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**THE  
UPPER  
GREAT PLAINS  
TRANSPORTATION  
INSTITUTE**

**North Dakota Grain and Oilseed  
Transportation Statistics  
1995-96**

Scott Andreson  
Bridget Baldwin  
Kimberly Vachal

UGPTI Publication No. 111  
September 1996

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Fargo, North Dakota

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# **North Dakota Grain and Oilseed Transportation Statistics 1995-96**

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**Bridget Baldwin**

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*in cooperation with*

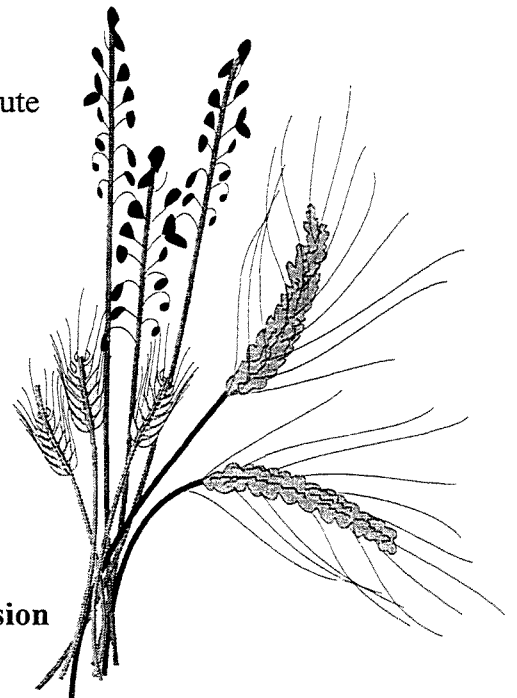
**North Dakota Wheat Commission**

**Bismarck, ND**

and

**North Dakota Public Service Commission**

**Bismarck, ND**



*With special thanks to the North Dakota grain elevator industry who provide these data monthly.*



## Preface

The 1995-96 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Scott Andreson, Bridget Baldwin and Kimberly Vachal, Upper Great Plains Transportation Institute. The authors gratefully acknowledge the desktop publishing assistance of Bev Trittin in constructing this report.

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 Reports 15, 17, 44, 56, and 86 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 sample of country elevators.

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# NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS 1995-96

## *Objective of Report*

This report represents a continuation of analysis 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 objectives of this report, like prior reports, is to provide the necessary database for identifying trends in the distribution of grain and oilseeds from North Dakota.

## *Scope of Report*

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

- ◆ **Destination:** Minneapolis-St. Paul, Duluth-Superior, West (ID, OR, WA), and miscellaneous markets. Miscellaneous markets consist of Other Minnesota/Wisconsin, Midland/Southwest States (AR, AZ, CA, CO, IA, KS, LA, MO, MT, NE, NM, NV, OK, SD, TX, and WY), North Dakota and other destinations.
- ◆ **Mode:** Rail or truck. Rail includes Commodity Credit Corporation shipments.
- ◆ **Origin:** The nine crop reporting districts in North Dakota (Figure 1).
- ◆ **Time:** By month, from July 1995 to June 1996, and previous years.
- ◆ **Commodity:** Hard red spring wheat, durum, barley, sunflower, oats, soybeans, flax and corn.

## *Source of Data*

The data used to analyze North Dakota grain distribution patterns for the period July 1995 through June 1996 were obtained from all country elevators in North Dakota. The data source is the North Dakota Public Service Commission's "Grain Movement Report." Every country elevator in North Dakota is required under state statute to assemble and submit a "Grain Movement Report" to the Public Service Commission on a monthly basis.

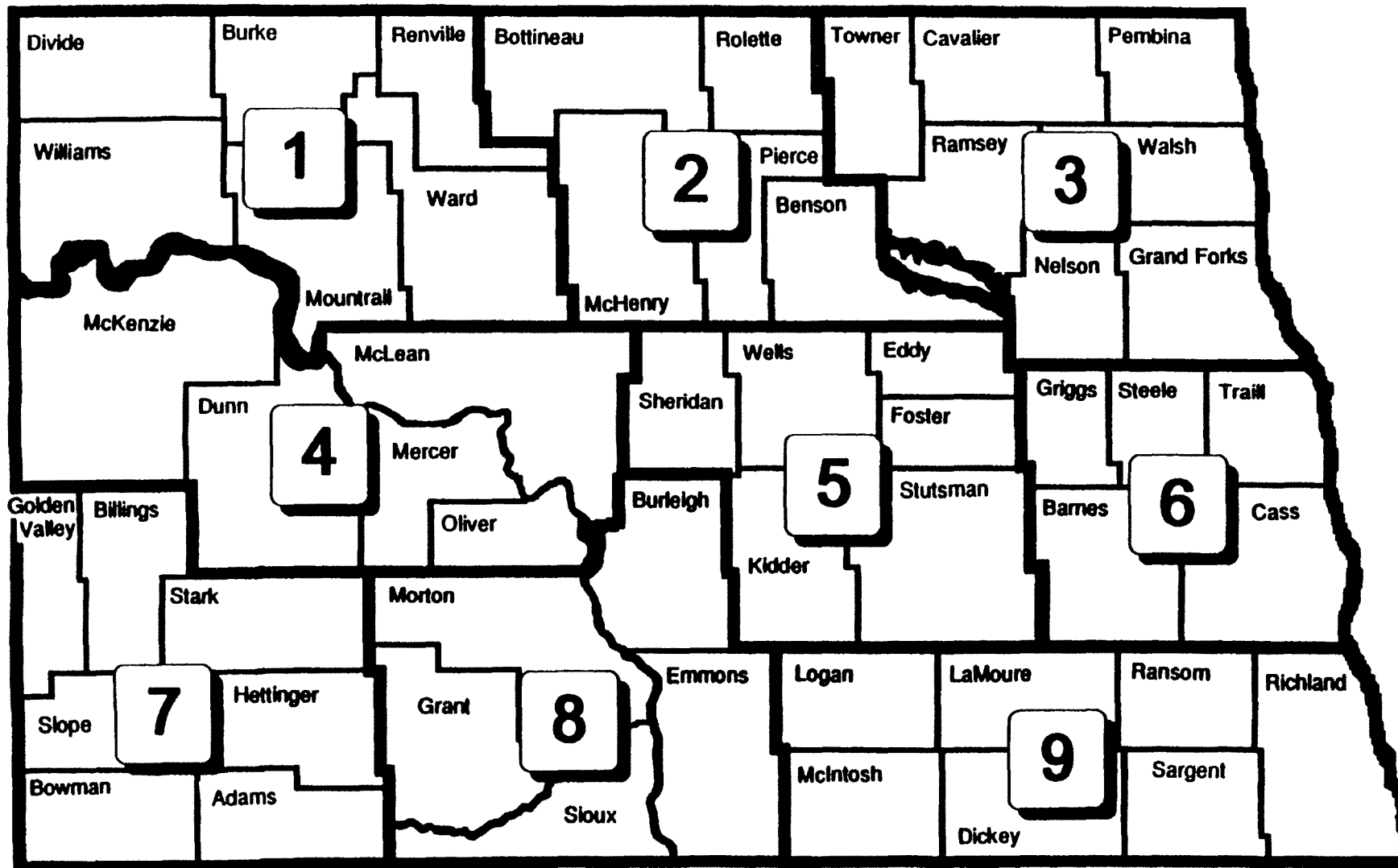
## *Organization of the Remainder of the Report*

The same general commodity flow characteristics are considered in this report as in previous years' reports. Flow patterns for each type of grain are described in separate sections in the following order: (1) Total Grain and Oilseed Shipments, (2) Hard Red Spring Wheat, (3) Durum, (4) Barley, (5) Sunflower, (6) Oats, (7) Soybeans, (8) Flax, and (9) Corn.

Some small inconsistencies in totals may be noted when comparing tables and graphs due to rounding error.

**1995-96 totals are preliminary, representing 99 percent of the required reports.**





North Dakota Crop Reporting Districts and Counties

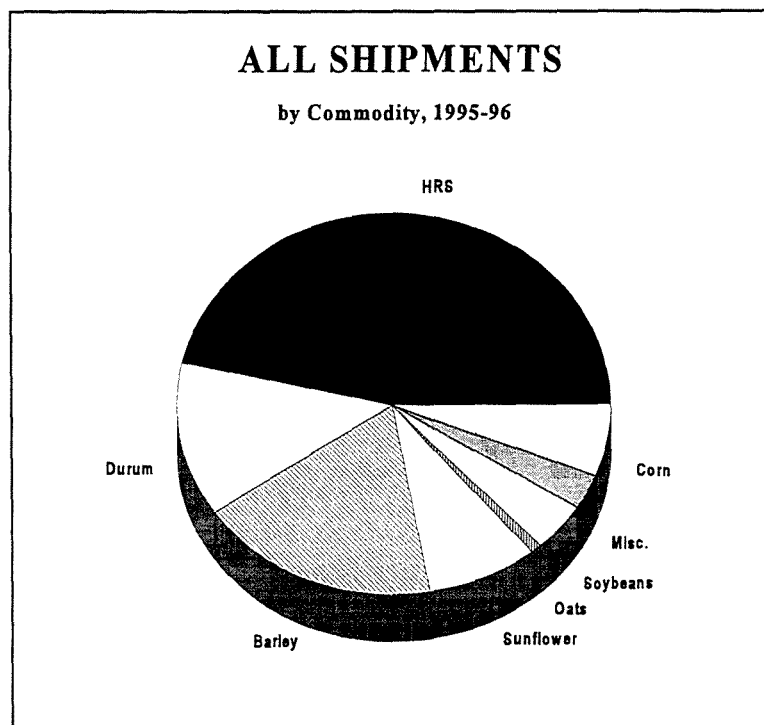


***TOTAL  
GRAIN & OILSEED  
SHIPMENTS***



**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS**  
**1986-87 to 1995-96**  
(thousand bu.)

YEAR	HRS	Durum	Barley	Sunflower	Oats	Soybeans	Flax	Misc.	Corn	TOTAL
1986-87	193,962 (34%)	104,968 (18%)	146,342 (26%)	61,067 (11%)	9,387 (2%)	9,990 (2%)	6,666 (1%)	12,500 (2%)	26,437 (5%)	571,319 (100%)
1987-88	187,835 (36%)	77,395 (15%)	104,399 (20%)	63,418 (12%)	15,577 (3%)	18,415 (4%)	6,110 (1%)	14,263 (3%)	30,426 (6%)	517,838 (100%)
1988-89	135,640 (36%)	43,906 (12%)	92,715 (25%)	39,056 (10%)	4,297 (1%)	12,160 (3%)	2,013 (1%)	13,243 (4%)	29,344 (8%)	372,376 (100%)
1989-90	192,485 (40%)	72,003 (15%)	112,256 (23%)	32,174 (7%)	5,015 (1%)	14,015 (3%)	1,077 (1%)	14,632 (3%)	34,764 (7%)	478,421 (100%)
1990-91	191,072 (38%)	78,309 (15%)	114,046 (23%)	37,086 (7%)	5,601 (1%)	10,185 (2%)	2,258 (0%)	39,229 (8%)	28,434 (6%)	506,220 (100%)
1991-92	261,169 (43%)	83,827 (14%)	124,755 (20%)	57,364 (9%)	7,601 (1%)	16,464 (3%)	4,058 (1%)	21,047 (3%)	36,084 (6%)	612,376 (100%)
1992-93	344,261 (49%)	88,080 (12%)	131,139 (19%)	66,965 (10%)	13,272 (2%)	15,528 (2%)	3,621 (1%)	12,257 (2%)	18,054 (3%)	704,083 (100%)
1993-94	252,566 (49%)	82,921 (16%)	109,935 (21%)	26,017 (5%)	11,427 (2%)	9,815 (2%)	2,200 (1%)	12,429 (2%)	8,047 (2%)	515,357 (100%)
1994-95	223,886 (43%)	69,562 (13%)	120,251 (23%)	49,921 (10%)	10,262 (2%)	14,594 (3%)	2,270 (0)	18,088 (3%)	24,398 (5%)	533,233 (100%)
1995-96	255,904 (46%)	69,903 (13%)	100,878 (18%)	41,528 (8%)	7,461 (1%)	20,663 (4%)	1,571 (0)	18,216 (3%)	35,444 (6%)	551,568 (100%)



**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS  
BY DESTINATION  
1986-87 to 1995-96  
(thousand bu.)**

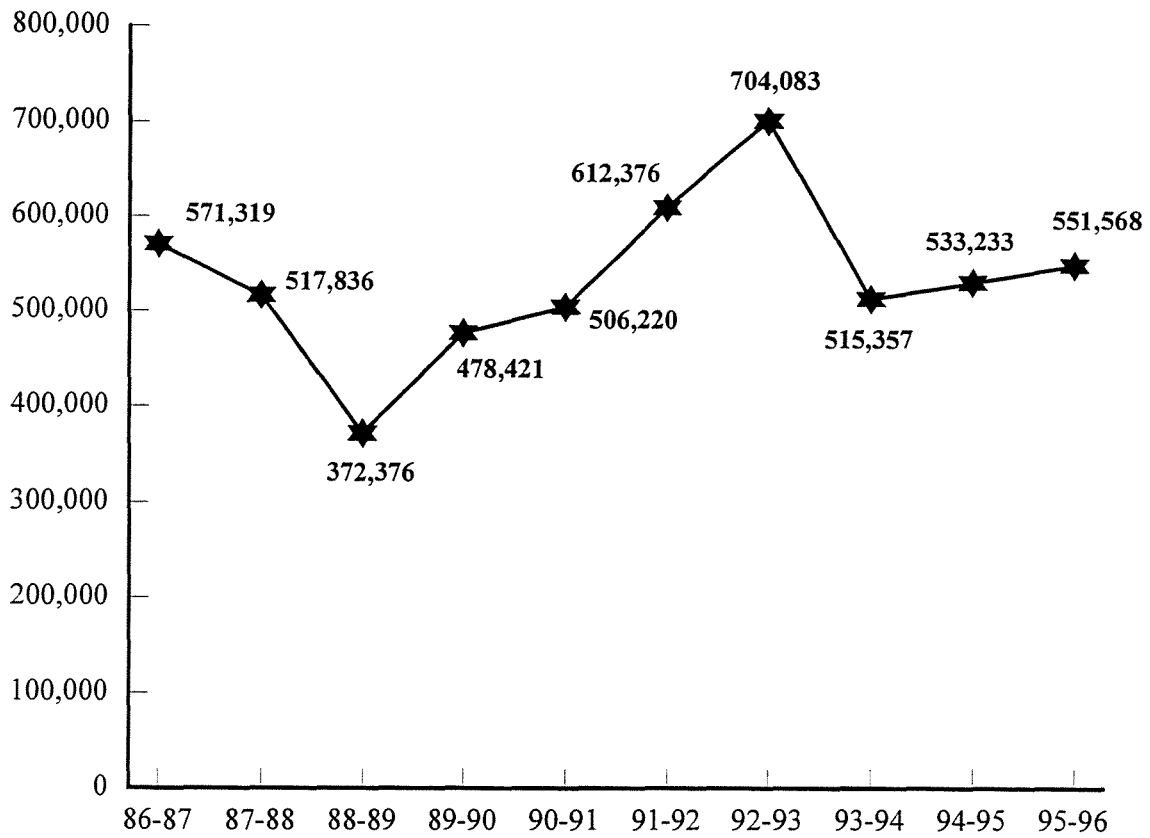
<b>YEAR</b>	<b>Minneapolis- St. Paul</b>	<b>Duluth- Superior</b>	<b>West</b>	<b>North Dakota</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>121,620</b> (21%)	<b>119,016</b> (21%)	<b>92,923</b> (16%)	<b>66,874</b> (12%)	<b>170,887</b> (33%)	<b>571,319</b> (100%)
<b>1987-88</b>	<b>124,984</b> (24%)	<b>92,320</b> (18%)	<b>64,727</b> (12%)	<b>64,982</b> (13%)	<b>170,823</b> (33%)	<b>517,836</b> (100%)
<b>1988-89</b>	<b>85,561</b> (23%)	<b>50,767</b> (14%)	<b>67,862</b> (18%)	<b>50,854</b> (14%)	<b>117,333</b> (31%)	<b>372,376</b> (100%)
<b>1989-90</b>	<b>107,958</b> (22%)	<b>85,112</b> (18%)	<b>67,347</b> (14%)	<b>54,110</b> (11%)	<b>163,894</b> (35%)	<b>478,421</b> (100%)
<b>1990-91</b>	<b>114,712</b> (23%)	<b>80,740</b> (16%)	<b>77,311</b> (15%)	<b>61,987</b> (12%)	<b>171,470</b> (34%)	<b>506,220</b> (100%)
<b>1991-92</b>	<b>134,437</b> (22%)	<b>73,029</b> (12%)	<b>75,720</b> (12%)	<b>74,695</b> (12%)	<b>254,491</b> (42%)	<b>612,376</b> (100%)
<b>1992-93</b>	<b>145,713</b> (21%)	<b>82,087</b> (12%)	<b>95,005</b> (13%)	<b>89,780</b> (13%)	<b>291,497</b> (41%)	<b>704,083</b> (100%)
<b>1993-94</b>	<b>122,774</b> (24%)	<b>65,572</b> (13%)	<b>82,292</b> (16%)	<b>53,760</b> (10%)	<b>189,762</b> (37%)	<b>515,357</b> (100%)
<b>1994-95</b>	<b>135,193</b> (25%)	<b>62,920</b> (13%)	<b>82,823</b> (15%)	<b>77,563</b> (15%)	<b>226,105</b> (32%)	<b>533,233</b> (100%)
<b>1995-96</b>	<b>137,731</b> (25%)	<b>45,114</b> (8%)	<b>102,804</b> (19%)	<b>74,815</b> (14%)	<b>189,502</b> (34%)	<b>551,568</b> (100%)

Miscellaneous markets include shipments to Midland/Southwest destinations, other Minnesota/Wisconsin destinations, and all other markets.

# ALL COMMODITY SHIPMENTS

1986-87 to 1995-96

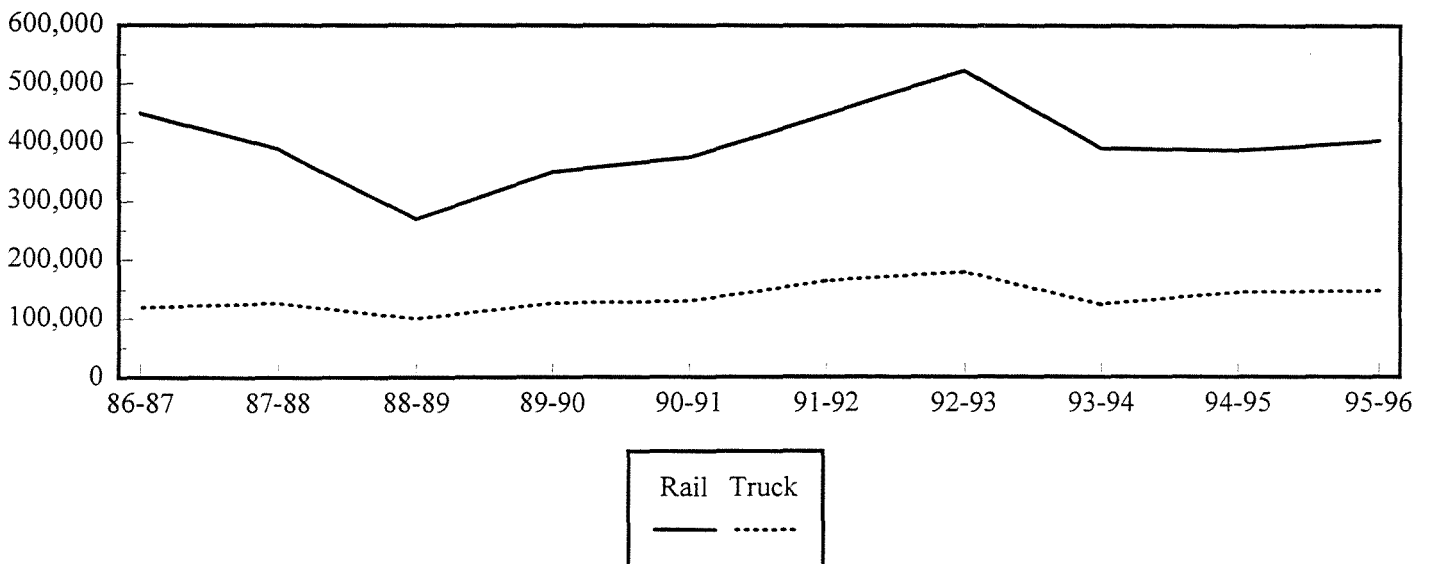
thousand bushels



# ALL COMMODITY SHIPMENTS

1986-87 to 1995-96

thousand bushels



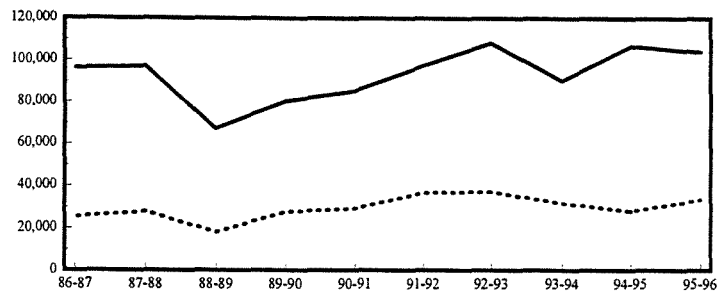
**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	Minneapolis-St. Paul		Duluth-Superior		West		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	96,166 (79%)	25,454 (21%)	101,009 (85%)	18,008 (15%)	87,738 (94%)	5,185 (6%)	165,655 (70%)	72,105 (30%)	450,569 (79%)	120,750 (21%)
1987-88	97,285 (78%)	27,699 (22%)	72,835 (79%)	19,485 (21%)	59,834 (92%)	4,893 (8%)	160,318 (68%)	75,487 (32%)	390,272 (75%)	127,564 (25%)
1988-89	67,358 (79%)	18,203 (21%)	37,044 (73%)	13,723 (27%)	62,570 (92%)	5,291 (8%)	103,988 (62%)	64,199 (38%)	270,961 (73%)	101,416 (27%)
1989-90	80,412 (74%)	27,546 (26%)	59,256 (70%)	25,857 (30%)	62,826 (93%)	4,520 (7%)	148,839 (68%)	69,165 (32%)	351,333 (73%)	127,088 (27%)
1990-91	85,295 (74%)	29,416 (26%)	55,844 (69%)	24,896 (31%)	74,543 (96%)	2,768 (4%)	160,029 (69%)	73,430 (31%)	375,712 (74%)	130,510 (26%)
1991-92	97,591 (73%)	36,846 (27%)	46,537 (64%)	26,492 (36%)	72,253 (95%)	3,466 (5%)	231,055 (70%)	98,129 (30%)	447,439 (73%)	164,937 (27%)
1992-93	108,441 (74%)	37,272 (26%)	59,021 (72%)	23,067 (28%)	90,912 (96%)	4,093 (4%)	265,465 (70%)	115,813 (30%)	523,839 (74%)	180,244 (26%)
1993-94	90,920 (74%)	31,854 (26%)	45,243 (69%)	20,330 (31%)	79,660 (97%)	2,632 (3%)	174,906 (72%)	68,616 (28%)	390,885 (76%)	124,472 (24%)
1994-95	107,058 (79%)	28,135 (21%)	43,896 (70%)	19,023 (30%)	79,837 (96%)	2,986 (4%)	156,650 (62%)	94,214 (38%)	387,618 (73%)	145,615 (27%)
1995-96	104,179 (75%)	33,552 (25%)	30,944 (68%)	14,170 (32%)	99,562 (96%)	3,242 (4%)	168,690 (63%)	95,625 (37%)	403,532 (73%)	148,036 (27%)

### ALL SHIPMENTS TO MINNEAPOLIS

1986-87 to 1995-96

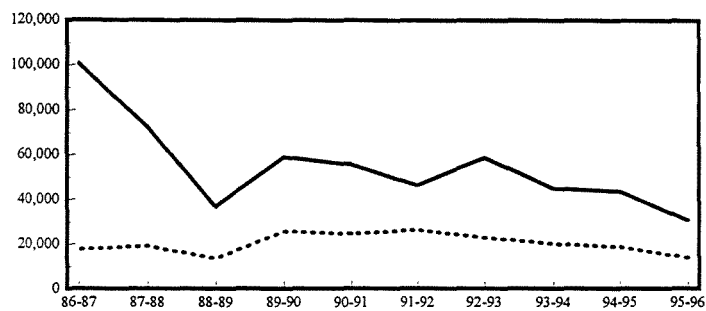
thousand bushels



### ALL SHIPMENTS TO DULUTH-SUPERIOR

1986-87 to 1995-96

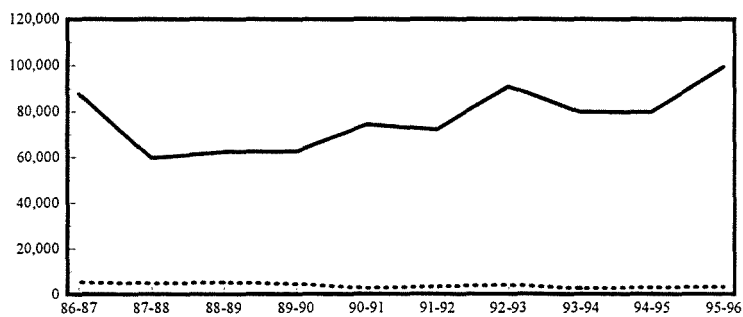
thousand bushels



### ALL SHIPMENTS TO WEST

1986-87 to 1995-96

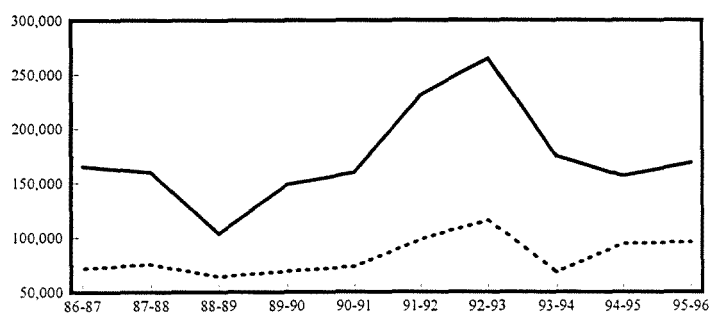
thousand bushels



### ALL SHIPMENTS TO MISCELLANEOUS MARKETS

1986-87 to 1995-96

thousand bushels

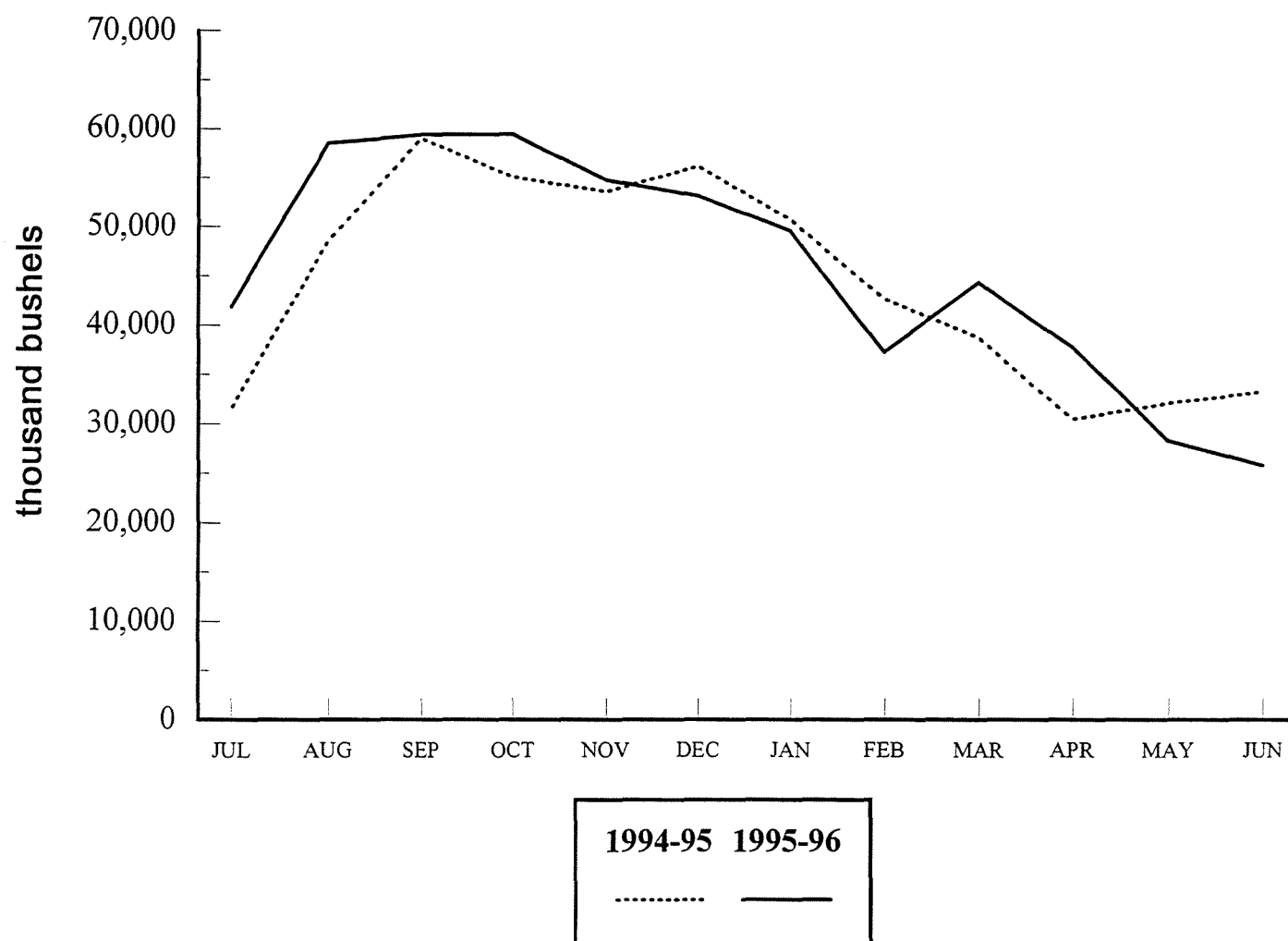


**NORTH DAKOTA GRAIN AND OILSEED MOVEMENTS  
BY MONTH  
July 1995 - June 1996  
(thousand bu.)**

<b>MONTH</b>	<b>HRS</b>	<b>Durum</b>	<b>Soyb</b>	<b>Flax</b>	<b>Barley</b>	<b>Oats</b>	<b>Corn</b>	<b>SF</b>	<b>Misc.</b>	<b>TOTAL</b>
<b>July</b>	22,298	4,248	1,366	68	6,567	593	1,902	3,928	895	31,577
<b>August</b>	28,510	4,164	1,880	106	13,930	2,046	3,426	3,092	1,425	48,635
<b>September</b>	28,745	9,327	1,096	403	12,975	1,379	1,923	1,471	2,168	59,118
<b>October</b>	22,336	8,432	3,049	467	9,987	902	3,642	8,350	2,403	55,195
<b>November</b>	22,224	9,022	1,788	125	10,351	428	3,254	6,107	1,625	53,743
<b>December</b>	25,071	7,372	2,719	56	9,317	413	2,532	4,563	1,250	56,346
<b>January</b>	23,683	5,843	1,454	56	9,153	322	4,379	3,243	1,593	50,871
<b>February</b>	17,360	4,422	1,709	66	6,333	301	3,081	2,732	1,380	42,374
<b>March</b>	21,366	5,874	1,688	75	6,970	337	3,976	3,097	1,119	38,399
<b>April</b>	17,553	5,052	1,113	43	6,280	293	4,301	2,125	1,174	29,623
<b>May</b>	14,151	3,539	1,682	81	4,959	279	1,304	1,308	1,105	31,352
<b>June</b>	12,607	2,608	1,117	24	4,055	168	1,723	1,510	2,075	31,886
<b>TOTAL</b>	<b>225,904</b>	<b>69,903</b>	<b>20,663</b>	<b>1,571</b>	<b>100,878</b>	<b>7,461</b>	<b>35,444</b>	<b>41,528</b>	<b>18,216</b>	<b>529,120</b>

# ALL COMMODITY SHIPMENTS

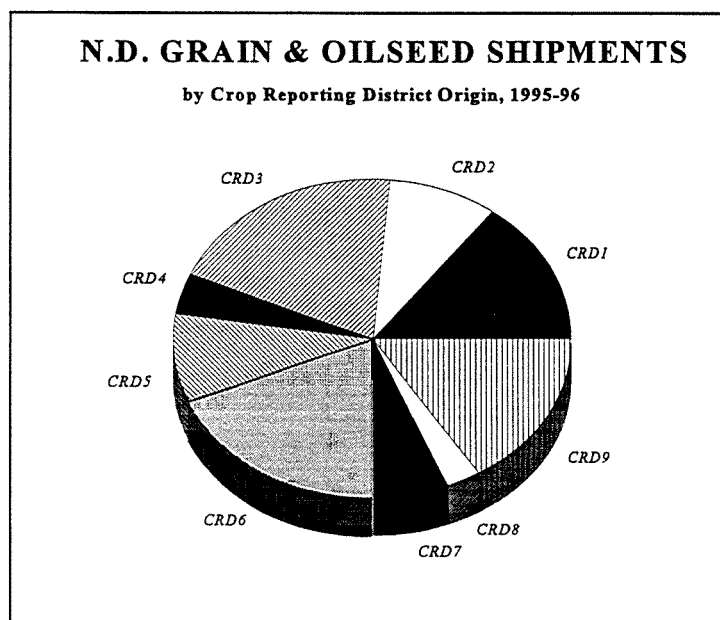
By Month, 1994-95 and 1995-96





**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN  
1986-87 to 1995-96  
(thousand bu.)**

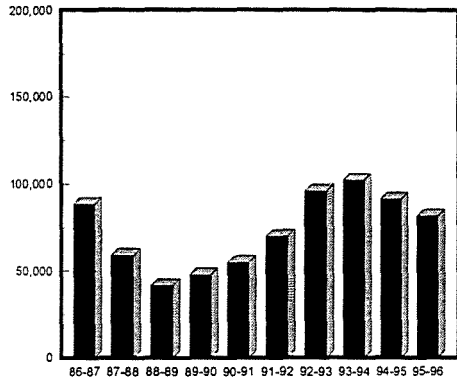
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	88,714 (16%)	53,092 (9%)	123,222 (22%)	23,220 (4%)	59,899 (10%)	100,863 (18%)	29,473 (5%)	14,906 (3%)	77,929 (14%)	571,319 (100%)
1987-88	59,183 (11%)	32,984 (6%)	131,537 (25%)	16,035 (3%)	50,741 (10%)	104,169 (20%)	27,701 (5%)	14,721 (3%)	80,764 (16%)	517,835 (100%)
1988-89	41,877 (11%)	23,012 (6%)	91,616 (25%)	8,148 (2%)	34,629 (9%)	88,380 (24%)	16,943 (5%)	6,565 (2%)	61,205 (16%)	372,376 (100%)
1989-90	47,958 (10%)	35,000 (7%)	124,101 (26%)	10,596 (2%)	35,032 (7%)	109,025 (23%)	22,581 (5%)	6,830 (2%)	87,298 (18%)	478,421 (100%)
1990-91	55,109 (11%)	41,253 (8%)	117,055 (23%)	13,028 (3%)	41,778 (8%)	118,104 (23%)	15,336 (3%)	6,649 (1%)	97,908 (19%)	506,220 (100%)
1991-92	69,889 (11%)	49,595 (8%)	151,523 (25%)	15,580 (3%)	58,815 (10%)	130,741 (21%)	24,399 (4%)	12,668 (2%)	99,162 (16%)	612,376 (100%)
1992-93	96,075 (14%)	55,530 (8%)	181,745 (26%)	20,567 (3%)	71,819 (10%)	132,408 (19%)	32,897 (4%)	15,456 (2%)	97,586 (14%)	704,083 (100%)
1993-94	102,070 (20%)	53,508 (10%)	95,577 (18%)	19,843 (4%)	51,371 (10%)	83,238 (16%)	34,431 (7%)	13,665 (3%)	61,662 (12%)	515,357 (100%)
1994-95	91,367 (17%)	49,478 (9%)	100,348 (19%)	19,720 (3%)	48,491 (9%)	98,499 (18%)	27,633 (5%)	12,594 (2%)	84,602 (16%)	533,233 (100%)
1995-96	81,568 (15%)	48,674 (9%)	110,753 (20%)	19,953 (4%)	50,142 (9%)	103,635 (19%)	32,860 (6%)	14,619 (3%)	89,363 (16%)	551,568 (100%)



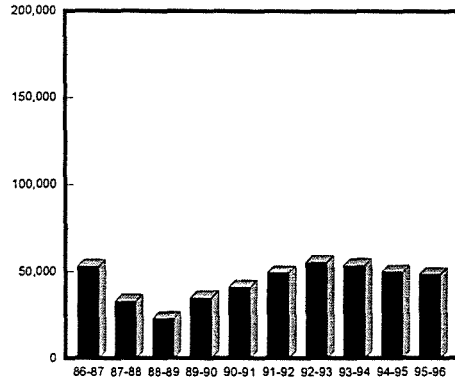
# ALL GRAIN AND OILSEED SHIPMENTS BY CROP REPORTING DISTRICT

(thousand bushels)

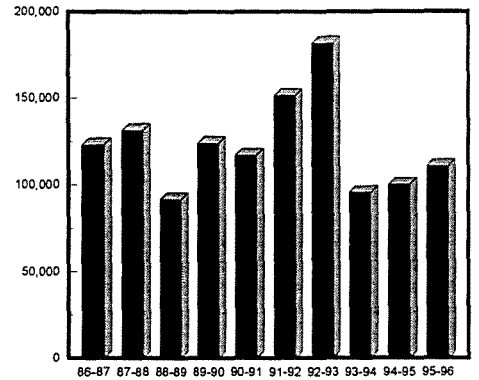
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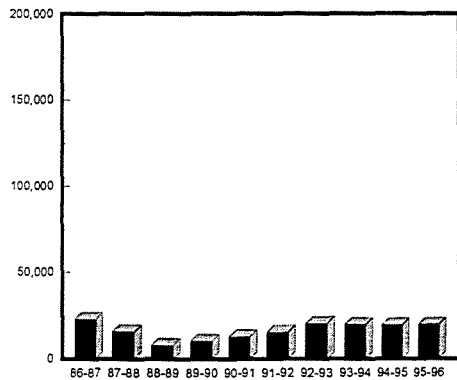
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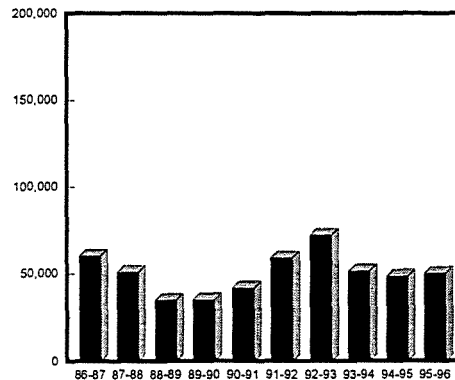
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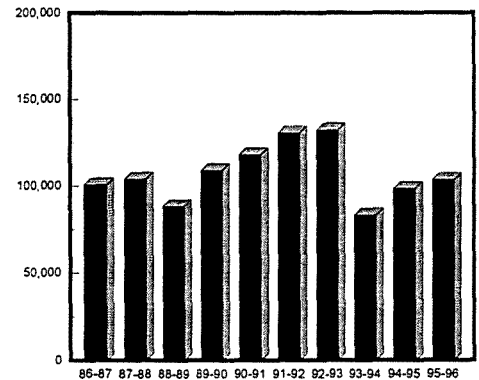
CRD 4



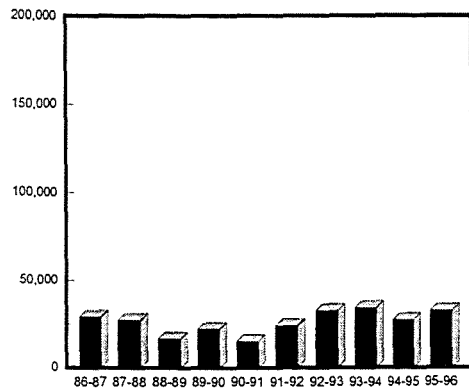
CRD 5



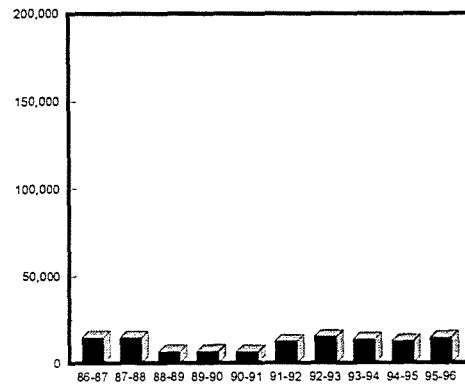
CRD 6



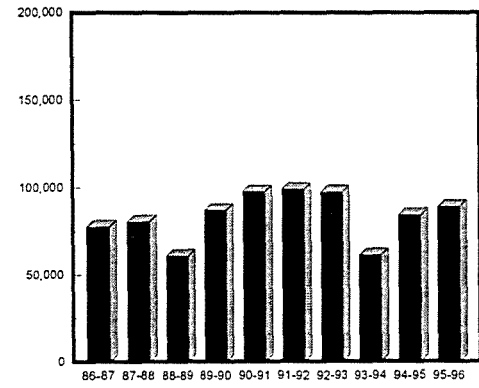
CRD 7



CRD 8



CRD 9





**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

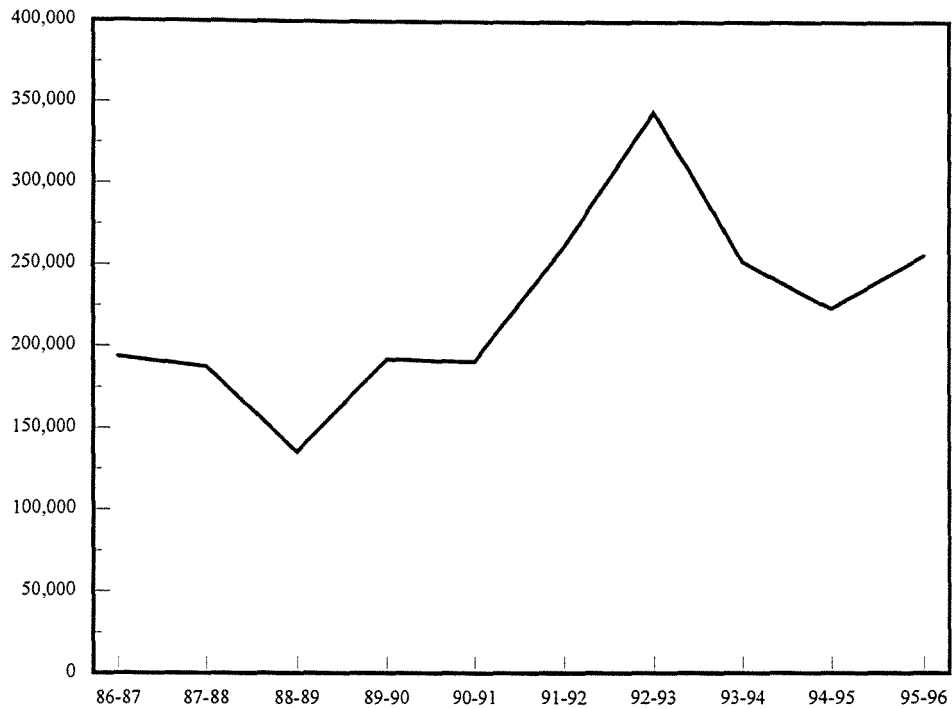
<b>YEAR</b>	<b>Minneapolis- St. Paul</b>	<b>Duluth- Superior</b>	<b>West</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>59,020</b> (30%)	<b>51,564</b> (27%)	<b>24,446</b> (13%)	<b>28,933</b> (30%)	<b>193,962</b> (100%)
<b>1987-88</b>	<b>62,463</b> (33%)	<b>36,755</b> (20%)	<b>23,549</b> (13%)	<b>65,069</b> (34%)	<b>187,836</b> (100%)
<b>1988-89</b>	<b>42,265</b> (31%)	<b>26,239</b> (19%)	<b>29,789</b> (29%)	<b>37,347</b> (28%)	<b>135,640</b> (100%)
<b>1989-90</b>	<b>58,880</b> (31%)	<b>38,510</b> (20%)	<b>25,131</b> (13%)	<b>69,964</b> (36%)	<b>192,485</b> (100%)
<b>1990-91</b>	<b>56,356</b> (29%)	<b>39,229</b> (21%)	<b>39,521</b> (21%)	<b>55,966</b> (29%)	<b>191,072</b> (100%)
<b>1991-92</b>	<b>74,751</b> (29%)	<b>23,891</b> (9%)	<b>29,125</b> (11%)	<b>133,400</b> (51%)	<b>261,169</b> (100%)
<b>1992-93</b>	<b>81,210</b> (24%)	<b>38,573</b> (11%)	<b>62,458</b> (18%)	<b>162,021</b> (47%)	<b>344,261</b> (100%)
<b>1993-94</b>	<b>63,417</b> (25%)	<b>35,405</b> (14%)	<b>65,754</b> (26%)	<b>87,990</b> (35%)	<b>252,566</b> (100%)
<b>1994-95</b>	<b>62,588</b> (28%)	<b>34,840</b> (16%)	<b>52,971</b> (24%)	<b>73,487</b> (33%)	<b>223,886</b> (100%)
<b>1995-96</b>	<b>68,145</b> (27%)	<b>27,635</b> (11%)	<b>55,168</b> (22%)	<b>104,955</b> (42%)	<b>255,904</b> (100%)

Miscellaneous markets include shipments to Midland/Southwest destinations (13%), other Minnesota/Wisconsin destinations (5%), and all other markets including North Dakota processors (24%).

## HRS WHEAT SHIPMENTS

1986-87 to 1995-96

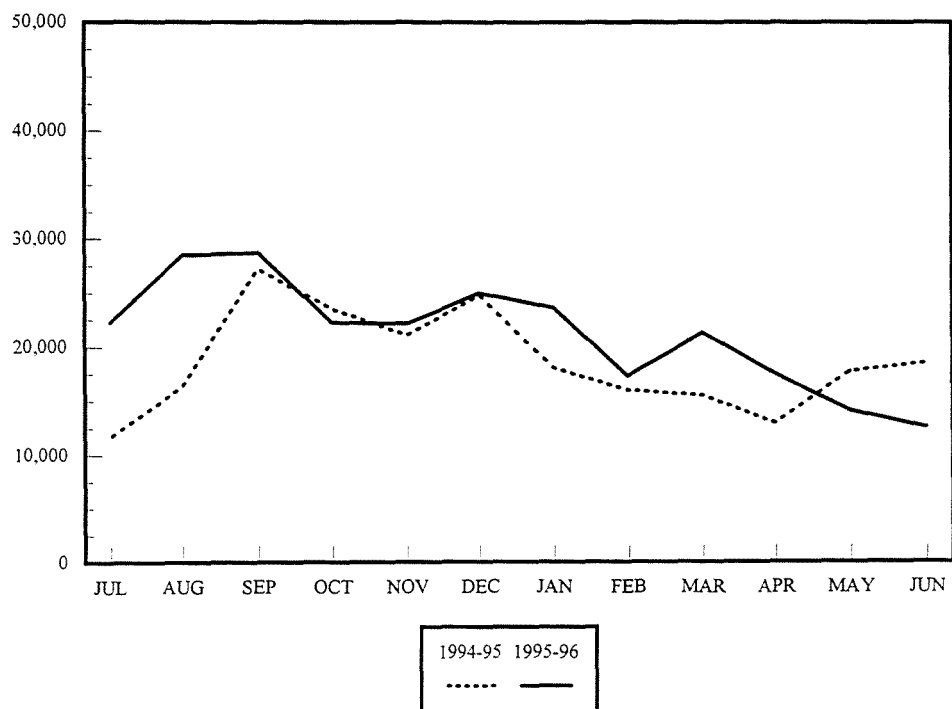
thousand bushels



## HRS WHEAT SHIPMENTS

by Month, 1994-95 to 1995-96

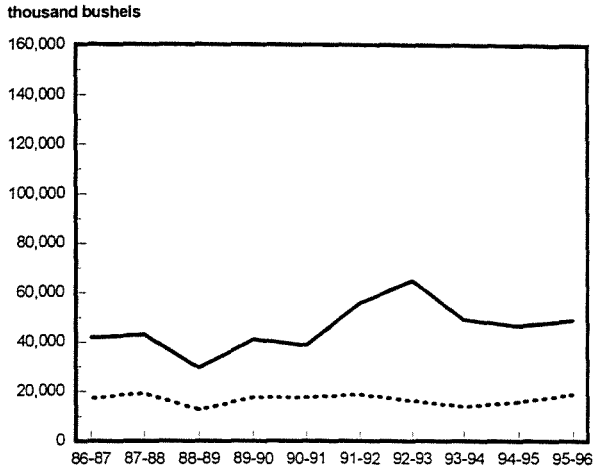
thousand bushels



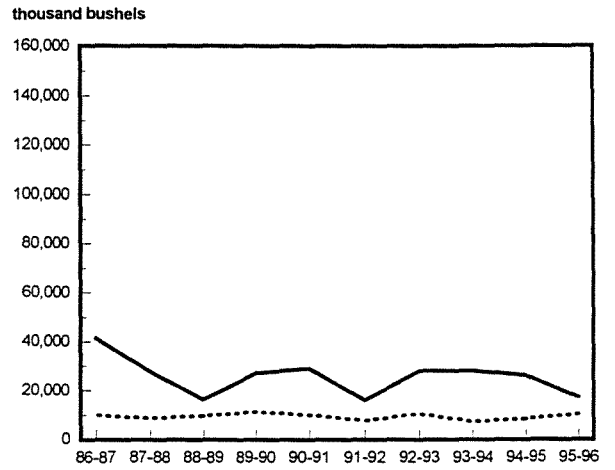
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	Minneapolis-St. Paul		Duluth-Superior		West		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	41,857 (71%)	17,163 (29%)	41,516 (81%)	10,048 (19%)	20,491 (84%)	3,955 (16%)	49,533 (84%)	9,399 (16%)	153,397 (79%)	40,565 (21%)
1987-88	43,082 (69%)	19,381 (31%)	27,911 (76%)	8,844 (24%)	20,068 (85%)	3,481 (15%)	49,838 (77%)	15,231 (23%)	140,899 (75%)	46,937 (25%)
1988-89	29,566 (70%)	12,700 (30%)	16,414 (63%)	9,825 (37%)	25,688 (86%)	4,100 (14%)	27,697 (74%)	9,650 (26%)	99,365 (73%)	36,275 (27%)
1989-90	41,249 (70%)	17,631 (30%)	27,148 (70%)	11,362 (30%)	21,552 (86%)	3,578 (14%)	57,236 (82%)	12,728 (18%)	147,186 (76%)	45,299 (24%)
1990-91	38,707 (69%)	17,649 (31%)	29,079 (74%)	10,150 (26%)	37,359 (95%)	2,162 (5%)	45,281 (81%)	10,685 (19%)	150,426 (79%)	40,646 (21%)
1991-92	55,940 (75%)	18,811 (25%)	16,154 (68%)	7,737 (32%)	27,087 (83%)	2,037 (17%)	116,553 (87%)	16,843 (13%)	215,738 (83%)	45,431 (17%)
1992-93	65,059 (80%)	16,150 (20%)	27,958 (72%)	10,616 (28%)	60,140 (96%)	2,317 (4%)	148,773 (92%)	13,247 (8%)	301,930 (88%)	42,331 (12%)
1993-94	49,416 (80%)	14,001 (20%)	28,137 (79%)	7,269 (21%)	63,604 (97%)	2,150 (3%)	76,529 (87%)	11,460 (13%)	217,685 (86%)	34,880 (14%)
1994-95	46,658 (75%)	15,931 (25%)	26,243 (75%)	8,597 (25%)	50,957 (96%)	2,014 (4%)	61,514 (83%)	11,972 (17%)	185,372 (83%)	38,514 (17%)
1995-96	49,198 (72%)	18,946 (28%)	17,266 (62%)	10,369 (38%)	53,136 (96%)	2,032 (4%)	87,848 (84%)	17,107 (16%)	207,448 (81%)	48,456 (19%)

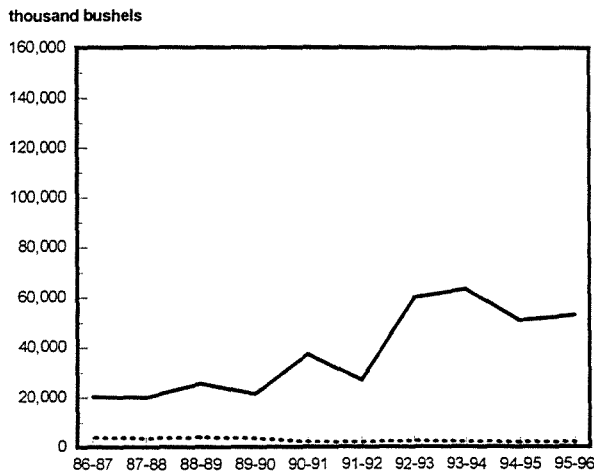
**HRS WHEAT TO MINNEAPOLIS**  
1986-87 to 1995-96



**HRS WHEAT TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



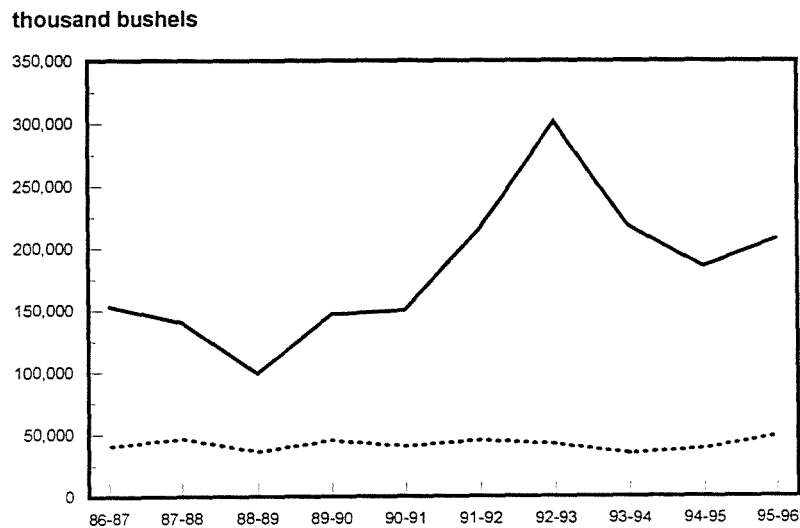
**HRS WHEAT TO WEST**  
1986-87 to 1995-96



**HRS WHEAT TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96



**HRS WHEAT SHIPMENTS**  
1986-87 to 1995-96

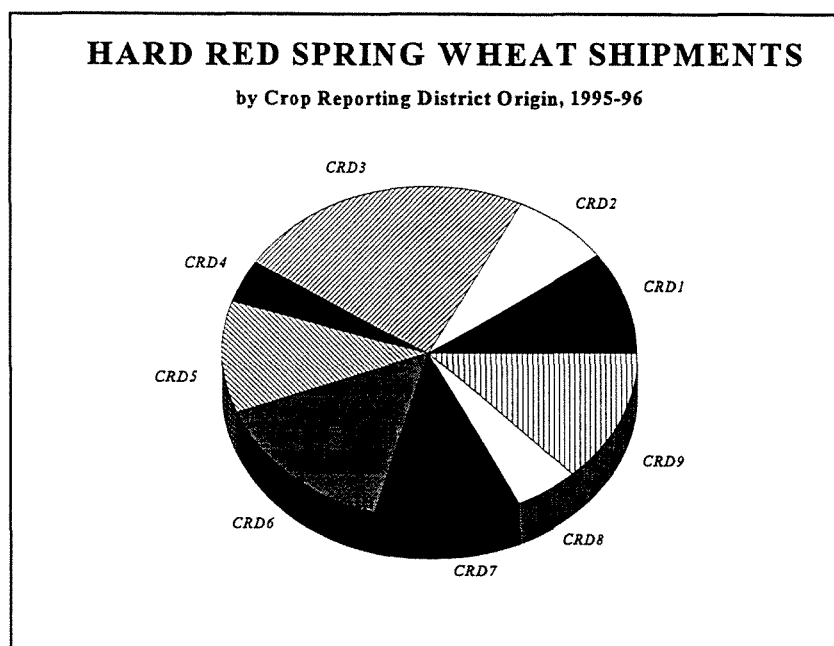


Rail Truck  
— ....



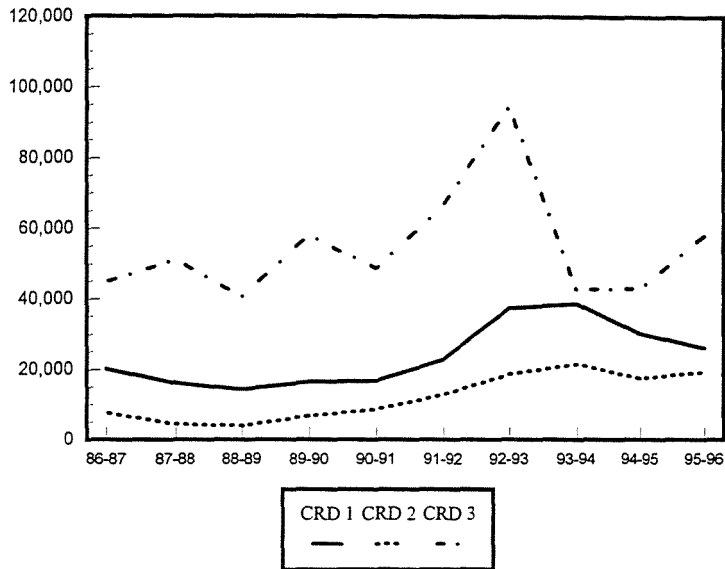
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN  
(thousand bu.)**

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	20,393 (11%)	7,885 (4%)	44,955 (23%)	8,137 (4%)	24,189 (12%)	32,423 (17%)	20,379 (11%)	10,701 (6%)	24,901 (13%)	193,962 (100%)
1987-88	16,285 (9%)	4,600 (2%)	51,209 (27%)	6,060 (3%)	18,106 (10%)	37,842 (18%)	19,422 (12%)	9,545 (5%)	24,766 (13%)	187,835 (100%)
1988-89	14,445 (10%)	4,157 (3%)	40,595 (29%)	3,595 (3%)	12,453 (9%)	26,334 (19%)	13,016 (9%)	4,373 (3%)	16,673 (12%)	135,640 (100%)
1989-90	16,523 (9%)	6,775 (4%)	58,154 (30%)	4,477 (2%)	15,229 (8%)	40,511 (21%)	18,217 (9%)	5,043 (3%)	27,556 (14%)	192,485 (100%)
1990-91	16,896 (9%)	8,751 (5%)	48,869 (26%)	5,299 (3%)	20,484 (11%)	46,365 (24%)	12,921 (7%)	5,890 (3%)	25,597 (13%)	191,072 (100%)
1991-92	22,914 (9%)	12,920 (5%)	66,696 (26%)	7,854 (3%)	28,334 (11%)	53,005 (20%)	21,429 (8%)	11,389 (4%)	36,623 (14%)	261,169 (100%)
1992-93	37,519 (10%)	18,768 (5%)	94,790 (28%)	10,260 (5%)	36,094 (10%)	57,697 (17%)	29,701 (9%)	12,519 (4%)	46,910 (14%)	344,261 (100%)
1993-94	38,854 (15%)	21,648 (8%)	47,873 (19%)	11,948 (5%)	29,456 (12%)	36,425 (14%)	30,408 (12%)	11,148 (4%)	24,805 (10%)	252,566 (100%)
1994-95	30,429 (14%)	17,669 (8%)	43,099 (19%)	10,003 (4%)	23,169 (10%)	32,962 (15%)	25,078 (11%)	9,900 (4%)	31,576 (14%)	223,886 (100%)
1995-96	26,395 (10%)	19,336 (8%)	58,232 (23%)	9,840 (4%)	28,109 (11%)	39,401 (15%)	28,825 (11%)	12,690 (5%)	33,075 (13%)	255,904 (100%)

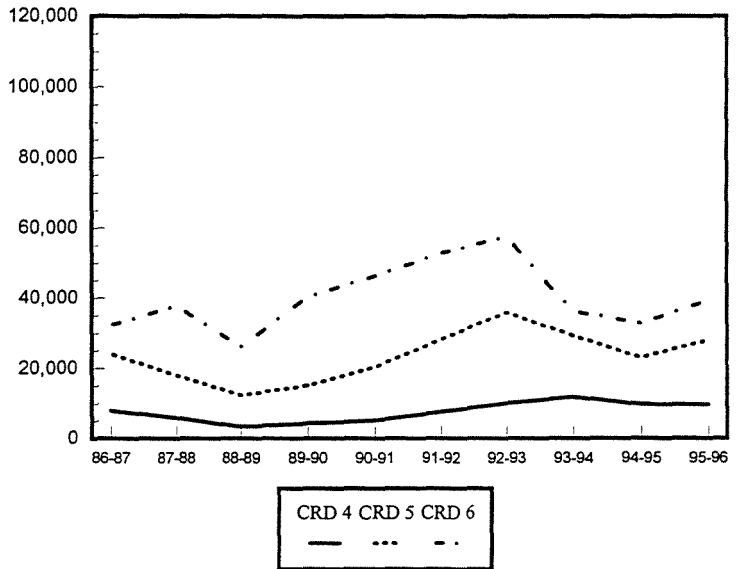


# HARD RED SPRING WHEAT SHIPMENTS BY CROP REPORTING DISTRICT

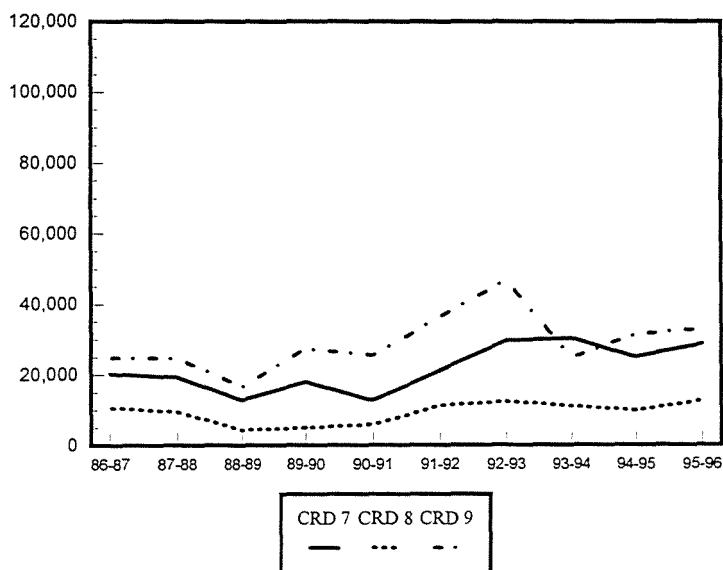
**NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)

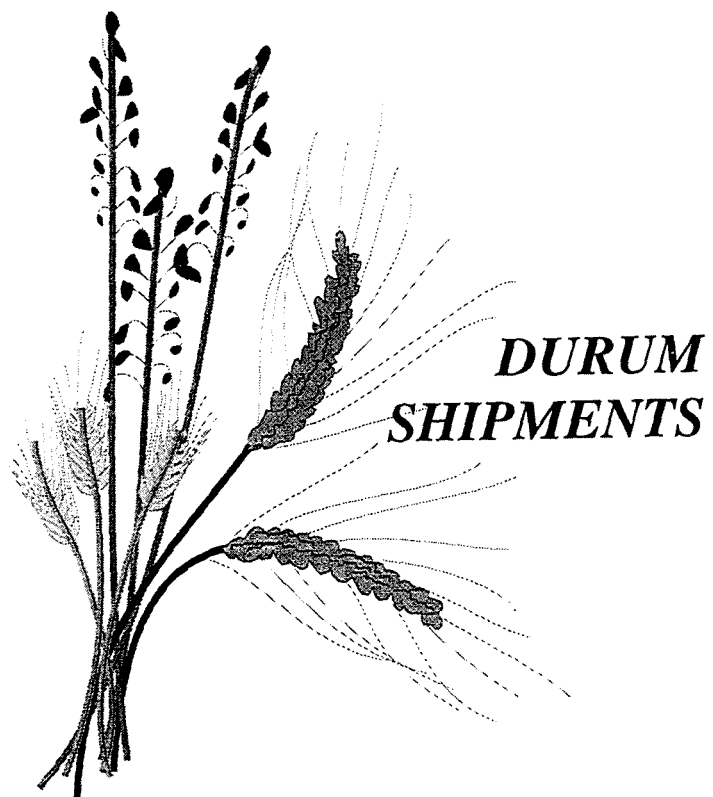


**CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)





**NORTH DAKOTA DURUM SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

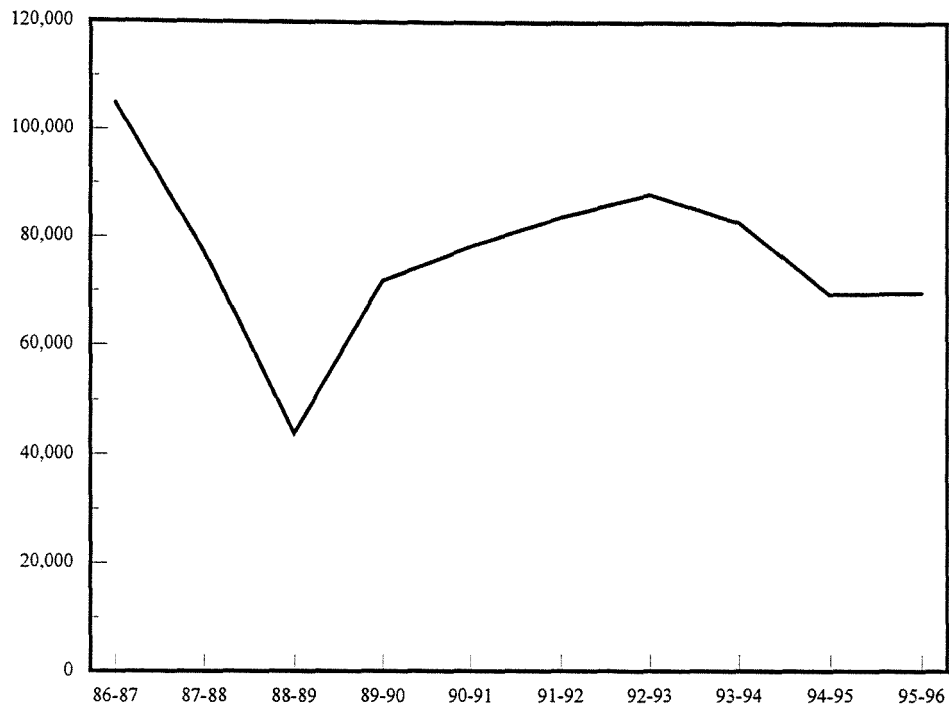
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Duluth- Superior</b>	<b>West</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>17,350</b> (17%)	<b>46,150</b> (44%)	<b>2,969</b> (3%)	<b>38,498</b> (37%)	<b>104,968</b> (100%)
<b>1987-88</b>	<b>15,347</b> (20%)	<b>28,215</b> (36%)	<b>1,183</b> (2%)	<b>32,649</b> (42%)	<b>77,394</b> (100%)
<b>1988-89</b>	<b>10,665</b> (24%)	<b>10,033</b> (23%)	<b>1,437</b> (3%)	<b>21,769</b> (50%)	<b>43,905</b> (100%)
<b>1989-90</b>	<b>15,612</b> (22%)	<b>21,103</b> (29%)	<b>1,127</b> (2%)	<b>34,161</b> (47%)	<b>72,003</b> (100%)
<b>1990-91</b>	<b>18,159</b> (23%)	<b>24,167</b> (31%)	<b>929</b> (1%)	<b>35,054</b> (45%)	<b>78,309</b> (100%)
<b>1991-92</b>	<b>16,379</b> (20%)	<b>26,063</b> (31%)	<b>1,191</b> (1%)	<b>40,191</b> (48%)	<b>83,827</b> (100%)
<b>1992-93</b>	<b>19,434</b> (22%)	<b>20,627</b> (23%)	<b>2,424</b> (3%)	<b>45,596</b> (52%)	<b>88,080</b> (100%)
<b>1993-94</b>	<b>20,725</b> (25%)	<b>12,760</b> (15%)	<b>2,196</b> (3%)	<b>47,240</b> (57%)	<b>82,921</b> (100%)
<b>1994-95</b>	<b>25,295</b> (36%)	<b>6,592</b> (9%)	<b>1,569</b> (2%)	<b>36,105</b> (52%)	<b>69,562</b> (100%)
<b>1995-96</b>	<b>22,030</b> (32%)	<b>7,284</b> (10%)	<b>687</b> (0)	<b>39,902</b> (58%)	<b>69,903</b> (100%)

Miscellaneous markets include shipments to Midland/Southwest destinations (22%), other Minnesota/Wisconsin destinations (8%), and all other markets including North Dakota processors (28%).

## DURUM SHIPMENTS

1986-87 to 1995-96

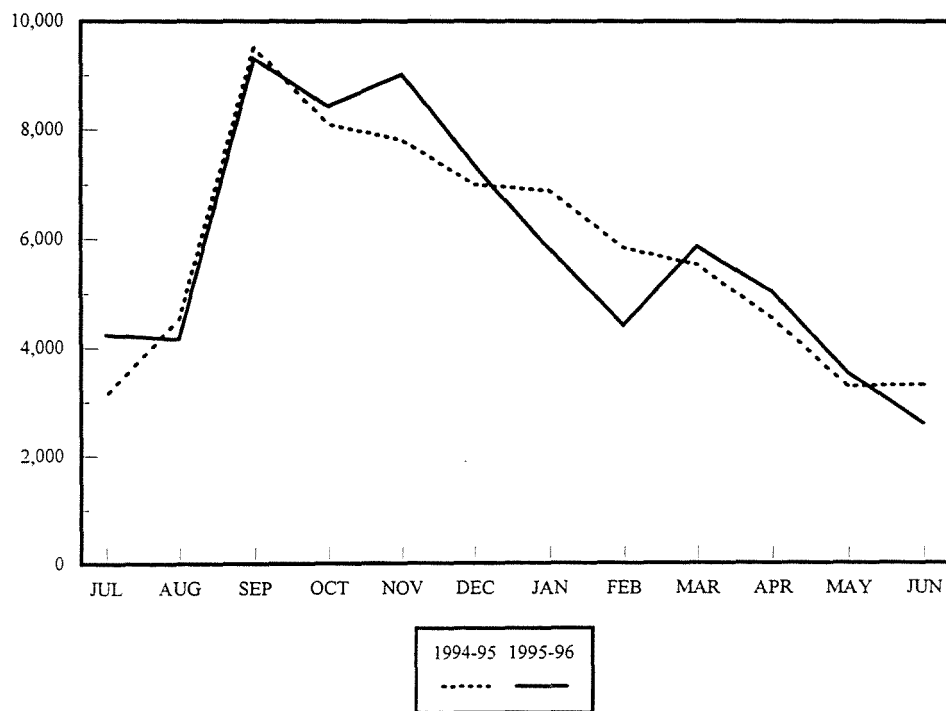
thousand bushels



## DURUM SHIPMENTS

by Month, 1994-95 to 1995-96

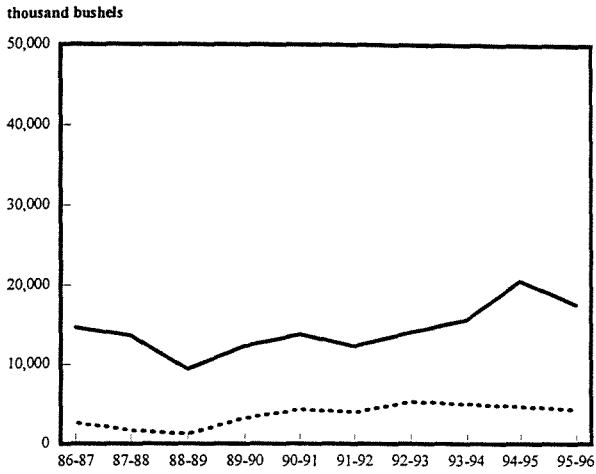
thousand bushels



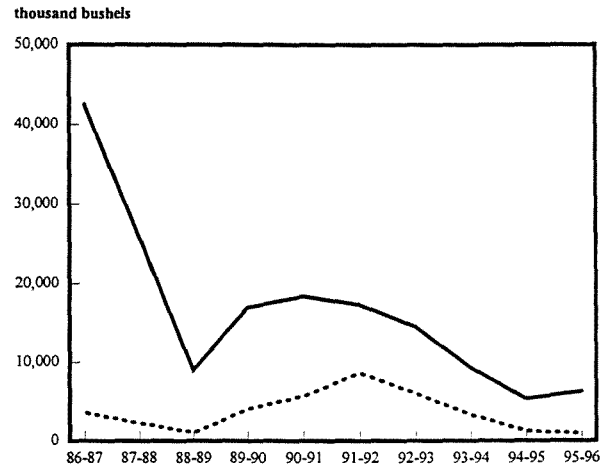
**NORTH DAKOTA DURUM SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	Minneapolis - St. Paul		Duluth - Superior		West		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	14,679 (85%)	2,671 (15%)	42,543 (92%)	3,608 (8%)	2,932 (99%)	37 (1%)	34,843 (91%)	3,656 (9%)	94,996 (91%)	9,972 (9%)
1987-88	13,662 (89%)	1,685 (11%)	25,969 (92%)	2,246 (6%)	1,110 (94%)	73 (6%)	26,542 (81%)	6,107 (19%)	67,283 (87%)	10,111 (13%)
1988-89	9,421 (88%)	1,244 (12%)	8,995 (90%)	1,037 (10%)	1,426 (99%)	10 (1%)	15,444 (71%)	6,324 (29%)	35,288 (80%)	8,617 (20%)
1989-90	12,346 (79%)	3,265 (21%)	17,022 (81%)	4,081 (19%)	1,118 (99%)	8 (1%)	28,039 (82%)	6,123 (18%)	58,525 (81%)	13,478 (19%)
1990-91	13,842 (76%)	4,317 (24%)	18,463 (76%)	5,705 (24%)	914 (98%)	15 (2%)	28,391 (81%)	6,662 (19%)	61,610 (79%)	16,699 (21%)
1991-92	12,373 (76%)	4,005 (24%)	17,382 (67%)	8,680 (33%)	1,149 (96%)	42 (4%)	18,479 (78%)	5,162 (22%)	65,658 (78%)	18,168 (22%)
1992-93	14,129 (73%)	5,305 (27%)	14,565 (71%)	6,062 (29%)	2,317 (96%)	106 (4%)	39,340 (86%)	6,256 (14%)	70,351 (80%)	17,730 (20%)
1993-94	15,747 (76%)	4,977 (24%)	9,376 (73%)	3,384 (27%)	2,195 (100%)	1 (0%)	41,286 (87%)	5,954 (13%)	68,604 (83%)	14,317 (17%)
1994-95	20,604 (81%)	4,691 (19%)	5,326 (81%)	1,265 (19%)	1,555 (99%)	14 (1%)	28,797 (80%)	7,307 (20%)	56,284 (81%)	13,277 (19%)
1995-96	17,687 (80%)	4,343 (20%)	6,335 (87%)	948 (13%)	684 (99%)	2 (1%)	18,394 (73%)	6,707 (27%)	57,902 (83%)	12,000 (17%)

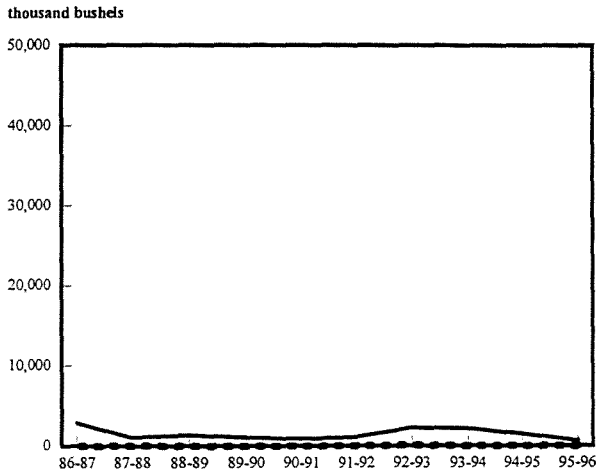
**DURUM TO MINNEAPOLIS**  
1986-87 to 1995-96



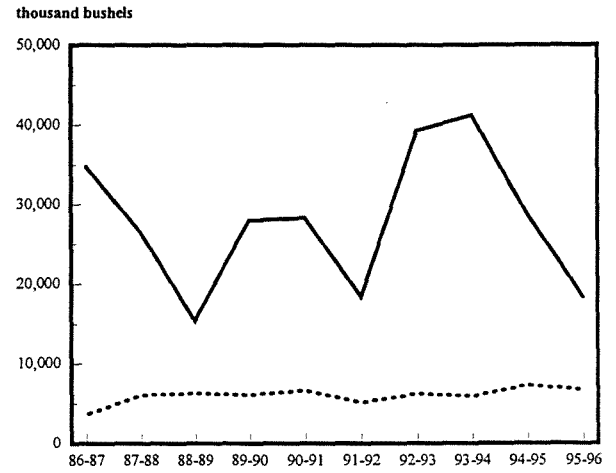
**DURUM TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



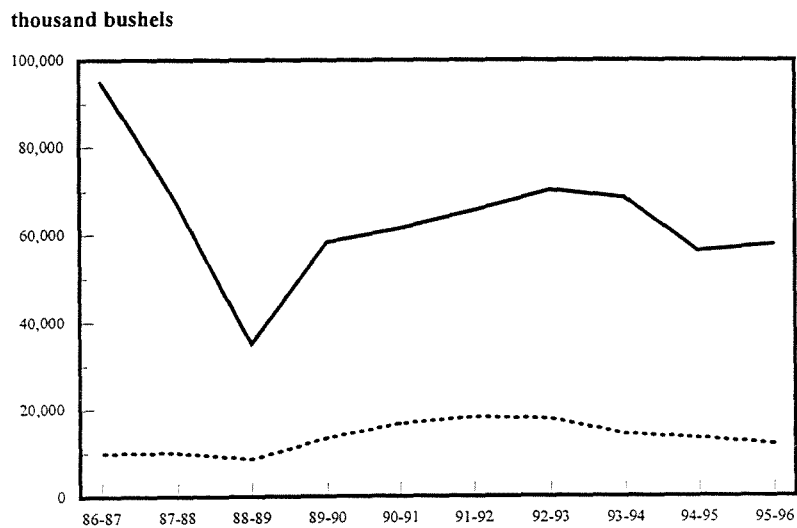
**DURUM TO WEST**  
1986-87 to 1995-96



**DURUM TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96



**DURUM SHIPMENTS**  
1986-87 to 1995-96



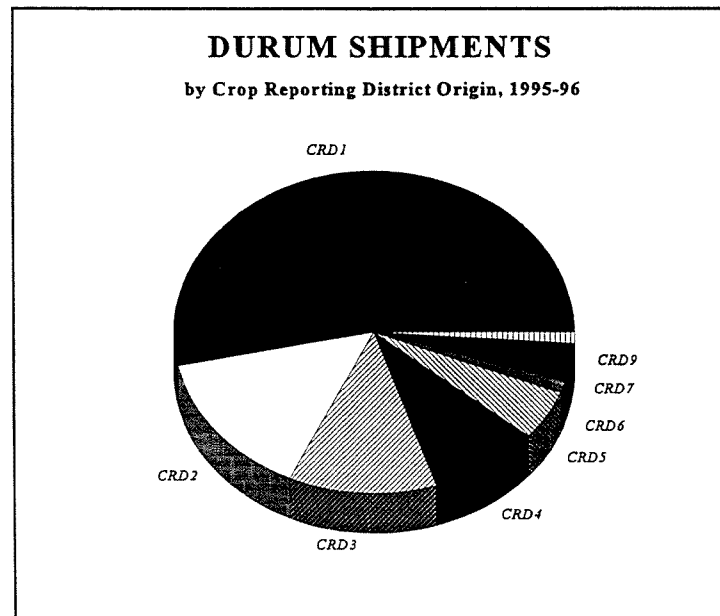
Rail Truck

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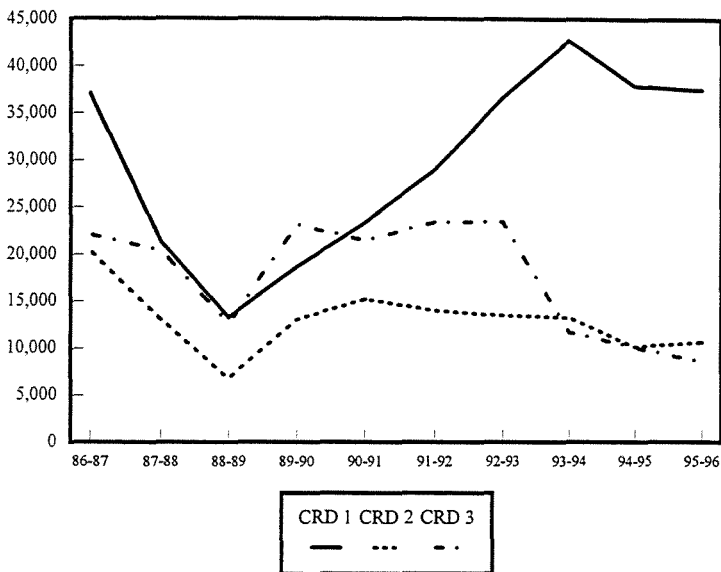
**NORTH DAKOTA DURUM SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
(thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	37,163 (35%)	20,465 (19%)	22,148 (21%)	7,038 (7%)	7,989 (7%)	3,536 (3%)	3,421 (3%)	505 (0%)	2,703 (3%)	104,968 (100%)
1987-88	21,414 (28%)	13,049 (17%)	20,479 (26%)	3,272 (4%)	6,993 (9%)	3,455 (4%)	3,552 (5%)	472 (1%)	4,707 (6%)	77,393 (100%)
1988-89	13,346 (30%)	6,820 (16%)	12,607 (29%)	1,671 (4%)	2,919 (7%)	2,596 (6%)	1,394 (3%)	229 (1%)	2,320 (5%)	43,902 (100%)
1989-90	18,690 (26%)	13,063 (18%)	23,198 (32%)	4,035 (6%)	4,013 (5%)	2,703 (4%)	2,991 (4%)	478 (1%)	2,832 (4%)	72,003 (100%)
1990-91	23,441 (30%)	15,241 (19%)	21,489 (27%)	4,446 (6%)	5,039 (6%)	3,641 (5%)	2,008 (3%)	175 (0%)	2,829 (4%)	78,309 (100%)
1991-92	28,978 (35%)	14,003 (17%)	23,461 (28%)	5,114 (6%)	4,269 (5%)	3,485 (4%)	1,874 (2%)	193 (0%)	2,445 (3%)	83,827 (100%)
1992-93	36,683 (42%)	13,516 (15%)	23,491 (27%)	5,136 (6%)	3,547 (4%)	2,012 (2%)	1,711 (2%)	430 (0%)	1,551 (2%)	88,080 (100%)
1993-94	42,796 (52%)	13,255 (16%)	11,754 (14%)	4,669 (6%)	4,270 (5%)	1,720 (2%)	2,661 (3%)	225 (0%)	1,570 (2%)	82,921 (100%)
1994-95	37,975 (55%)	10,178 (15%)	10,158 (15%)	4,956 (7%)	3,210 (5%)	883 (1%)	1,301 (2%)	152 (0%)	747 (1%)	69,562 (100%)
1995-96	37,534 (54%)	10,665 (15%)	8,629 (12%)	6,404 (9%)	3,307 (5%)	418 (1%)	2,477 (4%)	115 (0)	353 (1%)	69,903 (100%)

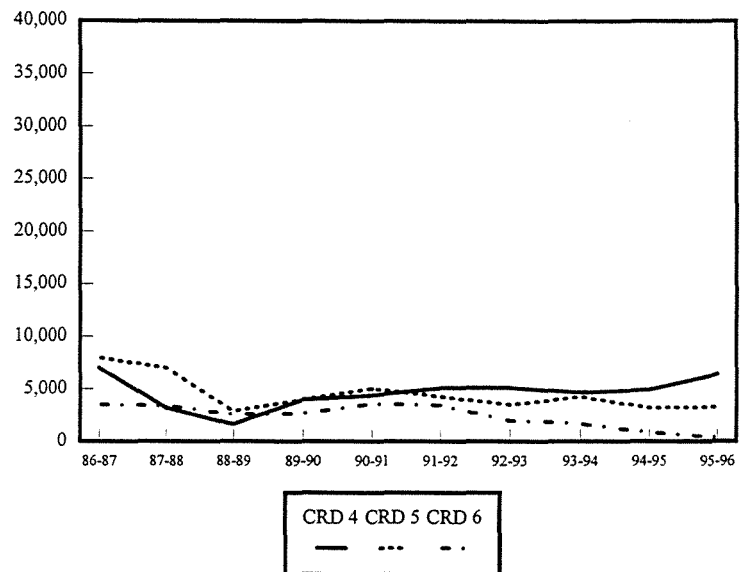


# DURUM SHIPMENTS BY CROP REPORTING DISTRICT

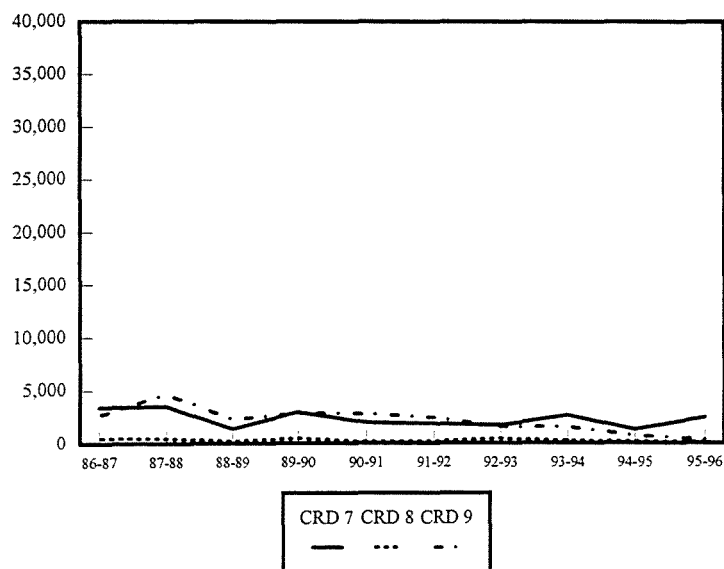
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)





**NORTH DAKOTA BARLEY SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

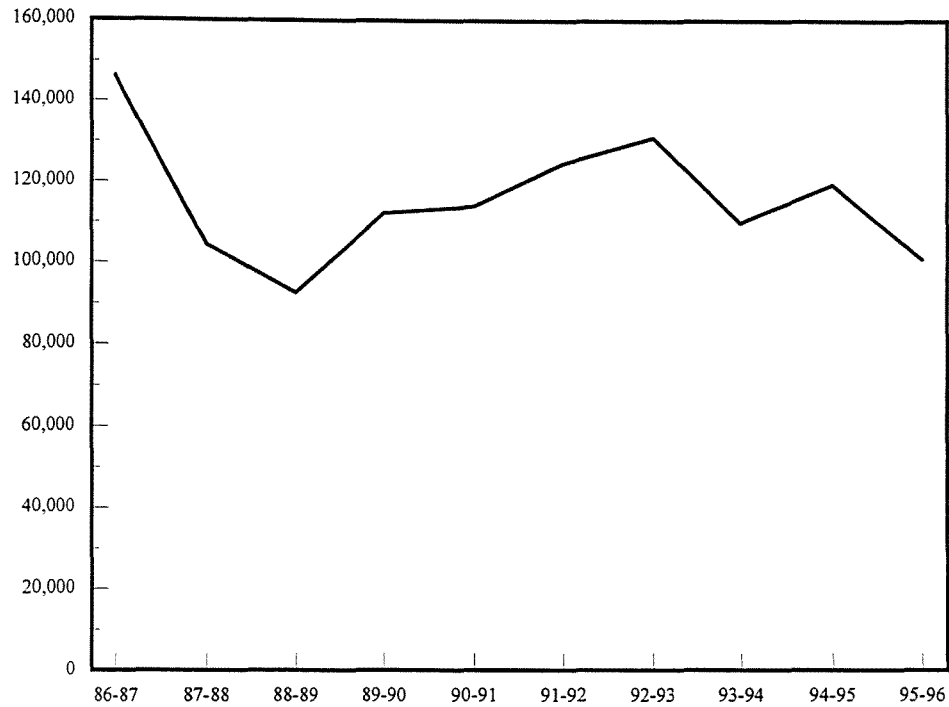
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Duluth - Superior</b>	<b>Midland/ Southwest</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>29,521</b> (20%)	<b>10,136</b> (7%)	<b>19,154</b> (13%)	<b>87,531</b> (60%)	<b>146,342</b> (100%)
<b>1987-88</b>	<b>27,230</b> (26%)	<b>16,112</b> (15%)	<b>16,203</b> (16%)	<b>44,854</b> (43%)	<b>104,399</b> (100%)
<b>1988-89</b>	<b>22,691</b> (24%)	<b>9,735</b> (11%)	<b>12,486</b> (13%)	<b>47,803</b> (52%)	<b>92,715</b> (100%)
<b>1989-90</b>	<b>23,464</b> (21%)	<b>22,893</b> (20%)	<b>19,061</b> (17%)	<b>46,838</b> (42%)	<b>112,256</b> (100%)
<b>1990-91</b>	<b>24,174</b> (21%)	<b>14,200</b> (12%)	<b>20,482</b> (18%)	<b>55,190</b> (48%)	<b>114,046</b> (100%)
<b>1991-92</b>	<b>28,184</b> (23%)	<b>19,398</b> (16%)	<b>22,430</b> (17%)	<b>54,740</b> (44%)	<b>124,755</b> (100%)
<b>1992-93</b>	<b>29,461</b> (23%)	<b>20,799</b> (16%)	<b>18,724</b> (14%)	<b>62,153</b> (47%)	<b>131,139</b> (100%)
<b>1993-94</b>	<b>25,580</b> (23%)	<b>16,257</b> (15%)	<b>18,105</b> (16%)	<b>49,991</b> (46%)	<b>109,935</b> (100%)
<b>1994-95</b>	<b>33,959</b> (28%)	<b>14,514</b> (12%)	<b>11,798</b> (10%)	<b>59,979</b> (50%)	<b>119,405</b> (100%)
<b>1995-96</b>	<b>37,173</b> (37%)	<b>2,705</b> (3%)	<b>5,302</b> (5%)	<b>55,697</b> (55%)	<b>100,878</b> (100%)

Miscellaneous markets include shipments to Pacific Northwest destinations (8%), other Minnesota/Wisconsin destinations (13%), North Dakota destinations, and all other markets (34%).

## BARLEY SHIPMENTS

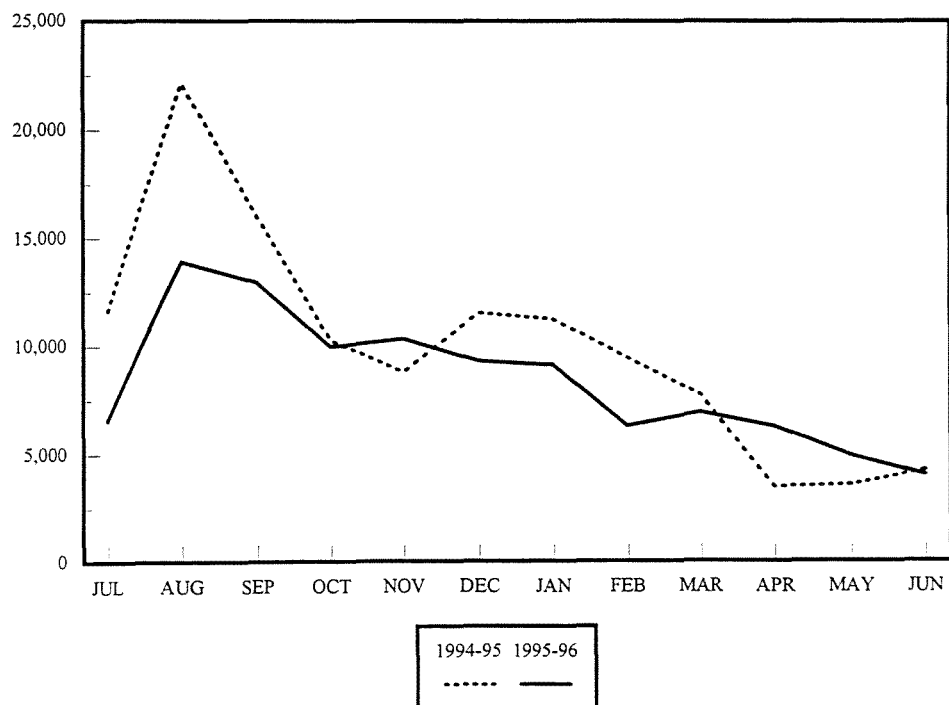
1986-87 to 1995-96

thousand bushels



## BARLEY SHIPMENTS BY MONTH, 1994-95 to 1995-96

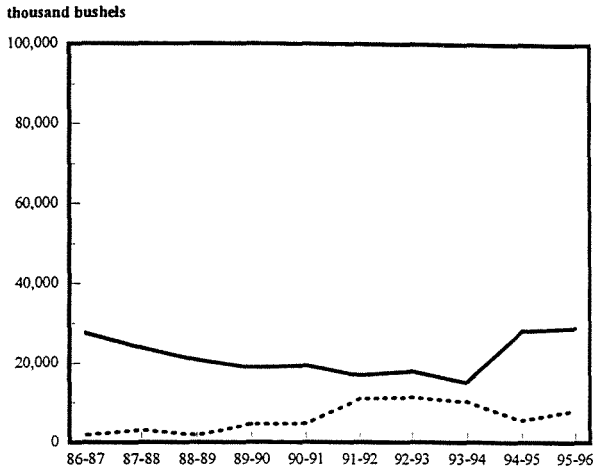
thousand bushels



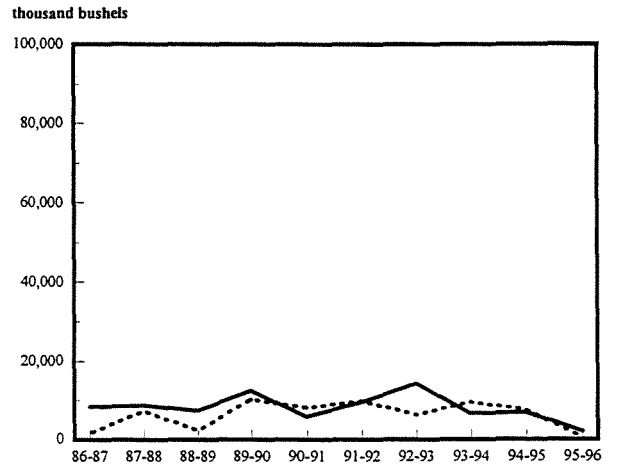
**NORTH DAKOTA BARLEY SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	Minneapolis - St. Paul		Duluth - Superior		Midland/ Southwest		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	27,731 (94%)	1,789 (6%)	8,429 (83%)	1,707 (17%)	17,858 (93%)	1,296 (7%)	82,176 (94%)	5,356 (6%)	136,194 (93%)	10,148 (7%)
1987-88	23,958 (88%)	3,272 (12%)	8,827 (55%)	7,285 (45%)	15,522 (96%)	681 (4%)	35,271 (79%)	9,583 (21%)	83,548 (80%)	20,851 (20%)
1988-89	20,908 (92%)	1,782 (8%)	7,395 (76%)	2,340 (24%)	11,566 (93%)	920 (7%)	36,599 (77%)	11,204 (23%)	76,467 (82%)	16,248 (18%)
1989-90	18,892 (81%)	4,572 (19%)	12,603 (55%)	10,290 (45%)	17,919 (94%)	1,142 (6%)	35,370 (76%)	11,468 (24%)	84,784 (76%)	27,472 (24%)
1990-91	19,533 (81%)	4,641 (19%)	5,969 (42%)	8,231 (58%)	19,678 (96%)	804 (4%)	45,005 (82%)	10,185 (18%)	90,185 (79%)	23,861 (21%)
1991-92	17,098 (61%)	11,085 (39%)	9,599 (49%)	9,798 (51%)	21,710 (97%)	719 (3%)	38,878 (71%)	15,860 (29%)	87,290 (70%)	37,465 (30%)
1992-93	18,070 (61%)	11,391 (39%)	14,468 (70%)	6,331 (30%)	10,472 (97%)	327 (3%)	50,921 (73%)	19,159 (27%)	93,931 (72%)	37,208 (28%)
1993-94	15,293 (60%)	10,287 (40%)	6,705 (41%)	9,551 (59%)	17,208 (95%)	897 (5%)	35,239 (70%)	14,754 (30%)	74,445 (68%)	35,490 (32%)
1994-95	28,285 (83%)	5,675 (17%)	6,980 (48%)	7,534 (52%)	10,897 (92%)	901 (8%)	40,670 (68%)	19,310 (32%)	86,831 (72%)	33,420 (28%)
1995-96	29,039 (78%)	8,133 (22%)	2,152 (80%)	553 (20%)	4,670 (88%)	632 (12%)	34,392 (62%)	21,306 (38%)	70,254 (70%)	30,624 (30%)

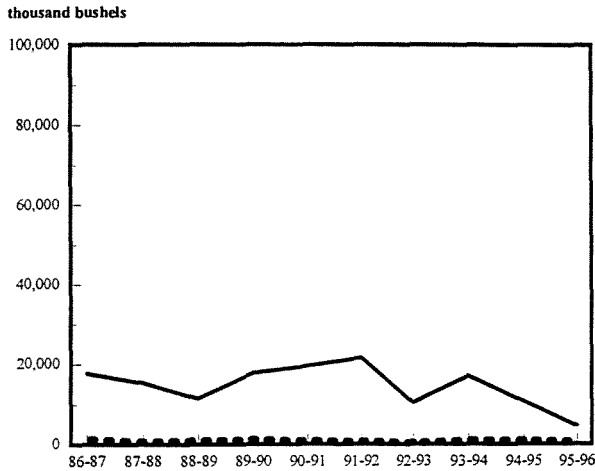
**BARLEY TO MINNEAPOLIS**  
1986-87 to 1995-96



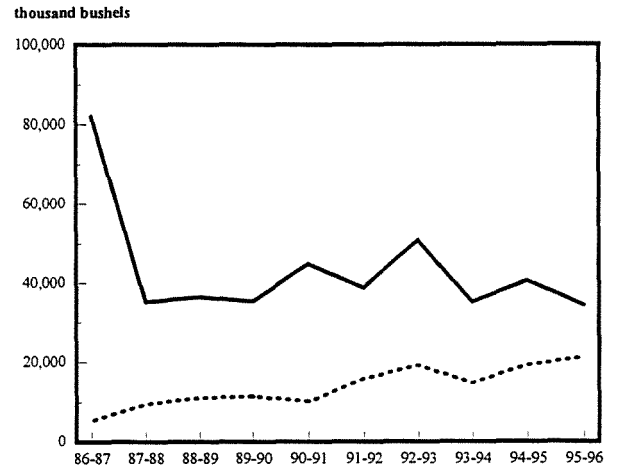
**BARLEY TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



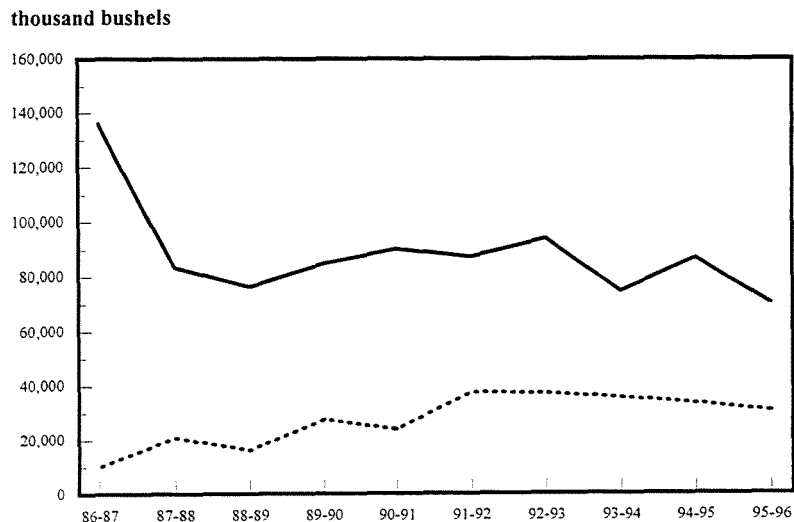
**BARLEY TO MIDLAND/SOUTHWEST**  
1986-87 to 1995-96



**BARLEY TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96



**BARLEY SHIPMENTS**  
1986-87 to 1995-96



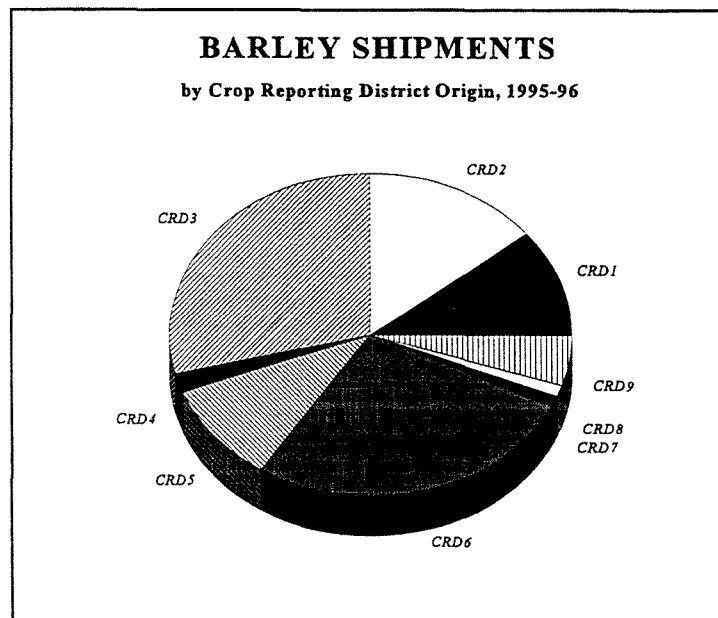
Rail Truck

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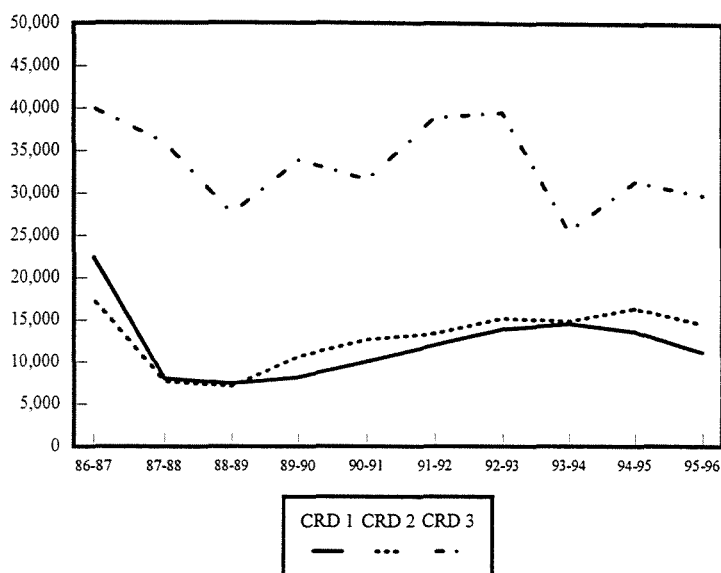
**NORTH DAKOTA BARLEY SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
(thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	22,443 (15%)	17,501 (12%)	40,032 (27%)	2,698 (2%)	15,079 (10%)	33,838 (23%)	3,883 (3%)	945 (1%)	9,931 (7%)	146,342 (100%)
1987-88	8,070 (8%)	7,713 (7%)	36,026 (35%)	658 (1%)	9,370 (9%)	32,593 (31%)	1,053 (1%)	497 (1%)	8,419 (8%)	104,399 (100%)
1988-89	7,472 (8%)	7,135 (8%)	27,618 (30%)	413 (0%)	10,072 (11%)	33,502 (36%)	535 (1%)	211 (0%)	5,752 (6%)	92,710 (100%)
1989-90	8,234 (7%)	10,645 (10%)	33,912 (30%)	419 (0%)	7,755 (7%)	40,160 (36%)	798 (1%)	123 (0%)	10,210 (9%)	112,256 (100%)
1990-91	10,057 (9%)	12,675 (11%)	31,650 (28%)	756 (1%)	7,936 (7%)	39,682 (35%)	117 (0%)	187 (0%)	10,986 (10%)	114,046 (100%)
1991-92	12,025 (10%)	13,402 (11%)	38,945 (31%)	1,088 (1%)	10,569 (8%)	37,116 (30%)	794 (1%)	531 (0%)	10,281 (8%)	124,755 (100%)
1992-93	13,966 (11%)	15,193 (12%)	39,522 (30%)	1,762 (1%)	9,106 (7%)	36,618 (28%)	883 (1%)	1,084 (1%)	13,000 (10%)	131,138 (100%)
1993-94	14,600 (13%)	14,854 (14%)	25,579 (23%)	1,308 (1%)	10,867 (10%)	26,844 (24%)	847 (1%)	930 (1%)	14,105 (13%)	109,935 (100%)
1994-95	13,695 (11%)	16,394 (14%)	31,422 (26%)	2,400 (2%)	12,394 (10%)	34,056 (28%)	846 (1%)	1,064 (1%)	7,979 (7%)	120,251 (100%)
1995-96	11,187 (11%)	14,521 (14%)	29,850 (29%)	1,750 (2%)	10,246 (10%)	26,375 (26%)	807 (1%)	613 (1%)	5,528 (5%)	100,878 (100%)

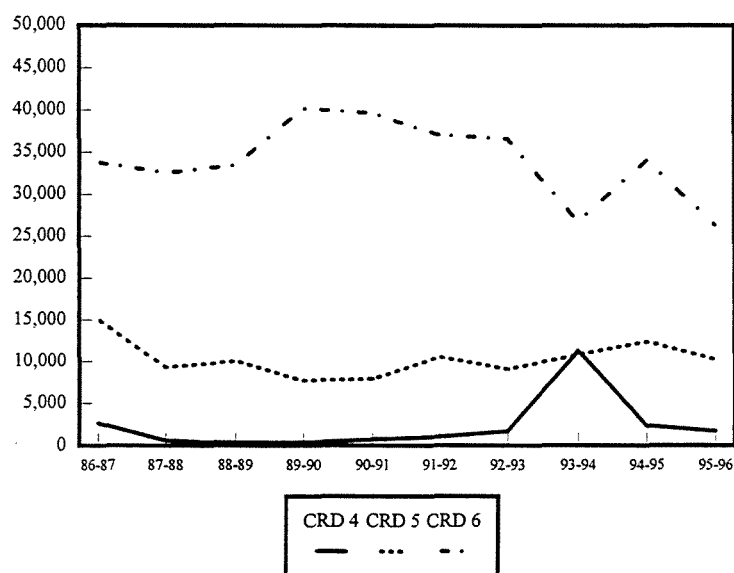


# BARLEY SHIPMENTS BY CROP REPORTING DISTRICT

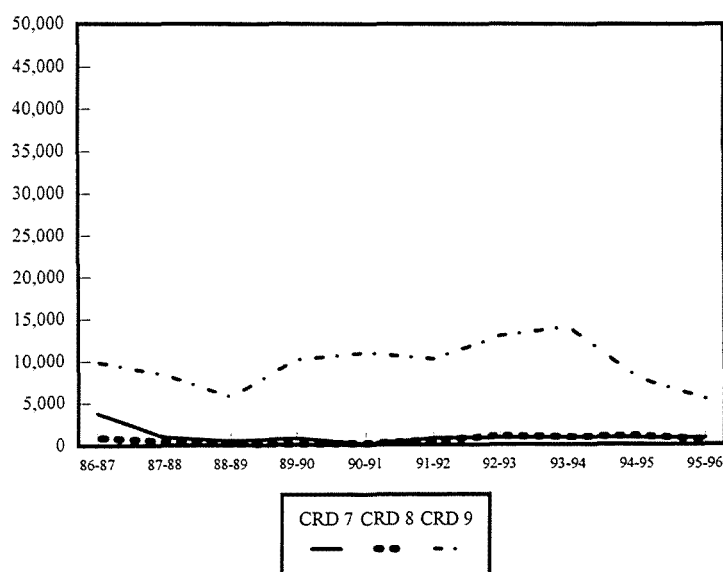
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)





**NORTH DAKOTA SUNFLOWER SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

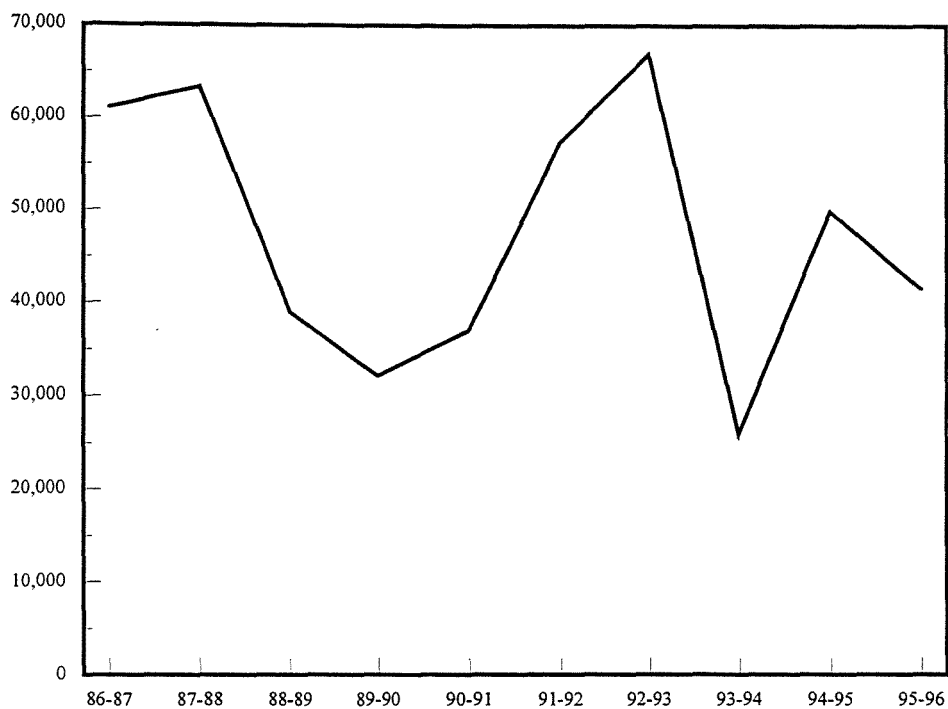
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Duluth - Superior</b>	<b>North Dakota</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>3,142</b> (5%)	<b>9,705</b> (16%)	<b>38,131</b> (62%)	<b>10,088</b> (17%)	<b>61,067</b> (100%)
<b>1987-88</b>	<b>4,085</b> (6%)	<b>7,629</b> (12%)	<b>32,153</b> (51%)	<b>19,552</b> (31%)	<b>63,419</b> (100%)
<b>1988-89</b>	<b>2,496</b> (6%)	<b>105</b> (0%)	<b>20,834</b> (53%)	<b>15,619</b> (40%)	<b>39,056</b> (100%)
<b>1989-90</b>	<b>2,219</b> (7%)	<b>433</b> (1%)	<b>20,964</b> (65%)	<b>8,558</b> (27%)	<b>32,174</b> (100%)
<b>1990-91</b>	<b>4,264</b> (11%)	<b>716</b> (2%)	<b>20,866</b> (56%)	<b>11,240</b> (30%)	<b>37,086</b> (100%)
<b>1991-92</b>	<b>4,050</b> (7%)	<b>1,157</b> (2%)	<b>33,428</b> (58%)	<b>18,720</b> (33%)	<b>57,364</b> (100%)
<b>1992-93</b>	<b>4,367</b> (7%)	<b>845</b> (1%)	<b>47,059</b> (70%)	<b>14,964</b> (22%)	<b>66,965</b> (100%)
<b>1993-94</b>	<b>1,992</b> (9%)	<b>38</b> (1%)	<b>16,507</b> (64%)	<b>6,520</b> (26%)	<b>26,017</b> (100%)
<b>1994-95</b>	<b>2,619</b> (5%)	<b>2,774</b> (6%)	<b>32,725</b> (66%)	<b>10,668</b> (22%)	<b>49,921</b> (100%)
<b>1995-96</b>	<b>1,721</b> (4%)	<b>2,804</b> (8%)	<b>28,296</b> (68%)	<b>7,414<sup>a</sup></b> (18%)	<b>41,528</b> (100%)

<sup>a</sup>Miscellaneous markets for sunflower in 1995-96 include Other Minnesota and Wisconsin destinations (1%), Midland/Southwest markets (2%), Pacific Northwest destinations (1%), and all other markets (14%).

## SUNFLOWER SHIPMENTS

1986-87 to 1995-96

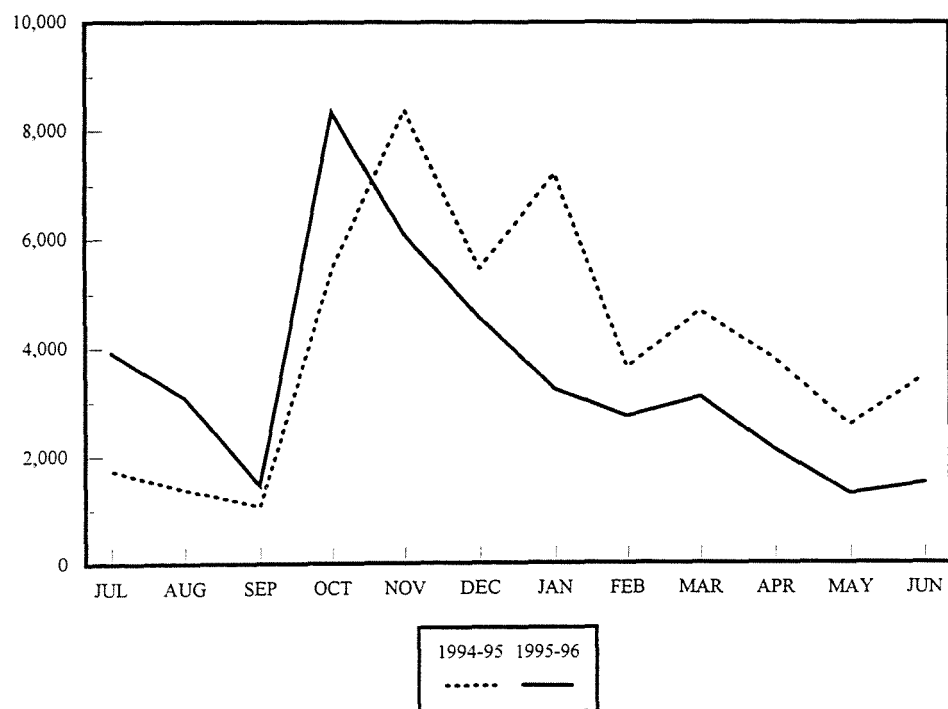
thousand bushels



## SUNFLOWER SHIPMENTS

by Month, 1994-95 to 1995-96

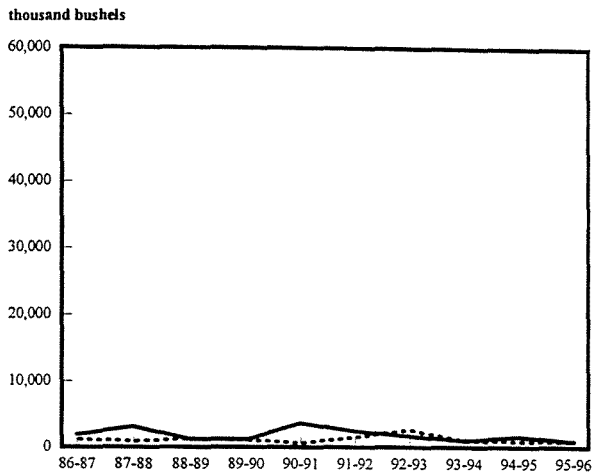
thousand bushels



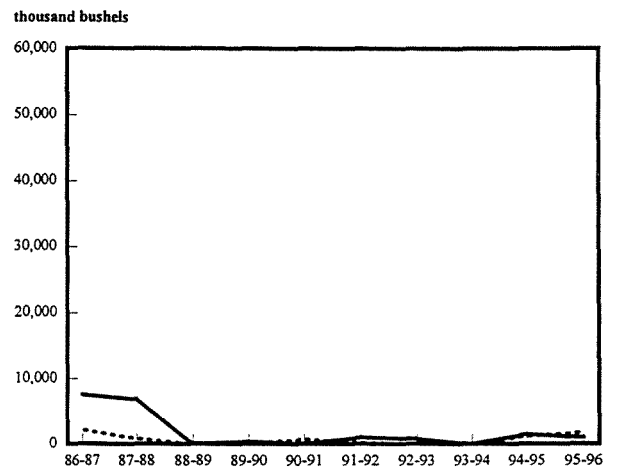
**NORTH DAKOTA SUNFLOWER SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	MINNEAPOLIS - ST. PAUL		DULUTH - SUPERIOR		NORTH DAKOTA		MISC. MARKETS		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Trucks
1986-87	1,925 (61%)	1,217 (39%)	7,521 (77%)	2,185 (23%)	4,850 (13%)	33,280 (87%)	4,805 (48%)	5,283 (52%)	19,101 (31%)	41,965 (65%)
1987-88	3,214 (79%)	871 (21%)	6,842 (90%)	787 (10%)	9,540 (30%)	22,613 (70%)	10,730 (55%)	8,821 (45%)	30,327 (48%)	33,092 (52%)
1988-89	1,227 (49%)	1,269 (51%)	70 (67%)	35 (33%)	4,306 (21%)	16,529 (79%)	6,942 (44%)	8,678 (56%)	12,545 (32%)	26,510 (68%)
1989-90	1,159 (52%)	1,060 (48%)	420 (97%)	13 (3%)	4,750 (23%)	16,214 (77%)	2,041 (24%)	6,517 (76%)	8,370 (26%)	23,804 (74%)
1990-91	3,653 (86%)	610 (14%)	0 (0%)	716 (100%)	4,875 (23%)	15,991 (77%)	4,843 (43%)	6,398 (57%)	13,371 (36%)	23,715 (64%)
1991-92	2,464 (61%)	1,582 (39%)	1,010 (87%)	146 (13%)	4,421 (13%)	29,007 (87%)	8,648 (46%)	10,065 (54%)	16,553 (29%)	40,810 (71%)
1992-93	1,746 (40%)	2,621 (60%)	803 (95%)	42 (5%)	3,918 (8%)	43,141 (92%)	3,215 (21%)	11,478 (89%)	9,682 (14%)	57,283 (86%)
1993-94	1,027 (52%)	965 (48%)	0 (0%)	38 (100%)	1,012 (6%)	15,494 (94%)	950 (15%)	5,570 (86%)	3,125 (12%)	22,891 (88%)
1994-95	1,717 (66%)	901 (34%)	1,582 (57%)	1,192 (43%)	3,066 (9%)	29,659 (91%)	3,857 (35%)	7,111 (65%)	10,371 (21%)	39,550 (79%)
1995-96	895 (52%)	826 (48%)	994 (35%)	1,810 (65%)	730 (3%)	27,565 (97%)	1,282 (29%)	3,132 (71%)	3,995 (10%)	37,533 (90%)

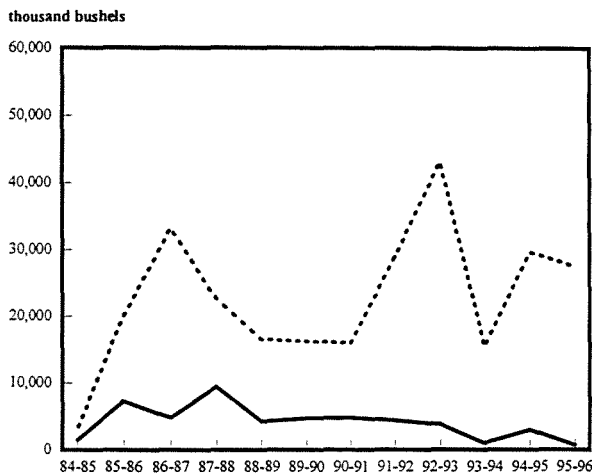
**SUNFLOWER TO MINNEAPOLIS**  
1986-87 to 1995-96



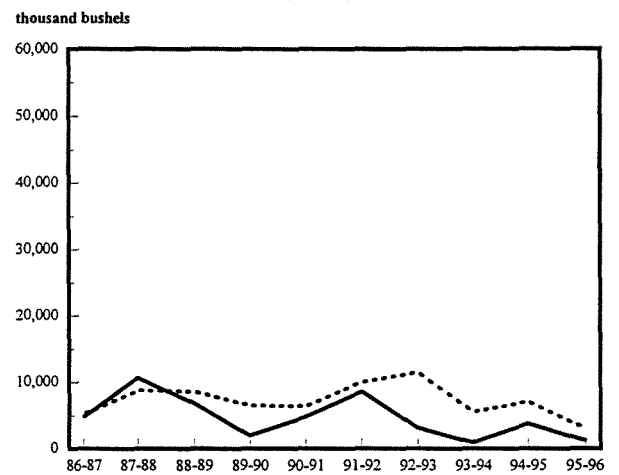
**SUNFLOWER TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



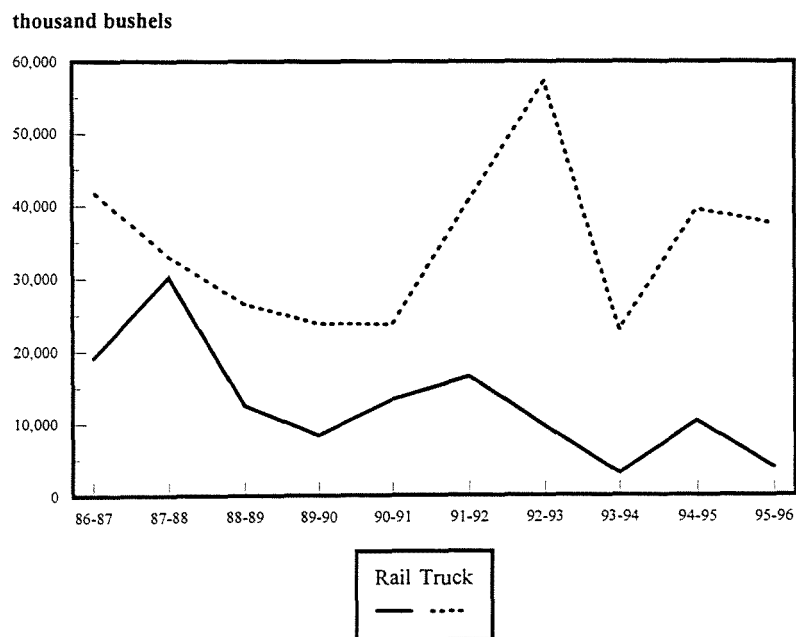
**SUNFLOWER TO NORTH DAKOTA**  
1986-87 to 1995-96



**SUNFLOWER TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96

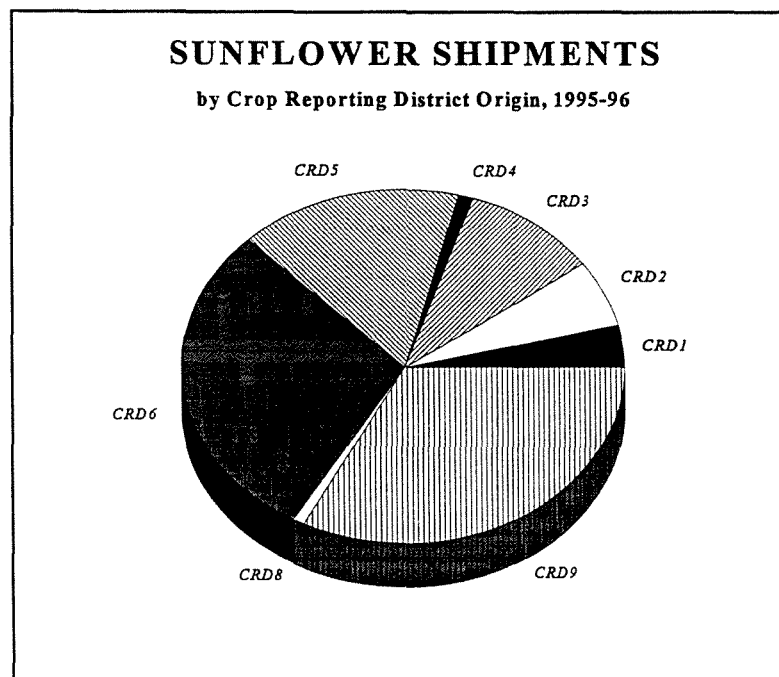


**SUNFLOWER SHIPMENTS**  
1986-87 to 1995-96



**NORTH DAKOTA SUNFLOWER SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN  
(thousand bu.)**

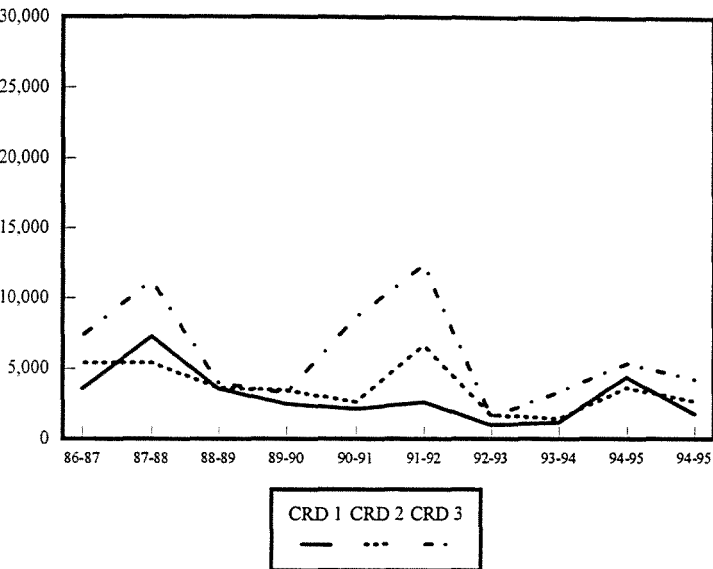
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	3,582 (6%)	5,414 (9%)	7,336 (12%)	2,753 (5%)	10,284 (17%)	14,437 (24%)	830 (1%)	1,875 (3%)	14,556 (24%)	61,067 (100%)
1987-88	7,305 (12%)	5,414 (9%)	11,280 (18%)	3,031 (5%)	11,429 (18%)	9,926 (16%)	1,543 (2%)	2,371 (4%)	11,120 (18%)	63,419 (100%)
1988-89	3,608 (9%)	3,631 (9%)	3,983 (10%)	1,554 (4%)	7,228 (19%)	11,054 (28%)	1,076 (3%)	1,019 (3%)	5,899 (15%)	39,052 (100%)
1989-90	2,487 (8%)	3,466 (11%)	3,258 (10%)	810 (3%)	6,560 (20%)	7,460 (23%)	308 (1%)	613 (2%)	7,212 (22%)	32,174 (100%)
1990-91	2,146 (6%)	2,648 (7%)	8,634 (23%)	1,357 (4%)	6,893 (19%)	7,900 (21%)	118 (0%)	291 (1%)	7,099 (19%)	37,086 (100%)
1991-92	2,635 (5%)	6,689 (12%)	12,414 (22%)	385 (1%)	13,507 (23%)	11,307 (19%)	78 (0%)	185 (0%)	10,142 (18%)	57,364 (100%)
1992-93	1,033 (6%)	1,681 (9%)	1,571 (8%)	520 (2%)	5,216 (28%)	5,191 (28%)	29 (0%)	53 (0%)	3,451 (18%)	18,750 (100%)
1993-94	1,223 (1%)	1,443 (1%)	3,333 (13%)	81 (1%)	4,339 (17%)	7,873 (30%)	59 (1%)	79 (1%)	7,586 (29%)	26,017 (100%)
1994-95	4,413 (9%)	3,641 (7%)	5,358 (11%)	551 (1%)	7,664 (15%)	11,381 (23%)	45 (0%)	436 (1%)	16,430 (33%)	49,921 (100%)
1995-96	1,768 (4%)	2,668 (6%)	4,228 (10%)	440 (1%)	6,609 (16%)	11,918 (29%)	96 (0%)	464 (1%)	13,336 (32%)	41,528 (100%)



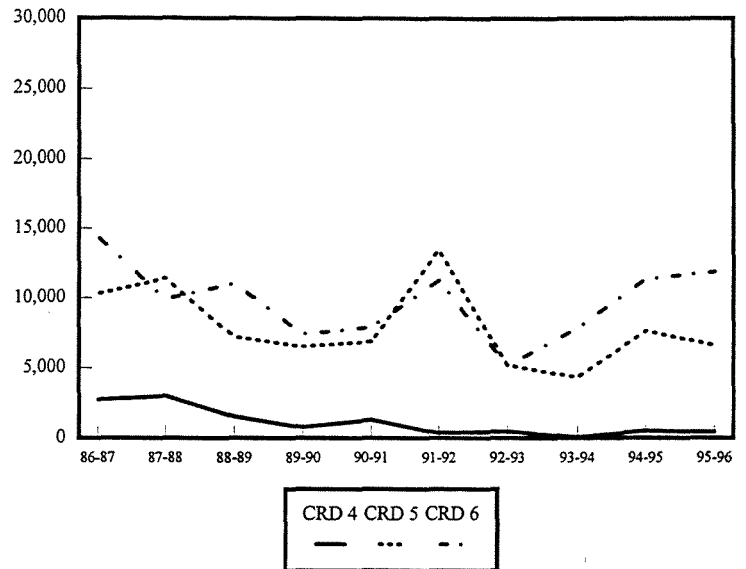


# SUNFLOWER SHIPMENTS BY CROP REPORTING DISTRICT

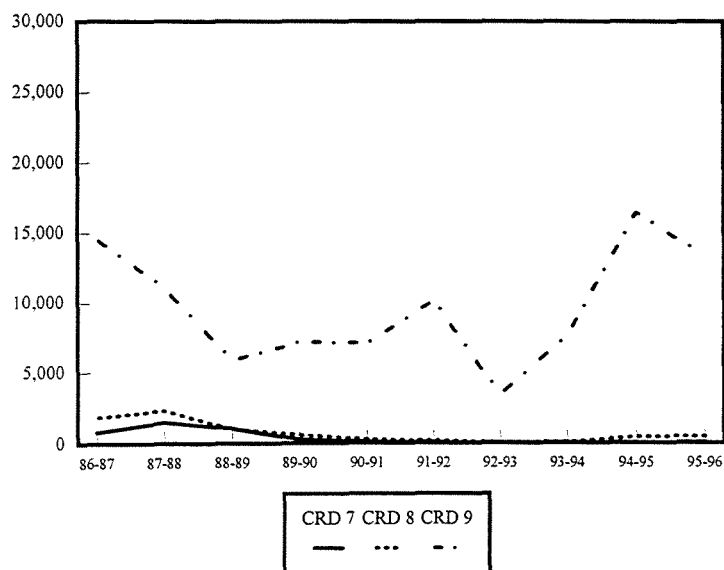
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)





***OATS***  
***SHIPMENTS***

**NORTH DAKOTA OATS SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

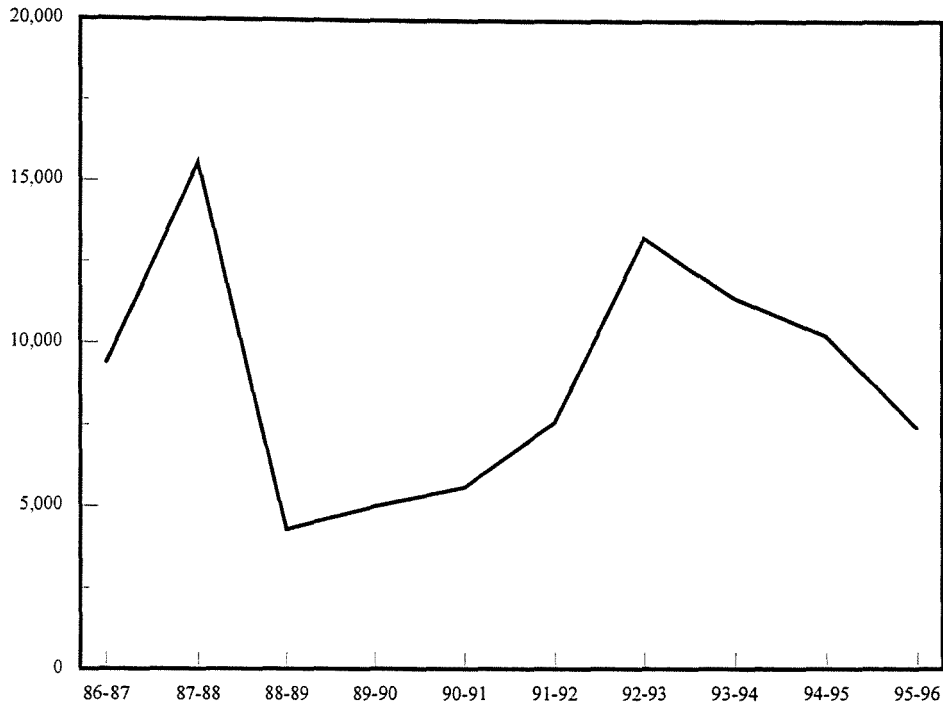
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Duluth - Superior</b>	<b>West</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>4,690</b> (50%)	<b>74</b> (1%)	<b>193</b> (2%)	<b>4,430</b> (47%)	<b>9,387</b> (100%)
<b>1987-88</b>	<b>8,272</b> (53%)	<b>25</b> (0%)	<b>96</b> (1%)	<b>7,183</b> (46%)	<b>15,576</b> (100%)
<b>1988-89</b>	<b>2,999</b> (70%)	<b>83</b> (2%)	<b>17</b> (0%)	<b>1,197</b> (28%)	<b>4,296</b> (100%)
<b>1989-90</b>	<b>3,179</b> (63%)	<b>36</b> (1%)	<b>12</b> (0%)	<b>1,788</b> (36%)	<b>5,015</b> (100%)
<b>1990-91</b>	<b>2,496</b> (45%)	<b>45</b> (1%)	<b>316</b> (6%)	<b>2,744</b> (49%)	<b>5,601</b> (100%)
<b>1991-92</b>	<b>4,518</b> (59%)	<b>146</b> (2%)	<b>181</b> (2%)	<b>2,754</b> (37%)	<b>7,601</b> (100%)
<b>1992-93</b>	<b>5,468</b> (41%)	<b>284</b> (0%)	<b>270</b> (2%)	<b>7,505</b> (57%)	<b>13,272</b> (100%)
<b>1993-94</b>	<b>6,361</b> (56%)	<b>206</b> (2%)	<b>47</b> (0%)	<b>4,812</b> (42%)	<b>11,427</b> (100%)
<b>1994-95</b>	<b>5,848</b> (57%)	<b>105</b> (1%)	<b>67</b> (1%)	<b>4,242</b> (42%)	<b>10,262</b> (100%)
<b>1995-96</b>	<b>4,134</b> (55%)	<b>191</b> (3%)	<b>28</b> (0%)	<b>3,109</b> (43%)	<b>7,461</b> (100%)

Miscellaneous markets include shipments to North Dakota destinations (1%), Midland/Southwest destinations (24%), other Minnesota/Wisconsin destinations (9%), and all other markets (8%).

## OATS SHIPMENTS

1986-87 to 1995-96

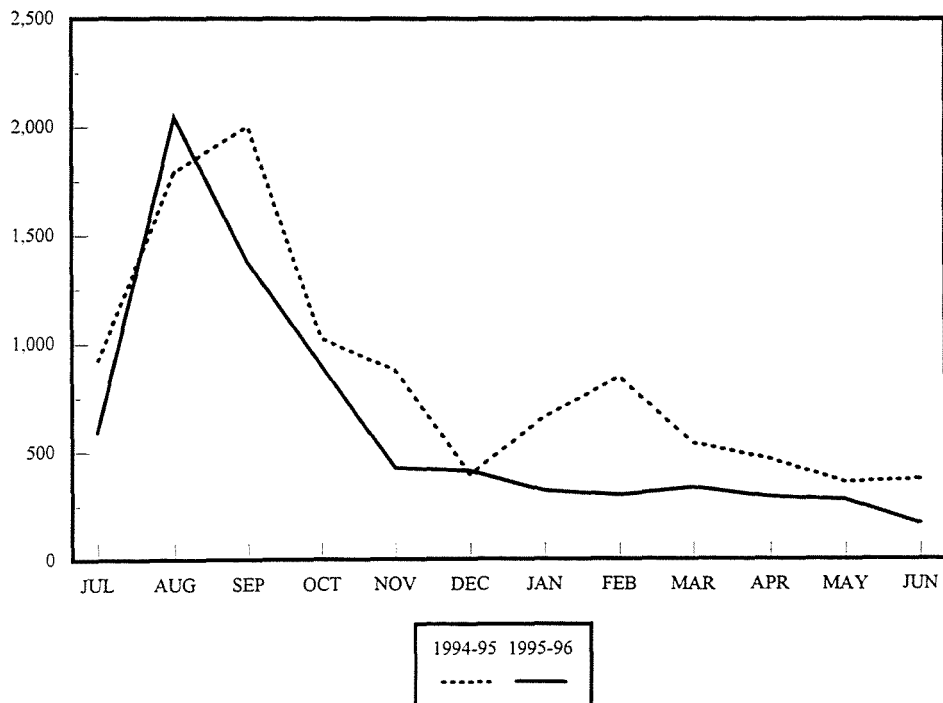
thousand bushels



## OATS SHIPMENTS

by Month, 1994-95 to 1995-96

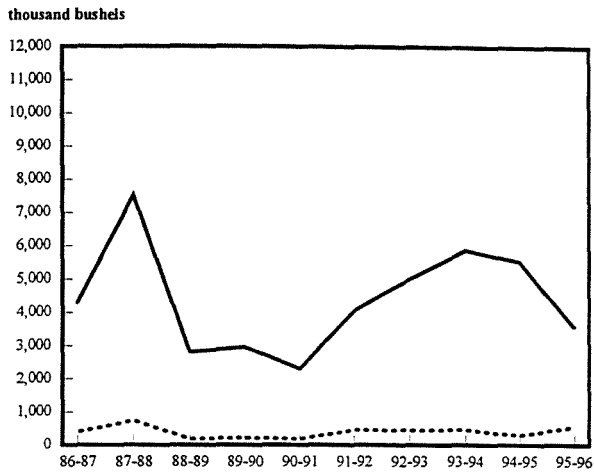
thousand bushels



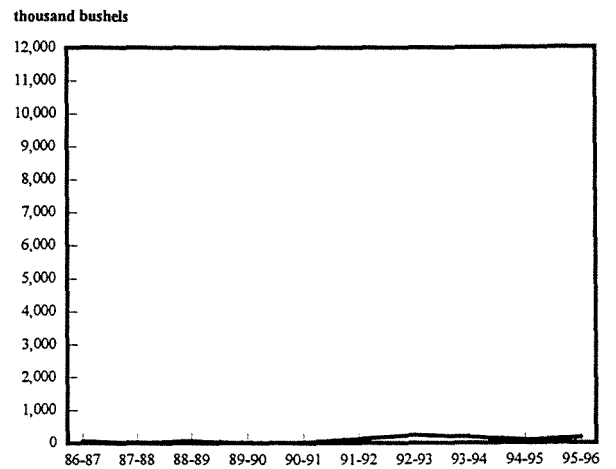
**NORTH DAKOTA OATS SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	Minneapolis - St. Paul		Duluth - Superior		West		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	4,287 (91%)	403 (9%)	73 (98%)	1 (2%)	55 (28%)	139 (72%)	2,659 (60%)	1,771 (40%)	7,074 (75%)	2,314 (25%)
1987-88	7,525 (91%)	747 (9%)	24 (96%)	1 (4%)	61 (64%)	35 (36%)	6,005 (84%)	1,178 (16%)	13,615 (87%)	1,961 (13%)
1988-89	2,810 (94%)	189 (6%)	82 (98%)	1 (2%)	8 (51%)	8 (49%)	736 (61%)	461 (39%)	3,637 (85%)	660 (15%)
1989-90	2,959 (93%)	220 (7%)	5 (13%)	31 (87%)	9 (73%)	3 (27%)	511 (29%)	1,277 (71%)	3,484 (69%)	1,531 (31%)
1990-91	2,306 (92%)	191 (8%)	36 (80%)	9 (20%)	240 (76%)	75 (24%)	924 (34%)	1,820 (66%)	3,506 (63%)	2,095 (37%)
1991-92	4,055 (90%)	461 (10%)	140 (96%)	5 (4%)	149 (82%)	31 (8%)	1,411 (51%)	1,341 (49%)	5,758 (76%)	1,842 (24%)
1992-93	5,018 (92%)	450 (8%)	251 (88%)	3 (12%)	74 (27%)	196 (73%)	5,415 (72%)	2,090 (28%)	10,533 (79%)	2,739 (21%)
1993-94	5,893 (93%)	468 (7%)	195 (95%)	11 (5%)	20 (43%)	26 (57%)	2,596 (54%)	2,216 (46%)	8,705 (76%)	2,722 (24%)
1994-95	5,546 (95%)	302 (5%)	98 (93%)	6 (7%)	52 (78%)	15 (22%)	2,564 (60%)	1,677 (40%)	8,261 (81%)	2,001 (19%)
1995-96	3,584 (87%)	550 (13%)	181 (95%)	10 (5%)	24 (86%)	3 (14%)	1,664 (54%)	1,444 (46%)	5,454 (73%)	2,008 (27%)

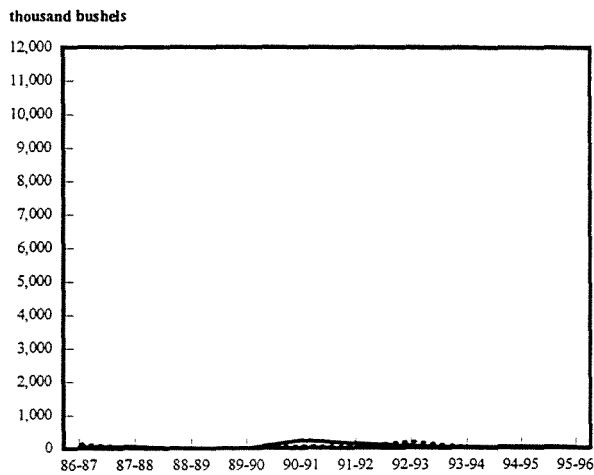
**OATS TO MINNEAPOLIS**  
1986-87 to 1995-96



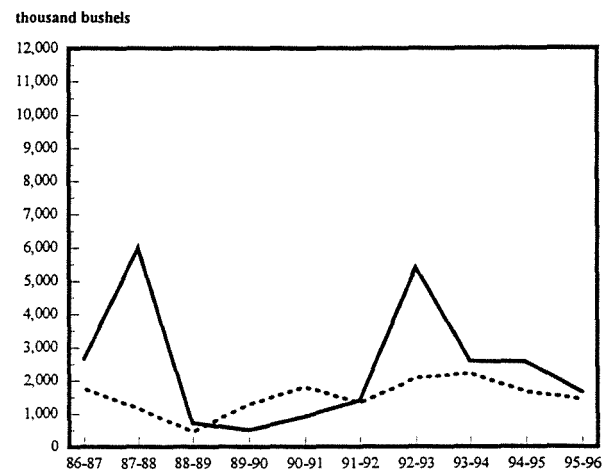
**OATS TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



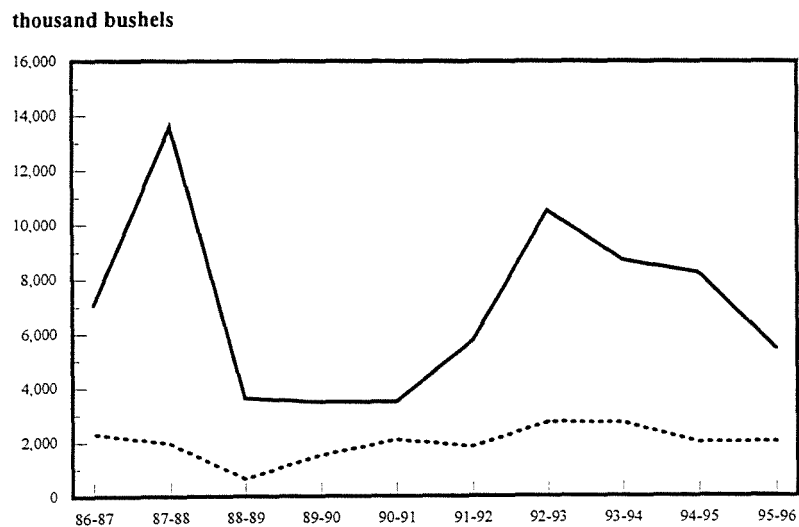
**OATS TO WEST**  
1986-87 to 1995-96



**OATS TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96



**OATS SHIPMENTS**  
1986-87 to 1995-96

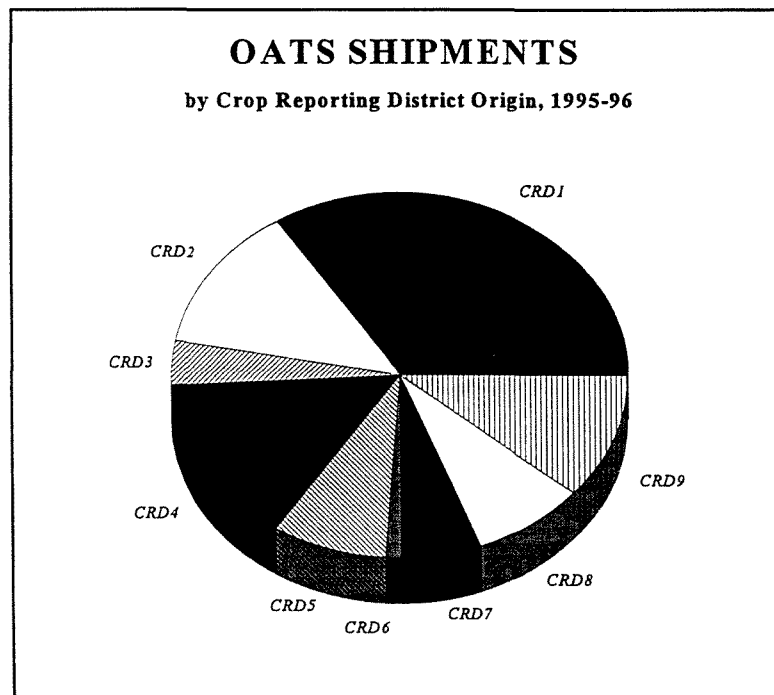


Rail Truck

— — —

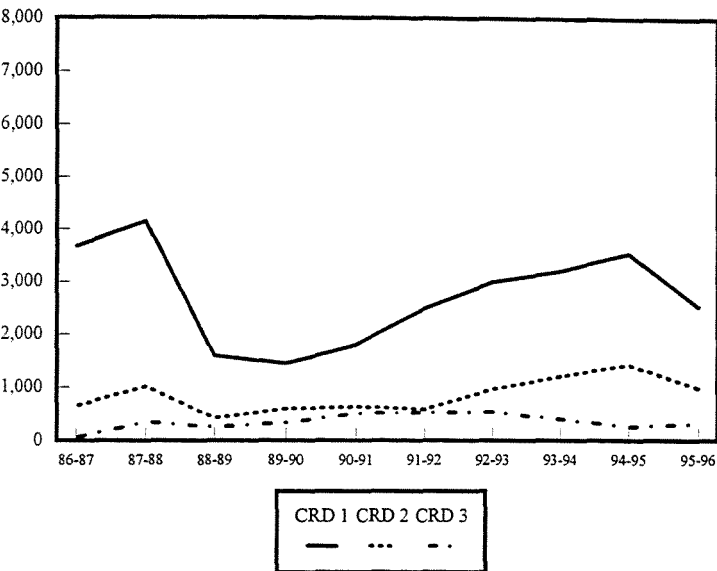
**NORTH DAKOTA OATS SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
(thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	3,681 (39%)	656 (7%)	72 (1%)	1,858 (20%)	642 (7%)	354 (4%)	452 (5%)	463 (5%)	1,211 (13%)	9,387 (100%)
1987-88	4,162 (27%)	1,017 (7%)	352 (2%)	2,001 (13%)	2,101 (13%)	729 (5%)	1,443 (9%)	1,365 (9%)	2,398 (15%)	15,568 (100%)
1988-89	1,600 (37%)	424 (10%)	255 (6%)	402 (9%)	587 (14%)	158 (4%)	192 (4%)	363 (8%)	313 (7%)	4,294 (100%)
1989-90	1,453 (29%)	600 (12%)	342 (7%)	330 (7%)	409 (8%)	794 (16%)	75 (1%)	240 (5%)	772 (15%)	5,015 (100%)
1990-91	1,809 (32%)	636 (11%)	515 (9%)	605 (11%)	386 (7%)	911 (16%)	52 (1%)	70 (1%)	617 (11%)	5,601 (100%)
1991-92	2,492 (33%)	596 (8%)	532 (7%)	848 (11%)	499 (7%)	763 (10%)	73 (1%)	322 (4%)	1,472 (19%)	7,601 (100%)
1992-93	2,997 (23%)	971 (7%)	539 (4%)	1,308 (10%)	3,209 (24%)	948 (7%)	289 (2%)	1,127 (9%)	1,879 (14%)	13,271 (100%)
1993-94	3,211 (28%)	1,210 (11%)	409 (4%)	1,616 (14%)	1,537 (13%)	455 (4%)	337 (3%)	1,032 (9%)	1,618 (14%)	11,427 (100%)
1994-95	3,544 (35%)	1,426 (14%)	260 (3%)	1,540 (15%)	968 (9%)	79 (1%)	276 (3%)	974 (10%)	1,195 (12%)	10,262 (100%)
1995-96	2,531 (34%)	995 (13%)	320 (4%)	1,156 (15%)	564 (8%)	89 (1%)	413 (6%)	597 (8%)	796 (11%)	7,461 (100%)

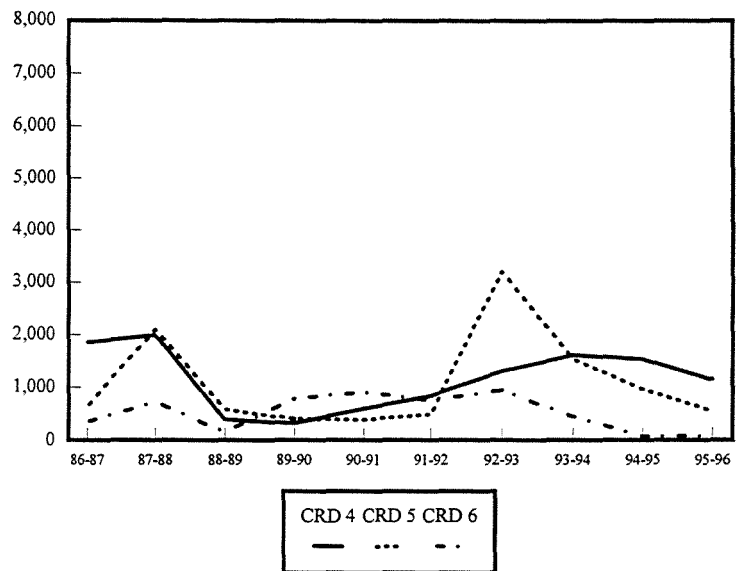


# OATS SHIPMENTS BY CROP REPORTING DISTRICT

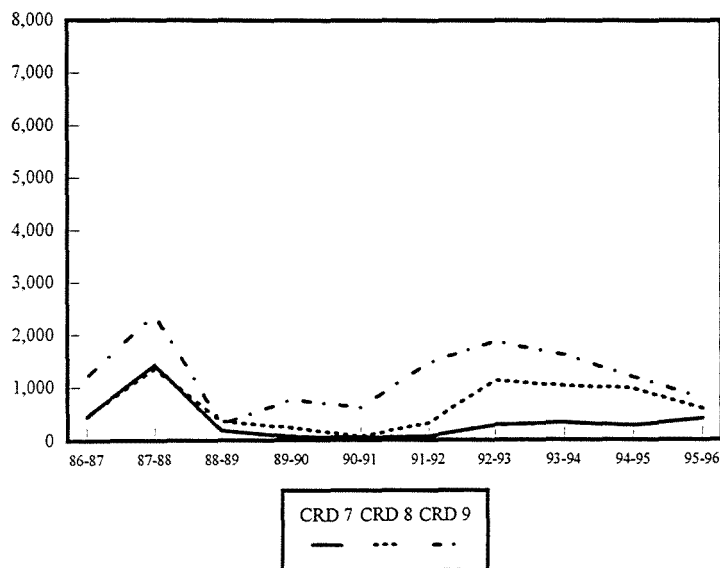
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)







***SOYBEAN  
SHIPMENTS***

**NORTH DAKOTA SOYBEAN SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

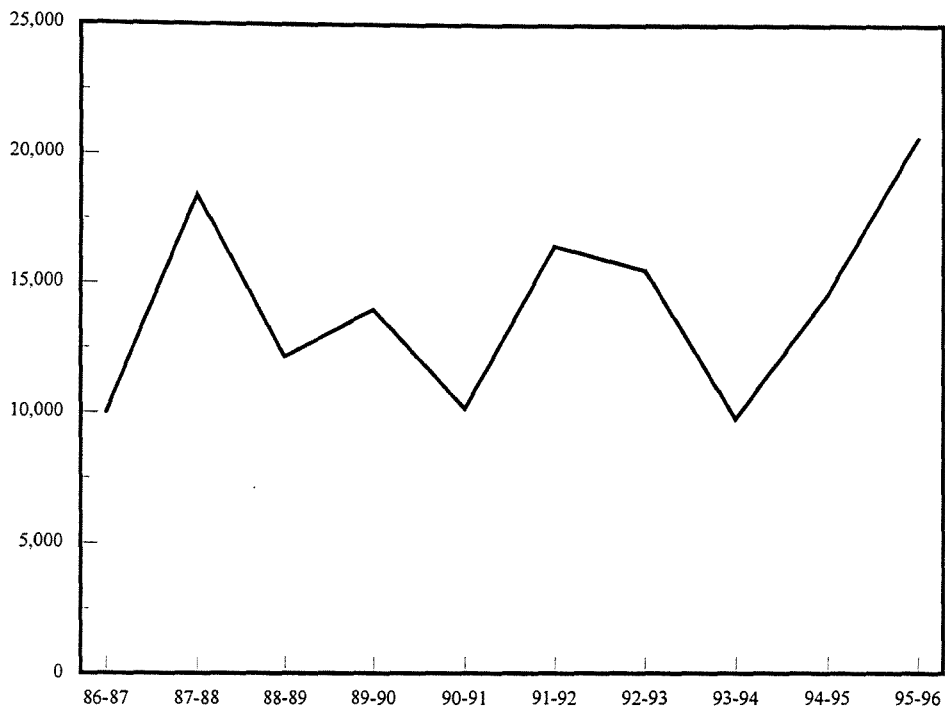
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Duluth - Superior</b>	<b>West</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>4,933</b> (49%)	<b>166</b> (2%)	<b>2,144</b> (21%)	<b>2,747</b> (27%)	<b>9,990</b> (100%)
<b>1987-88</b>	<b>4,666</b> (25%)	<b>2,800</b> (15%)	<b>7,797</b> (42%)	<b>3,150</b> (17%)	<b>18,413</b> (100%)
<b>1988-89</b>	<b>2,315</b> (19%)	<b>2,347</b> (19%)	<b>5,375</b> (44%)	<b>2,121</b> (17%)	<b>12,160</b> (100%)
<b>1989-90</b>	<b>1,819</b> (13%)	<b>1,379</b> (10%)	<b>6,712</b> (48%)	<b>4,105</b> (29%)	<b>14,015</b> (100%)
<b>1990-91</b>	<b>1,802</b> (18%)	<b>1,268</b> (12%)	<b>4,001</b> (39%)	<b>3,114</b> (31%)	<b>10,185</b> (100%)
<b>1991-92</b>	<b>3,025</b> (18%)	<b>510</b> (3%)	<b>7,552</b> (46%)	<b>5,374</b> (33%)	<b>16,464</b> (100%)
<b>1992-93</b>	<b>3,594</b> (23%)	<b>354</b> (2%)	<b>8,396</b> (54%)	<b>3,184</b> (21%)	<b>15,528</b> (100%)
<b>1993-94</b>	<b>3,115</b> (32%)	<b>621</b> (6%)	<b>3,669</b> (37%)	<b>2,410</b> (25%)	<b>9,815</b> (100%)
<b>1994-95</b>	<b>2,825</b> (19%)	<b>3,110</b> (21%)	<b>6,806</b> (47%)	<b>1,853</b> (13%)	<b>14,594</b> (100%)
<b>1995-96</b>	<b>1,567</b> (8%)	<b>3,935</b> (19%)	<b>11,676</b> (57%)	<b>3,483</b> (17%)	<b>20,663</b> (100%)

Miscellaneous markets include shipments to other Minnesota/Wisconsin destinations (2%), Midland/Southwest destinations (2%), and all other markets including North Dakota processors (13%).

## SOYBEAN SHIPMENTS

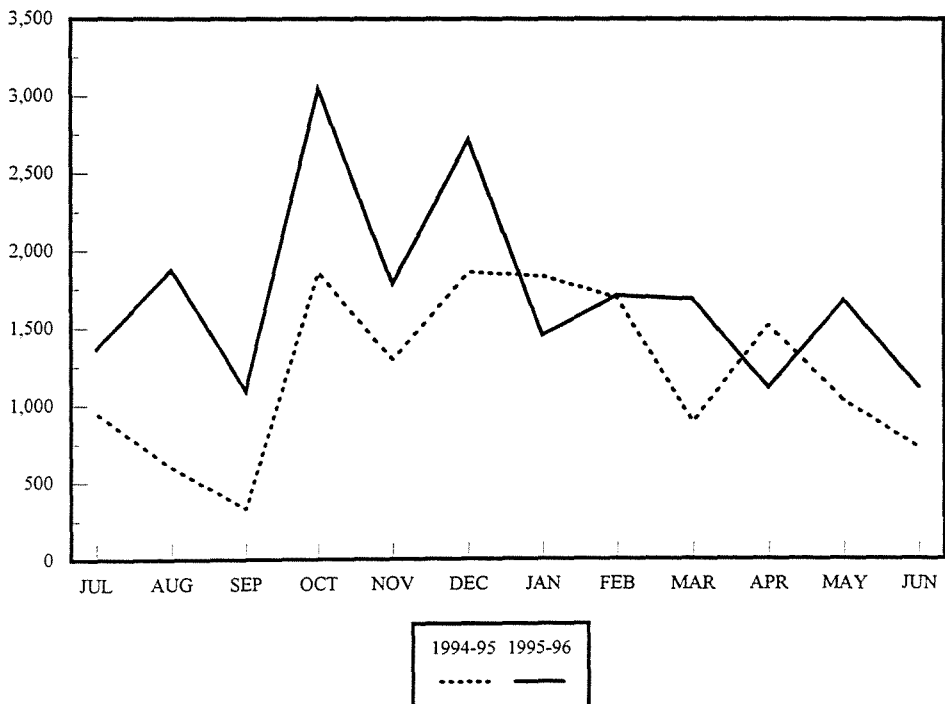
1986-87 to 1995-96

thousand bushels



## SOYBEAN SHIPMENTS by Month, 1994-95 to 1995-96

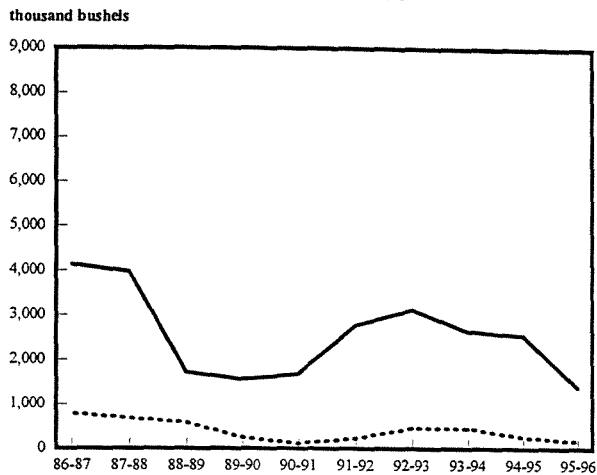
thousand bushels



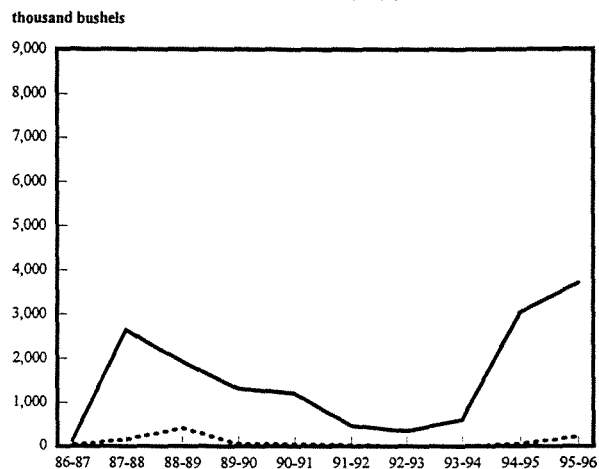
**NORTH DAKOTA SOYBEAN SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

YEAR	Minneapolis - St. Paul		Duluth - Superior		West		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	4,137 (84%)	797 (16%)	123 (74%)	42 (26%)	2,132 (99%)	12 (1%)	1,532 (56%)	1,215 (44%)	7,924 (79%)	2,066 (21%)
1987-88	3,979 (85%)	687 (15%)	2,645 (94%)	155 (6%)	7,778 (100%)	19 (0%)	1,692 (54%)	1,458 (46%)	16,094 (87%)	2,319 (13%)
1988-89	1,732 (75%)	583 (25%)	1,931 (82%)	416 (18%)	5,162 (96%)	213 (4%)	468 (22%)	1,652 (78%)	9,294 (76%)	2,865 (24%)
1989-90	1,565 (86%)	254 (14%)	1,320 (96%)	60 (4%)	6,705 (100%)	7 (0%)	618 (15%)	3,486 (85%)	10,208 (73%)	3,807 (27%)
1990-91	1,683 (93%)	120 (7%)	1,215 (96%)	54 (4%)	3,816 (95%)	185 (5%)	772 (25%)	2,340 (75%)	7,486 (74%)	2,699 (26%)
1991-92	2,782 (92%)	242 (8%)	479 (94%)	31 (6%)	7,184 (95%)	367 (5%)	2,987 (56%)	2,386 (44%)	13,434 (82%)	3,029 (18%)
1992-93	3,131 (87%)	463 (13%)	349 (99%)	5 (1%)	8,387 (100%)	8 (0%)	2,126 (67%)	1,058 (33%)	13,992 (90%)	1,536 (10%)
1993-94	2,655 (85%)	460 (15%)	614 (99%)	7 (1%)	3,667 (100%)	3 (0%)	1,855 (77%)	556 (23%)	8,789 (89%)	1,026 (11%)
1994-95	2,552 (90%)	273 (10%)	3,047 (98%)	63 (2%)	6,542 (96%)	264 (4%)	1,290 (70%)	562 (30%)	13,431 (92%)	1,163 (8%)
1995-96	1,398 (89%)	170 (11%)	3,711 (94%)	225 (6%)	11,674 (99%)	2 (1%)	2,433 (70%)	1,049 (30%)	19,216 (93%)	1,447 (7%)

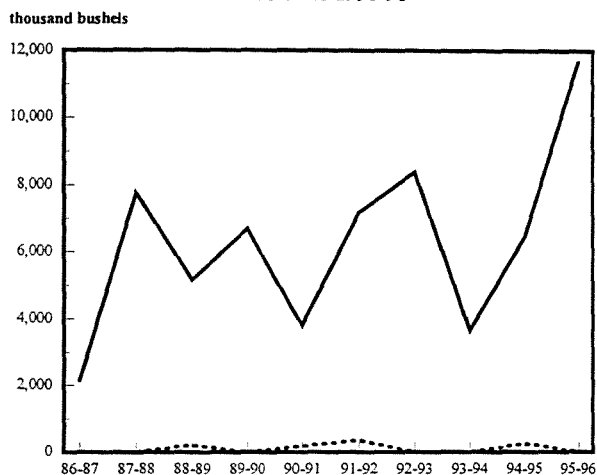
**SOYBEANS TO MINNEAPOLIS**  
1986-87 to 1995-96



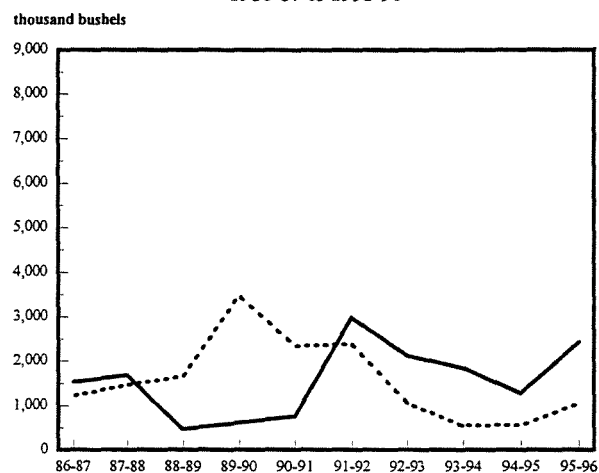
**SOYBEANS TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



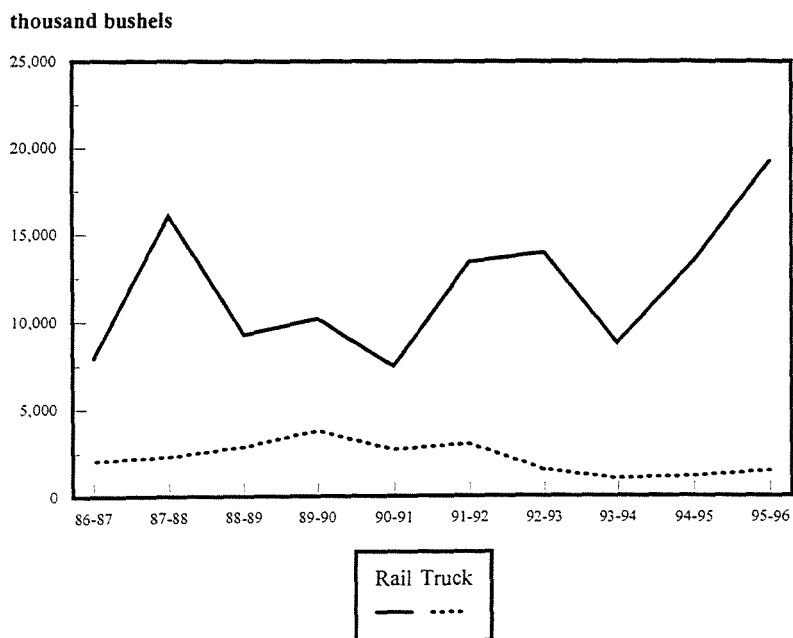
**SOYBEANS TO WEST**  
1986-87 to 1995-96



**SOYBEANS TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96

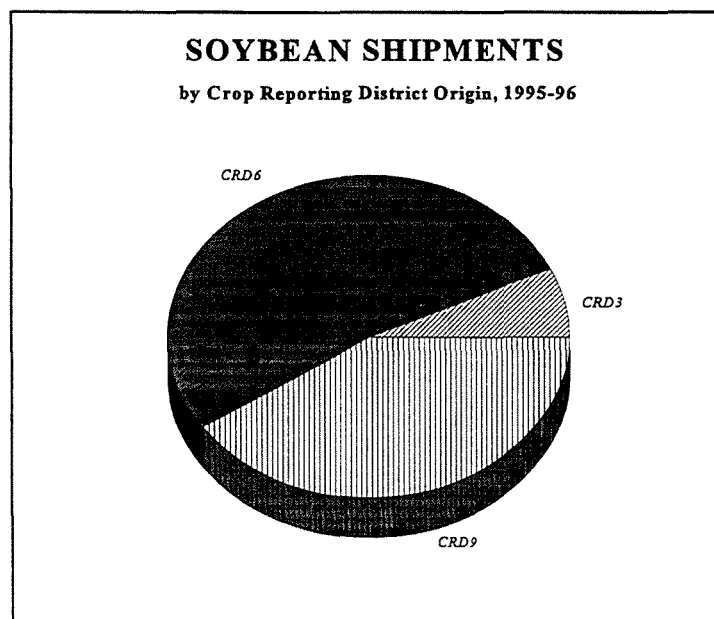


**SOYBEAN SHIPMENTS**  
1986-87 to 1995-96



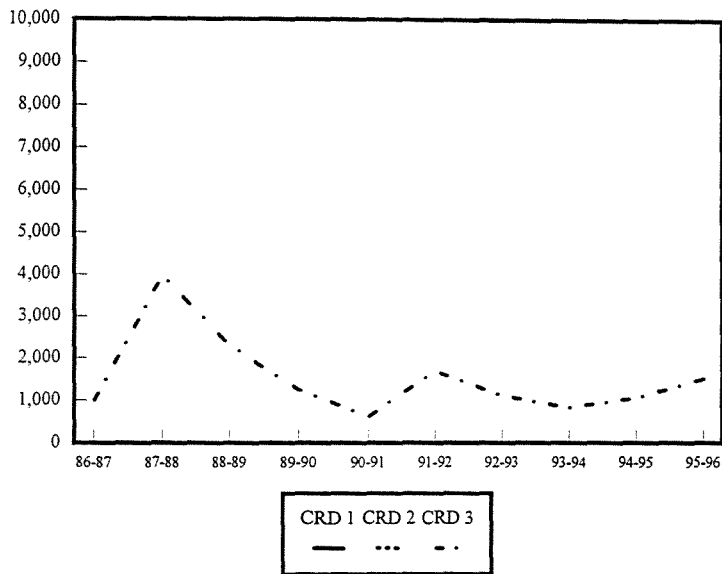
**NORTH DAKOTA SOYBEAN SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
(thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	0 (0%)	9 (0%)	958 (10%)	0 (0%)	11 (0%)	4,540 (45%)	0 (0%)	3 (0%)	4,469 (45%)	9,990 (100%)
1987-88	20 (0%)	15 (0%)	3,966 (21%)	1 (0%)	47 (0%)	7,780 (42%)	113 (1%)	18 (0%)	6,555 (35%)	18,414 (100%)
1988-89	7 (0%)	6 (0%)	2,331 (19%)	0 (0%)	35 (0%)	5,502 (45%)	0 (0%)	18 (0%)	4,258 (35%)	12,157 (100%)
1989-90	0 (0%)	14 (0%)	1,251 (9%)	3 (0%)	77 (1%)	6,491 (46%)	4 (0%)	3 (0%)	6,172 (44%)	14,015 (100%)
1990-91	3 (0%)	6 (0%)	622 (6%)	29 (0%)	36 (0%)	5,369 (53%)	0 (0%)	122 (1%)	3,998 (39%)	10,185 (100%)
1991-92	0 (0%)	11 (0%)	1,696 (10%)	883 (5%)	78 (0%)	8,491 (51%)	220 (1%)	0 (0%)	6,184 (37%)	16,464 (100%)
1992-93	8 (0%)	4 (0%)	1,112 (7%)	8 (0%)	14 (0%)	7,900 (51%)	--	3 (0%)	6,475 (42%)	15,527 (100%)
1993-94	3 (0%)	0 (0%)	827 (8%)	0 (0%)	22 (0%)	4,986 (51%)	0 (0%)	0 (0%)	3,976 (41%)	9,815 (100%)
1994-95	0 (0%)	5 (0%)	1,057 (7%)	0 (0%)	15 (0%)	7,818 (54%)	0 (0%)	0 (0%)	5,700 (39%)	14,594 (100%)
1995-96	2 (0%)	12 (0%)	1,508 (7%)	1 (0%)	73 (0%)	10,714 (52%)	0 (0%)	0 (0%)	8,353 (40%)	20,663 (100%)

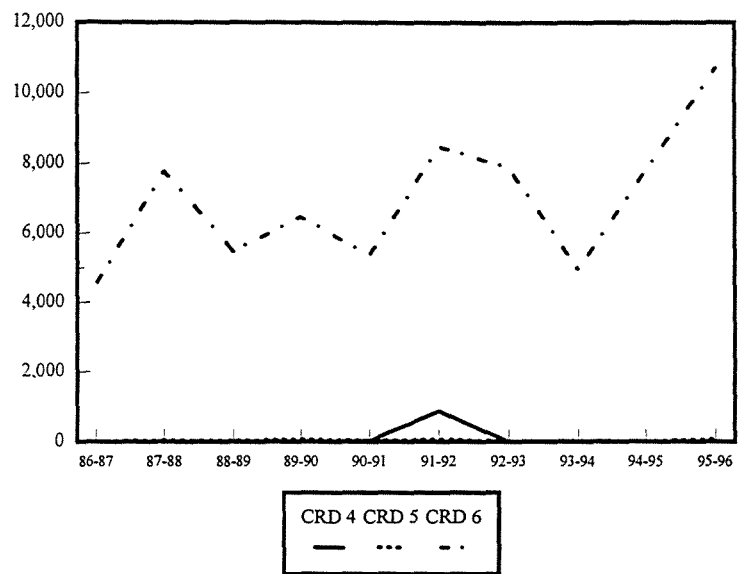


# SOYBEAN SHIPMENTS BY CROP REPORTING DISTRICT

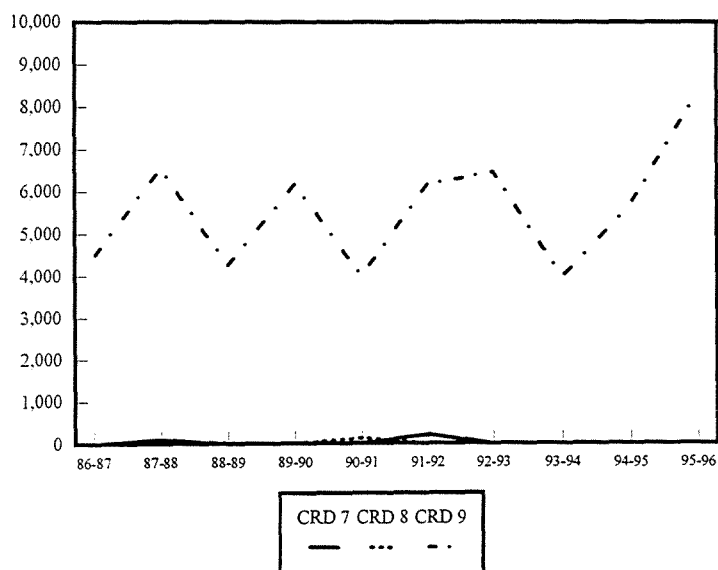
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)





***FLAX  
SHIPMENTS***



**NORTH DAKOTA FLAXSEED SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

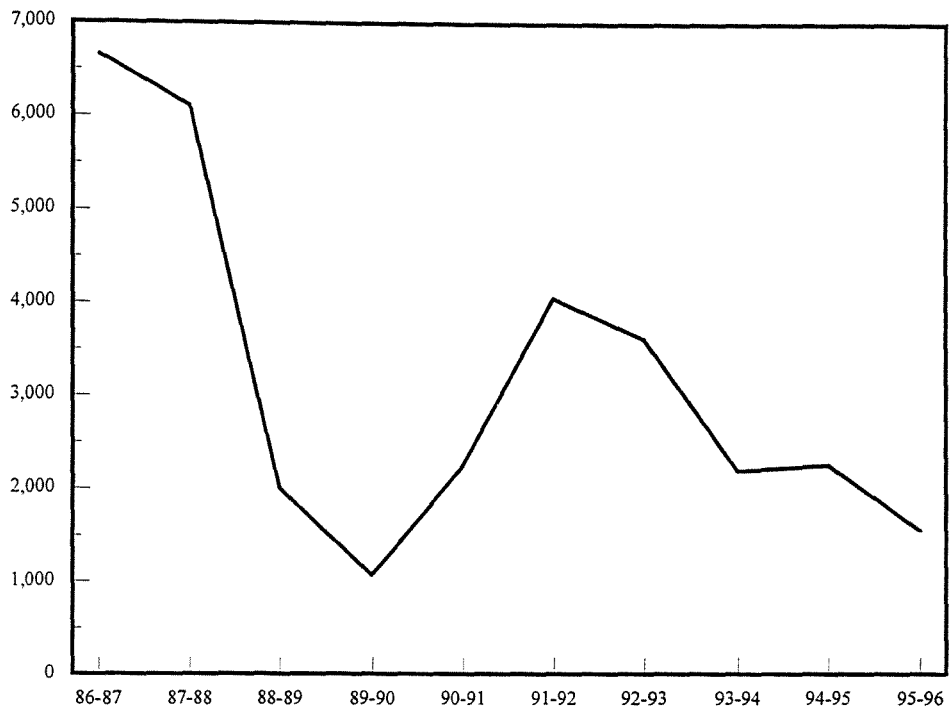
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Other Minnesota - Wisconsin</b>	<b>North Dakota</b>	<b>Misc.</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>1,055</b> (16%)	<b>1,829</b> (27%)	<b>2,495</b> (37%)	<b>1,287</b> (19%)	<b>6,666</b> (100%)
<b>1987-88</b>	<b>1,202</b> (20%)	<b>2,007</b> (33%)	<b>1,758</b> (29%)	<b>1,143</b> (19%)	<b>6,110</b> (100%)
<b>1988-89</b>	<b>214</b> (11%)	<b>849</b> (42%)	<b>650</b> (32%)	<b>299</b> (15%)	<b>2,013</b> (100%)
<b>1989-90</b>	<b>209</b> (19%)	<b>269</b> (25%)	<b>425</b> (39%)	<b>174</b> (16%)	<b>1,077</b> (100%)
<b>1990-91</b>	<b>422</b> (19%)	<b>487</b> (22%)	<b>1,068</b> (47%)	<b>281</b> (12%)	<b>2,258</b> (100%)
<b>1991-92</b>	<b>1,141</b> (28%)	<b>504</b> (12%)	<b>1,750</b> (43%)	<b>659</b> (16%)	<b>4,058</b> (100%)
<b>1992-93</b>	<b>469</b> (13%)	<b>567</b> (16%)	<b>1,501</b> (41%)	<b>1,084</b> (30%)	<b>3,621</b> (100%)
<b>1993-94</b>	<b>750</b> (34%)	<b>539</b> (25%)	<b>683</b> (31%)	<b>227</b> (10%)	<b>2,200</b> (100%)
<b>1994-95</b>	<b>513</b> (23%)	<b>447</b> (20%)	<b>923</b> (41%)	<b>386</b> (17%)	<b>2,270</b> (100%)
<b>1995-96</b>	<b>371</b> (24%)	<b>171</b> (11%)	<b>691</b> (44%)	<b>338</b> (21%)	<b>1,571</b> (100%)

Miscellaneous markets include shipments to Duluth Superior destinations (1%), Midland/Southwest markets (5%), Pacific Northwest markets (8%), and all other markets (7%).

## FLAX SHIPMENTS

1986-87 to 1995-96

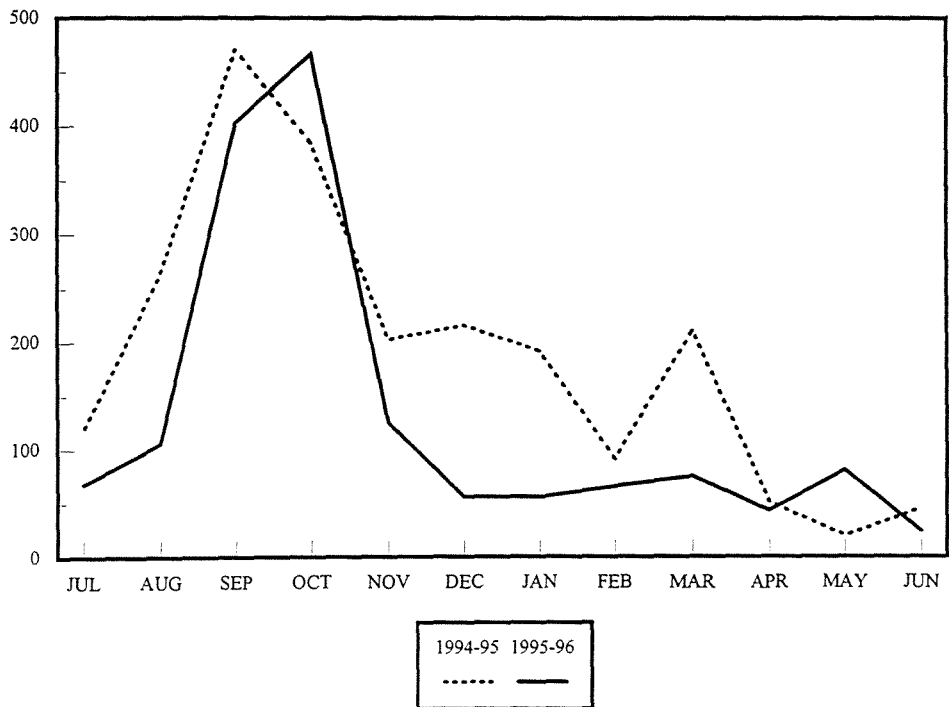
thousand bushels



## FLAX SHIPMENTS

by Month, 1994-95 to 1995-96

thousand bushels

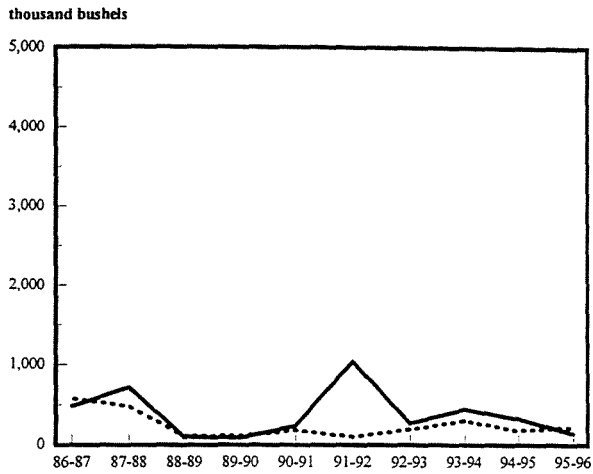


**NORTH DAKOTA FLAXSEED SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

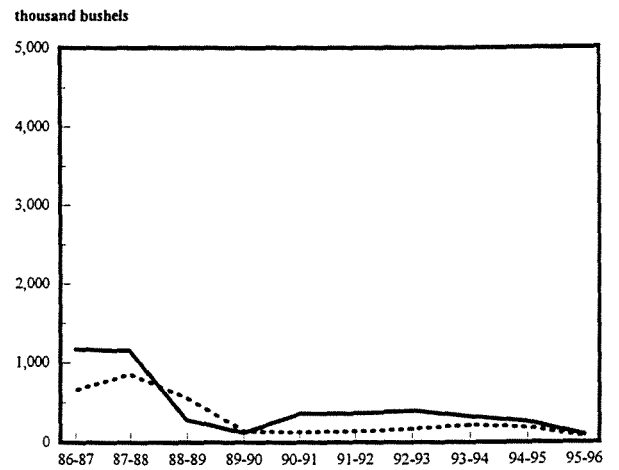
YEAR	Minneapolis-St. Paul		Other Minnesota - Wisconsin		North Dakota		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1986-87	478 (45%)	577 (55%)	1,175 (64%)	654 (36%)	413 (17%)	2,082 (83%)	830 (64%)	457 (36%)	2,896 (43%)	3,770 (57%)
1987-88	721 (60%)	481 (40%)	1,152 (57%)	855 (43%)	445 (25%)	1,313 (75%)	404 (35%)	737 (65%)	2,722 (45%)	3,386 (55%)
1988-89	101 (47%)	112 (53%)	288 (34%)	561 (66%)	44 (7%)	606 (93%)	125 (42%)	174 (58%)	559 (28%)	1,454 (72%)
1989-90	92 (44%)	116 (56%)	125 (46%)	144 (54%)	25 (6%)	400 (94%)	61 (35%)	113 (65%)	304 (28%)	773 (72%)
1990-91	238 (56%)	184 (44%)	358 (74%)	129 (26%)	117 (11%)	951 (89%)	145 (52%)	136 (48%)	858 (38%)	1,400 (62%)
1991-92	1,039 (91%)	102 (9%)	364 (72%)	140 (28%)	160 (9%)	1,590 (91%)	499 (76%)	158 (24%)	2,065 (51%)	1,993 (49%)
1992-93	275 (59%)	195 (41%)	398 (70%)	169 (30%)	81 (5%)	1,420 (95%)	819 (75%)	266 (25%)	1,572 (43%)	2,050 (57%)
1993-94	449 (60%)	302 (40%)	327 (61%)	213 (39%)	19 (3%)	664 (97%)	78 (34%)	150 (66%)	872 (40%)	1,329 (60%)
1994-95	330 (64%)	183 (36%)	259 (58%)	187 (42%)	122 (13%)	801 (87%)	155 (40%)	231 (60%)	867 (38%)	1,402 (62%)
1995-96	152 (41%)	219 (59%)	98 (57%)	73 (43%)	49 (7%)	642 (93%)	237 (70%)	100 (30%)	537 (34%)	1034 (66%)

Miscellaneous markets include shipments to Duluth-Superior, Midland/Southwest and Pacific Northwest destinations.

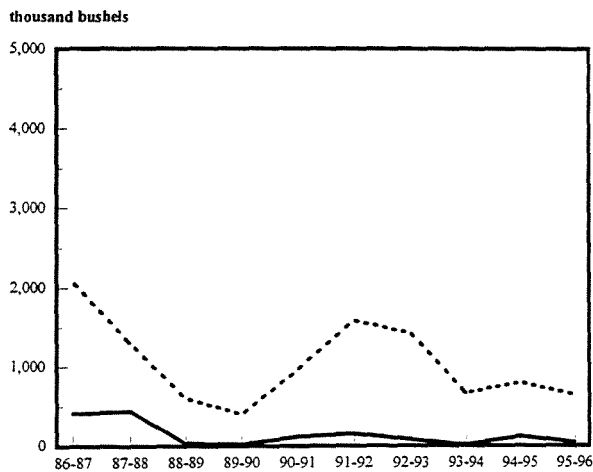
**FLAX TO MINNEAPOLIS**  
1986-87 to 1995-96



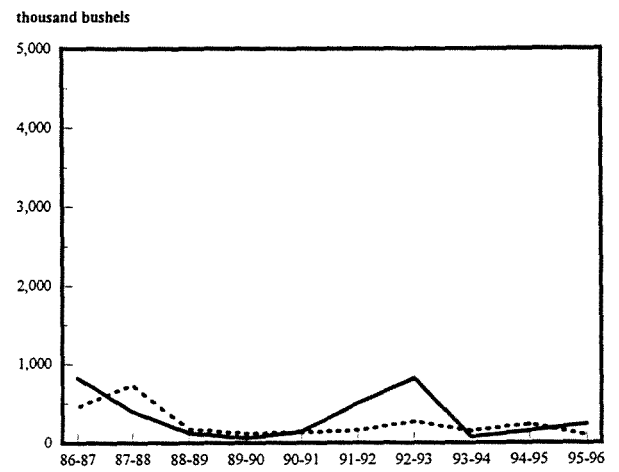
**FLAX TO OTHER MINN/WISC**  
1986-87 to 1995-96



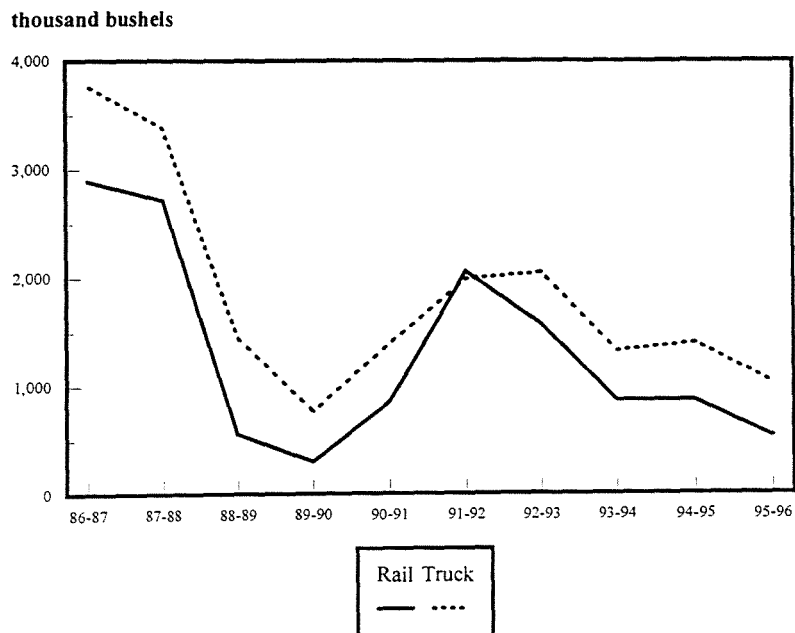
**FLAX TO NORTH DAKOTA**  
1986-87 to 1995-96



**FLAX TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96

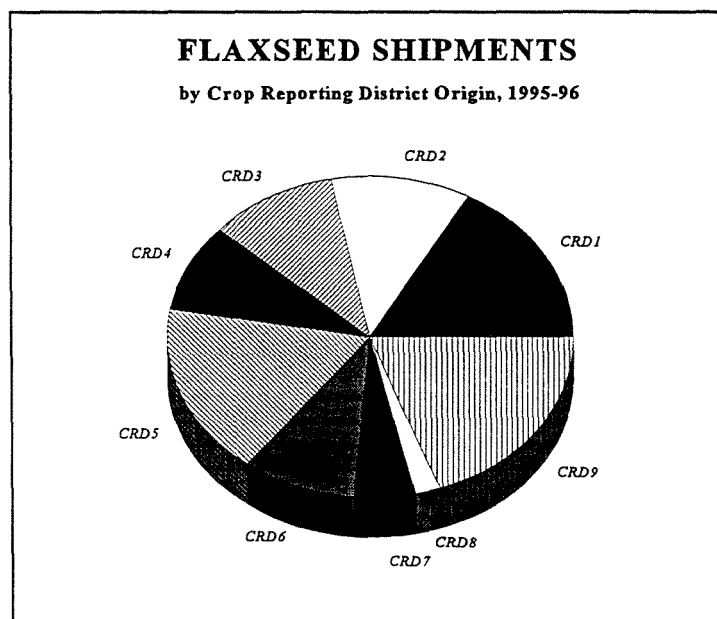


**FLAX SHIPMENTS**  
1986-87 to 1995-96



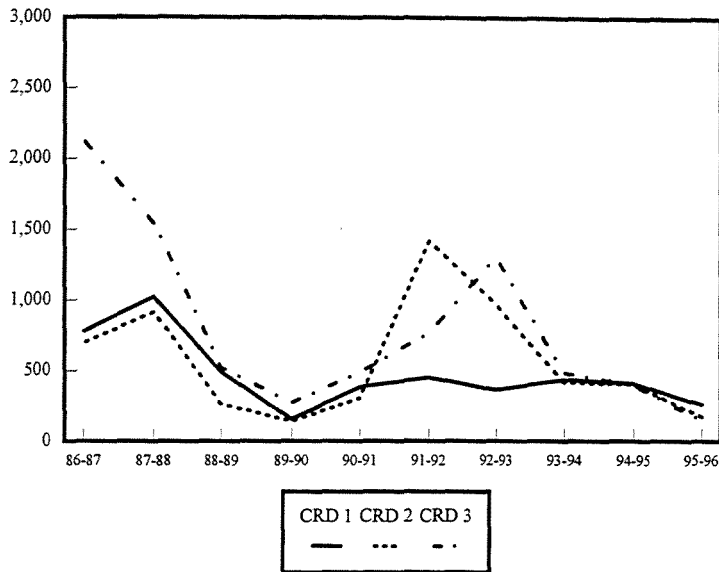
**NORTH DAKOTA FLAXSEED SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
(thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	780 (12%)	697 (10%)	2,132 (32%)	454 (7%)	803 (12%)	759 (11%)	62 (1%)	280 (4%)	697 (11%)	6,666 (100%)
1987-88	1,026 (17%)	918 (15%)	1,548 (25%)	545 (9%)	835 (14%)	436 (7%)	54 (1%)	244 (4%)	503 (8%)	6,109 (100%)
1988-89	494 (25%)	268 (13%)	525 (26%)	169 (8%)	187 (9%)	112 (6%)	19 (1%)	67 (3%)	168 (98%)	2,009 (100%)
1989-90	161 (15%)	145 (13%)	276 (26%)	72 (7%)	146 (13%)	84 (9%)	9 (1%)	30 (3%)	154 (14%)	1,077 (100%)
1990-91	388 (17%)	308 (14%)	490 (22%)	102 (5%)	523 (23%)	241 (11%)	4 (0%)	16 (1%)	186 (8%)	2,258 (100%)
1991-92	456 (11%)	1,421 (35%)	769 (19%)	173 (4%)	423 (10%)	413 (10%)	13 (0%)	5 (0%)	381 (9%)	4,058 (100%)
1992-93	367 (10%)	974 (27%)	1,312 (36%)	140 (4%)	313 (9%)	200 (6%)	9 (0%)	25 (1%)	278 (8%)	3,621 (100%)
1993-94	442 (20%)	418 (19%)	483 (22%)	182 (8%)	323 (15%)	114 (5%)	5 (0%)	19 (1%)	213 (10%)	2,200 (100%)
1994-95	411 (18%)	405 (18%)	402 (17%)	234 (10%)	363 (16%)	61 (3%)	13 (1%)	33 (1%)	347 (15%)	2,270 (100%)
1995-96	267 (17%)	177 (11%)	152 (10%)	149 (9%)	272 (17%)	136 (9%)	86 (5%)	37 (2%)	294 (19%)	1,571 (100%)

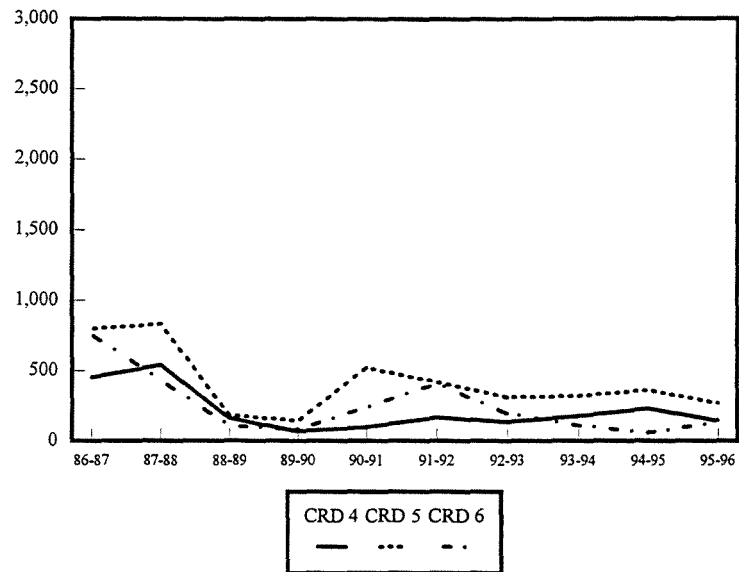


# FLAX SHIPMENTS BY CROP REPORTING DISTRICT

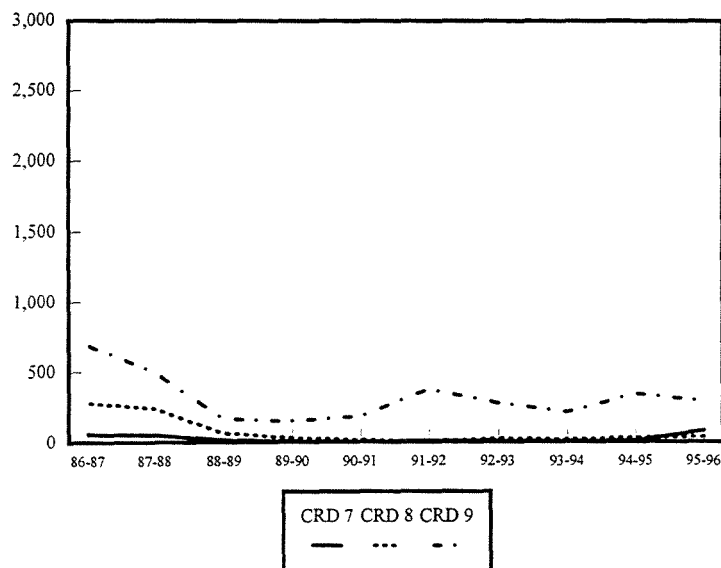
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)





***CORN  
SHIPMENTS***

**NORTH DAKOTA CORN SHIPMENTS  
BY DESTINATION  
(thousand bu.)**

<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Duluth - Superior</b>	<b>West</b>	<b>Misc. Markets</b>	<b>TOTAL</b>
<b>1986-87</b>	<b>359</b> (1%)	<b>59</b> (0%)	<b>18,952</b> (72%)	<b>7,067</b> (27%)	<b>26,437</b> (100%)
<b>1987-88</b>	<b>312</b> (1%)	<b>55</b> (0%)	<b>23,742</b> (79%)	<b>6,080</b> (20%)	<b>30,189</b> (100%)
<b>1988-89</b>	<b>603</b> (2%)	<b>1,741</b> (6%)	<b>21,861</b> (74%)	<b>5,138</b> (18%)	<b>29,344</b> (100%)
<b>1989-90</b>	<b>900</b> (3%)	<b>358</b> (1%)	<b>26,133</b> (75%)	<b>7,374</b> (21%)	<b>34,764</b> (100%)
<b>1990-91</b>	<b>944</b> (3%)	<b>710</b> (2%)	<b>19,590</b> (69%)	<b>7,190</b> (25%)	<b>28,434</b> (100%)
<b>1991-92</b>	<b>1,556</b> (4%)	<b>665</b> (2%)	<b>25,034</b> (69%)	<b>8,826</b> (24%)	<b>36,084</b> (100%)
<b>1992-93</b>	<b>807</b> (5%)	<b>0</b> (0%)	<b>8,903</b> (49%)	<b>8,344</b> (46%)	<b>18,054</b> (100%)
<b>1993-94</b>	<b>196</b> (2%)	<b>75</b> (1%)	<b>1,465</b> (18%)	<b>6,309</b> (79%)	<b>8,047</b> (100%)
<b>1994-95</b>	<b>1,098</b> (7%)	<b>114</b> (0%)	<b>13,703</b> (56%)	<b>9,431</b> (39%)	<b>24,398</b> (100%)
<b>1995-96</b>	<b>2,099</b> (6%)	<b>24</b> (0%)	<b>25,888</b> (73%)	<b>7,431</b> (21%)	<b>35,444</b> (100%)

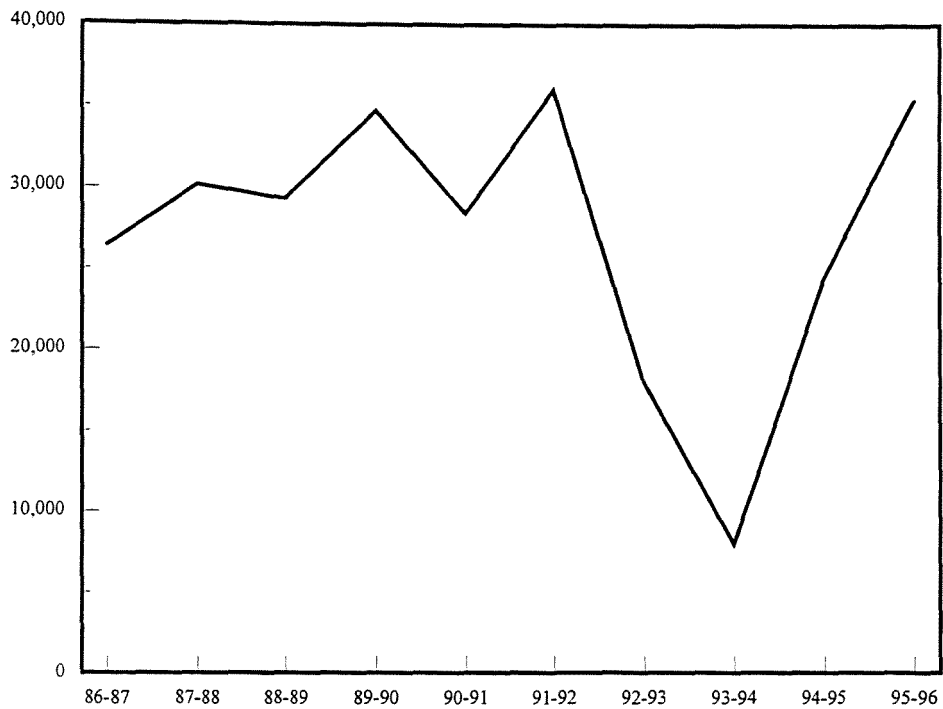
Miscellaneous markets include shipments to North Dakota destinations (6%), Midland/Southwest destinations (4%), and all other markets (11%).



## CORN SHIPMENTS

1986-87 to 1995-96

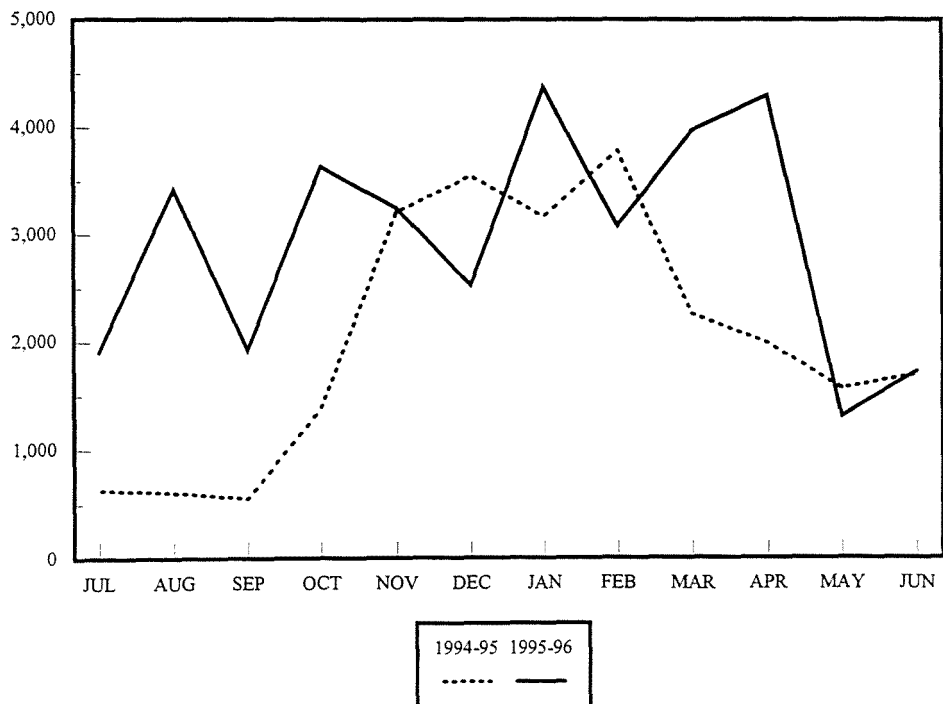
thousand bushels



## CORN SHIPMENTS

by Month, 1994-95 to 1995-96

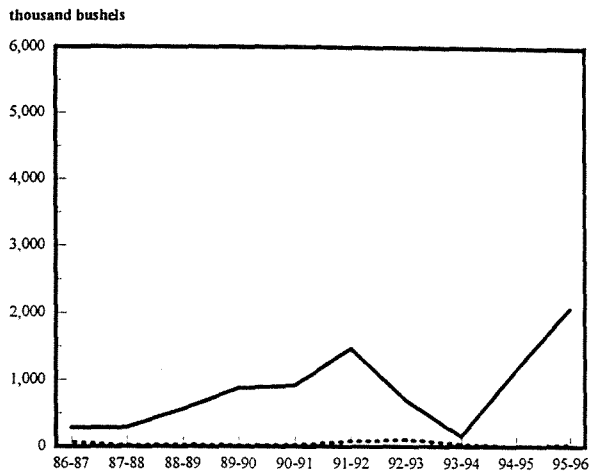
thousand bushels



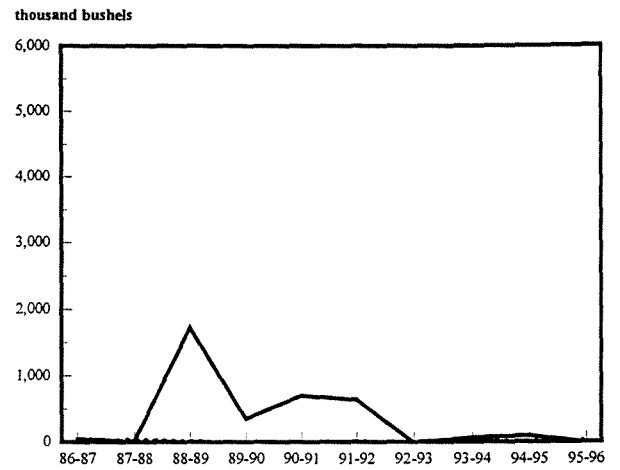
**NORTH DAKOTA CORN SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
(thousand bu.)**

	<b>Minneapolis - St. Paul</b>		<b>Duluth - Superior</b>		<b>West</b>		<b>Misc. Markets</b>		<b>TOTAL</b>	
<b>YEAR</b>	<b>Rail</b>	<b>Truck</b>	<b>Rail</b>	<b>Truck</b>	<b>Rail</b>	<b>Truck</b>	<b>Rail</b>	<b>Truck</b>	<b>Rail</b>	<b>Truck</b>
1986-87	287 (80%)	71 (20%)	56 (95%)	3 (5%)	18,407 (97%)	544 (3%)	2,703 (38%)	4,364 (62%)	21,454 (81%)	4,982 (19%)
1987-88	291 (93%)	21 (7%)	14 (25%)	41 (75%)	23,742 (99%)	236 (1%)	2,524 (42%)	3,556 (58%)	26,571 (87%)	3,854 (13%)
1988-89	570 (95%)	32 (5%)	1,727 (99%)	13 (1%)	21,498 (98%)	362 (2%)	2,175 (42%)	2,962 (58%)	25,972 (89%)	3,371 (11%)
1989-90	876 (97%)	24 (3%)	357 (100%)	1 (0%)	25,720 (98%)	412 (2%)	3,914 (53%)	3,460 (47%)	30,867 (89%)	3,897 (11%)
1990-91	915 (97%)	28 (3%)	708 (100%)	2 (0%)	19,555 (100%)	35 (0%)	3,913 (54%)	3,278 (46%)	25,091 (88%)	3,343 (12%)
1991-92	1,474 (95%)	81 (5%)	651 (98%)	13 (2%)	24,641 (98%)	392 (2%)	4,731 (54%)	4,093 (46%)	31,501 (87%)	4,583 (13%)
1992-93	705 (87%)	102 (13%)	0 (0%)	0 (0%)	8,807 (99%)	96 (1%)	2,680 (32%)	5,663 (68%)	12,192 (68%)	5,861 (32%)
1993-94	162 (83%)	35 (17%)	69 (92%)	6 (8%)	1,451 (99%)	14 (1%)	761 (12%)	5,550 (88%)	2,444 (30%)	5,604 (70%)
1994-95	1,147 (100%)	3 (0%)	97 (85%)	17 (15%)	13,699 (100%)	4 (0%)	2,528 (27%)	6,903 (73%)	17,472 (72%)	6,927 (28%)
1995-96	2,071 (99%)	29 (1%)	0 (0%)	24 (100%)	25,173 (97%)	715 (3%)	4,043 (54%)	3,388 (46%)	31,287 (88%)	4,156 (12%)

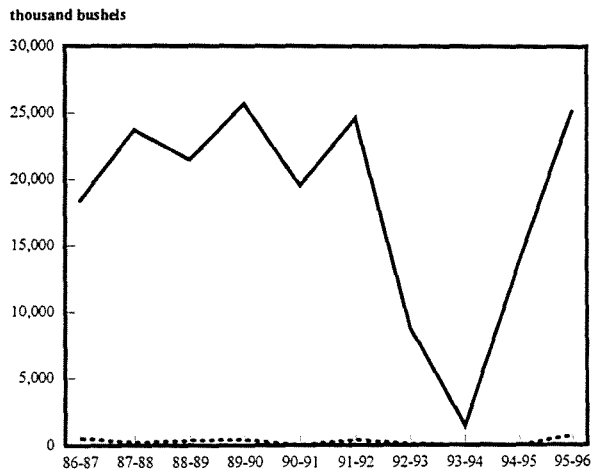
**CORN TO MINNEAPOLIS**  
1986-87 to 1995-96



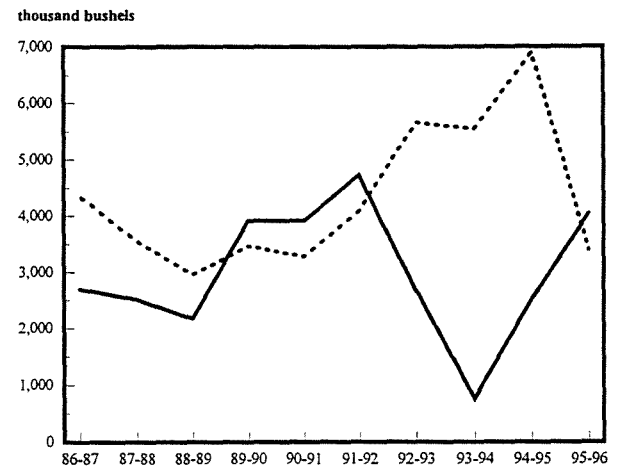
**CORN TO DULUTH-SUPERIOR**  
1986-87 to 1995-96



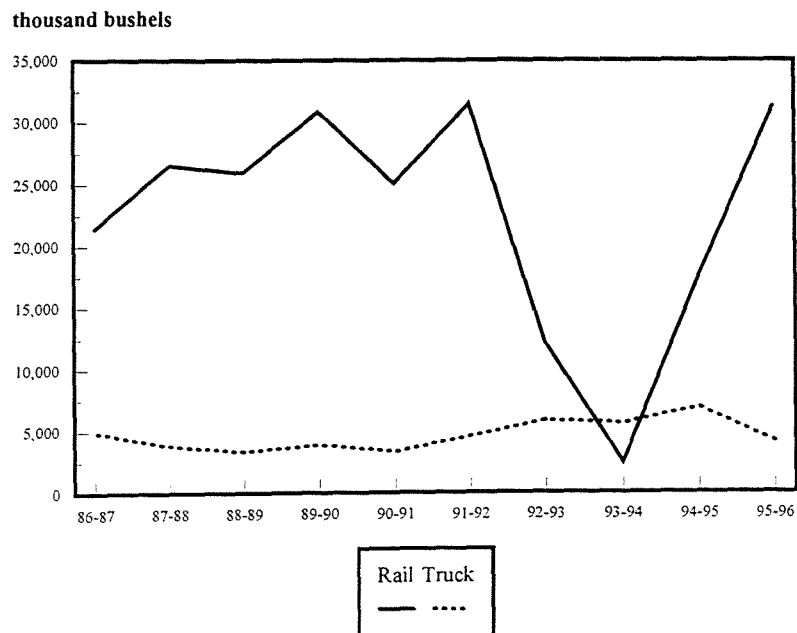
**CORN TO WEST**  
1986-87 to 1995-96



**CORN TO MISCELLANEOUS MARKETS**  
1986-87 to 1995-96

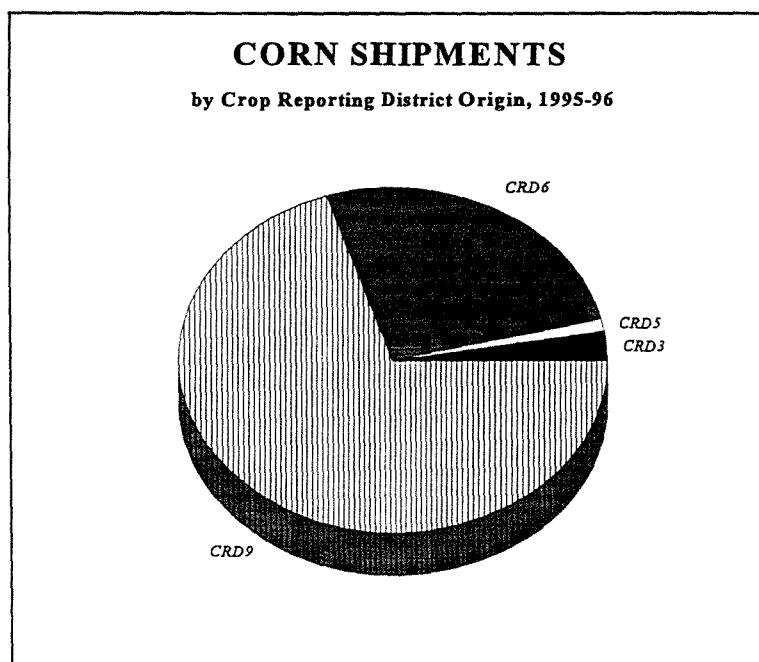


**CORN SHIPMENTS**  
1986-87 to 1995-96



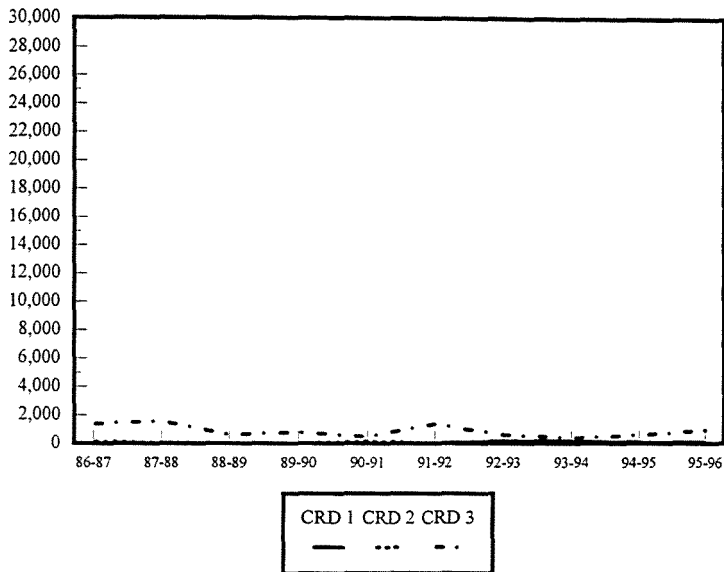
**NORTH DAKOTA CORN SHIPMENTS  
BY CROP REPORTING DISTRICT**  
(thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1986-87	0 (0%)	129 (0%)	1,394 (5%)	95 (0%)	383 (1%)	9,360 (35%)	54 (0%)	12 (0%)	15,008 (57%)	26,437 (100%)
1987-88	14 (0%)	26 (0%)	1,591 (5%)	127 (0%)	582 (2%)	8,516 (28%)	9 (0%)	116 (0%)	19,445 (64%)	30,426 (100%)
1988-89	12 (0%)	0 (0%)	648 (2%)	40 (0%)	173 (1%)	6,926 (23%)	0 (0%)	0 (0%)	21,542 (73%)	29,341 (100%)
1989-90	7 (0%)	0 (0%)	797 (2%)	7 (0%)	153 (1%)	7,784 (22%)	1 (0%)	0 (0%)	26,015 (75%)	34,764 (100%)
1990-91	0 (0%)	144 (1%)	479 (2%)	142 (0%)	78 (0%)	6,812 (24%)	0 (0%)	871 (3%)	19,908 (70%)	28,434 (100%)
1991-92	30 (0%)	18 (0%)	1,391 (4%)	20 (0%)	593 (2%)	9,660 (27%)	1 (0%)	17 (0%)	24,350 (67%)	36,084 (100%)
1992-93	208 (1%)	6 (0%)	623 (3%)	11 (0%)	27 (0%)	4,599 (25%)	1 (0%)	7 (0%)	12,567 (70%)	18,053 (100%)
1993-94	173 (2%)	10 (0%)	389 (5%)	12 (0%)	20 (0%)	1,738 (22%)	0 (0%)	101 (1%)	5,604 (70%)	8,047 (100%)
1994-95	108 (0%)	7 (0%)	621 (3%)	12 (0%)	115 (0%)	6,636 (27%)	0 (0%)	26 (0%)	16,873 (69%)	24,398 (100%)
1995-96	74 (0%)	45 (0%)	935 (3%)	9 (0%)	188 (1%)	9,326 (26%)	3 (0%)	75 (0%)	24,787 (70%)	35,444 (100%)

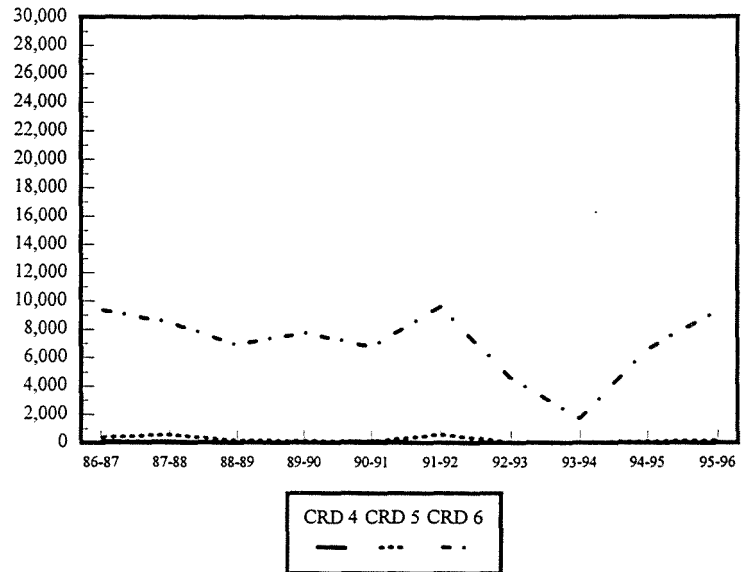


# CORN SHIPMENTS BY CROP REPORTING DISTRICT

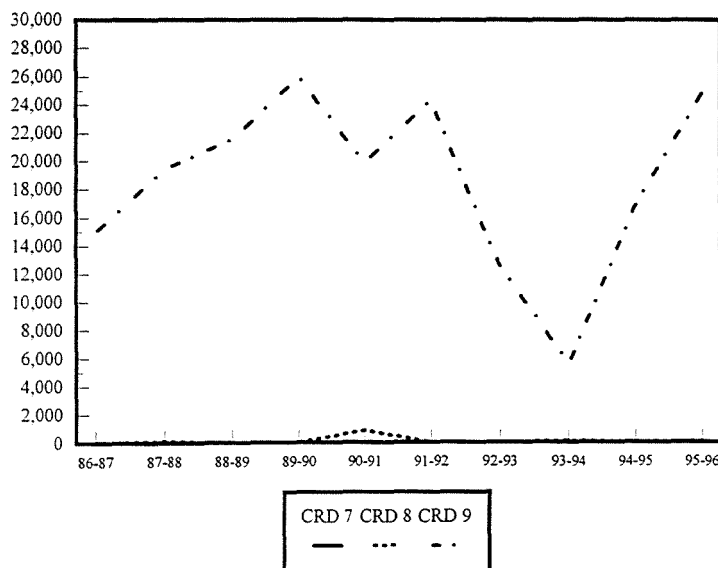
**BY NORTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



**BY CENTRAL CROP REPORTING DISTRICTS**  
(thousand bushels)



**SOUTHERN CROP REPORTING DISTRICTS**  
(thousand bushels)



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