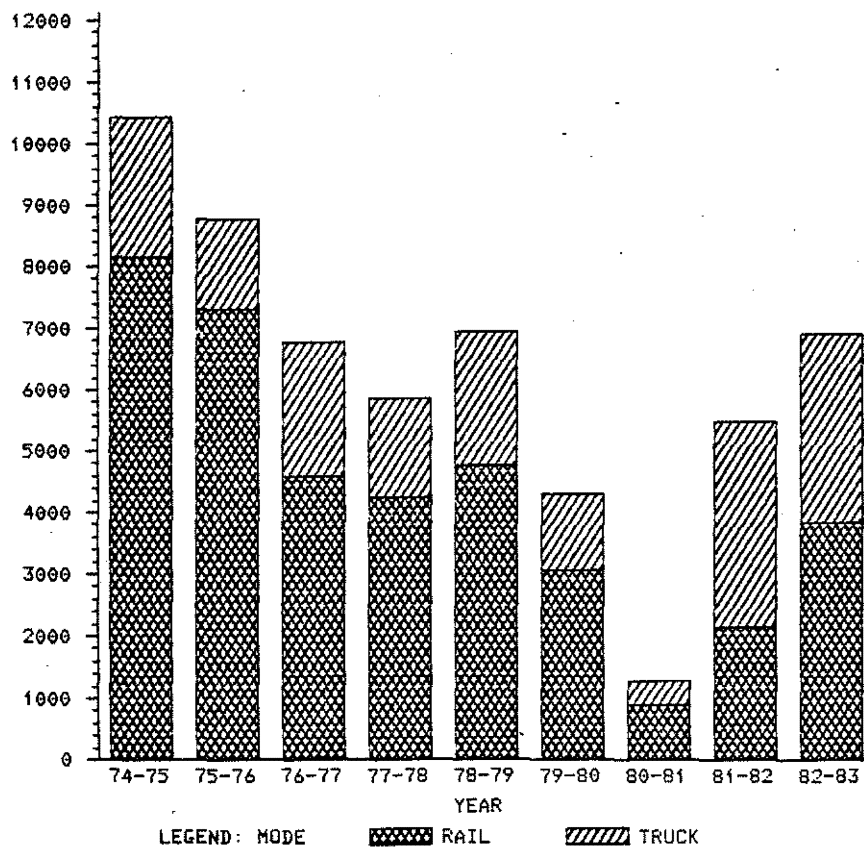
(thousand bo.)



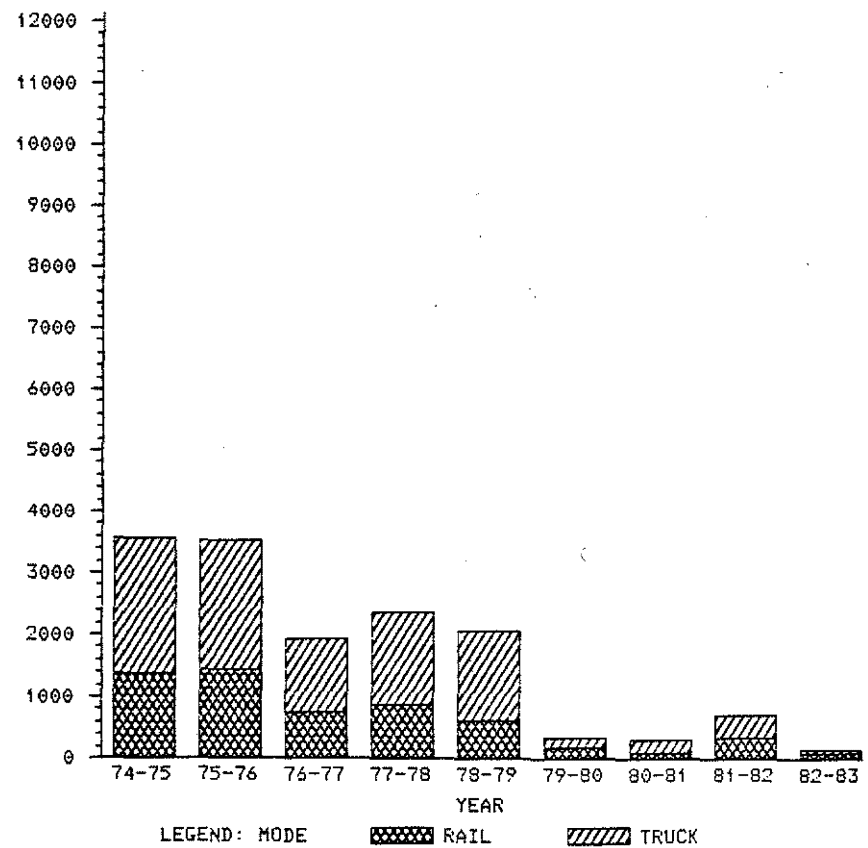
NORTH DAKOTA OATS SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	Minneapolis-St. Paul		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1975-76	7,300 (83%)	1,479 (17%)	1,442 (41%)	2,090 (59%)	92 (6%)	1,366 (94%)	304 (24%)	1,031 (77%)	9,148 (61%)	5,966 (39%)
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%)	2,418 (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%)
3 Year Average	2,309 (50%)	2,292 (50%)	256 (54%)	221 (46%)	22 (3%)	726 (97%)	412 (25%)	1,255 (75%)	2,998 (40%)	4,494 (60%)

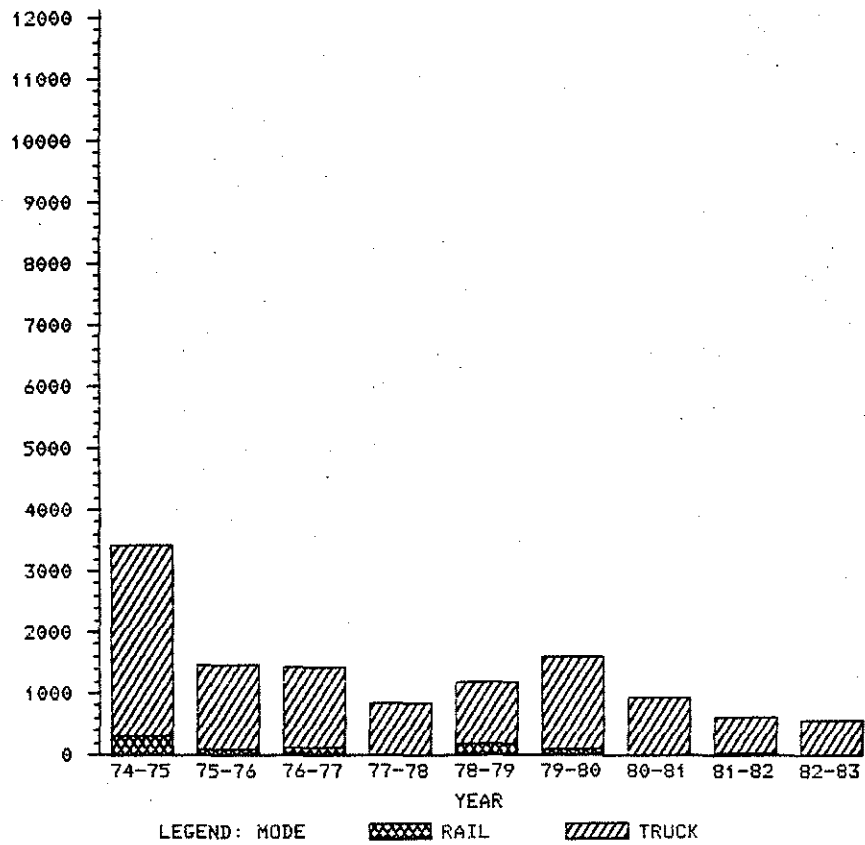
OAT TO MSP BY MODE
(thousand bu.)



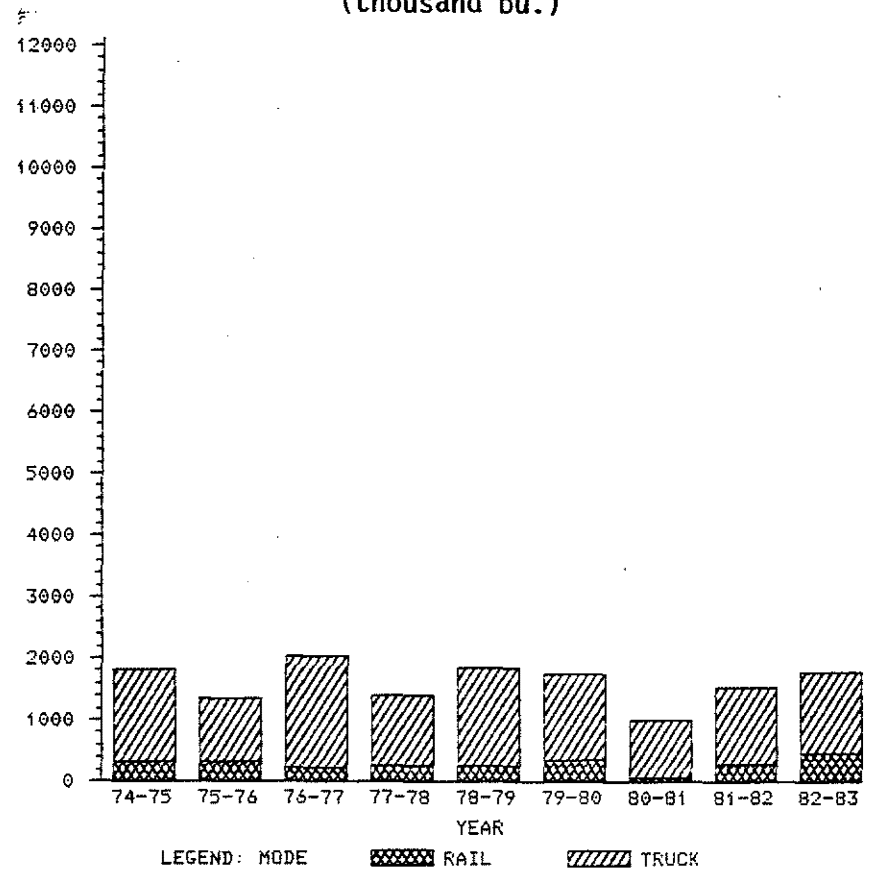
OAT TO DS BY MODE
(thousand bu.)



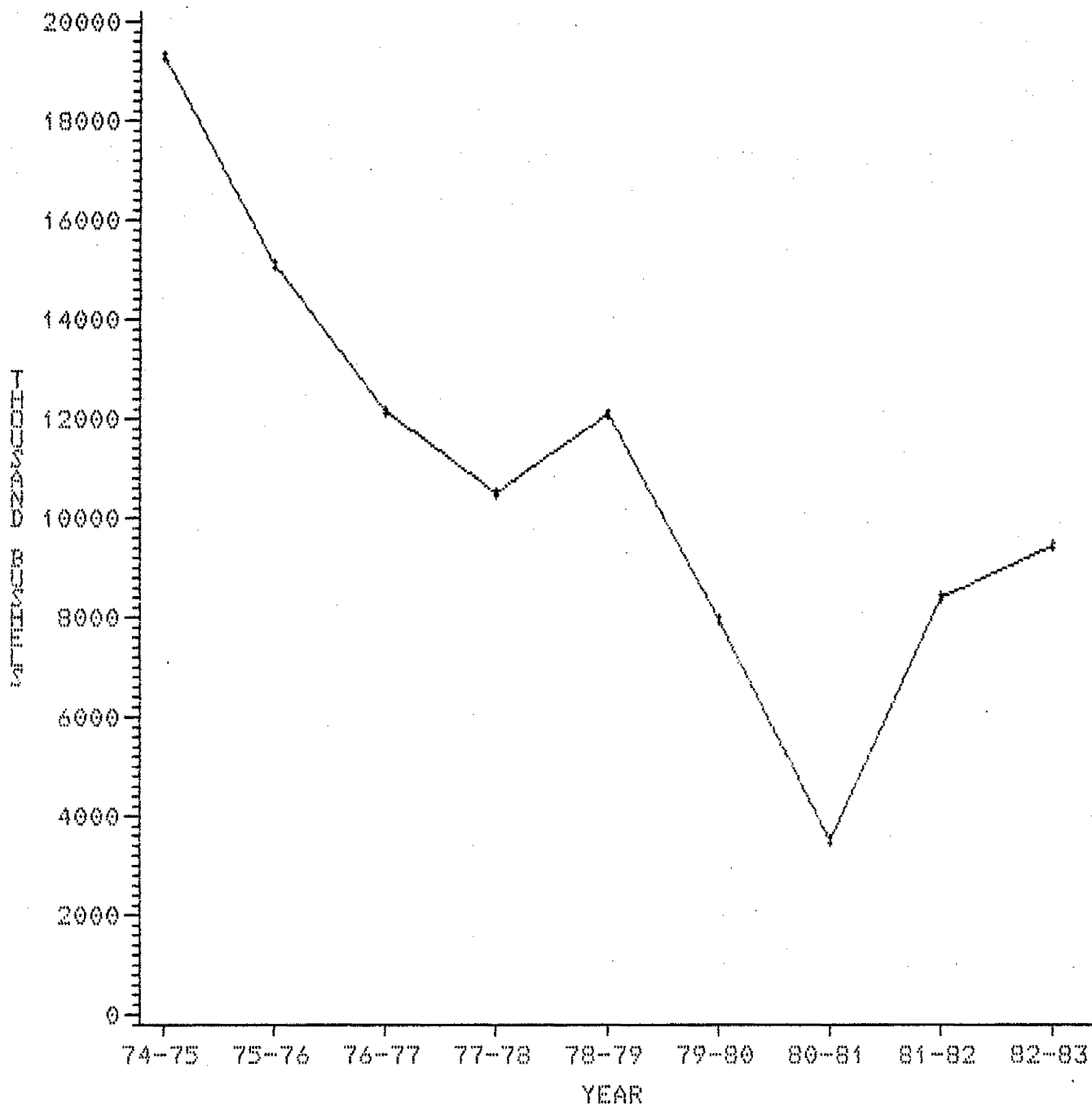
OAT TO PNW BY MODE
(thousand bu.)



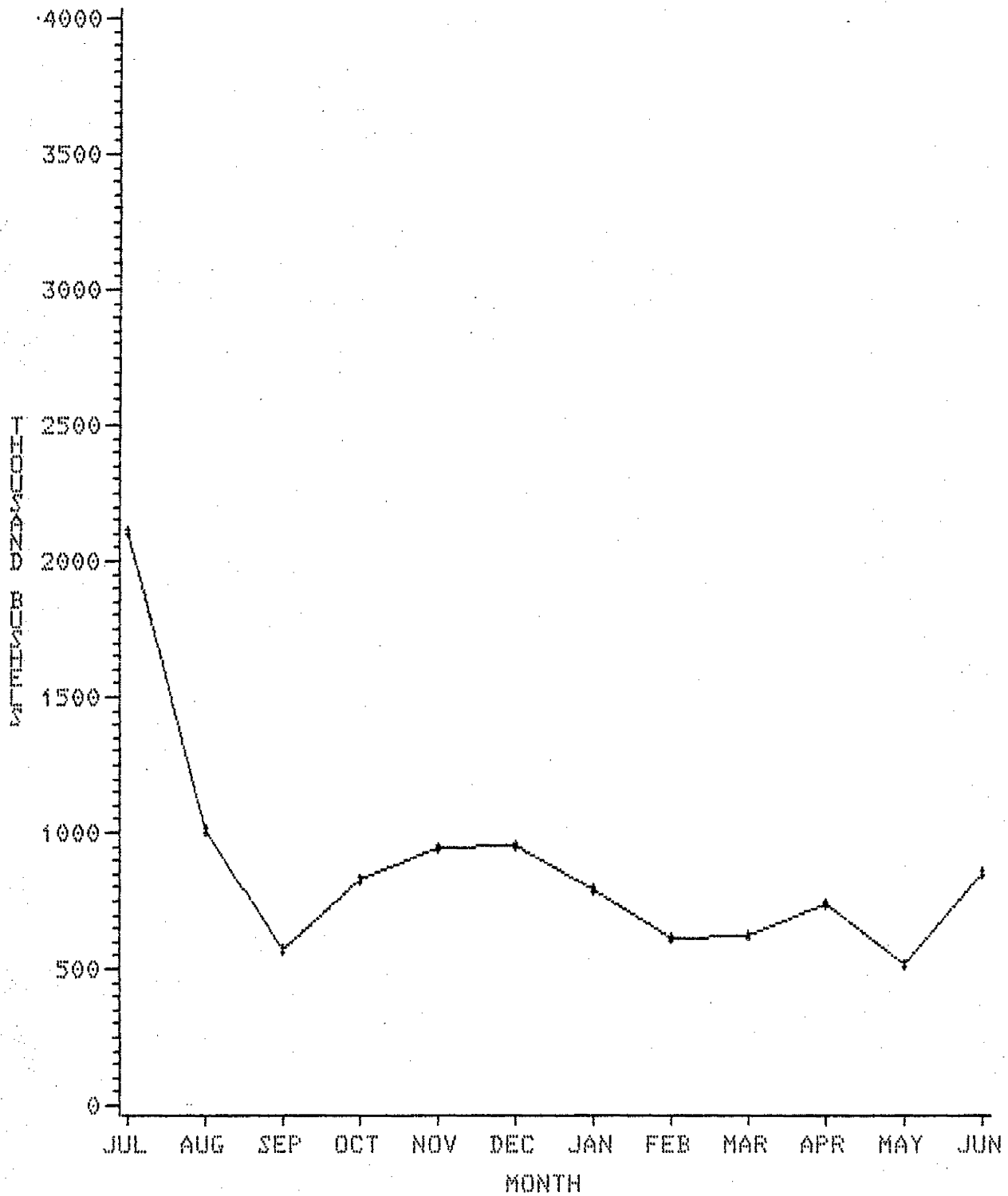
OAT TO MISC BY MODE
(thousand bu.)



OATS MOVEMENTS, ALL DEST, 1974-75 TO 1982-83



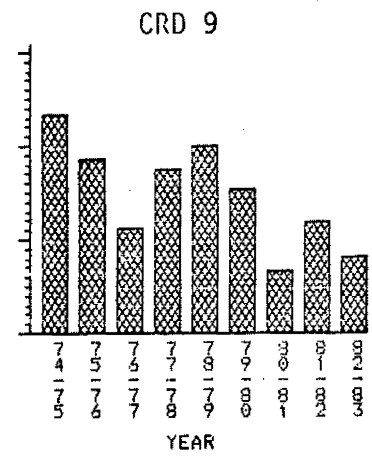
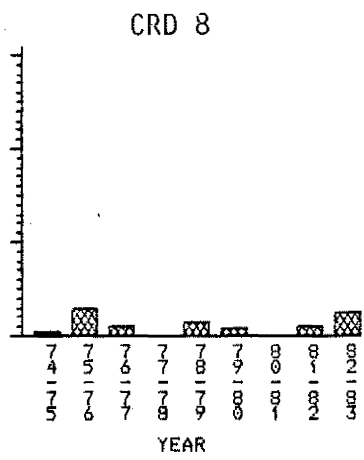
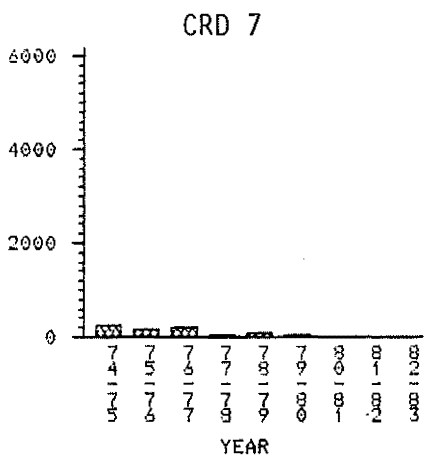
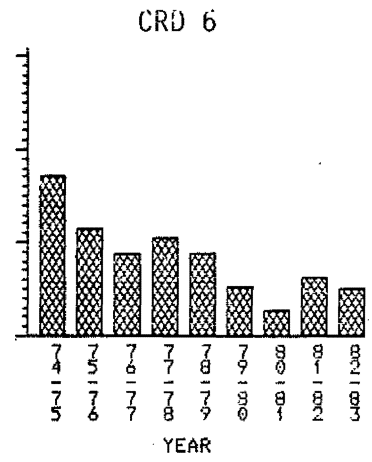
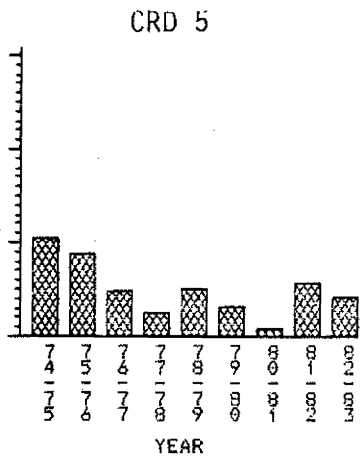
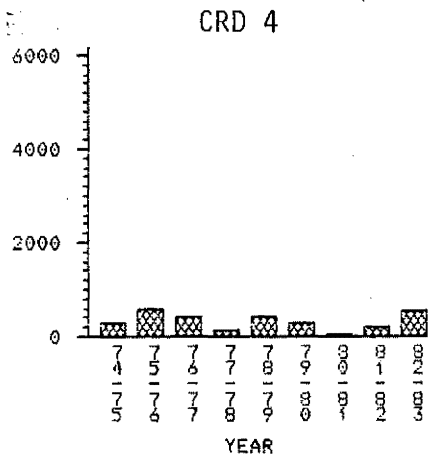
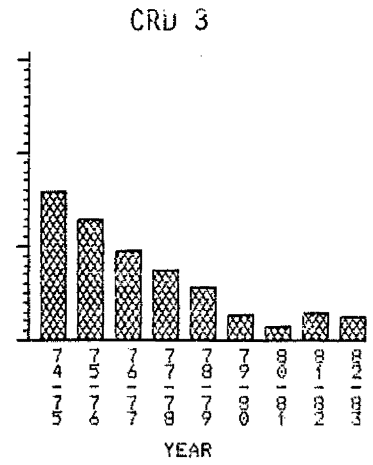
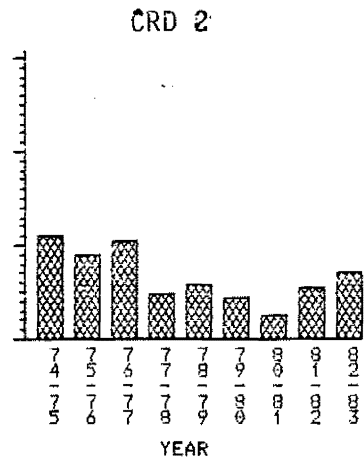
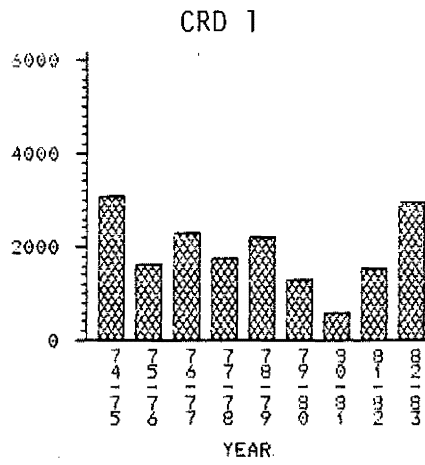
OATS MOVEMENTS BY MONTH, 1982-83



NORTH DAKOTA OATS SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	1	2	3	4	5	6	7	8	9	TOTAL
	(thousand bu.)									
1975-76	1,613	1,806	2,590	596	1,757	2,297	163	573	3,709	15,102
1976-77	2,309	2,081	1,904	436	976	1,733	225	226	2,269	12,159
1977-78	1,769	974	1,485	137	507	2,077	47	7	3,490	10,493
1978-79	2,200	1,184	1,132	425	1,016	1,760	68	301	4,002	12,086
1979-80	1,305	875	544	282	619	1,057	38	159	3,079	7,958
1980-81	590	502	292	42	167	558	4	8	1,352	3,515
1981-82	1,556	1,070	579	217	1,106	1,243	19	212	2,377	8,379
1982-83	3,130	1,614	598	573	946	1,176	164	578	1,804	10,583
3 Year Average	1,759	1,062	490	277	740	992	62	266	1,844	7,492

OATS SHIPMENTS BY CRD
(thousand bu.)

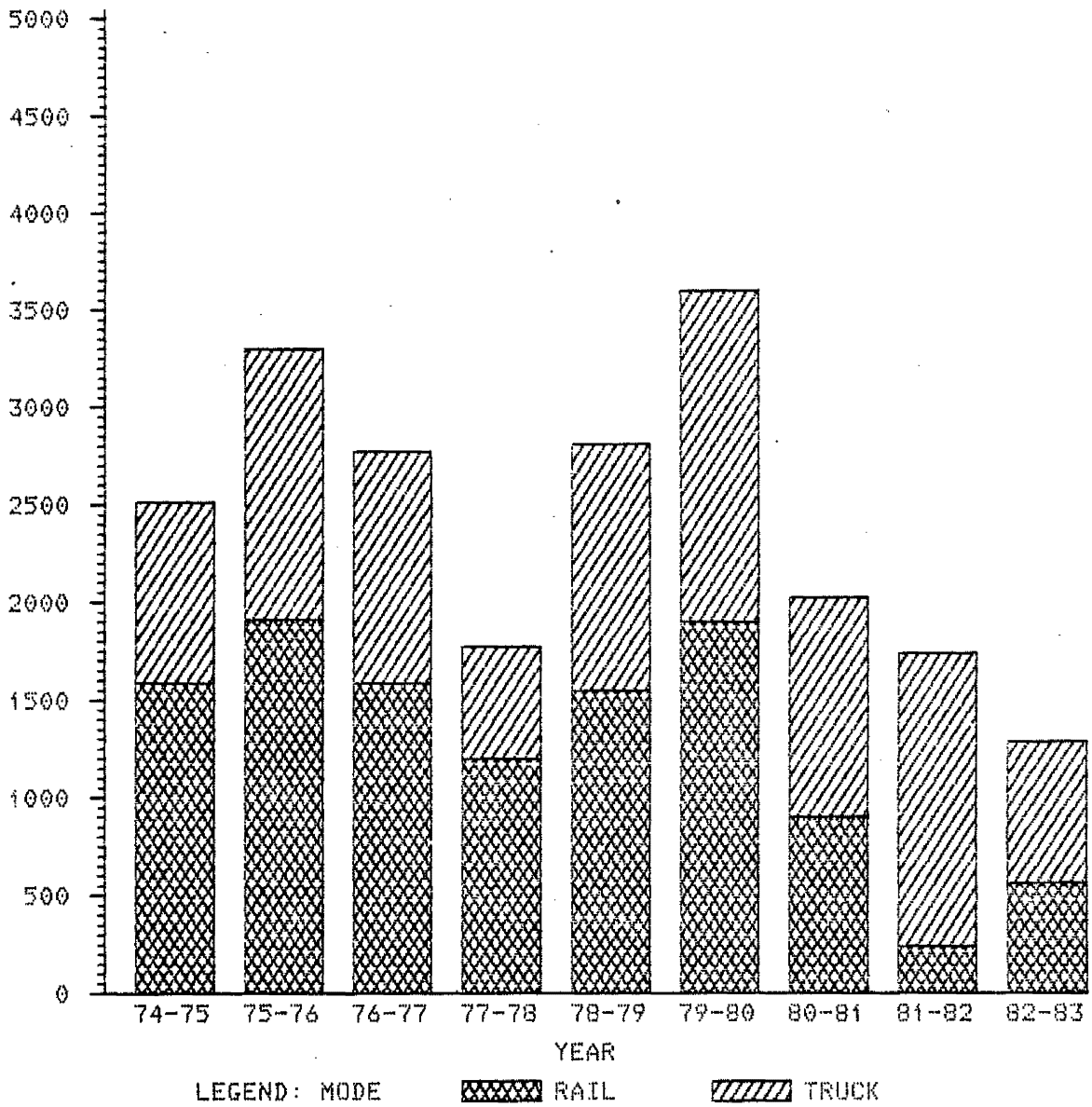


RYE

NORTH DAKOTA RYE SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	1,438 (44%)	1,331 (40%)	71 (2%)	455 (14%)	3,295 (100%)
1976-77	1,612 (58%)	557 (20%)	86 (3%)	514 (19%)	2,769 (100%)
1977-78	769 (43%)	671 (38%)	104 (6%)	228 (13%)	1,772 (100%)
1978-79	1,357 (48%)	1,017 (36%)	74 (3%)	363 (13%)	2,811 (100%)
1979-80	1,195 (33%)	2,002 (56%)	112 (3%)	290 (8%)	3,599 (100%)
1980-81	541 (27%)	958 (47%)	76 (4%)	445 (22%)	2,020 (100%)
1981-82	874 (50%)	502 (28%)	79 (6%)	285 (16%)	1,740 (100%)
1982-83	606 (47%)	226 (18%)	115 (9%)	338 (26%)	1,285 (100%)
3 Year Average	674 (40%)	562 (33%)	90 (5%)	356 (21%)	1,682 (100%)

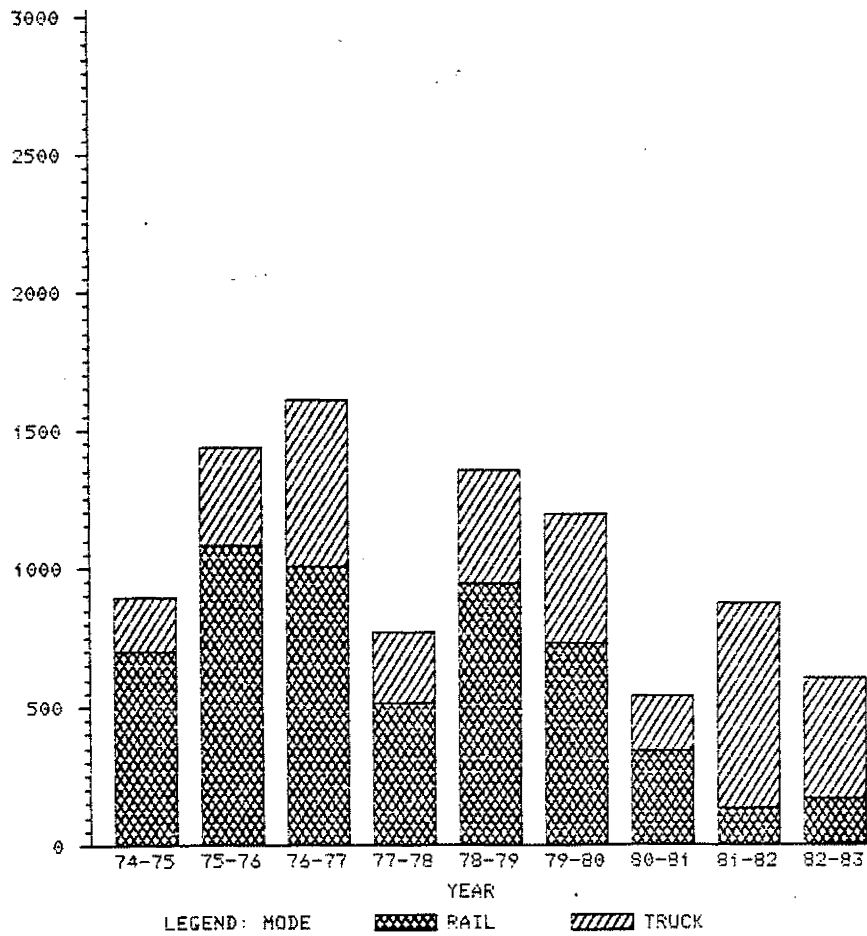
RYE TO TOT BY MODE (thousand bu.)



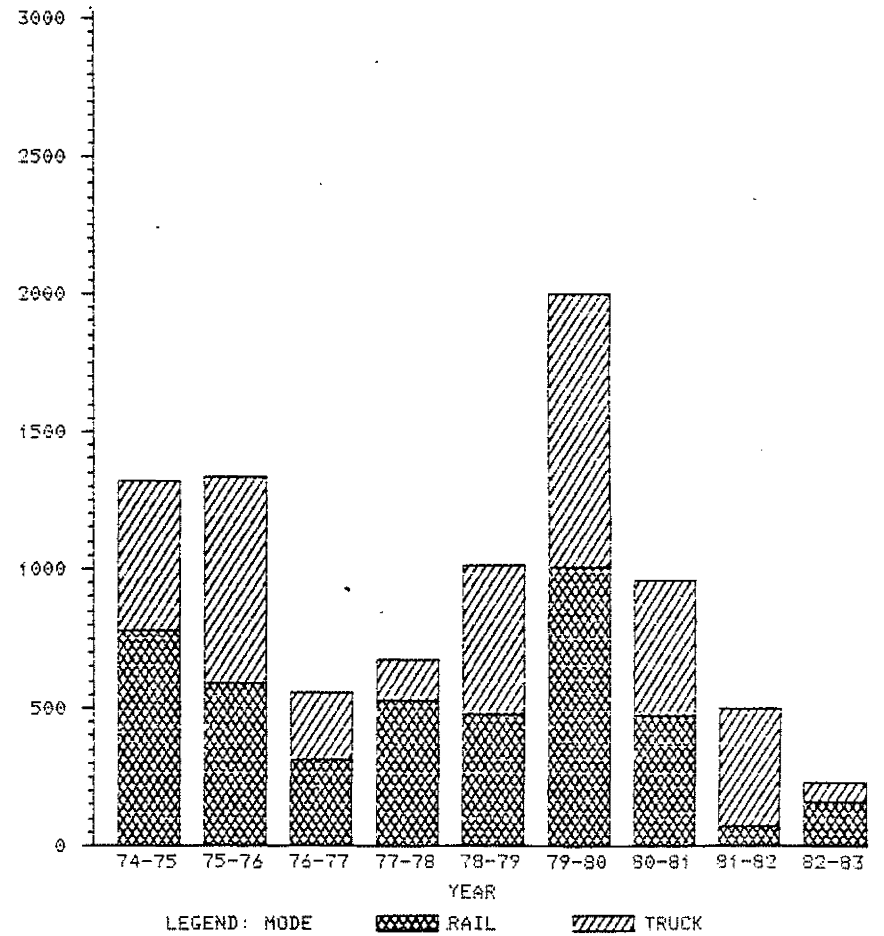
NORTH DAKOTA RYE SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
(thousand bu.)										
1975-76	1,085 (75%)	353 (25%)	588 (44%)	743 (56%)	0 (0%)	71 (100%)	245 (54%)	210 (46%)	1,918 (58%)	1,377 (42%)
1976-77	1,009 (63%)	603 (36%)	311 (56%)	246 (44%)	6 (7%)	80 (93%)	267 (52%)	247 (48%)	1,593 (58%)	1,176 (42%)
1977-78	512 (67%)	257 (33%)	525 (78%)	146 (47%)	22 (21%)	82 (79%)	142 (62%)	86 (38%)	1,201 (68%)	571 (32%)
1978-79	946 (70%)	411 (30%)	476 (47%)	541 (53%)	6 (8%)	68 (92%)	121 (33%)	242 (67%)	1,549 (55%)	1,262 (45%)
1979-80	727 (61%)	468 (39%)	1,005 (50%)	997 (50%)	41 (37%)	70 (63%)	122 (42%)	169 (58%)	1,895 (53%)	1,704 (47%)
1980-81	341 (63%)	200 (37%)	473 (49%)	485 (51%)	0 (0%)	76 (100%)	84 (19%)	361 (81%)	898 (44%)	1,122 (56%)
1981-82	131 (15%)	743 (85%)	66 (13%)	436 (87%)	0 (0%)	79 (100%)	46 (16%)	239 (84%)	240 (14%)	1,497 (86%)
1982-83	167 (26%)	439 (72%)	163 (72%)	63 (28%)	28 (24%)	87 (76%)	209 (62%)	129 (38%)	567 (44%)	718 (56%)
3 Year Average	213 (32%)	461 (68%)	234 (42%)	328 (58%)	9 (10%)	81 (90%)	113 (32%)	243 (68%)	568 (34%)	1,112 (66%)

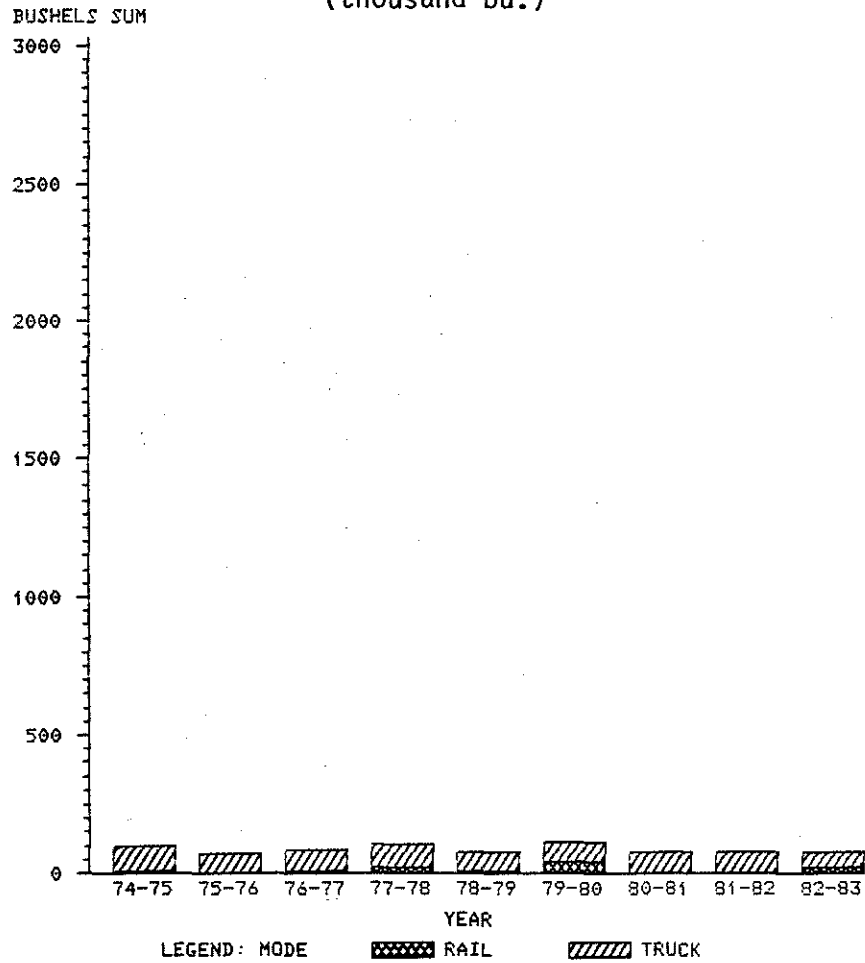
RYE TO MSP BY MODE
(thousand bu.)



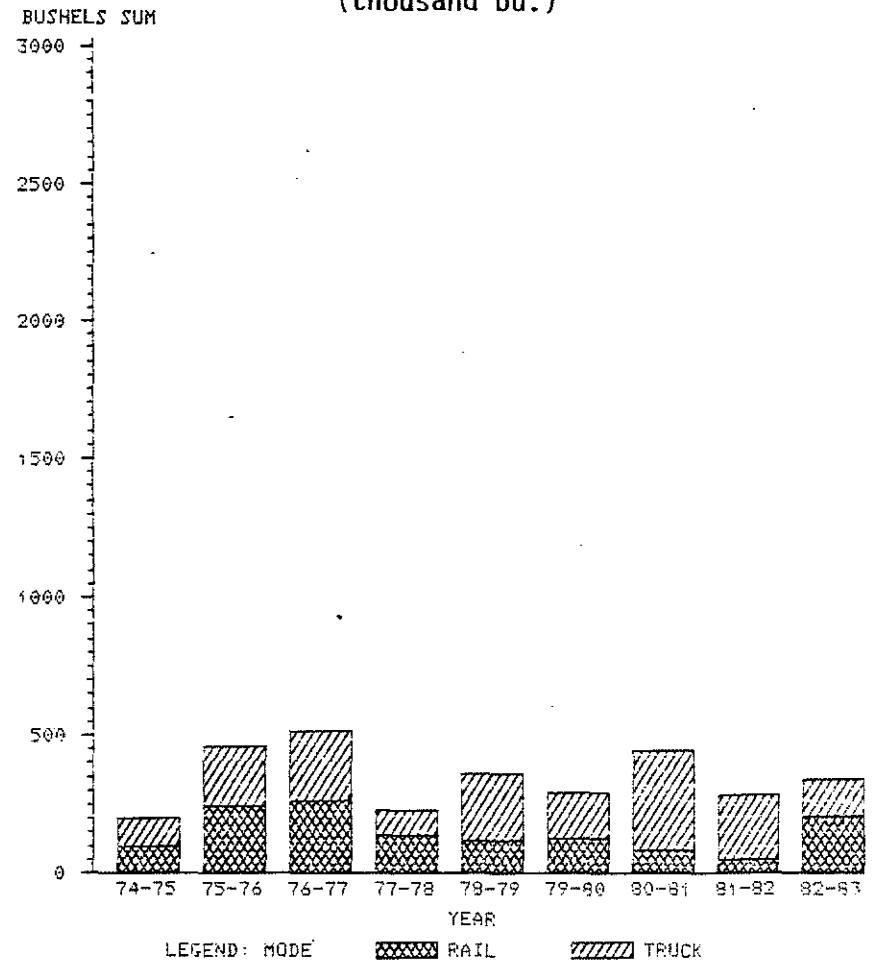
RYE TO DS BY MODE
(thousand bu.)



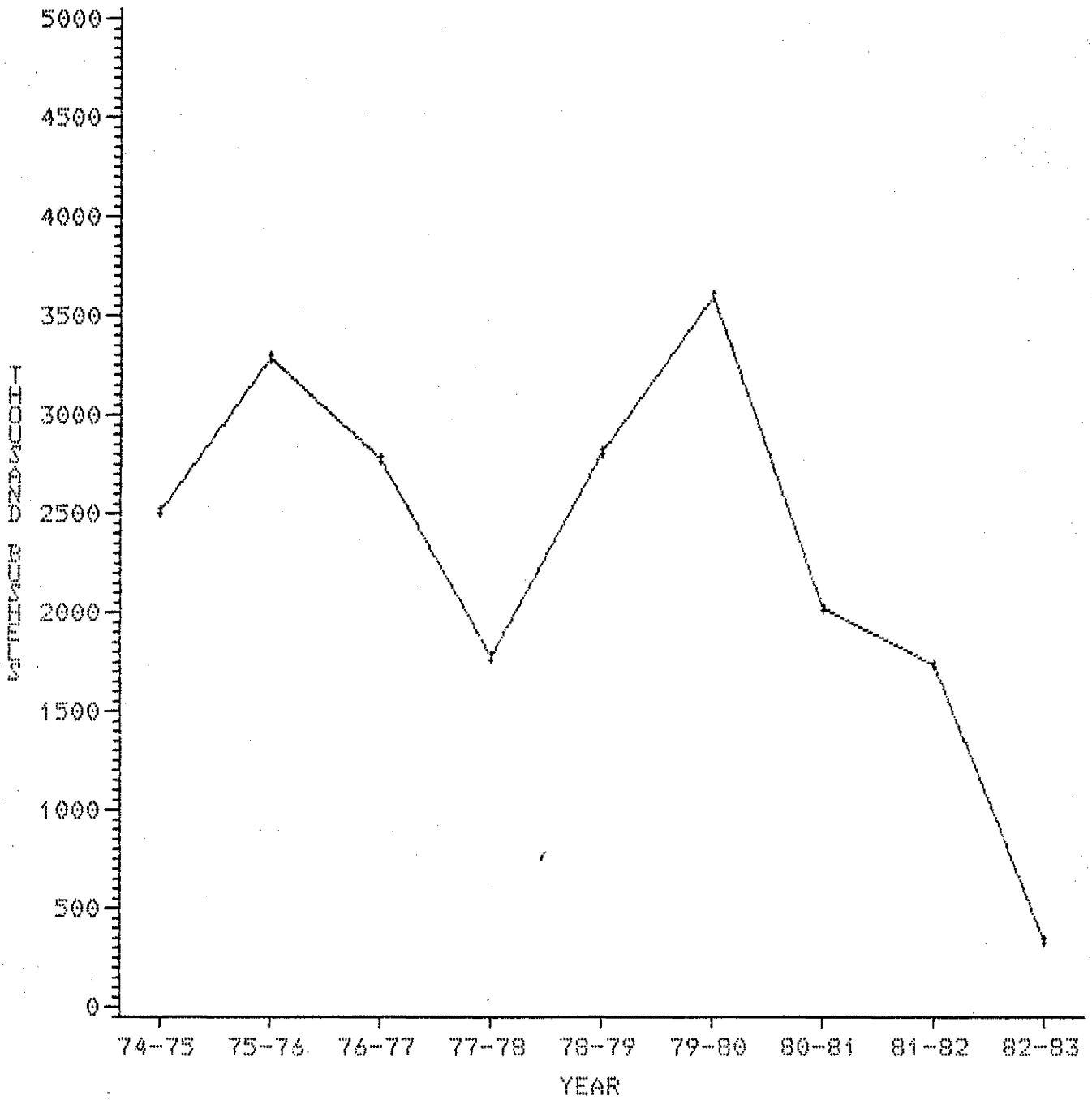
RYE TO PNW BY MODE
(thousand bu.)



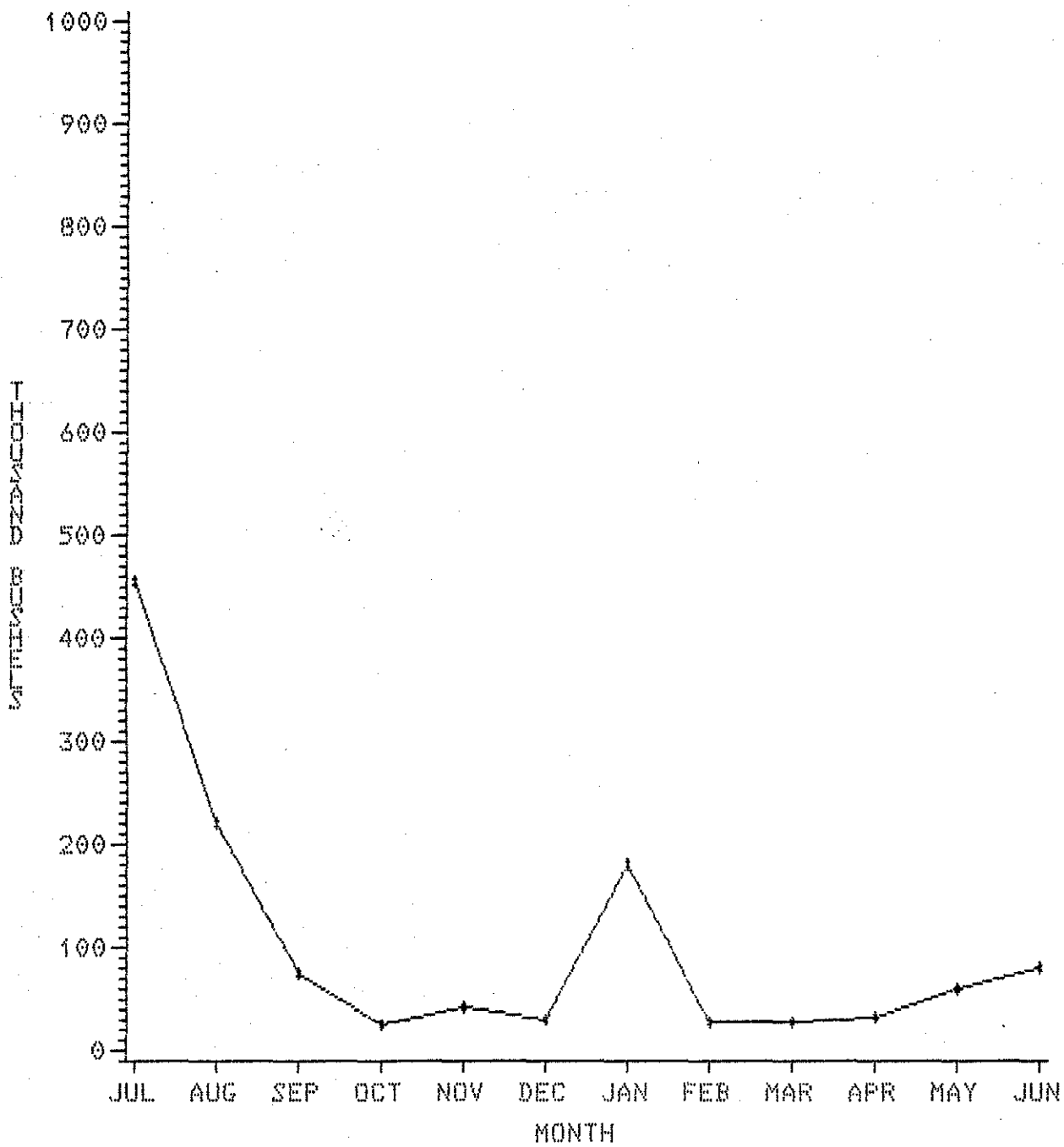
RYE TO MISC BY MODE
(thousand bu.)



RYE MOVEMENTS, ALL DEST, 1974-75 TO 1982-83



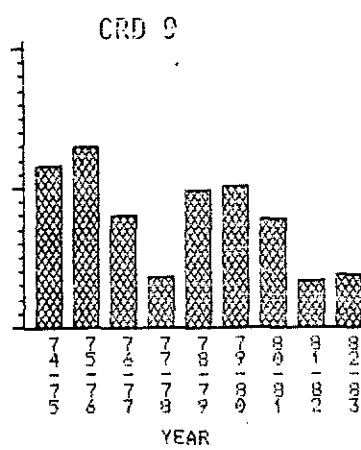
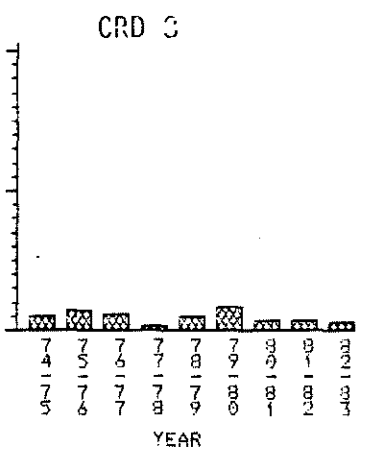
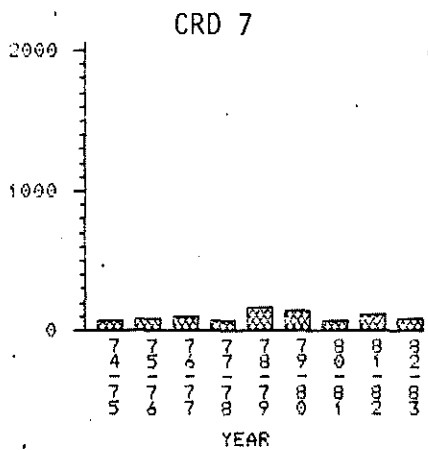
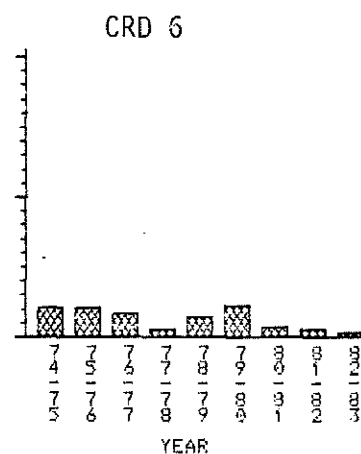
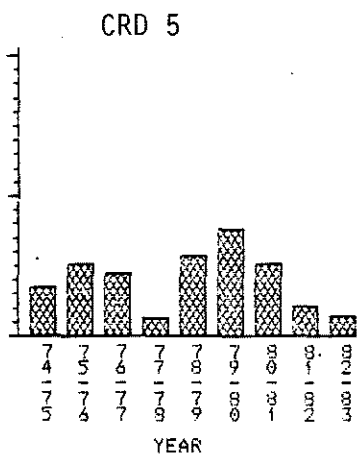
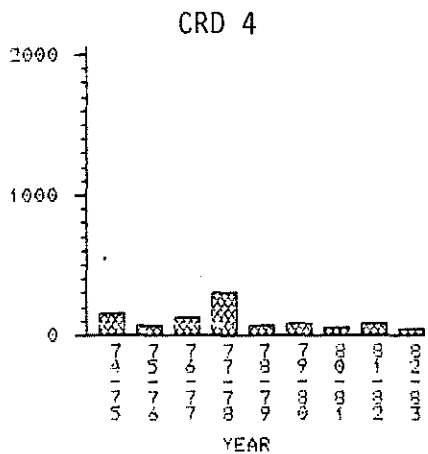
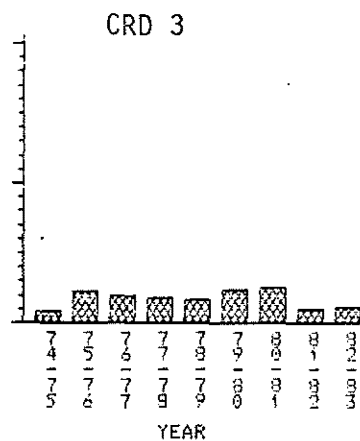
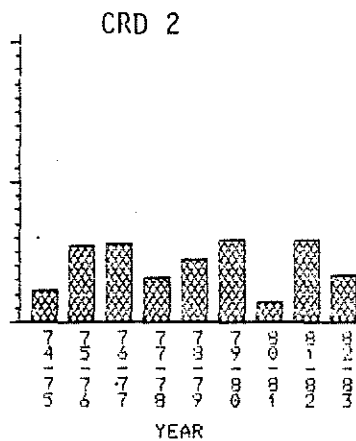
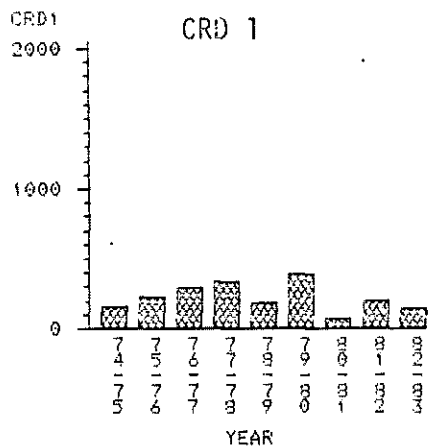
RYE MOVEMENTS BY MONTH, 1982-83



NORTH DAKOTA RYE SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
	(thousand bu.)									
1975-76	218	541	222	71	518	206	77	134	1,305	3,292
1976-77	285	557	189	124	444	161	93	118	799	2,770
1977-78	334	315	181	304	122	59	75	27	355	1,772
1978-79	177	442	160	75	570	136	165	104	982	2,811
1979-80	388	587	230	86	760	229	135	164	1,020	3,599
1980-81	68	134	247	61	512	76	74	67	781	2,020
1981-82	191	588	104	79	211	56	112	63	337	1,740
1982-83	134	329	109	47	135	23	85	50	373	1,285
3 Year Average	131	350	153	62	286	52	90	60	497	1,682

RYE SHIPMENTS BY CRD
(thousand bu.)



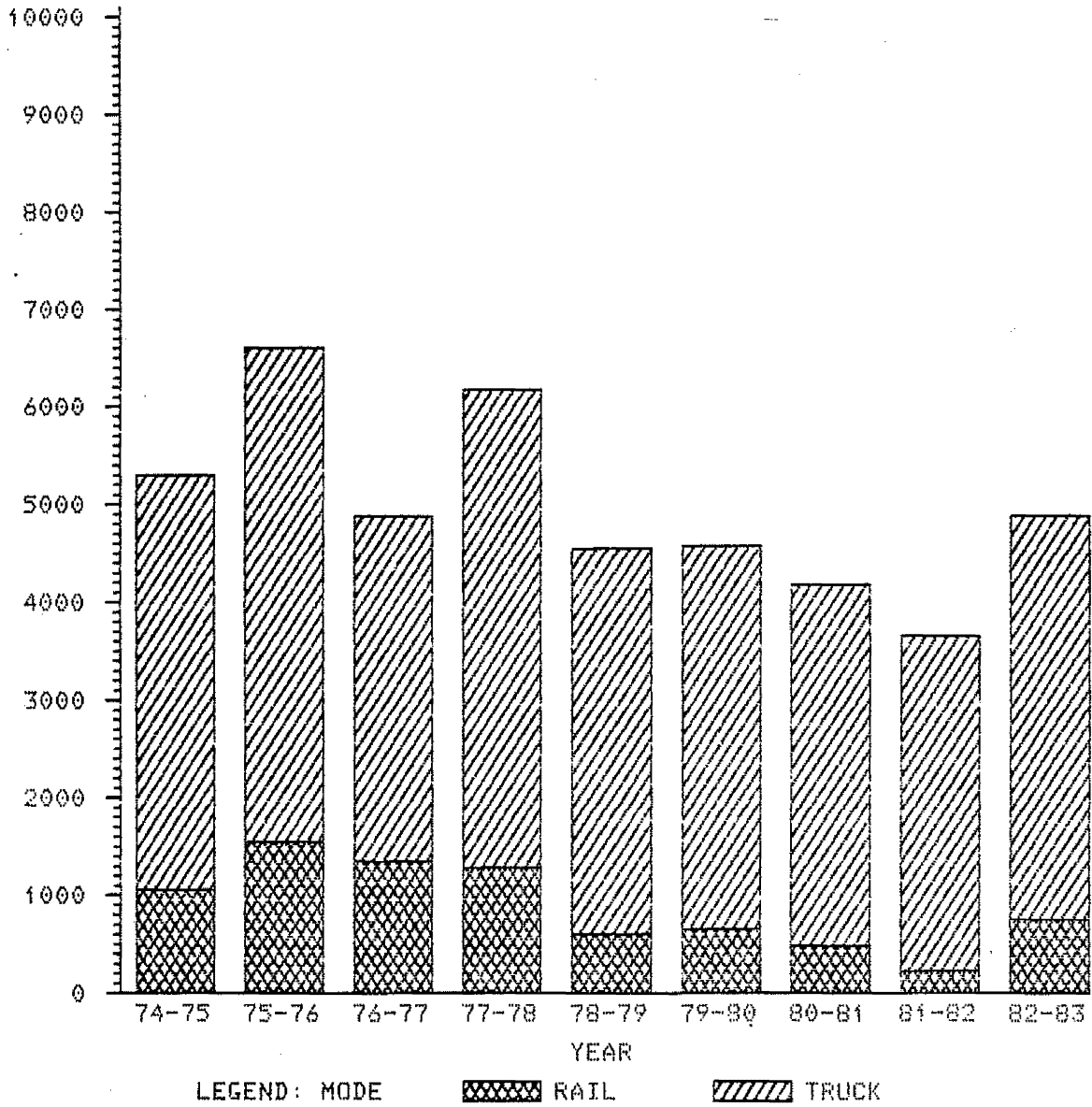


NORTH DAKOTA FLAXSEED SHIPMENTS BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76	5,170 (78%)	855 (13%)	60 (1%)	505 (8%)	6,590 (100%)
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 (.1%)	314 (8%)	3,644 (100%)
1982-83	1,820 (37%)	497 (10%)	8 (.2%)	2,558 (52%)	4,883 (100%)
3 Year Average	2,967 (70%)	235 (6%)	9 (.2%)	1,024 (24%)	4,234 (100%)

FLAX TO TOT BY MODE

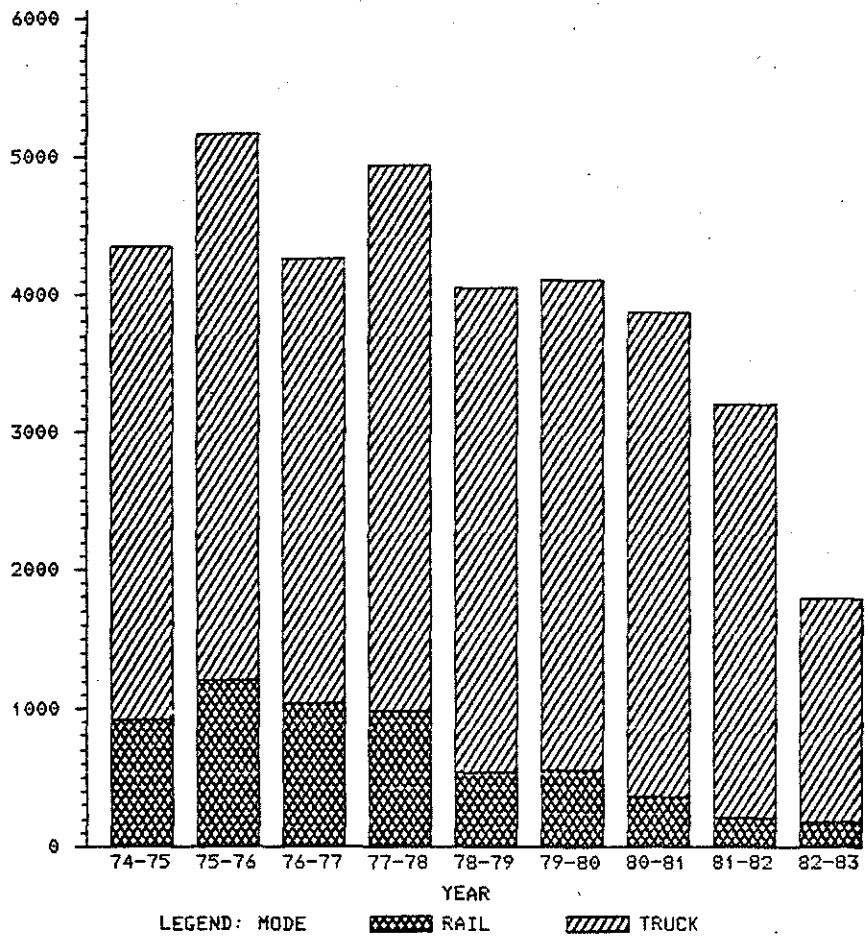
(thousand bu.)



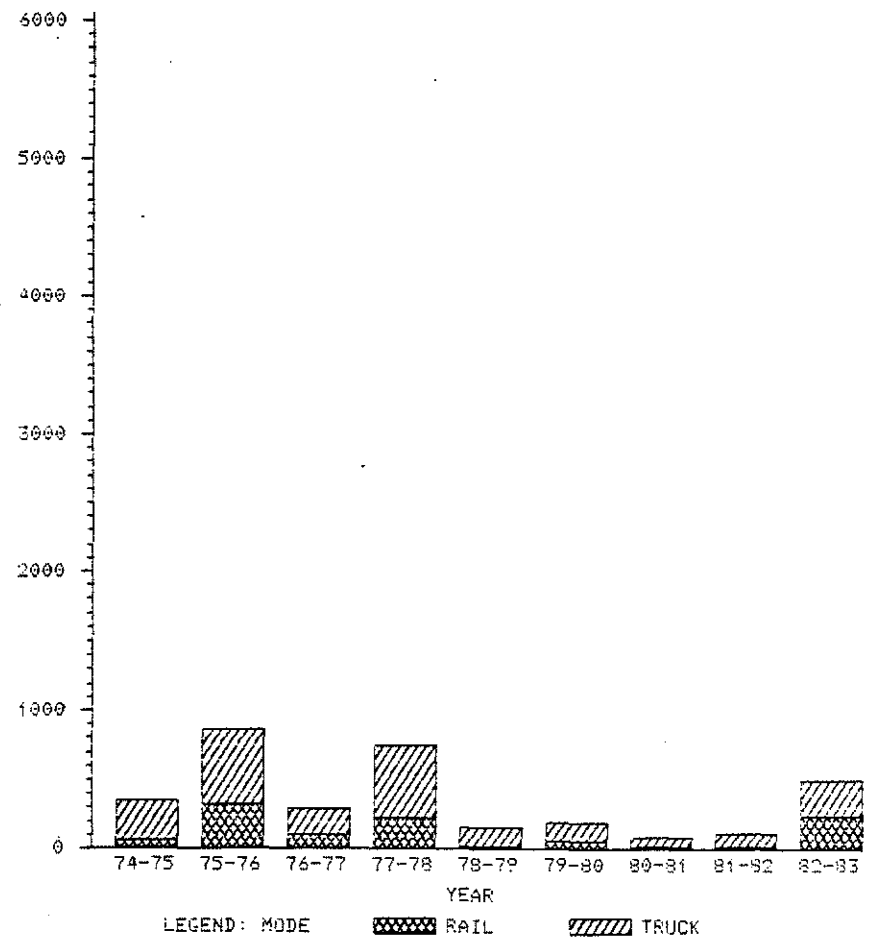
NORTH DAKOTA FLAXSEED SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	(thousand bu.)									
1975-76	1,213 (23%)	3,957 (77%)	317 (37%)	538 (63%)	0 (0%)	60 (100%)	31 (6%)	474 (94%)	1,561 (24%)	5,029 (76%)
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%)
3 Year Average	248 (8%)	2,718 (92%)	86 (37%)	149 (63%)	0 (0%)	9 (100%)	147 (14%)	877 (86%)	481 (11%)	3,753 (89%)

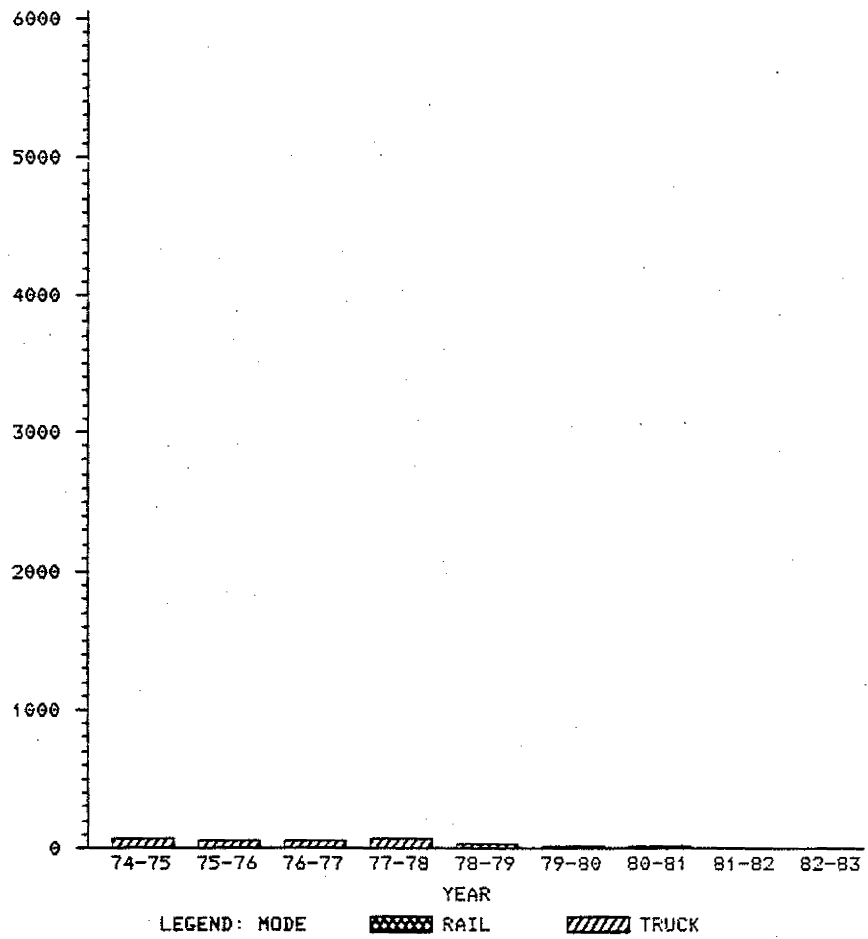
FLAX TO MSP BY MODE
(thousand bu.)



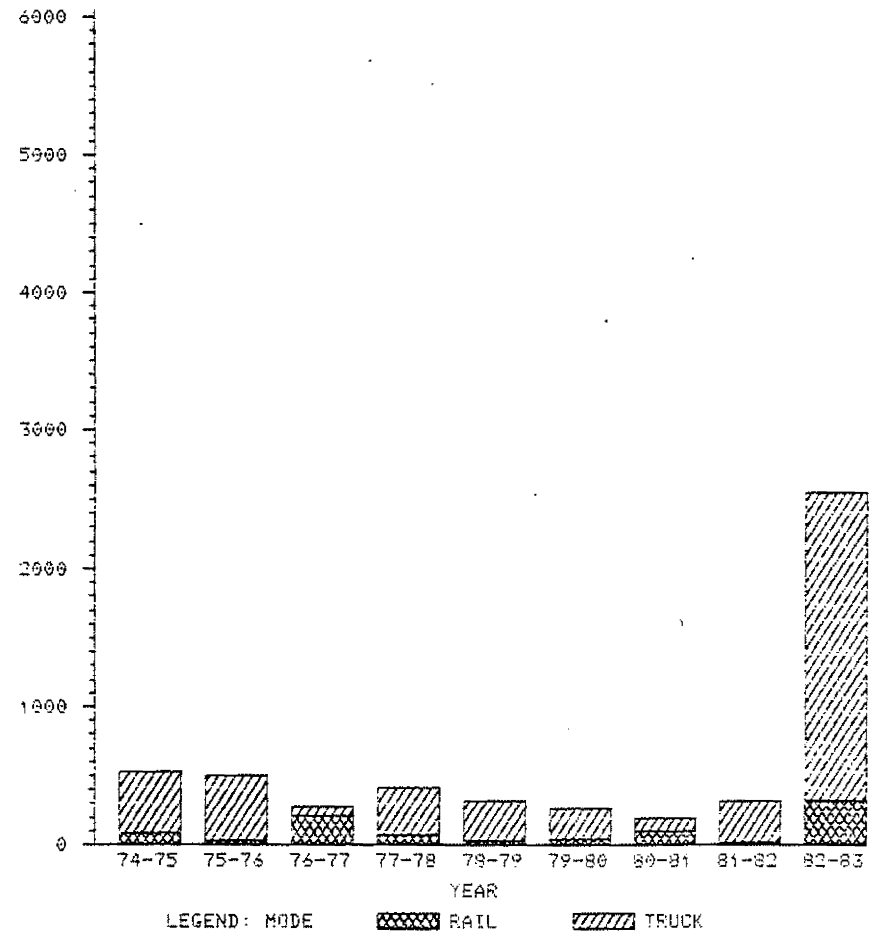
FLAX TO DS BY MODE
(thousand bu.)



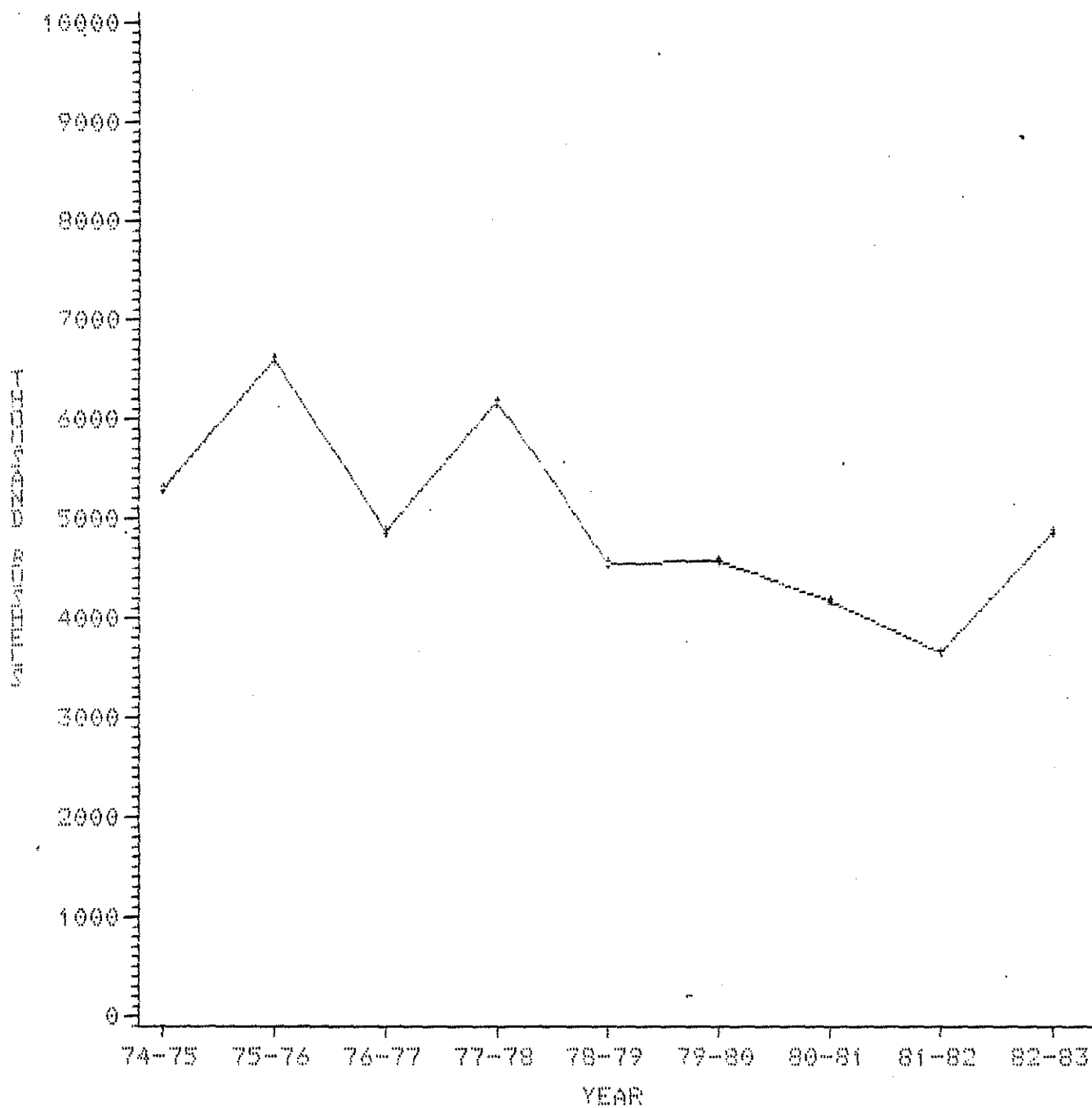
FLAX TO PNW BY MODE
(thousand bu.)



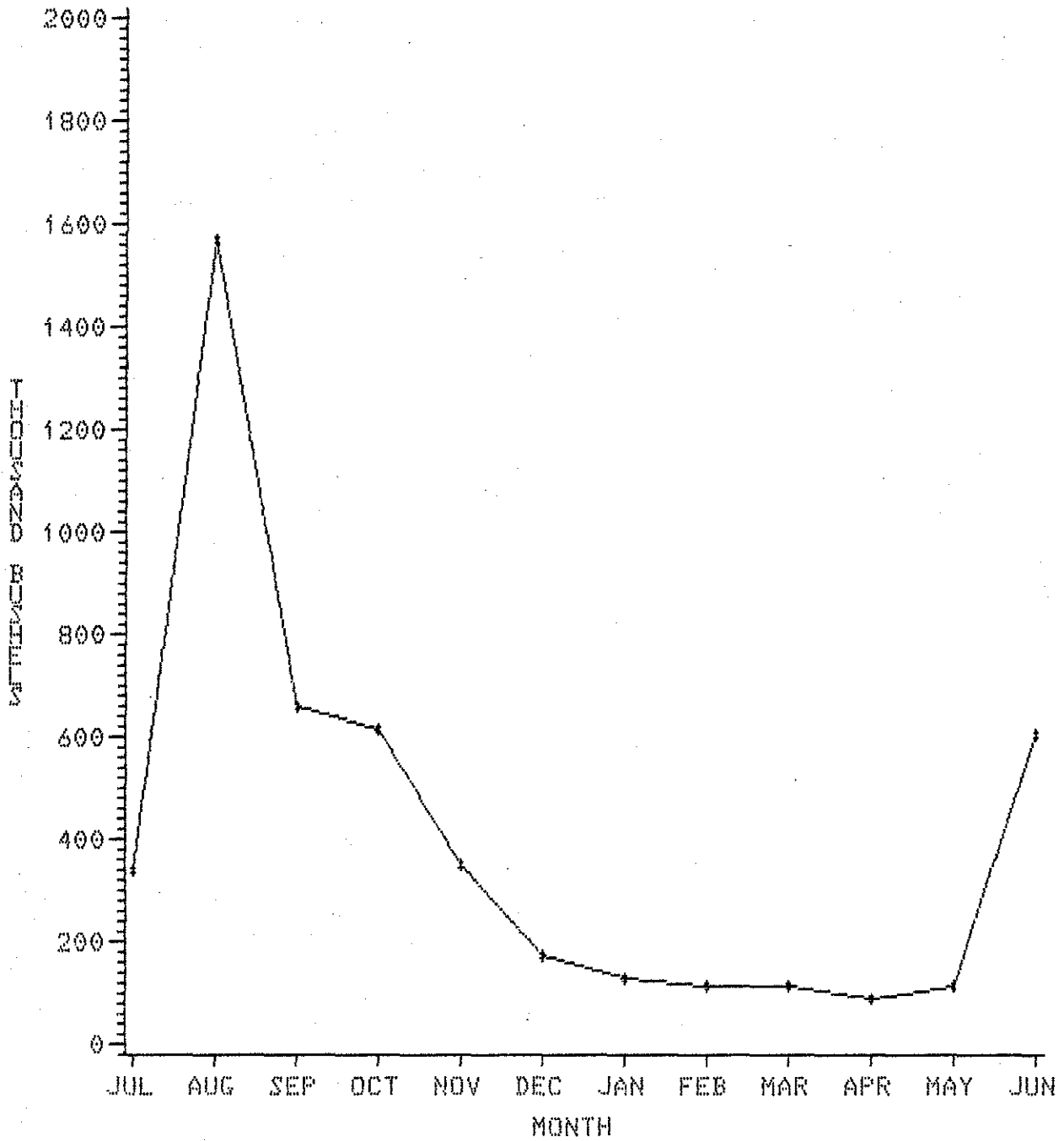
FLAX TO MISC BY MODE
(thousand bu.)



FLAX MOVEMENTS, ALL DEST, 1974-75 TO 1982-83



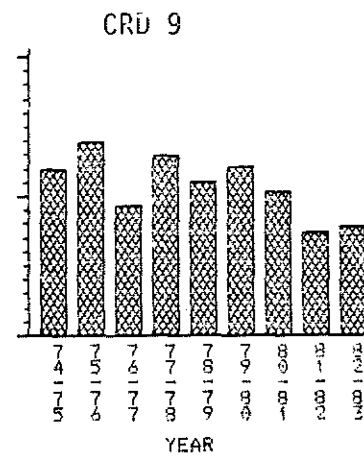
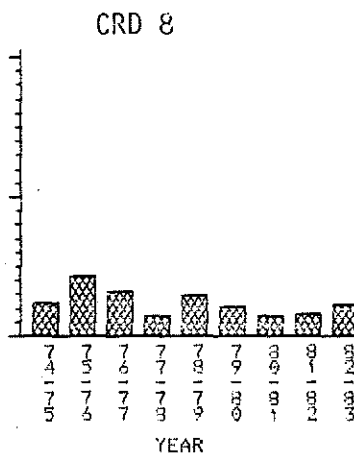
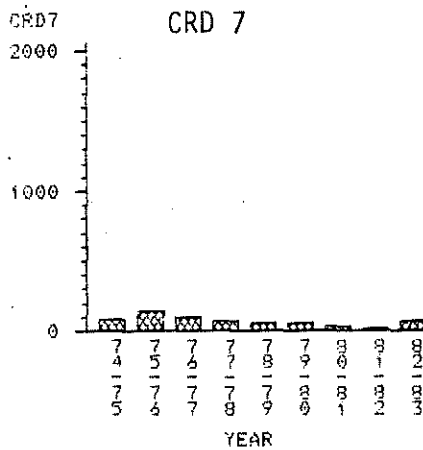
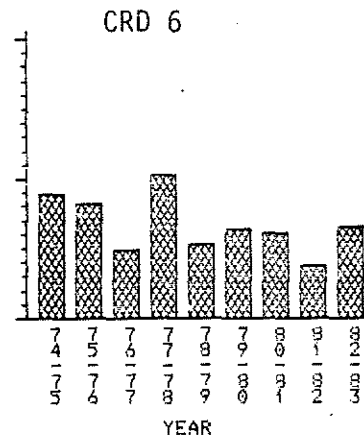
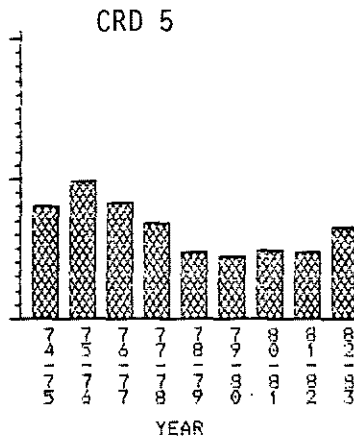
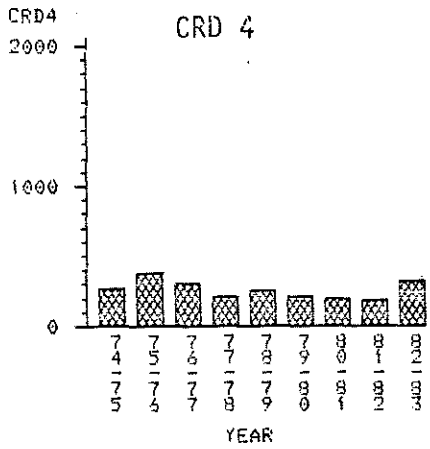
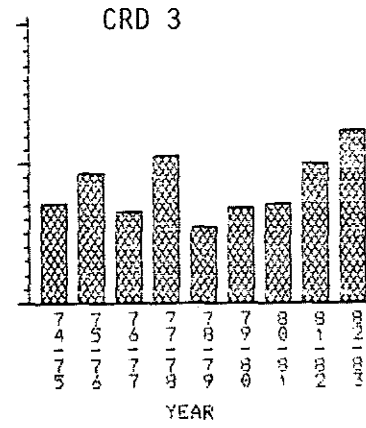
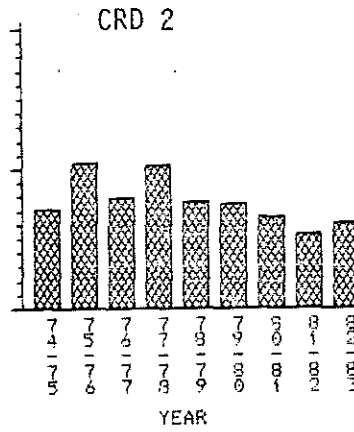
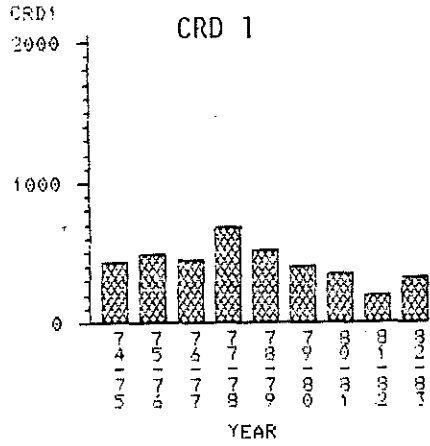
FLAX MOVEMENTS BY MONTH, 1982-83



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.)									
1975-76	487	1,047	929	371	986	819	135	424	1,393	6,591
1976-77	450	794	656	307	829	491	98	323	935	4,883
1977-78	678	1,022	1,054	203	679	1,024	74	145	1,295	6,174
1978-79	515	765	547	254	474	533	57	295	1,102	4,542
1979-80	398	752	682	207	438	641	59	203	1,202	4,582
1980-81	348	648	707	194	481	609	22	138	1,029	4,176
1981-82	195	530	996	178	475	377	14	147	731	3,644
1982-83	319	617	1,235	323	654	655	67	223	780	4,883
3 Year Average	287	598	979	232	537	547	34	169	847	4,234

FLAXSEED SHIPMENTS BY CRD (thousand bu.)

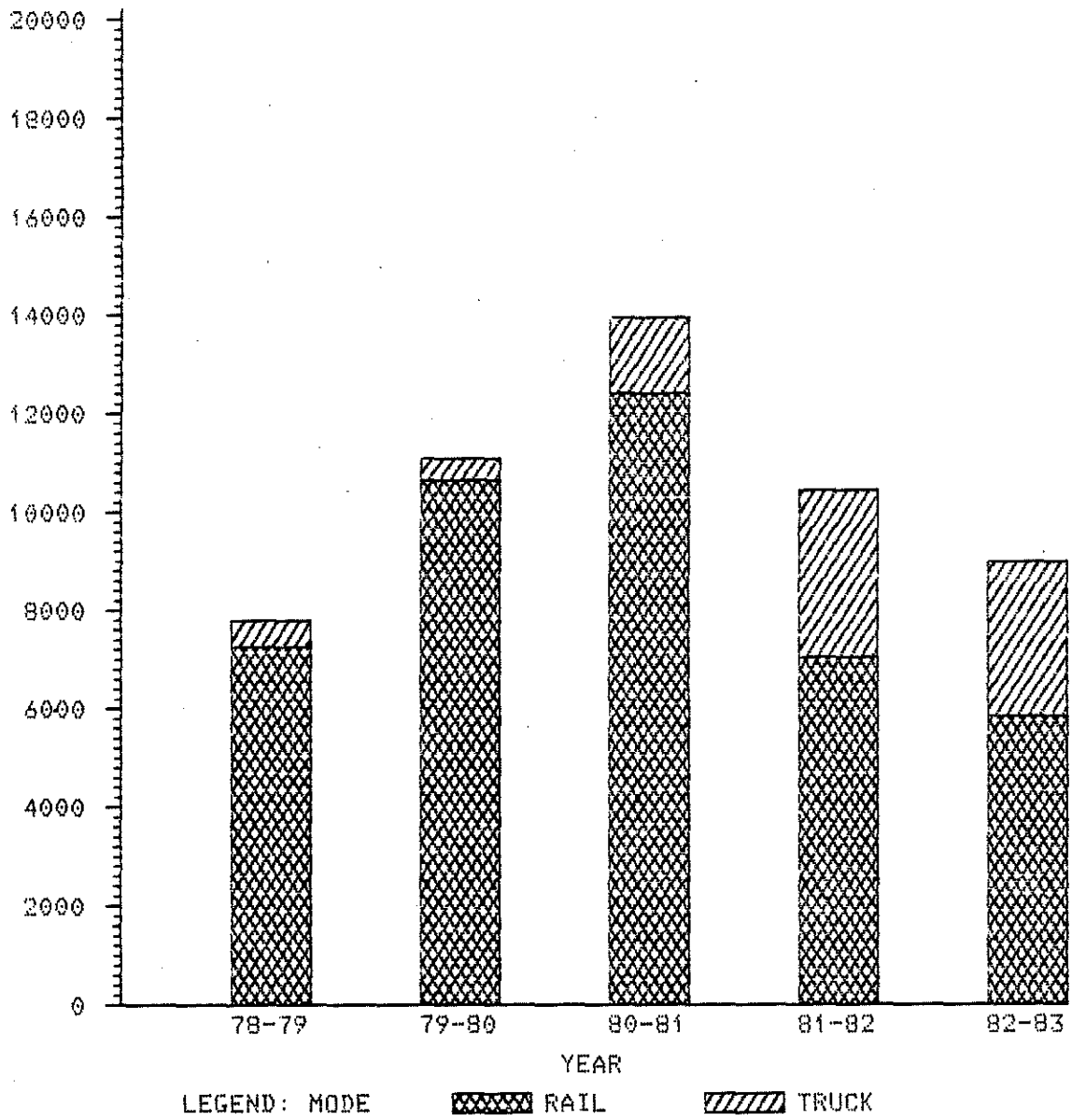


NORTH DAKOTA CORN SHIPMENTS
BY DESTINATION

YEAR	MINNEAPOLIS-ST. PAUL	DULUTH-SUPERIOR	WEST	MISC. MARKETS	TOTAL
	(thousand bu.)				
1975-76 ^a	0	0	0	0	0
1976-77 ^a	0	0	0	0	0
1977-78 ^a	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%)
3 Year Average	405 (3%)	249 (2%)	8,043 (69%)	2,956 (25%)	11,640 (100%)

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

CORN TO ALL BY MODE (thousand bu.)

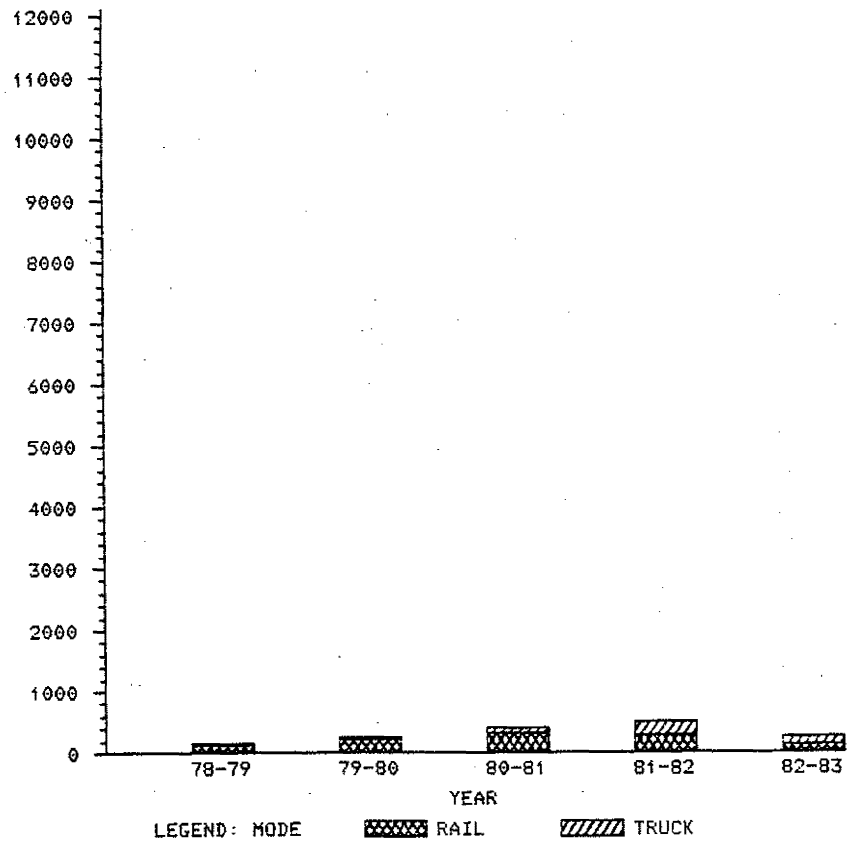


NORTH DAKOTA CORN SHIPMENTS BY RAIL AND TRUCK AND DESTINATION

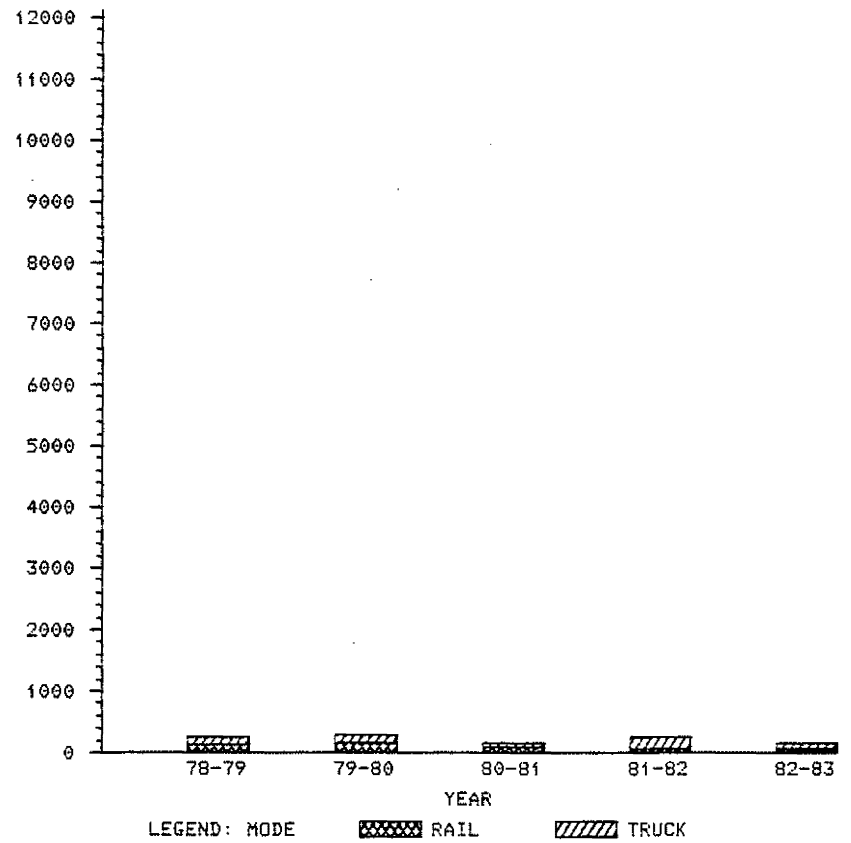
YEAR	MINNEAPOLIS-ST. PAUL		DULUTH-SUPERIOR		WEST		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	(thousand bu.)									
1975-76 ^a	0	0	0	0	0	0	0	0	0	0
1976-77 ^a	0	0	0	0	0	0	0	0	0	0
1977-78 ^a	0	0	0	0	0	0	0	0	0	0
1978-79	132 (84%)	25 (16%)	117 (45%)	142 (55%)	6,233 (98%)	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%)	11,220 (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%)
3 Year Average	252 (62%)	154 (38%)	123 (49%)	126 (51%)	7,478 (93%)	566 (7%)	934 (32%)	2,022 (68%)	8,773 (75%)	2,867 (25%)

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

CORN TO MSP BY MODE
(thousand bu.)

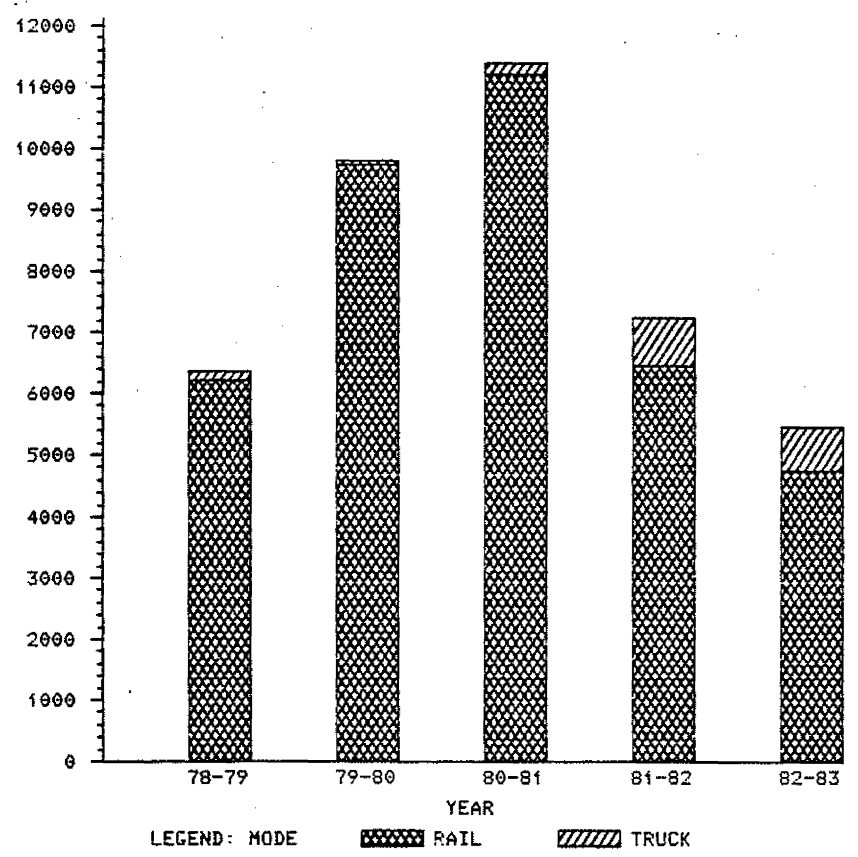


CORN TO DS BY MODE
(thousand bu.)

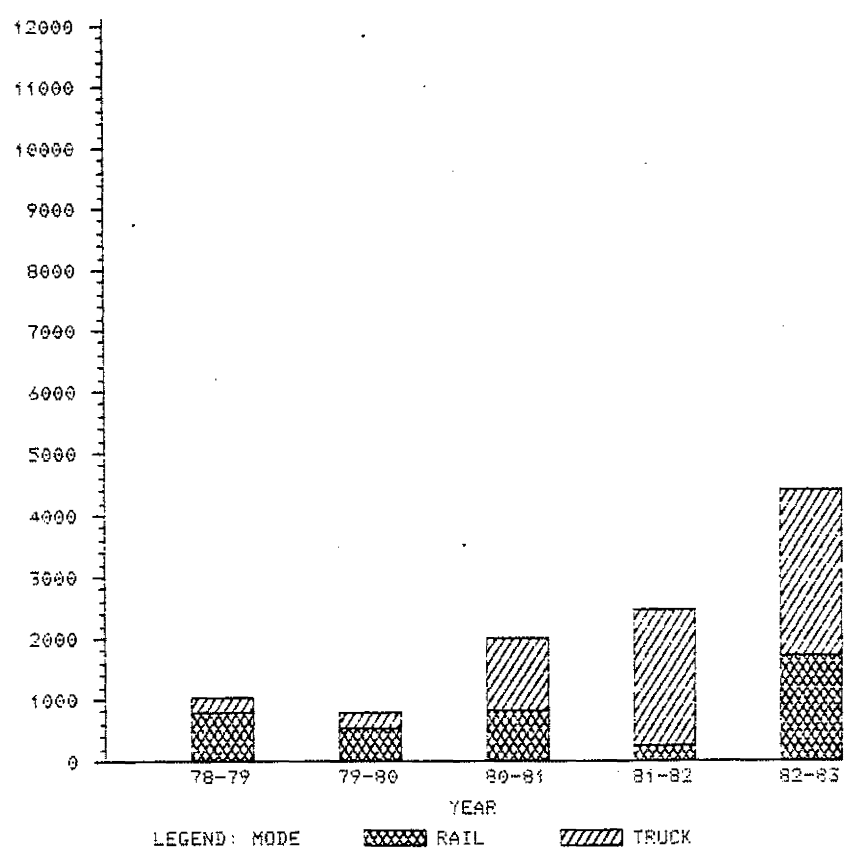


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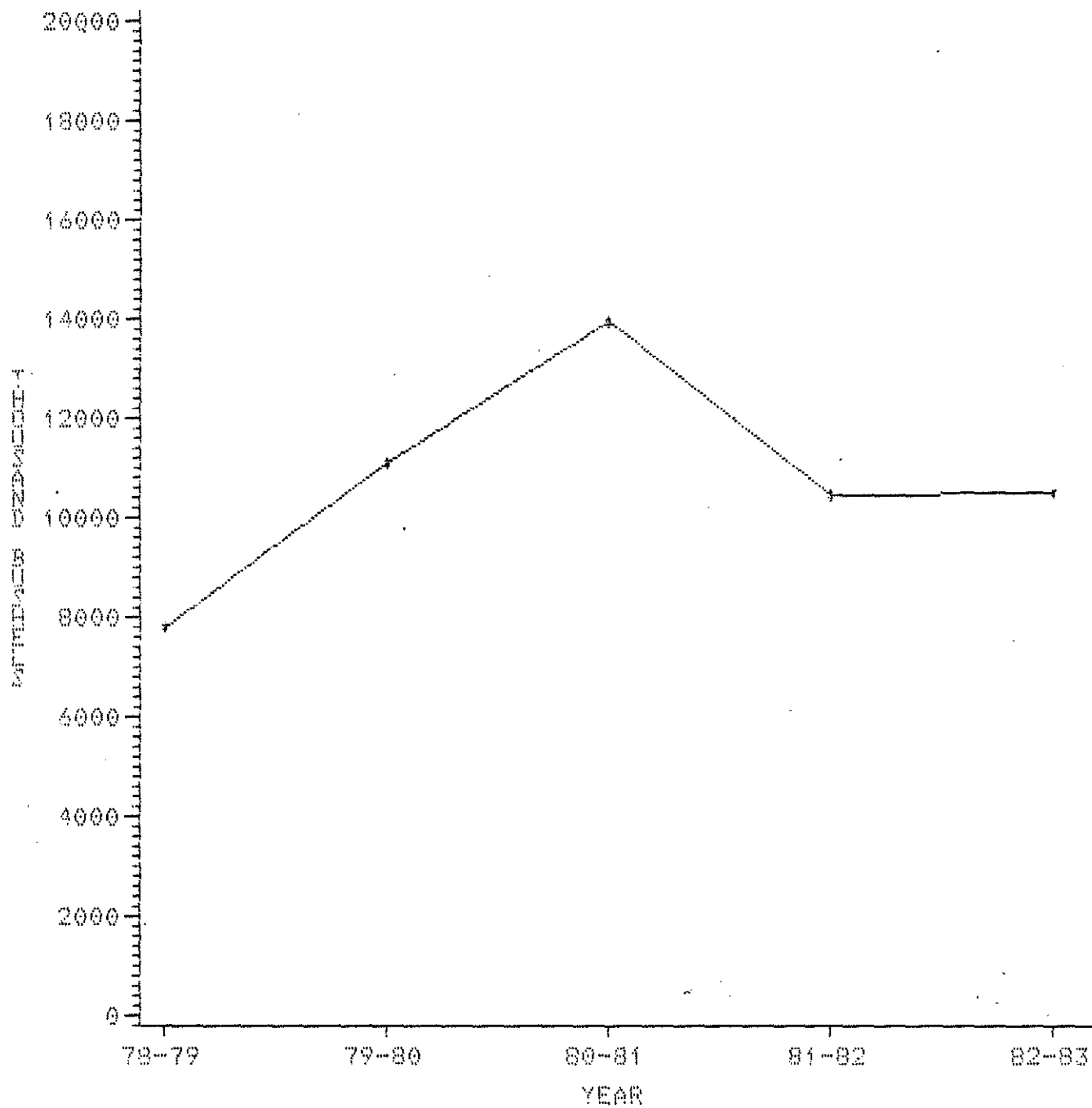
CORN TO PNW BY MODE (thousand bu.)



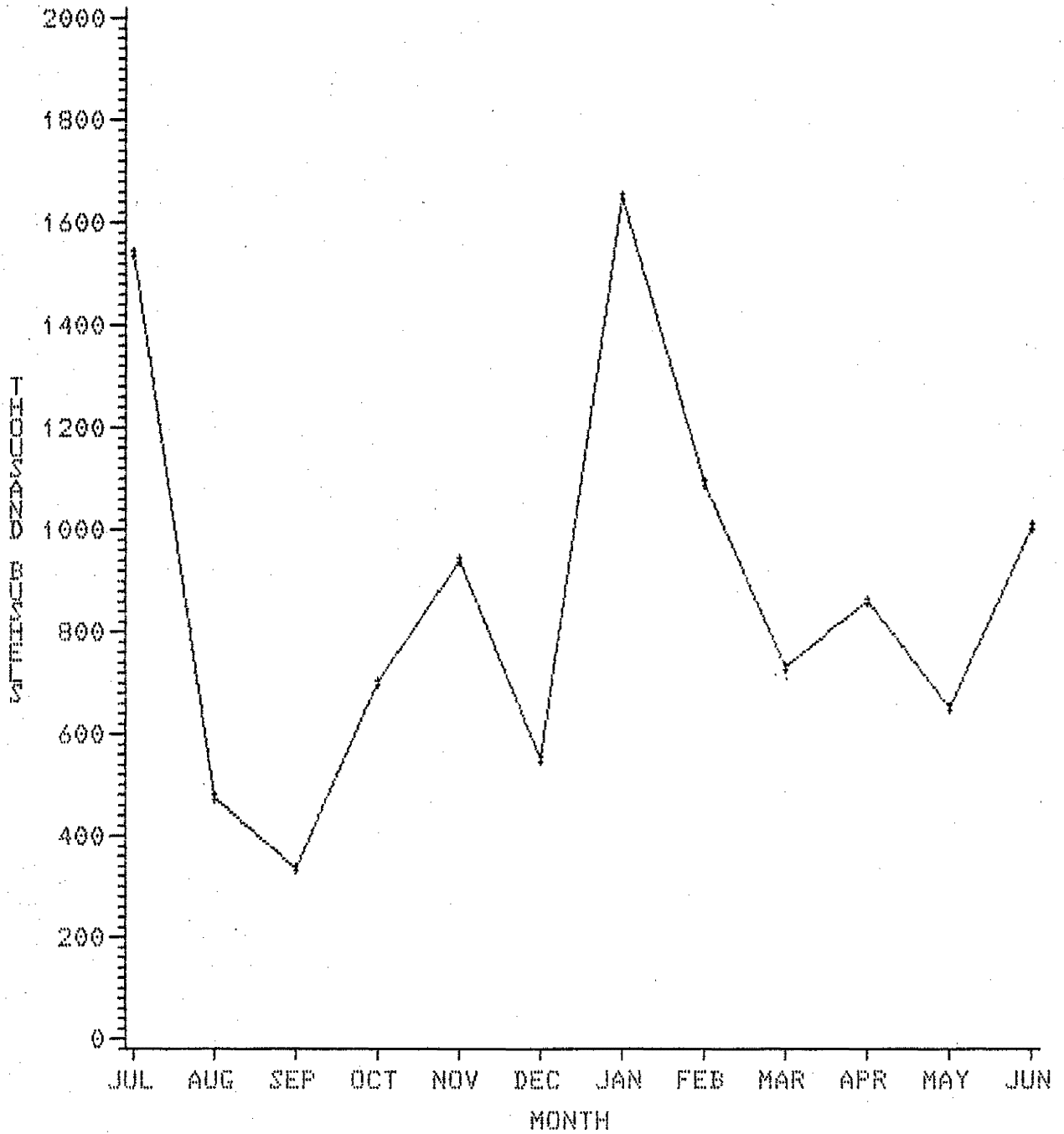
CORN TO MISC BY MODE (thousand bu.)



CORN MOVEMENTS, ALL DEST, 1978-79 TO 1982-83



CORN MOVEMENTS BY MONTH, 1982-83



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.)									
1975-76 ^a	0	0	0	0	0	0	0	0	0	0
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	0	0	424	0	64	1,388	0	3	5,929	7,808
1979-80	0	0	384	0	53	2,527	0	0	8,159	11,123
1980-81	2	0	382	0	88	2,329	0	0	11,141	13,942
1981-82	0	0	769	3	35	1,982	0	0	7,671	10,460
1982-83	121	6	791	33	137	3,132	5	0	6,293	10,518
3 Year Average	41	2	647	1	87	2,481	2	0	8,368	11,640

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

CORN SHIPMENTS BY CRD
(thousand bu.)

