

**1998-99 North Dakota Grain and  
Oilseed Transportation Statistics**

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# **North Dakota Grain and Oilseed Transportation Statistics 1998-99**

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**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 1998-99 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Charlie Cooper 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 1998-99

## *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, are 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, Pacific Northwest (ID, OR, WA), Other Minnesota/Wisconsin, Midland & Gulf 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 1998 to June 1999, and previous years.
- **Commodity:** Hard red spring wheat, durum, barley, sunflower, oats, soybeans, flax and corn.

## *Source of Data*

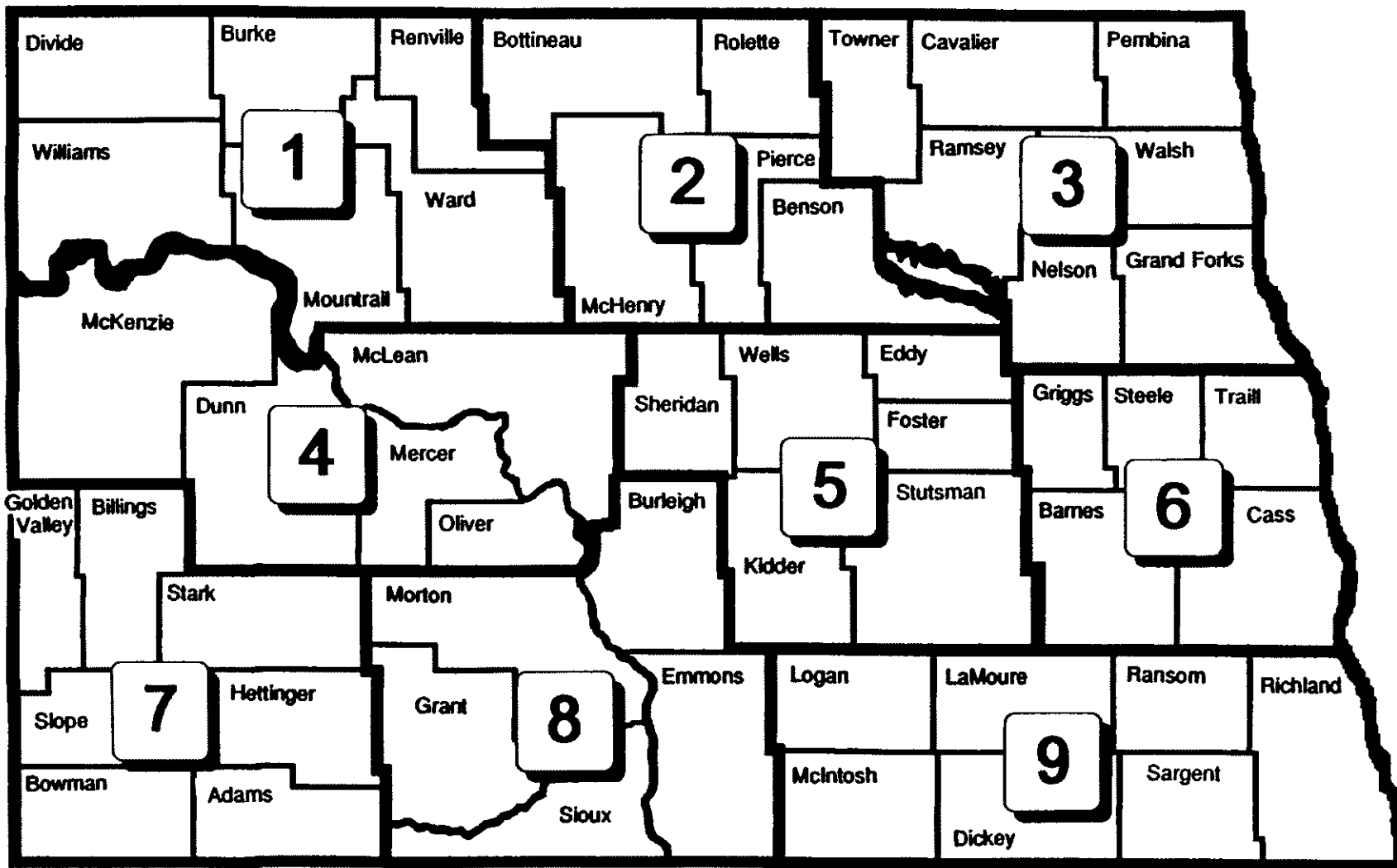
The data used to analyze North Dakota grain distribution patterns for the period July 1998 through June 1999 were obtained from all country elevators in North Dakota. The data source is the North Dakota Public Service Commission's "Grain Movement Report." Every country elevator in North Dakota is required 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) Corn, and (9) Canola. Canola replaces flaxseed because of its larger volume of shipments. Flax shipments are reported for historical purposes only.

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

**1998-99 totals are preliminary, representing 99 percent of the required reports.**



North Dakota Crop Reporting Districts and Counties



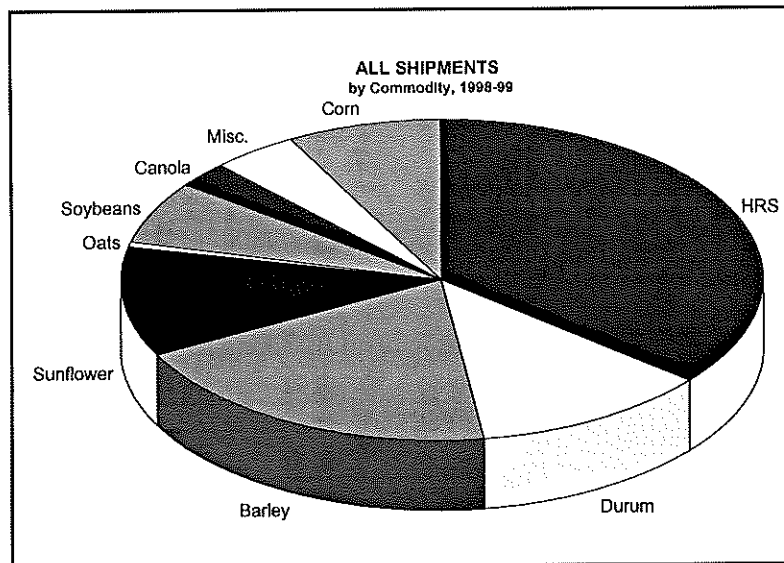
**TOTAL  
GRAIN & OILSEED  
SHIPMENTS**





**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS**  
**1990-91 to 1998-99**  
 thousand bu.

YEAR	HRS	Durum	Barley	Sunflower	Oats	Soybeans	Canola	Misc.	Corn	TOTAL
1990-91	191,072 38%	78,309 15%	114,046 23%	37,086 7%	5,601 1%	10,185 2%	N/A	41,487 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%	N/A	25,105 4%	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%	N/A	15,878 3%	18,054 3%	704,083 100%
1993-94	255,377 49%	84,740 16%	111,087 21%	26,582 5%	11,676 2%	9,898 2%	N/A	14,708 2%	8,167 2%	522,235 100%
1994-95	223,886 42%	69,562 13%	120,251 23%	49,921 9%	10,262 2%	14,595 3%	N/A	20,359 3%	24,398 5%	533,234 100%
1995-96	264,379 46%	70,875 13%	103,590 18%	42,338 7%	7,576 1%	20,704 4%	N/A	19,957 3%	35,722 6%	565,141 100%
1996-97	219,045 43%	67,764 13%	107,821 21%	34,935 7%	39,190 7%	21,097 4%	N/A	29,319 6%	25,187 5%	509,087 100%
1997-98	179,327 39%	57,551 13%	94,006 21%	49,803 11%	3,128 1%	25,223 6%	5,935 1%	14,047 3%	28,643 6%	457,646 100%
1998-99	162,531 36%	53,821 12%	88,204 20%	50,177 11%	2,258 1%	28,467 6%	11,548 3%	19,532 4%	35,029 8%	451,568 100%

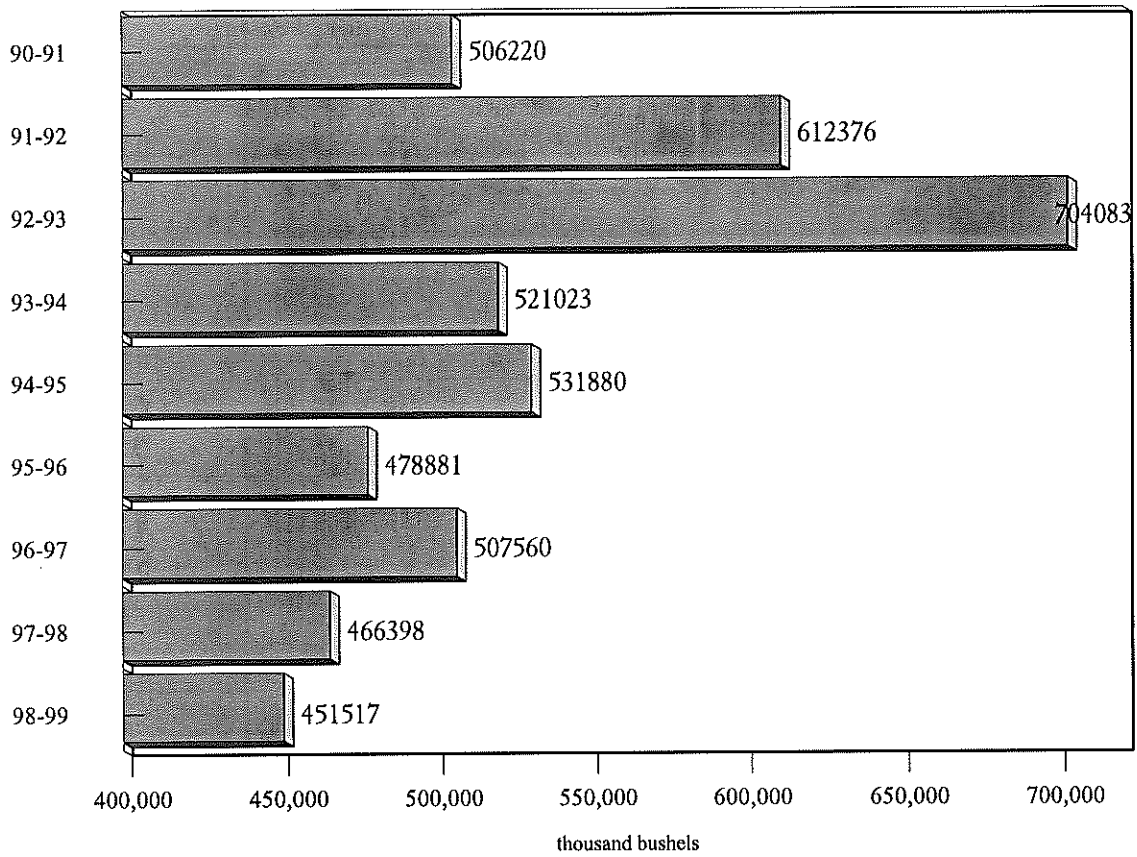


**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS**  
**BY DESTINATION**  
**1990-91 to 1998-99**  
**thousand bu.**

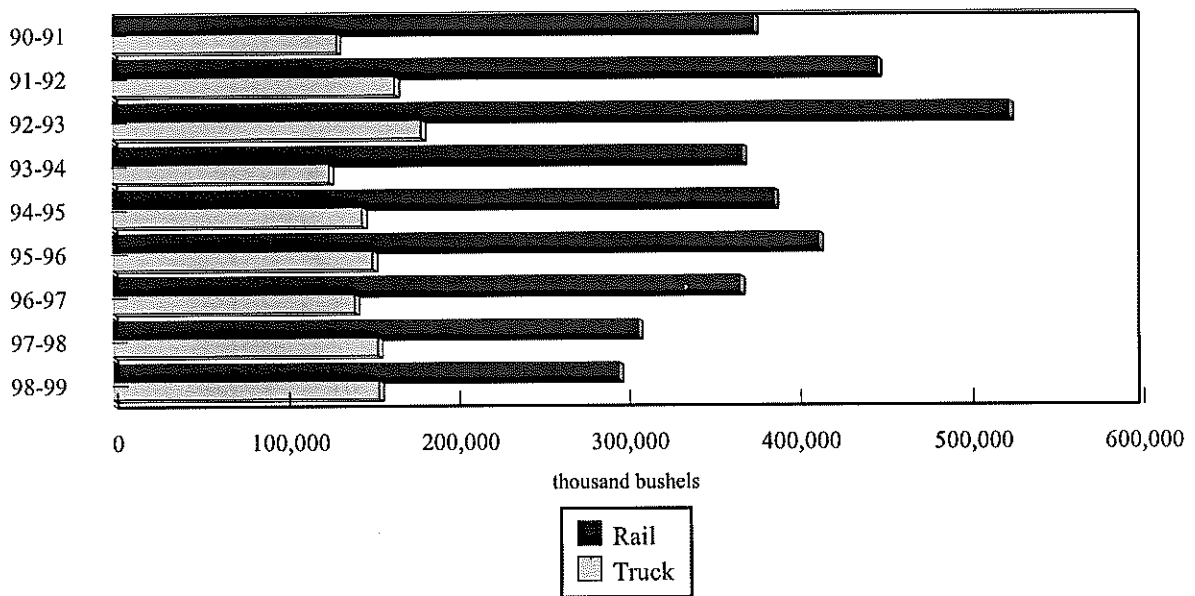
<b>YEAR</b>	<b>Minneapolis- St. Paul</b>	<b>Duluth- Superior</b>	<b>PNW</b>	<b>North Dakota</b>	<b>Other Minn. &amp; Wisconsin</b>	<b>Midland &amp; Gulf</b>	<b>Other</b>	<b>TOTAL</b>
<b>1990-91</b>	114,569 23%	80,603 16%	77,289 15%	61,885 12%	34,106 7%	59,454 12%	74,366 15%	502,266 100%
<b>1991-92</b>	1334,625 22%	72,692 12%	75,795 12%	74,578 12%	38,822 6%	113,584 19%	98,813 16%	608,875 100%
<b>1992-93</b>	145,713 25%	82,088 14%	95,005 16%	89,780 15%	64,936 11%	112,349 16%	114,211 19%	704,083 100%
<b>1993-94</b>	125,542 28%	66,452 15%	82,949 18%	54,370 12%	43,357 10%	71,516 14%	78,047 17%	522,235 100%
<b>1994-95</b>	135,193 28%	62,920 13%	82,823 17%	77,563 16%	39,598 8%	52,804 10%	82,332 17%	533,233 100%
<b>1995-96</b>	143,389 25%	46,572 8%	104,130 18%	76,640 14%	34,375 6%	62,905 11%	97,131 17%	565,142 100%
<b>1996-97</b>	131,382 29%	62,308 14%	66,838 14%	77,047 17%	27,170 6%	56,208 11%	96,222 21%	517,176 100%
<b>1997-98</b>	114,720 25%	65,502 14%	62,415 13%	85,980 19%	25,754 6%	42,837 9%	65,739 14%	462,946 100%
<b>1998-99*</b>	127,828 28%	57,223 13%	41,569 9%	92,688 21%	25,553 6%	34,160 8%	72,572 16%	451,568 100%

\*Results are preliminary.

### ALL COMMODITY SHIPMENTS 1990-91 to 1998-99



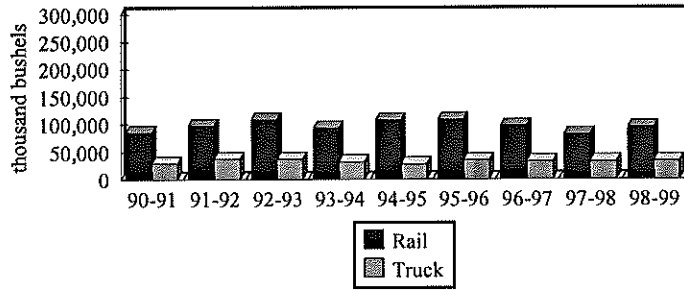
### ALL COMMODITY SHIPMENTS 1990-91 to 1998-99



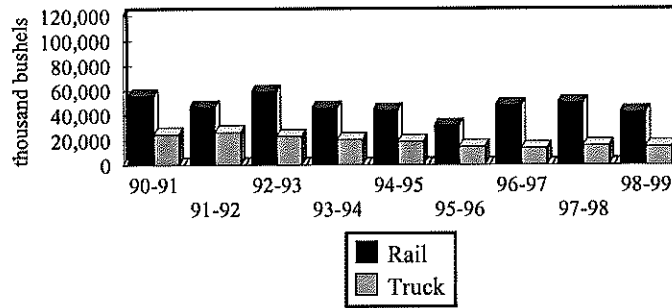
**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION**  
thousand bu.

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	85,687	28,882	55,755	24,848	74,546	2,743	21,954	39,931	28,291	5,816	53,371	6,083	54,720	19,646	374,323	127,943
	75%	25%	69%	31%	96%	4%	35%	65%	83%	17%	90%	10%	74%	26%	75%	25%
1991-92	97,698	39,926	46,223	26,469	72,372	3,423	19,660	54,918	31,624	7,198	102,750	10,834	74,889	23,924	445,208	163,667
	73%	27%	64%	36%	95%	5%	26%	74%	81%	1900%	90%	10%	76%	24%	73%	27%
1992-93	108,503	37,210	59,038	23,050	90,912	4,093	19,665	70,115	56,400	8,536	104,068	8,281	85,355	28,856	523,943	180,140
	72%	28%	74%	26%	96%	4%	22%	78%	87%	13%	93%	7%	75%	25%	74%	26%
1993-94	93,217	32,325	46,027	20,425	80,290	2,659	13,529	40,841	35,411	7,946	64,894	6,622	62,827	15,220	396,197	126,038
	69%	31%	74%	26%	97%	3%	25%	75%	82%	18%	91%	9%	80%	20%	76%	24%
1994-95	107,058	28,135	43,897	19,023	79,837	2,986	18,944	58,619	30,070	9,528	45,454	7,350	62,358	19,974	387,618	145,615
	70%	30%	79%	21%	96%	4%	24%	76%	76%	24%	86%	14%	76%	24%	73%	27%
1995-96	108,390	34,999	31,650	14,922	100,810	3,320	12,341	64,299	24,589	9,786	56,342	6,563	79,176	17,955	413,298	151,844
	68%	32%	76%	24%	97%	3%	16%	84%	72%	28%	90%	10%	82%	18%	73%	27%
1996-97	97,980	33,402	48,835	13,473	65,108	1,730	12,725	64,322	18,489	8,681	50,398	5,810	80,421	15,801	373,956	143,220
	78%	22%	75%	25%	97%	3%	17%	83%	68%	32%	90%	10%	84%	16%	72%	28%
1997-98	81,749	32,971	49,968	15,534	59,906	2,509	13,046	72,934	14,527	11,227	37,439	5,398	51,562	14,177	308,196	154,750
	76%	24%	71%	29%	96%	4%	15%	85%	56%	44%	87%	13%	78%	22%	67%	33%
1998-99	94,489	33,339	42,492	14,732	39,851	1,717	18,305	74,384	14,328	11,225	29,811	4,349	57,161	15,412	296,434	155,134
	75%	26%	74%	26%	96%	4%	20%	80%	56%	44%	87%	13%	79%	21%	66%	34%

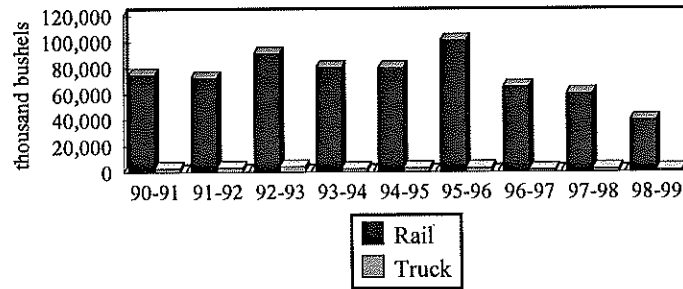
**All Shipments to Minneapolis-St. Paul  
1990-91 to 1998-99**



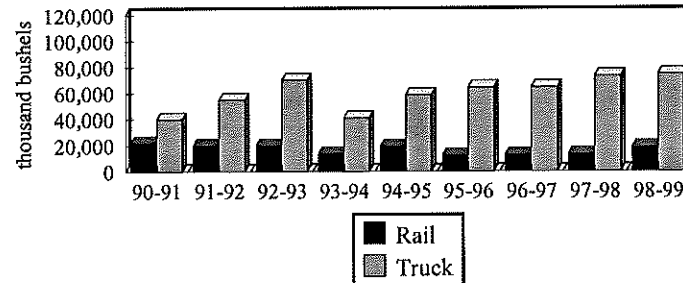
**All Shipments to Duluth-Superior  
1990-91 to 1998-99**



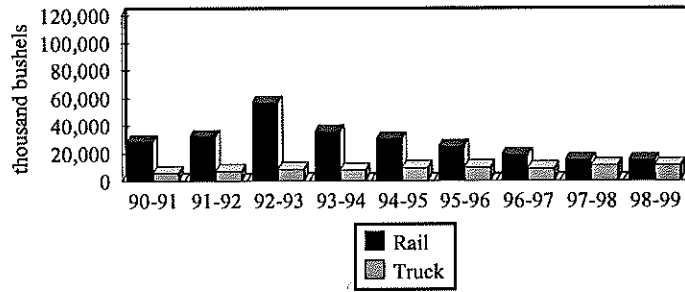
**All Shipments to PNW  
1990-91 to 1998-99**



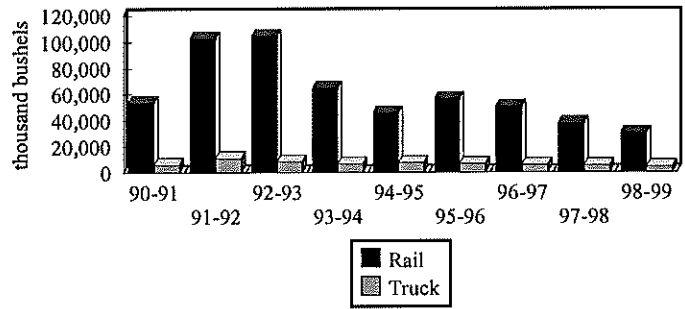
**All Shipments to North Dakota  
1990-91 to 1998-99**



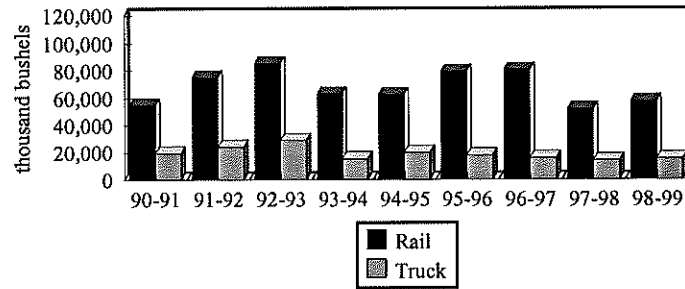
**All Shipments to Other Minn. & Wisconsin  
1990-91 to 1998-99**



**All Shipments to Midland & Gulf  
1990-91 to 1998-99**



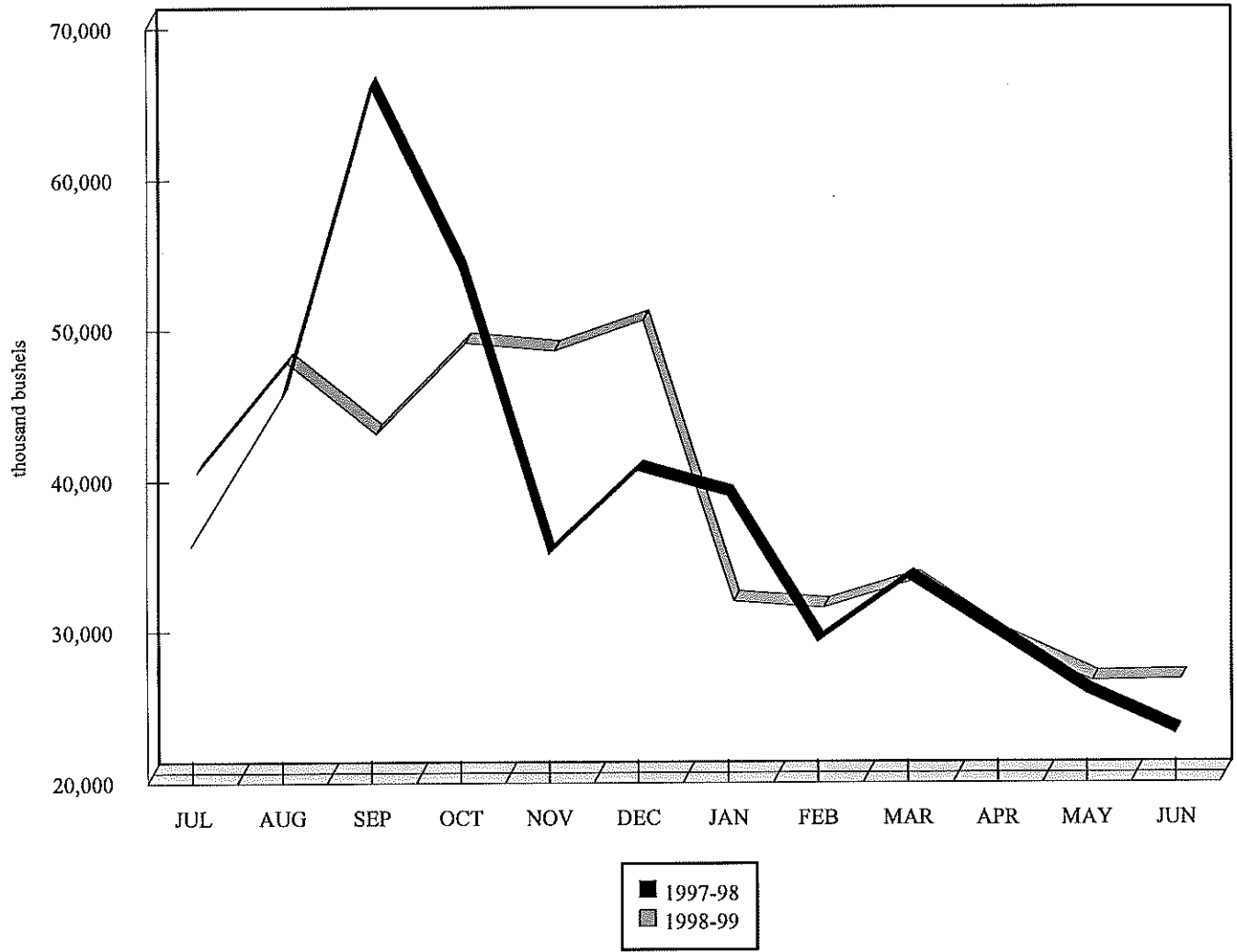
**All Shipments to Other Markets  
1990-91 to 1998-99**



**NORTH DAKOTA GRAIN AND OILSEED MOVEMENTS  
BY MONTH  
July 1998 - June 1999  
thousand bu.**

<b>MONTH</b>	<b>HRS</b>	<b>Durum</b>	<b>Soybeans</b>	<b>Canola</b>	<b>Barley</b>	<b>Oats</b>	<b>Corn</b>	<b>SF</b>	<b>Misc.</b>	<b>TOTAL</b>
<b>July</b>	18,290	4,500	1,863	184	10,560	184	1,843	1,299	1,191	39,915
<b>August</b>	19,454	5,167	709	3,200	14,447	311	1,038	930	1,906	47,161
<b>September</b>	12,681	8,014	3,326	4,356	8,076	302	1,107	1,477	3,158	42,455
<b>October</b>	11,256	4,275	6,956	875	5,752	183	5,662	11,543	1,958	48,461
<b>November</b>	16,123	4,580	3,908	645	5,840	162	5,484	9,491	1,702	47,936
<b>December</b>	19,625	6,103	2,109	732	9,102	116	5,213	5,554	1,386	49,940
<b>January</b>	10,966	5,261	1,157	141	6,709	47	2,533	3,344	1,143	31,302
<b>February</b>	10,825	3,813	853	462	7,155	45	3,395	2,851	1,472	30,870
<b>March</b>	11,147	3,747	1,106	176	8,044	173	3,292	3,105	1,861	32,650
<b>April</b>	9,959	3,163	2,779	180	4,724	61	2,322	4,173	1,349	28,711
<b>May</b>	10,974	2,524	1,874	436	3,971	177	1,556	3,381	1,120	26,013
<b>June</b>	11,232	2,675	1,827	200	3,825	497	1,585	2,977	1,284	26,101
<b>TOTAL</b>	<b>162,531</b>	<b>53,821</b>	<b>28,467</b>	<b>11,548</b>	<b>88,204</b>	<b>2,258</b>	<b>35,029</b>	<b>50,177</b>	<b>19,532</b>	<b>451,568</b>

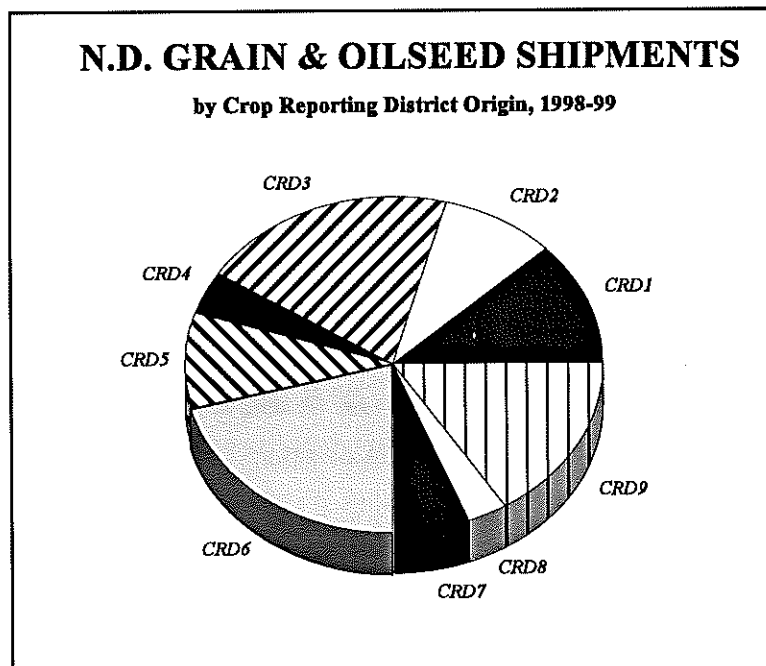
**ALL COMMODITY SHIPMENTS**  
by Month, 1997-98 and 1998-99





**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN  
1990-91 to 1998-99  
thousand bu.**

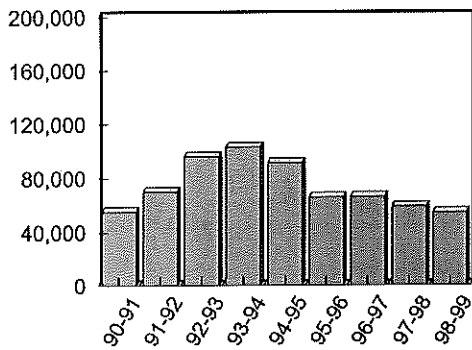
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1990-91	55,109 11%	41,253 8%	117,055 23%	13,028 3%	41,778 8%	118,104 23%	15,336 3%	6,649 1%	97,908 19%	506,220 100%
1991-92	69,889 11%	49,595 8%	151,523 25%	15,580 3%	58,815 10%	130,741 21%	24,399 4%	12,668 2%	99,162 16%	612,376 100%
1992-93	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	103,040 20%	53,735 10%	97,901 19%	20,403 4%	52,754 10%	83,265 16%	34,439 7%	14,575 3%	62,130 12%	522,243 100%
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	65,800 14%	35,946 7%	100,984 21%	15,556 3%	44,277 9%	91,036 19%	27,679 6%	14,019 3%	84,994 18%	480,291 100%
1996-97	66,373 13%	48,027 9%	123,753 24%	18,384 4%	45,560 9%	97,604 19%	24,972 5%	10,412 2%	74,002 15%	509,087 100%
1997-98	54,130 12%	44,293 10%	93,827 21%	17,345 3%	44,958 10%	85,310 19%	27,709 6%	10,693 2%	79,382 17%	457,646 100%
1998-99	54,616 12%	40,535 9%	89,703 20%	18,393 4%	40,789 9%	93,893 21%	28,198 6%	12,363 3%	73,078 16%	451,568 100%



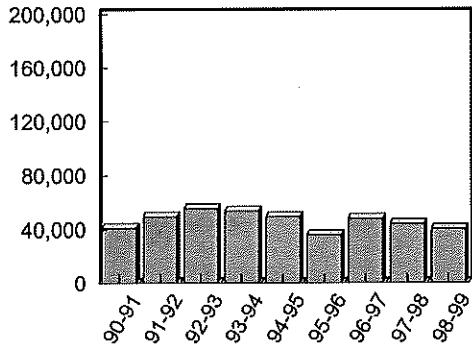
# ALL GRAIN AND OILSEED SHIPMENTS BY CROP REPORTING DISTRICT

(thousand bushels)

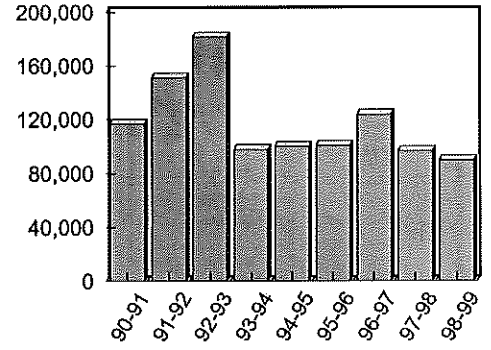
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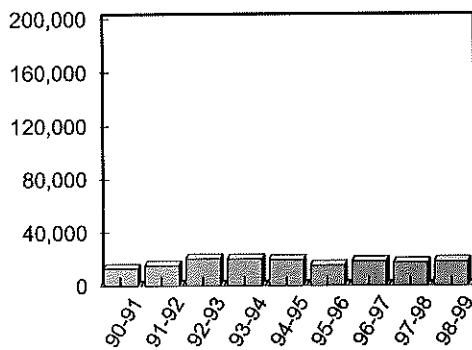
**CRD 2**



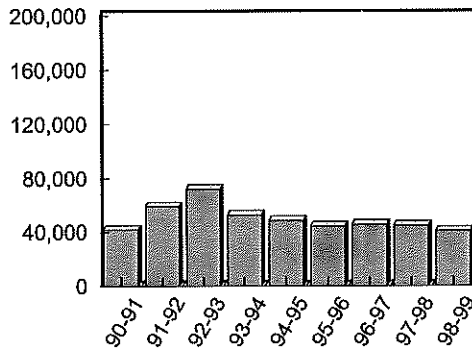
**CRD 3**



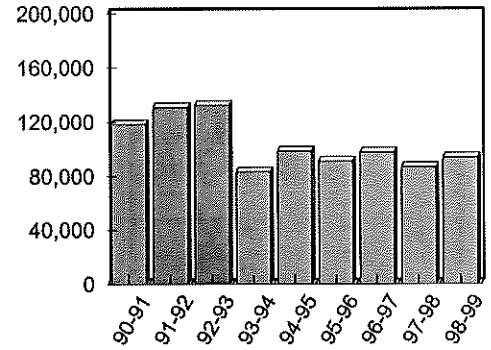
**CRD 4**



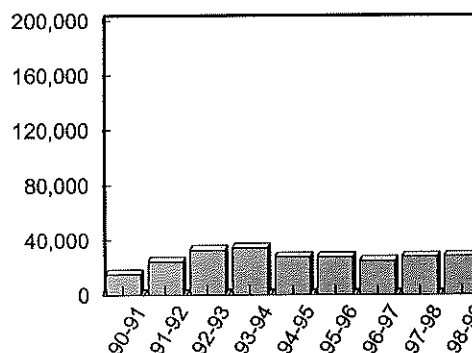
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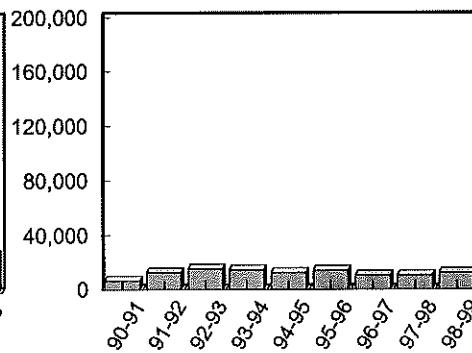
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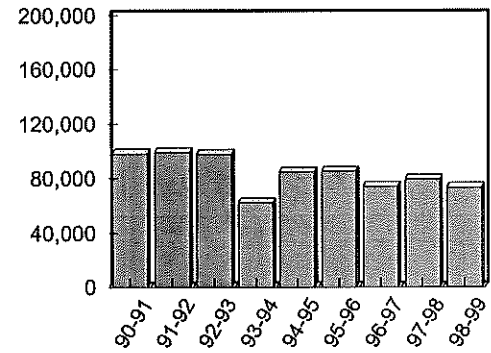
**CRD 7**



**CRD 8**



**CRD 9**





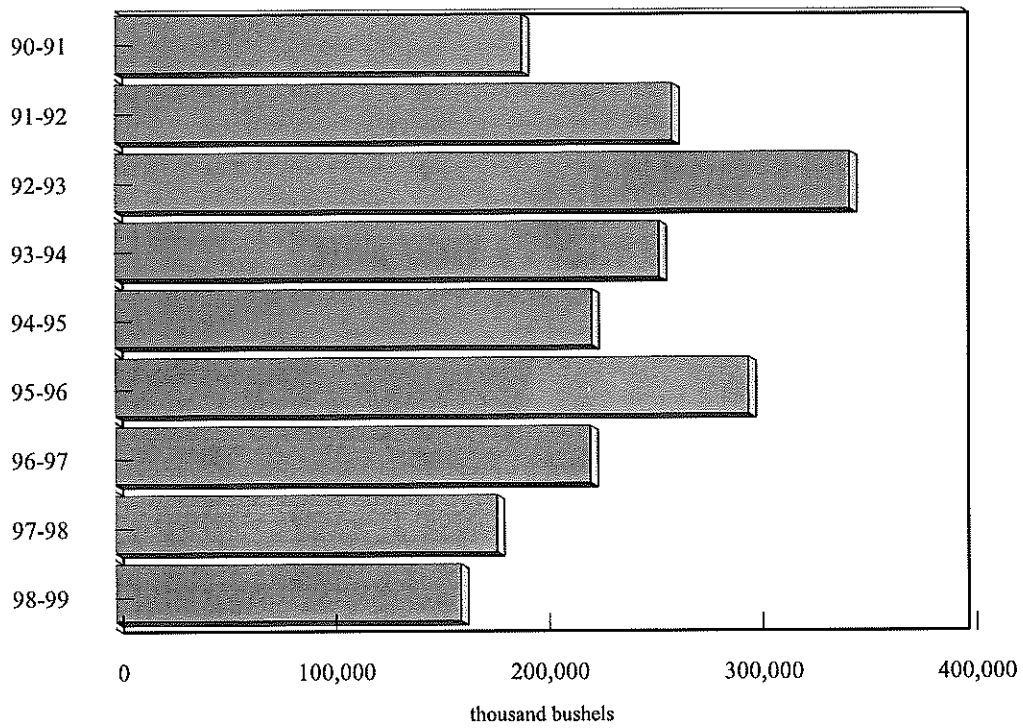
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS  
BY DESTINATION  
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1990-91	56,356	39,229	39,521	4,042	9,604	16,898	25,422	191,072
	29%	21%	21%	2%	5%	9%	13%	100%
1991-92	74,837	23,892	23,290	7,005	12,546	66,246	47,604	261,420
	29%	9%	11%	3%	5%	25%	18%	100%
1992-93	81,210	38,573	62,458	6,684	30,071	66,819	58,446	344,261
	29%	14%	23%	2%	11%	19%	21%	100%
1993-94	64,995	36,159	66,186	6,425	18,321	25,342	37,948	255,377
	28%	16%	29%	3%	8%	10%	16%	100%
1994-95	62,588	34,840	52,971	7,510	12,411	18,672	34,894	223,886
	30%	17%	26%	4%	6%	8%	17%	100%
1995-96	71,860	28,842	56,223	9,972	11,848	33,524	52,109	297,101
	24%	10%	19%	3%	4%	11%	18%	100%
1996-97	65,310	36,028	37,722	8,741	7,151	21,048	47,145	223,145
	32%	18%	19%	4%	4%	9%	23%	100%
1997-98	54,824	32,140	32,646	10,182	6,173	18,040	25,321	179,327
	31%	18%	18%	6%	3%	10%	14%	100%
1998-99*	55,656	23,865	23,188	10,104	6,849	12,905	29,965	162,531
	34%	15%	14%	6%	4%	8%	18%	100%

\*Results are preliminary.

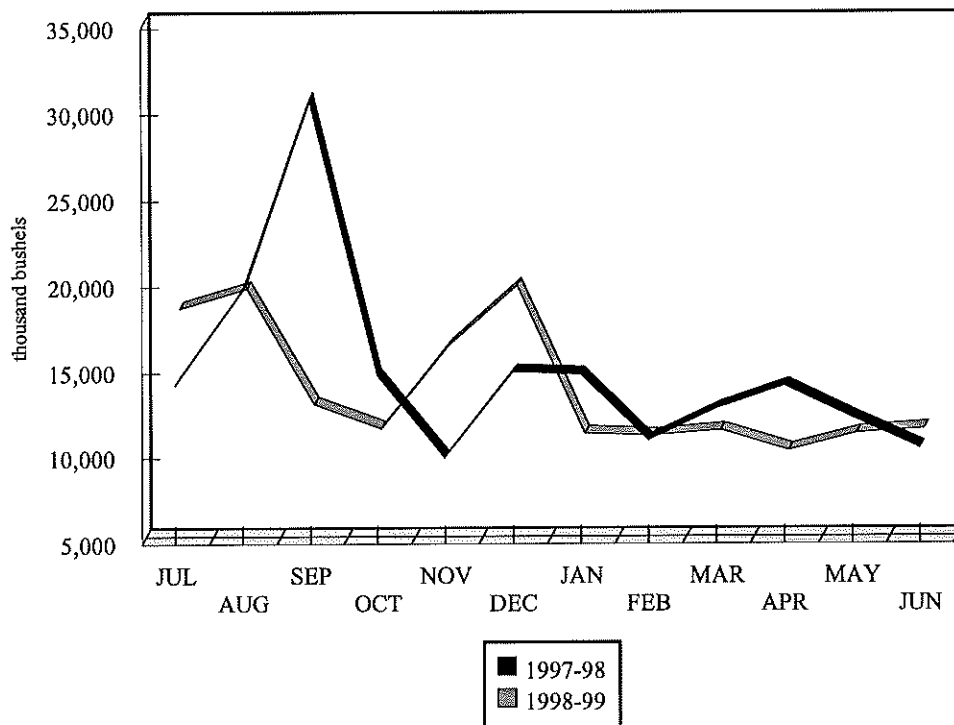
## HRS WHEAT SHIPMENTS

1997-98 to 1998-99



## HRS WHEAT SHIPMENTS

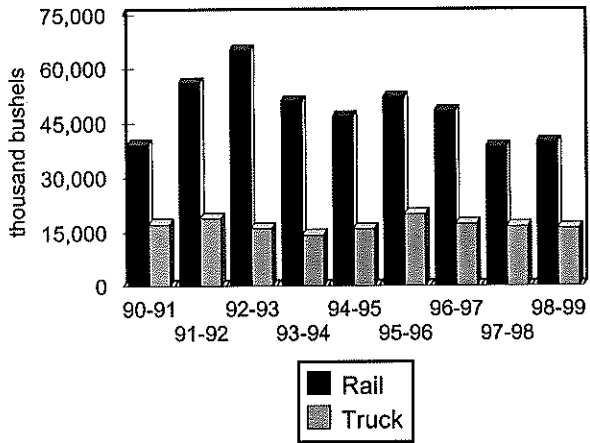
by Month, 1997-98 to 1998-99



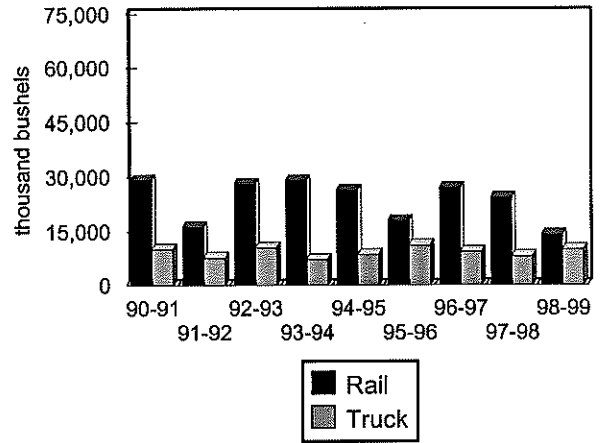
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION**  
thousand bu.

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	39,108	17,248	29,102	10,127	37,374	2,147	194	3,848	7,781	1,823	14,183	2,715	23,196	2,226	150,938	40,134
	69%	31%	74%	26%	95%	5%	5%	95%	81%	19%	84%	16%	91%	9%	79%	21%
1991-92	55,957	18,880	16,155	7,737	27,253	2,037	2,340	4,665	10,490	2,056	59,709	6,537	44,017	3,587	215,920	45,500
	75%	25%	68%	32%	93%	7%	33%	67%	84%	16%	90%	10%	92%	8%	83%	17%
1992-93	65,092	16,118	27,974	10,599	60,141	2,317	2,789	3,895	28,732	1,339	62,378	4,441	54,874	3,572	301,979	42,282
	80%	20%	73%	27%	96%	4%	42%	58%	96%	4%	93%	7%	94%	6%	88%	12%
1993-94	50,783	14,212	28,890	7,269	64,035	2,151	2,732	3,693	15,681	2,640	22,566	2,776	35,568	2,380	220,256	35,121
	78%	22%	80%	20%	97%	3%	43%	57%	86%	14%	89%	11%	94%	6%	86%	14%
1994-95	46,657	15,931	26,243	8,597	50,957	2,014	3,704	3,806	9,189	3,222	16,000	2,672	32,622	2,272	185,372	38,514
	75%	25%	75%	25%	96%	4%	49%	51%	74%	26%	86%	14%	93%	7%	83%	17%
1995-96	51,915	19,945	17,745	11,097	54,150	5,073	2,235	7,737	8,333	3,515	30,511	3,013	49,152	2,957	214,042	50,337
	72%	28%	62%	38%	96%	4%	18%	82%	70%	30%	91%	9%	94%	6%	81%	19%
1996-97	48,111	17,199	26,733	9,295	36,242	1,480	1,596	7,145	4,775	2,376	19,133	1,915	45,435	1,710	182,025	41,120
	74%	26%	74%	26%	96%	4%	18%	82%	67%	33%	91%	9%	96%	4%	82%	18%
1997-98	38,331	16,493	24,058	8,082	30,778	1,868	2,008	8,174	4,046	2,127	16,488	1,552	23,392	1,929	139,103	40,224
	70%	30%	75%	25%	94%	6%	20%	80%	66%	34%	91%	9%	92%	8%	78%	22%
1998-99	39,597	16,059	13,906	9,958	22,213	975	1,096	9,008	4,495	2,354	12,123	782	28,726	1,240	122,155	40,376
	71%	29%	58%	42%	96%	4%	11%	89%	66%	34%	94%	6%	96%	4%	75%	25%

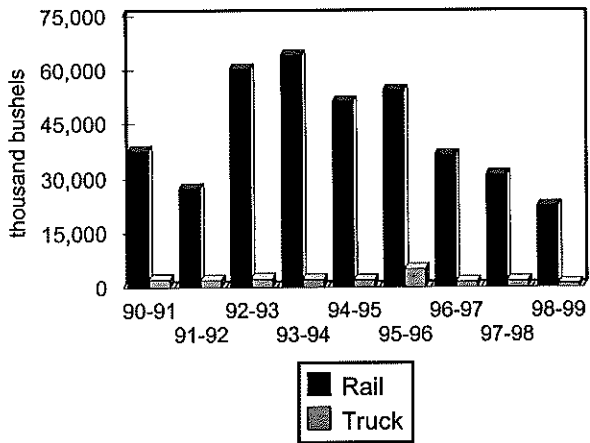
**HRS Wheat to Minneapolis-St. Paul  
1990-91 to 1998-99**



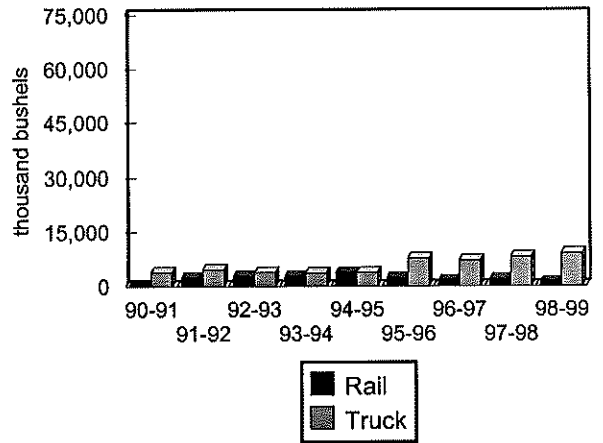
**HRS Wheat to Duluth-Superior  
1990-91 to 1998-99**



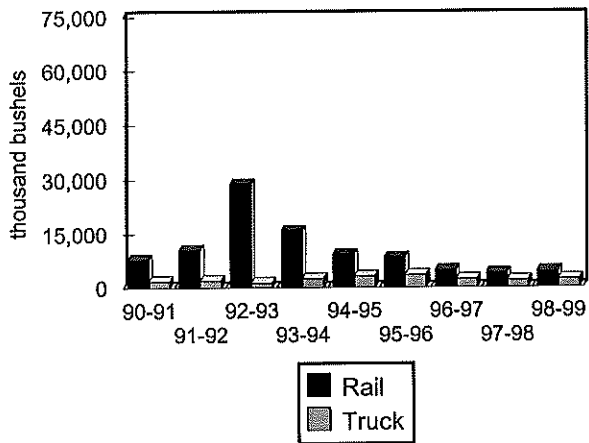
**HRS Wheat to PNW  
1990-91 to 1998-99**



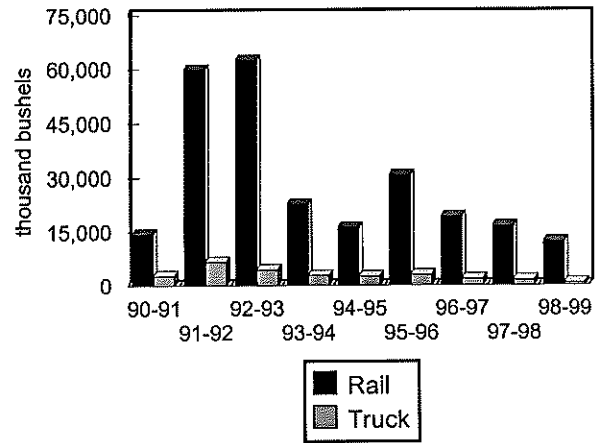
**HRS Wheat to North Dakota  
1990-91 to 1998-99**



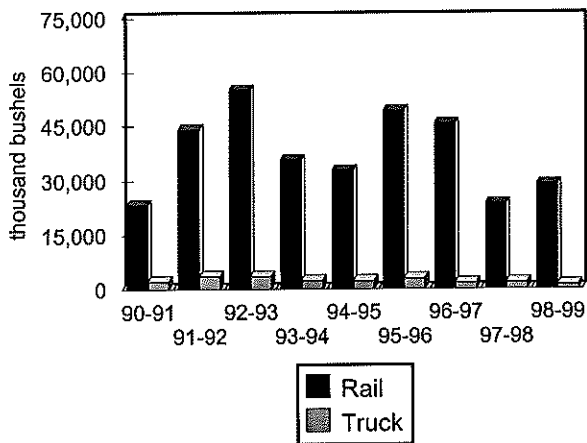
**HRS Wheat to Other Minn. & Wisconsin  
1990-91 to 1998-99**



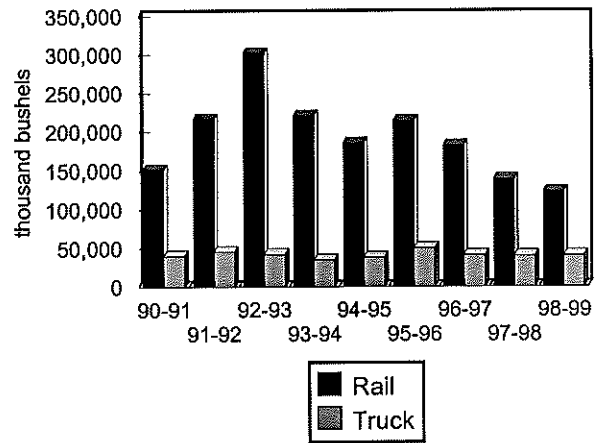
**HRS Wheat to Midland & Gulf  
1990-91 to 1998-99**



**HRS Wheat to Other Markets  
1990-91 to 1998-99**



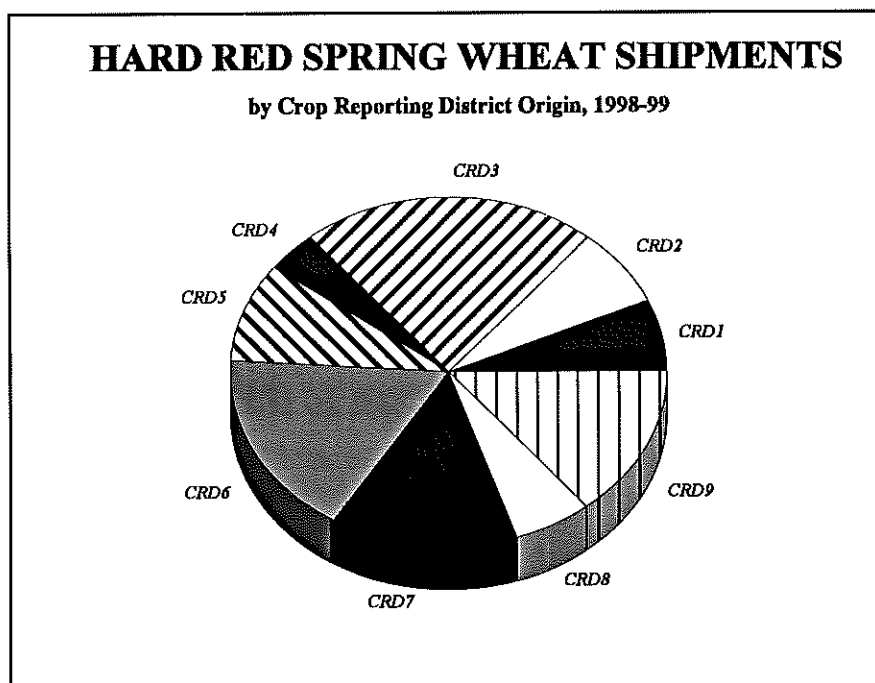
**Total HRS Wheat Shipments  
1990-91 to 1998-99**





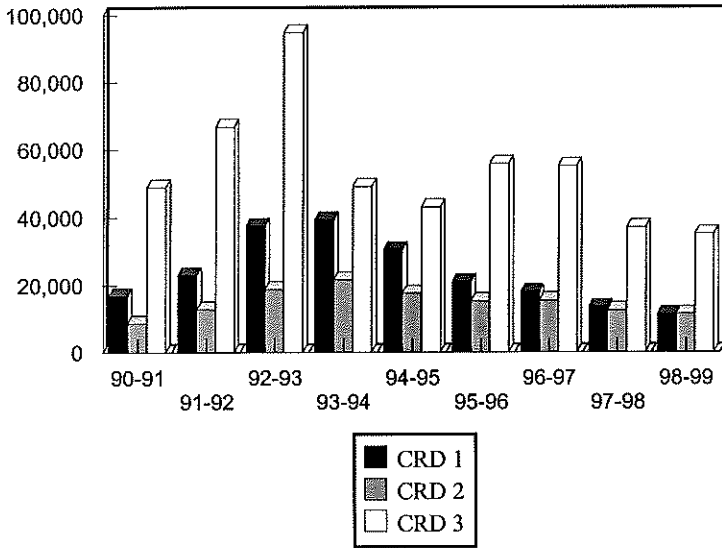
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	39,245 15%	21,662 8%	49,068 19%	12,029 5%	30,307 12%	36,024 14%	30,409 12%	11,719 5%	24,913 10%	255,377 100%
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%	225,904 100%
1996-97	17,973 8%	15,443 7%	55,052 25%	8,604 4%	21,990 10%	37,985 17%	21,830 10%	9,848 4%	30,319 14%	219,045 100%
1997-98	13,702 8%	12,487 7%	37,081 21%	7,719 4%	18,775 10%	26,859 15%	23,779 13%	9,598 5%	29,328 16%	179,327 100%
1998-99	11,299 7%	11,405 7%	35,100 22%	6,594 4%	15,411 9%	27,540 17%	22,000 14%	9,731 6%	23,451 14%	162,531 100%

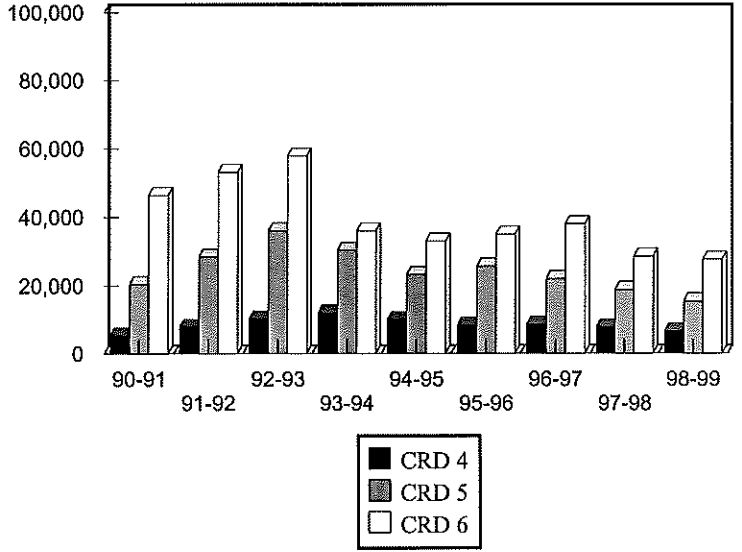


# HARD RED SPRING WHEAT SHIPMENTS BY CROP REPORTING DISTRICT

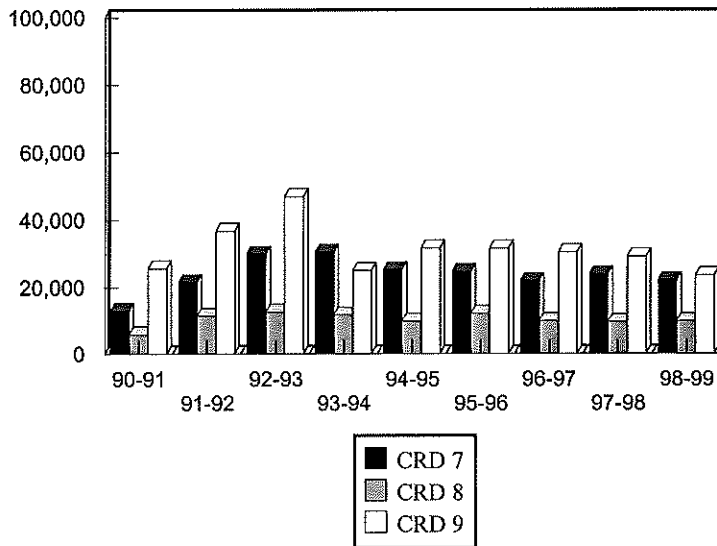
**Northern Crop Reporting Districts**  
(thousand bushels)

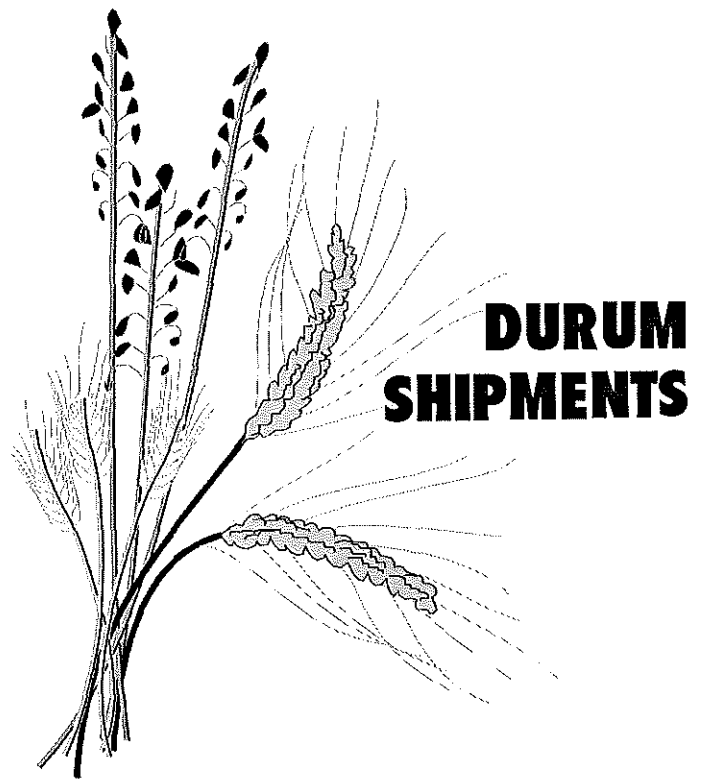


**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





**DURUM  
SHIPMENTS**

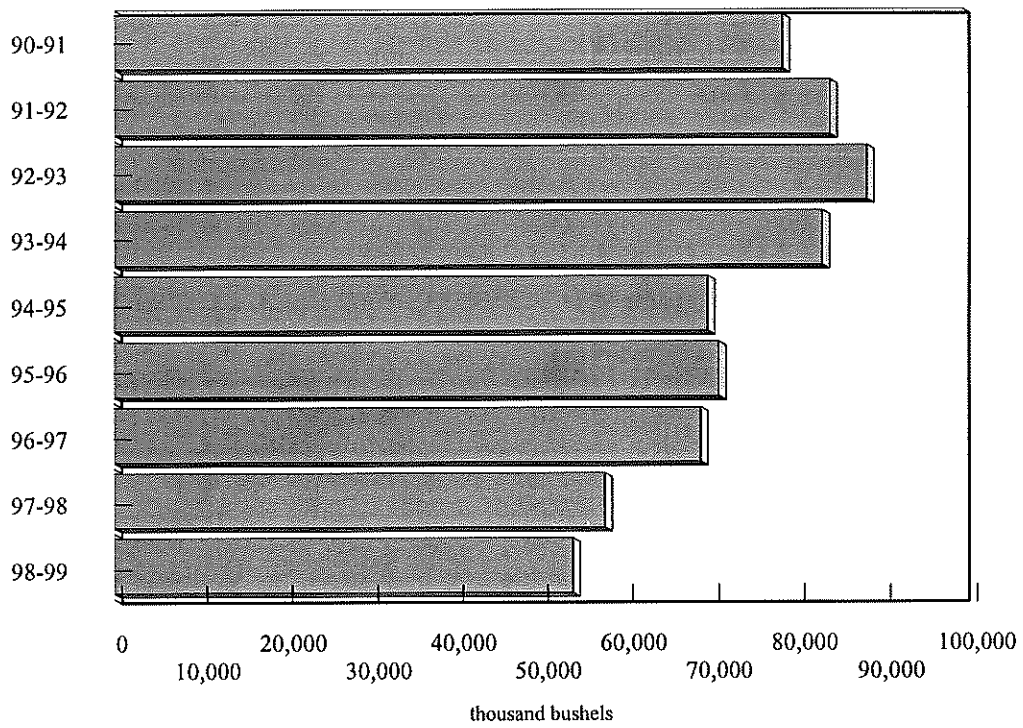
**NORTH DAKOTA DURUM SHIPMENTS  
BY DESTINATION  
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1990-91	18,159	24,167	929	8,050	4,865	13,912	8,227	78,309
	23%	31%	1%	10%	6%	18%	11%	100%
1991-92	16,445	26,063	1,192	6,738	7,079	17,740	8,636	83,893
	20%	31%	1%	8%	8%	21%	10%	100%
1992-93	19,434	20,627	2,424	6,914	11,391	15,986	11,305	88,080
	27%	29%	3%	10%	16%	18%	16%	100%
1993-94	21,155	12,798	2,359	6,808	10,455	19,725	11,440	84,740
	33%	20%	4%	10%	33%	16%	18%	100%
1994-95	25,295	6,592	1,570	6,493	5,870	12,590	11,153	69,562
	44%	12%	3%	11%	10%	18%	20%	100%
1995-96	22,470	7,481	693	7,126	5,384	15,461	12,261	70,875
	32%	11%	1%	10%	8%	22%	17%	100%
1996-97	23,379	10,541	879	6,579	6,284	11,333	9,717	68,713
	41%	18%	2%	11%	11%	16%	17%	100%
1997-98	18,496	9,091	217	9,530	4,154	8,728	7,334	57,551
	32%	16%	0%	17%	7%	15%	13%	100%
1998-99*	22,134	4,797	608	10,664	3,260	5,994	6,365	53,821
	41%	9%	1%	20%	6%	11%	12%	100%

\* Results are preliminary.

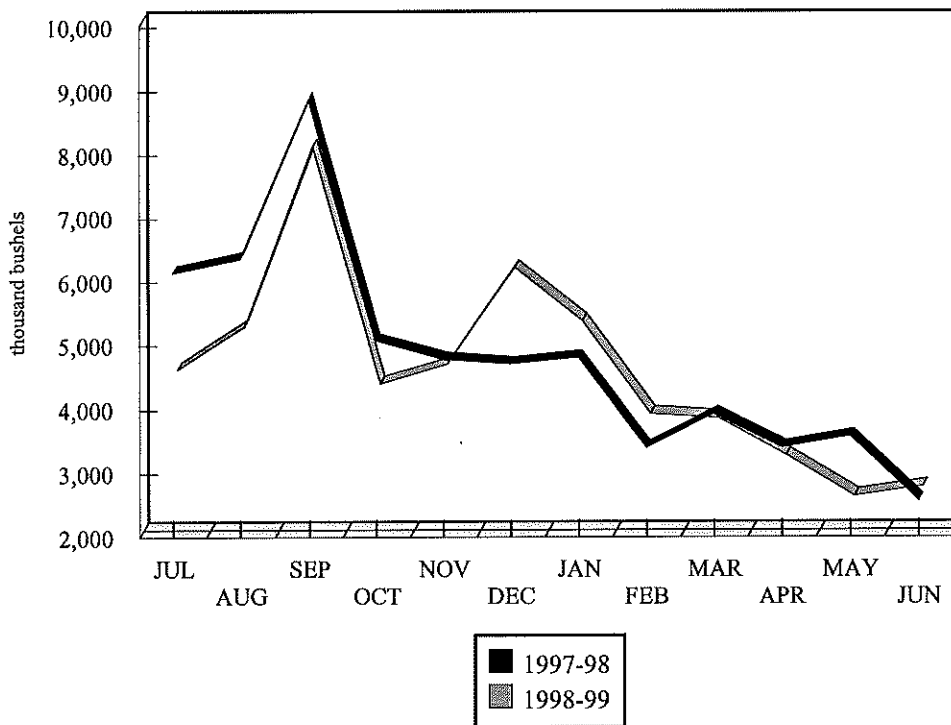
## DURUM SHIPMENTS

1990-91 to 1998-99



## DURUM SHIPMENTS

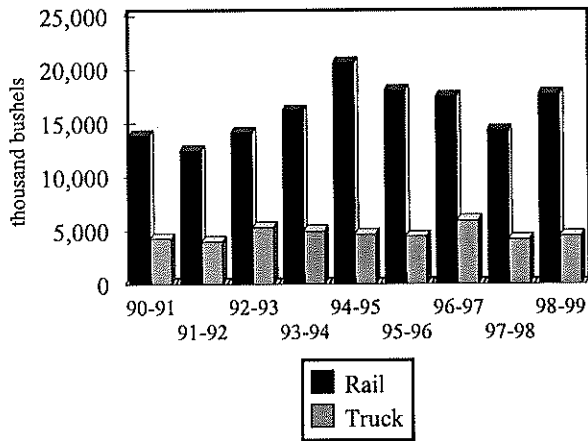
by Month, 1997-98 to 1998-99



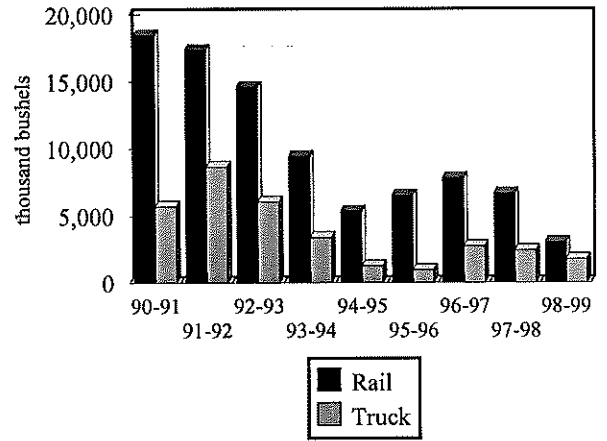
**NORTH DAKOTA DURUM SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION**  
thousand bu.

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	13,884	4,275	18,476	5,692	914	15	2,933	5,117	4,140	724	13,651	261	7,673	554	61,671	16,638
	76%	24%	76%	24%	98%	2%	36%	64%	85%	15%	98%	2%	93%	7%	79%	21%
1991-92	12,440	4,005	17,383	8,681	1,150	42	3,045	3,692	6,312	767	17,421	319	7,974	662	65,724	18,169
	76%	24%	67%	33%	96%	4%	45%	55%	89%	11%	98%	2%	92%	8%	78%	22%
1992-93	14,129	5,305	14,565	6,062	2,317	107	2,654	4,260	10,689	702	15,733	253	10,263	1,042	70,350	17,730
	73%	27%	71%	29%	96%	4%	38%	62%	94%	6%	98%	2%	91%	9%	80%	20%
1993-94	16,165	4,990	9,406	3,392	2,358	1	2,296	1,034	9,821	634	19,509	216	10,871	569	70,396	14,344
	76%	24%	73%	27%	100%	0%	33%	67%	94%	6%	99%	1%	95%	5%	83%	17%
1994-95	20,604	4,691	5,327	1,265	1,556	14	947	5,546	5,537	333	12,387	203	9,928	1,125	56,284	13,278
	81%	19%	81%	19%	99%	1%	15%	85%	94%	6%	98%	2%	89%	11%	81%	19%
1995-96	18,014	4,456	6,514	967	690	2	1,166	5,960	5,031	353	15,405	56	11,741	520	58,560	12,315
	80%	20%	87%	13%	100%	0%	16%	84%	93%	7%	100%	0%	96%	4%	83%	17%
1996-97	17,450	5,929	7,796	2,745	838	41	2,938	3,641	5,542	742	11,051	282	9,409	308	55,024	13,689
	75%	25%	74%	26%	95%	5%	45%	55%	88%	12%	98%	2%	97%	3%	80%	20%
1997-98	14,284	4,212	6,658	2,433	214	3	5,833	3,697	3,527	627	8,596	132	7,188	146	46,301	11,250
	77%	23%	73%	27%	99%	1%	61%	39%	85%	15%	98%	2%	98%	2%	80%	20%
1998-99	17,641	4,492	3,023	1,774	601	7	5,657	5,007	2,372	888	5,835	160	6,078	288	41,206	12,615
	80%	20%	63%	37%	99%	1%	53%	47%	73%	27%	97%	3%	95%	5%	77%	23%

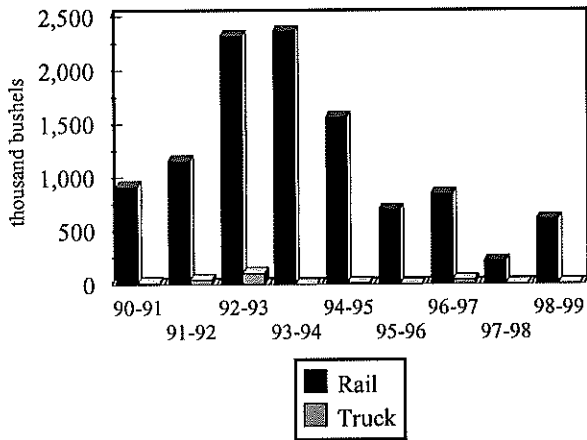
**Durum to Minneapolis-St. Paul  
1990-91 to 1998-99**



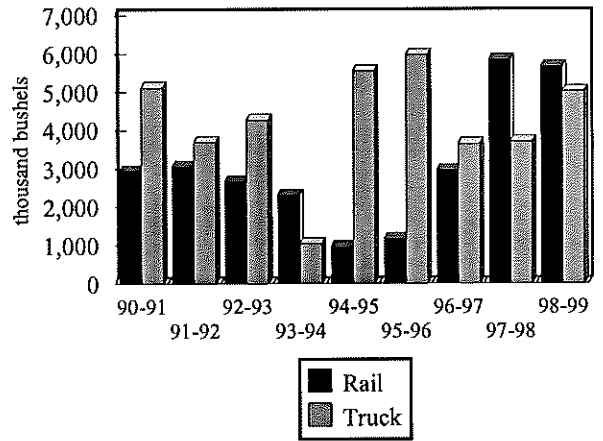
**Durum to Duluth-Superior  
1990-91 to 1998-99**



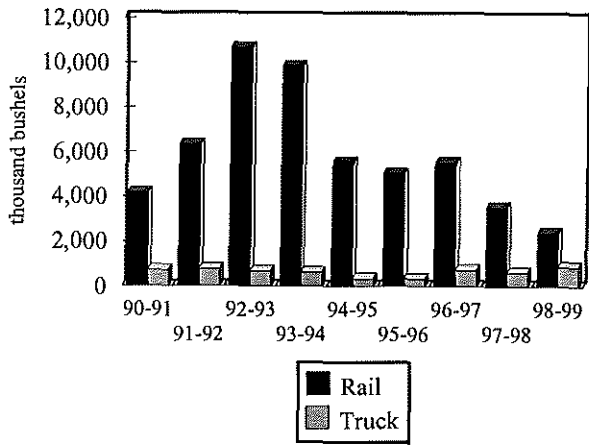
**Durum to PNW  
1990-91 to 1998-99**



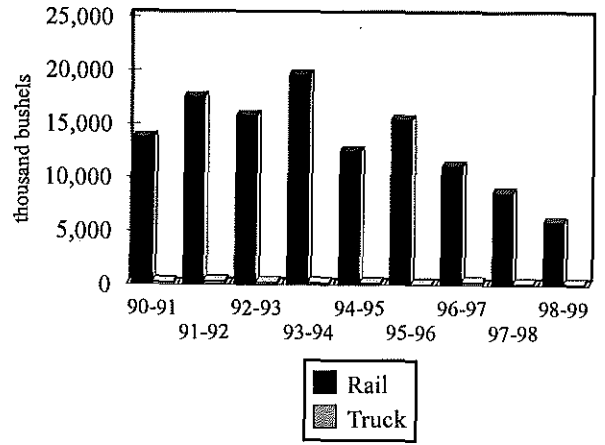
**Durum to North Dakota  
1990-91 to 1998-99**



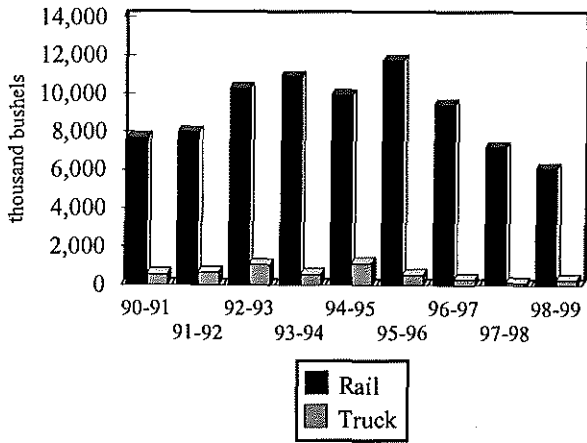
**Durum to Other Minn. & Wisconsin  
1990-91 to 1998-99**



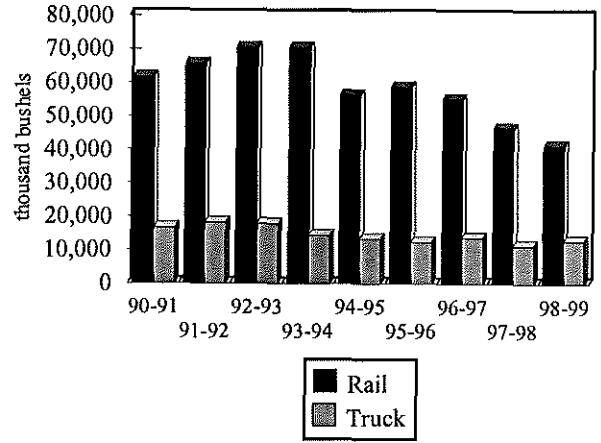
**Durum to Midland & Gulf  
1990-91 to 1998-99**



**Durum to Other Markets  
1990-91 to 1998-99**



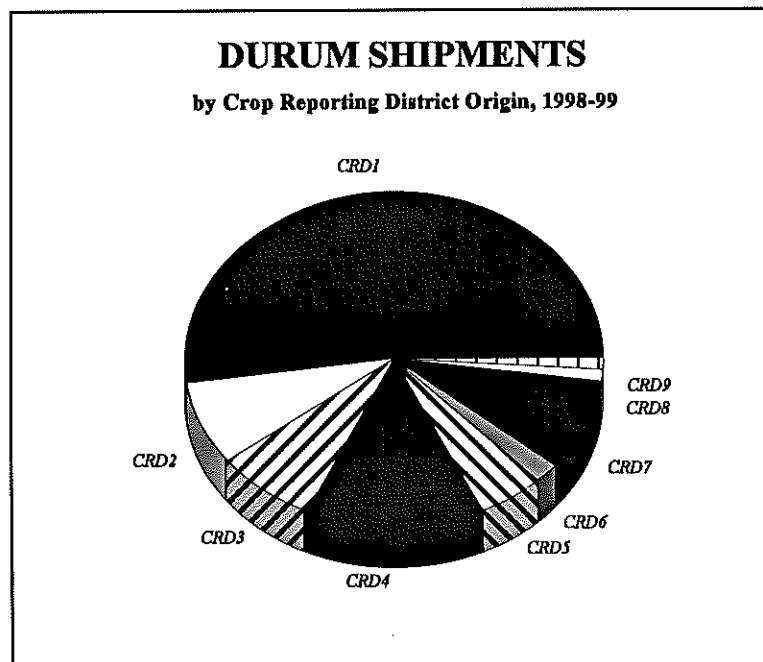
**Total Durum Shipments  
1990-91 to 1998-99**





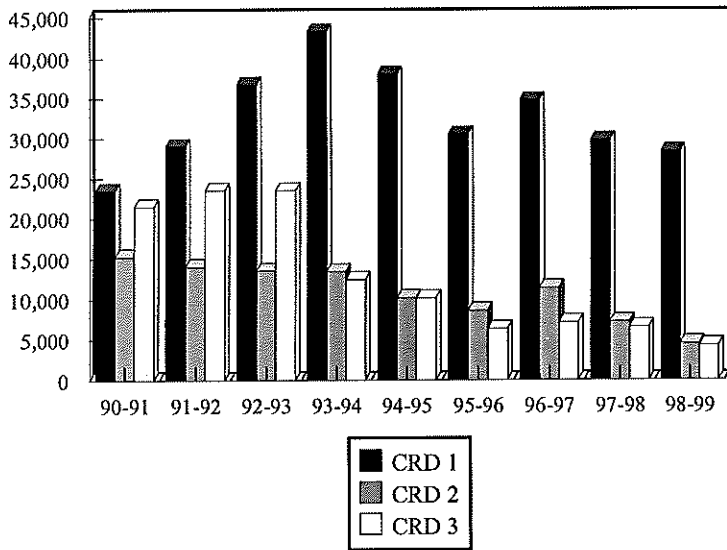
**NORTH DAKOTA DURUM SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	43,240 51%	13,427 16%	12,421 15%	5,118 6%	4,358 5%	1,704 2%	2,661 3%	242 0%	1,570 2%	84,741 100%
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	37,541 53%	10,727 15%	9,254 13%	6,415 9%	3,574 5%	418 1%	2,477 4%	115 0%	352 1%	70,815 100%
1996-97	34,706 51%	11,381 17%	7,117 11%	7,216 11%	3,220 5%	905 1%	2,589 4%	109 0%	522 1%	67,765 100%
1997-98	29,715 52%	7,204 13%	6,520 11%	7,352 13%	2,484 4%	240 0%	3,469 6%	137 0%	429 1%	57,551 100%
1998-99	28,246 52%	4,508 8%	4,290 8%	7,674 14%	2,563 5%	987 2%	4,854 9%	285 1%	414 1%	53,821 100%

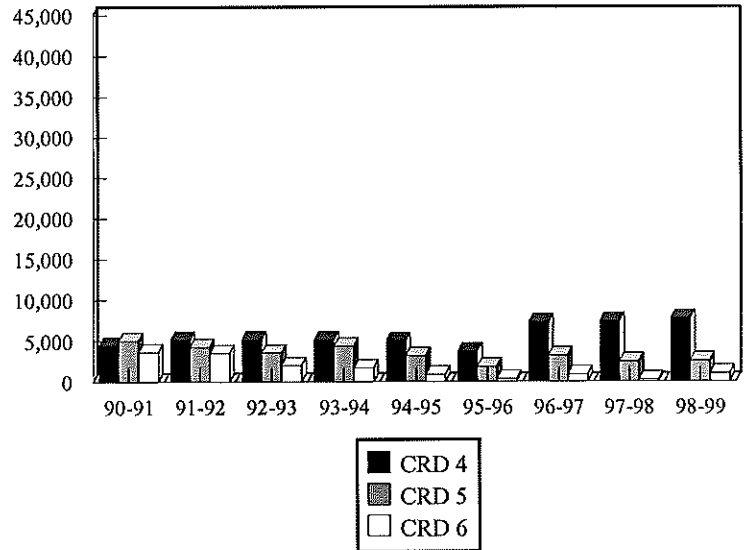


# DURUM SHIPMENTS BY CROP REPORTING DISTRICT

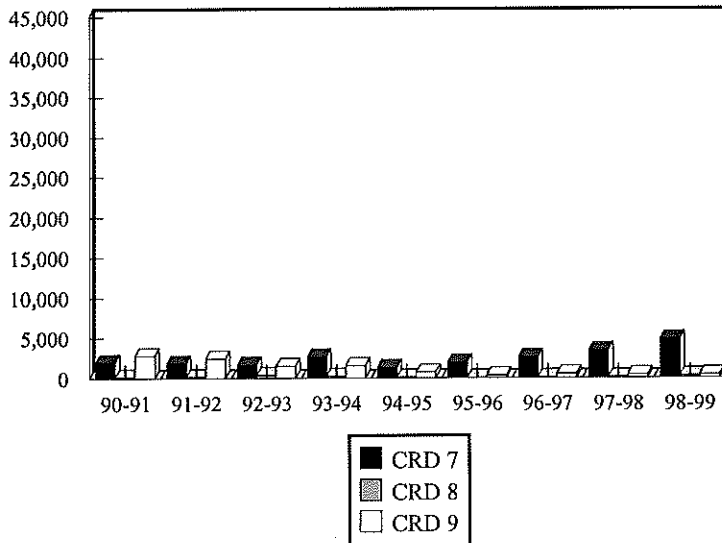
**Northern Crop Reporting Districts**  
(thousand bushels)



**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





**BARLEY  
SHIPMENTS**

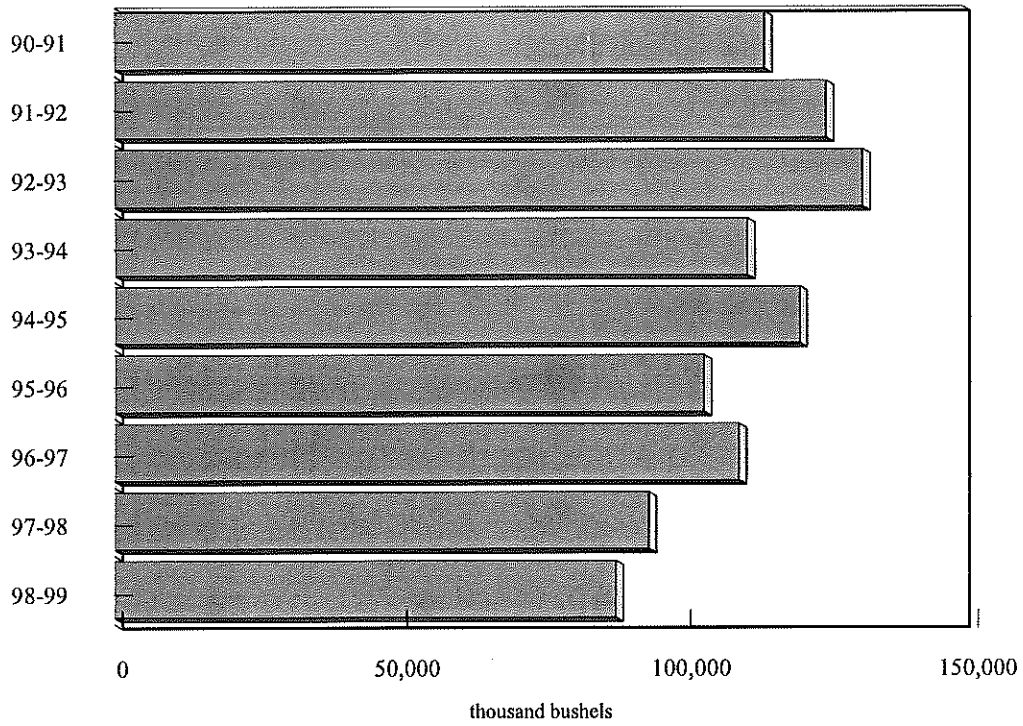
**NORTH DAKOTA BARLEY SHIPMENTS  
BY DESTINATION  
thousand bu.**

<b>YEAR</b>	<b>Minneapolis- St. Paul</b>	<b>Duluth- Superior</b>	<b>PNW</b>	<b>North Dakota</b>	<b>Other Minn. &amp; Wisconsin</b>	<b>Midland &amp; Gulf</b>	<b>Other</b>	<b>TOTAL</b>
<b>1990-91</b>	24,174	14,200	11,695	17,776	13,858	20,482	11,861	114,046
	21%	12%	10%	16%	12%	18%	10%	100%
<b>1991-92</b>	28,197	19,398	11,197	17,219	12,494	22,431	13,848	124,783
	23%	16%	9%	14%	10%	18%	11%	100%
<b>1992-93</b>	29,461	20,799	10,799	21,407	16,482	18,725	13,466	131,139
	26%	19%	10%	19%	15%	14%	12%	100%
<b>1993-94</b>	25,979	16,345	8,464	17,966	10,299	18,267	13,758	111,087
	28%	18%	9%	19%	11%	16%	15%	100%
<b>1994-95</b>	33,960	14,514	6,763	23,597	16,534	11,798	13,085	120,251
	31%	13%	6%	22%	15%	10%	12%	100%
<b>1995-96</b>	38,368	2,748	8,287	24,339	13,108	5,385	11,354	103,590
	37%	3%	8%	23%	13%	5%	11%	100%
<b>1996-97</b>	34,866	5,912	7,749	22,014	9,347	12,697	17,002	109,587
	36%	6%	8%	23%	10%	12%	18%	100%
<b>1997-98</b>	29,336	9,213	10,819	18,506	9,377	5,902	10,853	94,006
	31%	10%	12%	20%	10%	6%	12%	100%
<b>1998-99*</b>	34,683	3,400	4,291	19,387	8,246	7,389	10,807	88,204
	39%	4%	5%	22%	9%	8%	12%	100%

\* Results are preliminary.

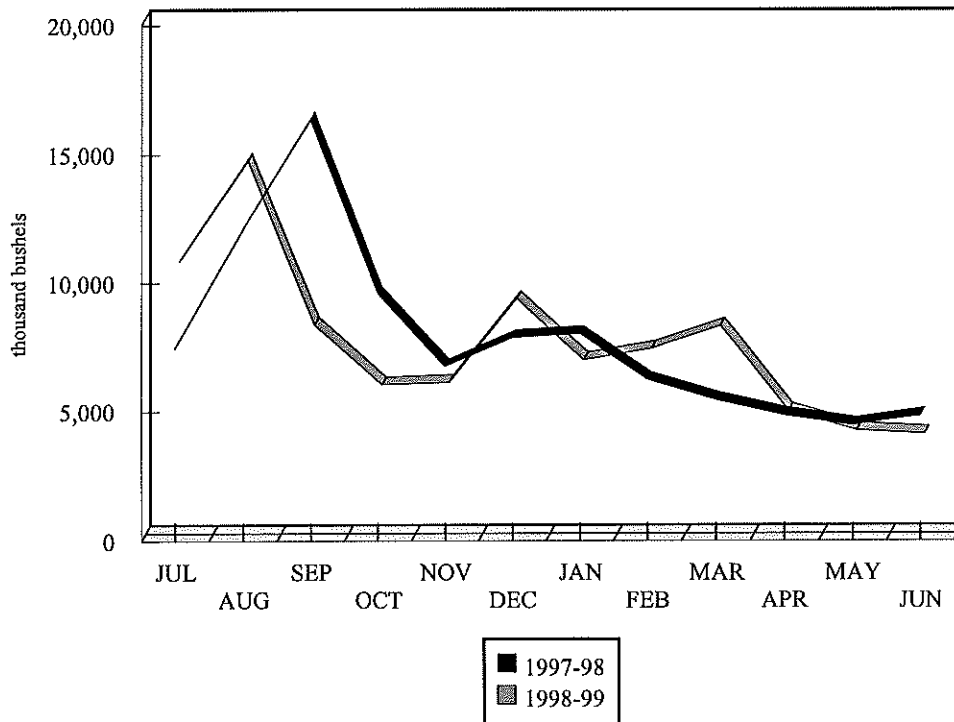
## BARLEY SHIPMENTS

1990-91 to 1998-99



## BARLEY SHIPMENTS

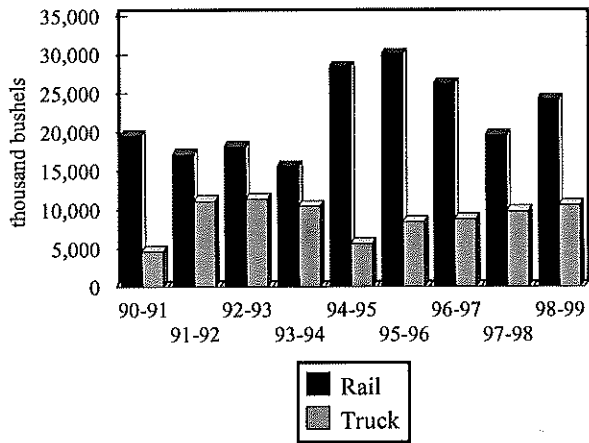
By Month, 1997-98 to 1998-99



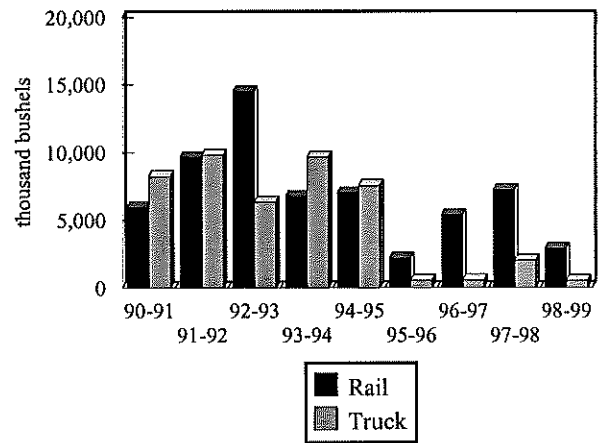
**NORTH DAKOTA BARLEY SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION**  
thousand bu.

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	19,533	4,641	5,969	8,231	11,482	213	10,880	6,896	13,131	727	19,734	748	9,513	2,349	90,241	23,805
	81%	19%	42%	58%	98%	2%	61%	39%	95%	5%	96%	4%	80%	20%	79%	21%
1991-92	17,099	11,099	9,600	9,799	10,948	250	7,158	10,061	10,861	1,633	21,711	720	9,930	3,918	87,305	37,478
	61%	39%	49%	51%	98%	2%	42%	58%	87%	13%	97%	3%	72%	28%	70%	30%
1992-93	18,088	11,373	14,468	6,331	10,472	327	9,265	12,142	13,521	2,961	18,050	675	10,093	3,373	93,958	37,181
	61%	39%	70%	30%	97%	3%	43%	57%	82%	18%	96%	4%	75%	25%	72%	28%
1993-94	15,525	10,454	6,706	9,639	8,248	216	6,847	11,119	8,865	1,364	17,367	909	11,438	2,320	75,066	36,021
	60%	40%	41%	59%	97%	3%	38%	62%	87%	13%	95%	5%	83%	17%	68%	32%
1994-95	28,285	5,675	6,980	7,534	6,562	201	10,295	13,302	13,782	2,752	10,897	901	10,030	3,055	86,831	33,420
	83%	17%	48%	52%	97%	3%	44%	56%	83%	17%	92%	8%	77%	23%	72%	28%
1995-96	29,965	8,403	2,189	559	8,184	103	7,312	17,027	10,326	2,782	4,750	635	9,533	1,821	72,260	31,330
	78%	22%	80%	20%	99%	1%	30%	70%	79%	21%	88%	12%	84%	16%	70%	30%
1996-97	26,099	8,787	5,335	577	7,733	16	5,467	16,547	7,041	2,306	11,699	998	15,564	1,438	78,918	30,669
	75%	25%	90%	10%	100%	0%	25%	75%	75%	25%	92%	8%	92%	8%	72%	28%
1997-98	19,541	9,795	7,207	2,006	10,779	40	2,509	15,997	5,964	3,413	5,154	748	9,874	979	61,027	32,979
	67%	33%	78%	22%	100%	0%	14%	86%	64%	36%	87%	13%	91%	9%	65%	35%
1998-99	24,123	10,560	2,862	538	4,221	70	4,284	15,103	5,448	2,798	6,646	744	9,675	1,132	57,258	30,946
	70%	30%	84%	16%	98%	2%	22%	78%	66%	34%	90%	10%	90%	10%	65%	35%

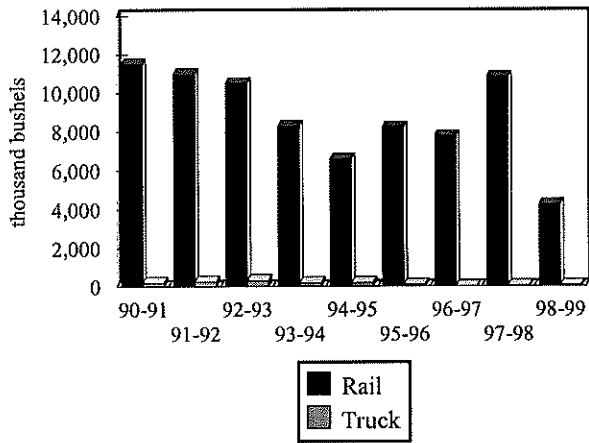
**Barley to Minneapolis-St. Paul  
1990-91 to 1998-99**



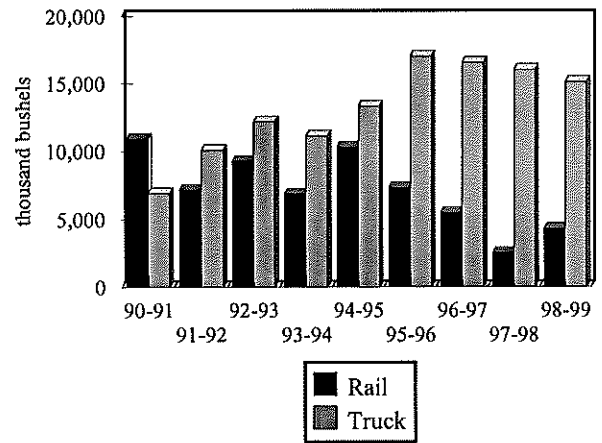
**Barley to Duluth-Superior  
1990-91 to 1998-99**



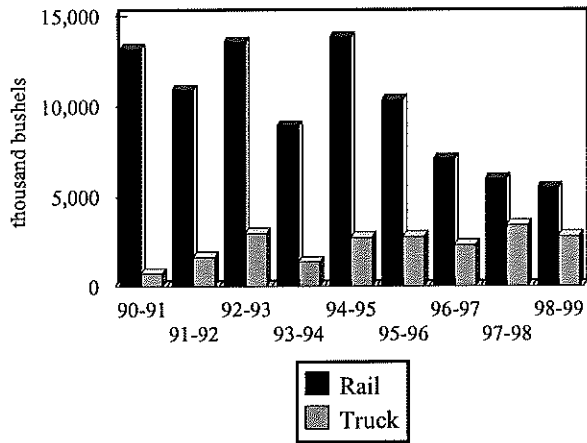
**Barley to PNW  
1990-91 to 1998-99**



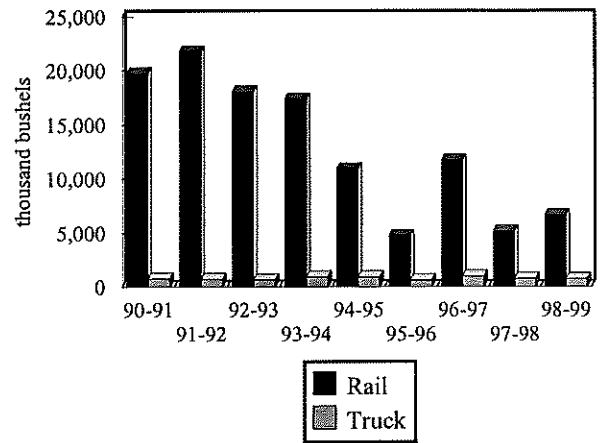
**Barley to North Dakota  
1990-91 to 1998-99**



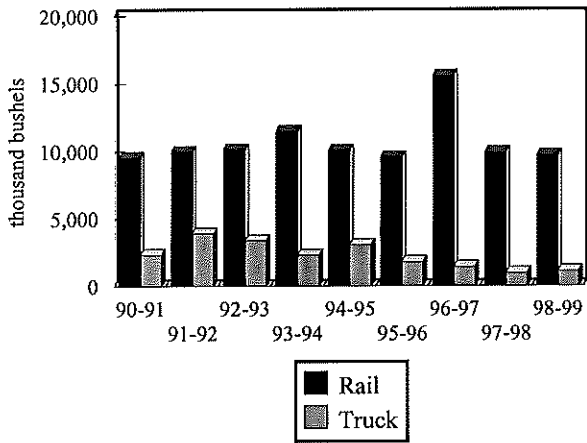
**Barley to Other Minn. & Wisconsin  
1990-91 to 1998-99**



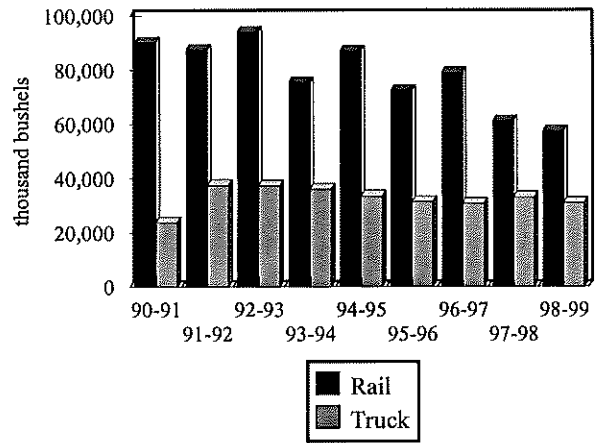
**Barley to Midland & Gulf  
1990-91 to 1998-99**



**Barley to Other Markets  
1990-91 to 1998-99**



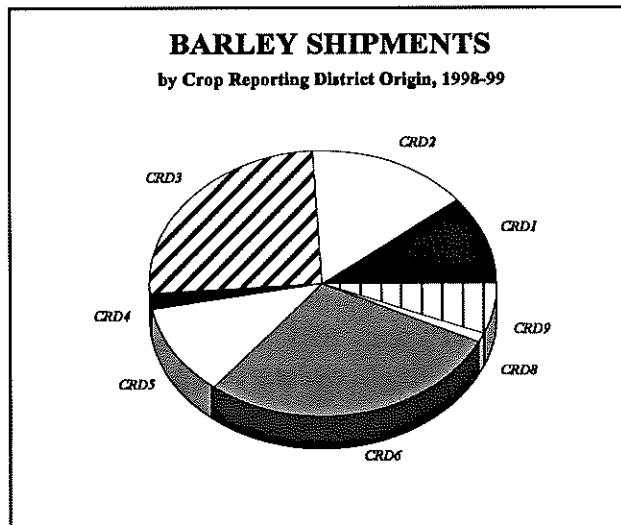
**Total Barley Shipments  
1990-91 to 1998-99**





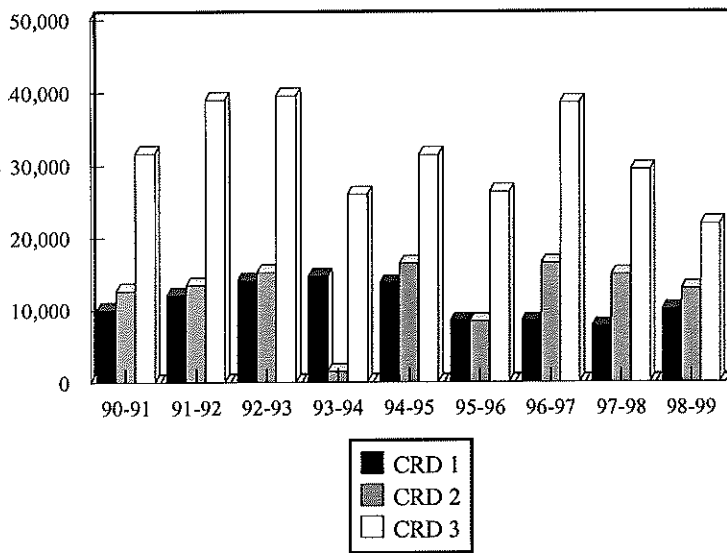
**NORTH DAKOTA BARLEY SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	14,657 13%	14,888 13%	25,960 23%	1,308 1%	11,144 10%	27,022 24%	854 0%	1,033 0%	14,221 13%	111,087 100%
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	8,467 10%	8,404 10%	26,315 31%	1,656 2%	9,877 11%	24,639 29%	517 0%	599 0%	5,490 6%	85,964 100%
1996-97	8,457 8%	16,436 15%	38,523 36%	1,178 1%	10,067 9%	27,443 25%	164 0%	139 0%	5,414 5%	107,821 100%
1997-98	7,719 8%	14,852 16%	29,362 31%	1,068 1%	10,354 11%	24,580 26%	18 0%	247 1%	5,787 6%	93,987 100%
1998-99	10,092 11%	12,932 15%	21,842 25%	1,703 2%	9,902 11%	25,605 29%	117 0%	865 1%	5,144 6%	88,204 100%

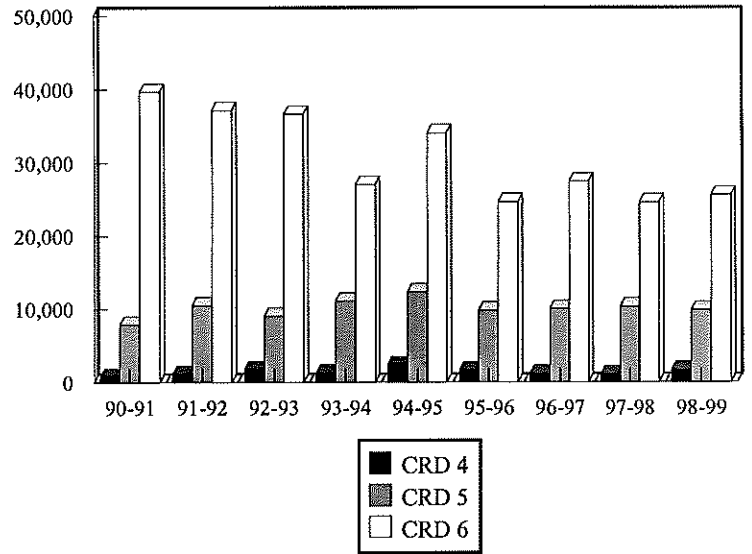


# BARLEY SHIPMENTS BY CROP REPORTING DISTRICT

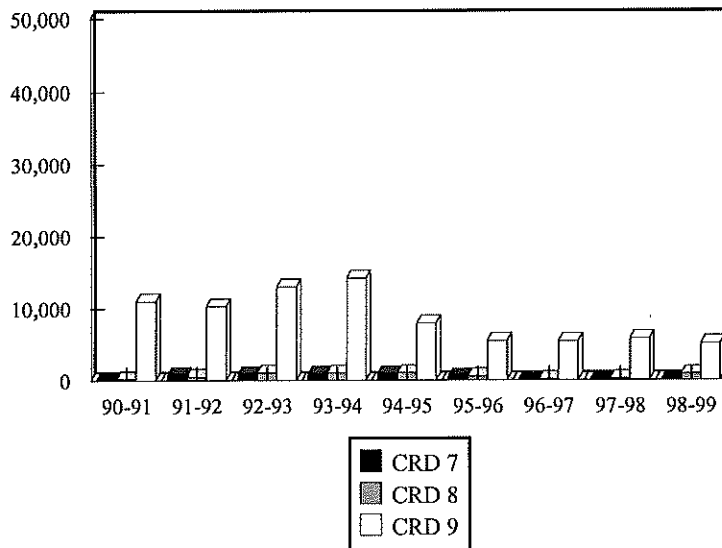
**Northern Crop Reporting Districts**  
(thousand bushels)

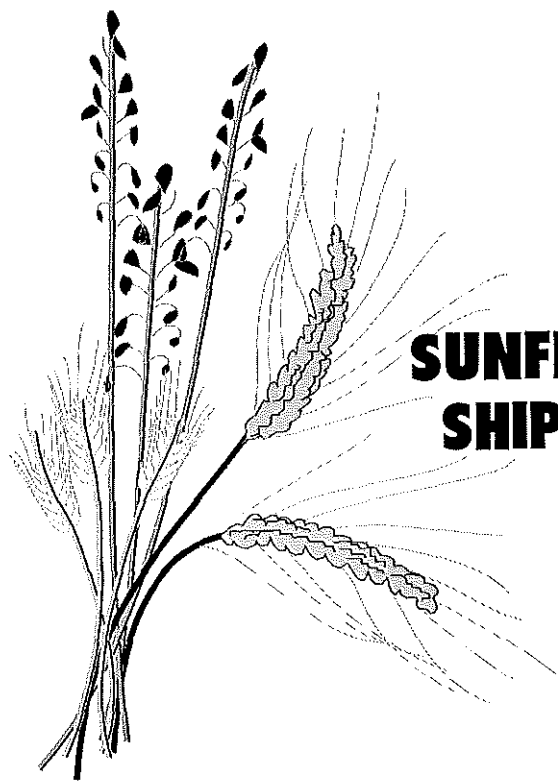


**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





**SUNFLOWER  
SHIPMENTS**

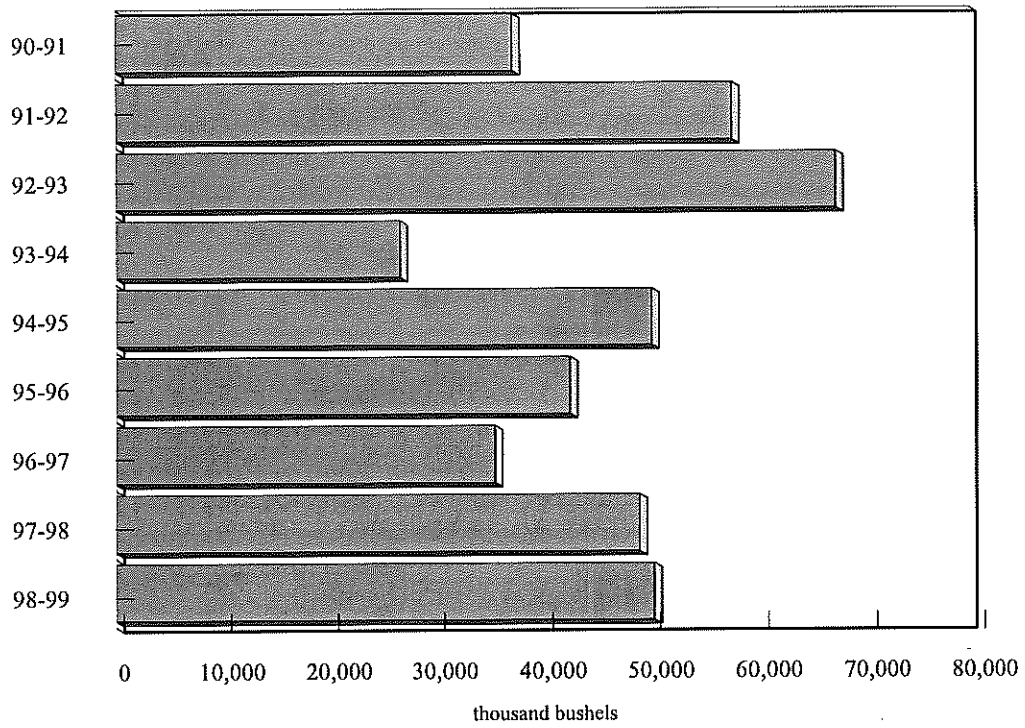
**NORTH DAKOTA SUNFLOWER SHIPMENTS  
BY DESTINATION  
thousand bu.**

<b>YEAR</b>	<b>Minneapolis- St. Paul</b>	<b>Duluth- Superior</b>	<b>PNW</b>	<b>North Dakota</b>	<b>Other Minn. &amp; Wisconsin</b>	<b>Midland &amp; Gulf</b>	<b>Other</b>	<b>TOTAL</b>
<b>1990-91</b>	4,267	717	146	20,880	2,276	1,077	7,757	37,114
	11%	2%	0%	56%	6%	3%	21%	100%
<b>1991-92</b>	4,064	1,163	227	33,492	4,116	2,132	12,268	57,427
	7%	2%	0%	58%	7%	4%	21%	100%
<b>1992-93</b>	4,367	845	963	47,059	3,804	979	8,948	66,965
	7%	1%	1%	70%	6%	1%	13%	100%
<b>1993-94</b>	2,091	38	173	16,721	1,364	769	5,426	26,582
	8%	0%	1%	63%	5%	3%	20%	100%
<b>1994-95</b>	2,619	2,775	425	32,726	1,574	1,260	8,543	49,921
	5%	6%	1%	66%	3%	3%	17%	100%
<b>1995-96</b>	1,824	2,805	485	28,889	1,865	824	5,648	42,338
	4%	7%	1%	68%	4%	2%	13%	100%
<b>1996-97</b>	1,553	108	86	27,548	1,656	838	3,631	35,419
	4%	0%	0%	78%	5%	2%	10%	100%
<b>1997-98</b>	2,243	2,179	280	36,634	3,674	612	3,164	48,786
	5%	4%	1%	75%	8%	1%	6%	100%
<b>1998-99*</b>	4,614	3,179	329	33,450	3,981	562	4,088	50,177
	9%	6%	1%	67%	8%	1%	8%	100%

\* Results are preliminary.

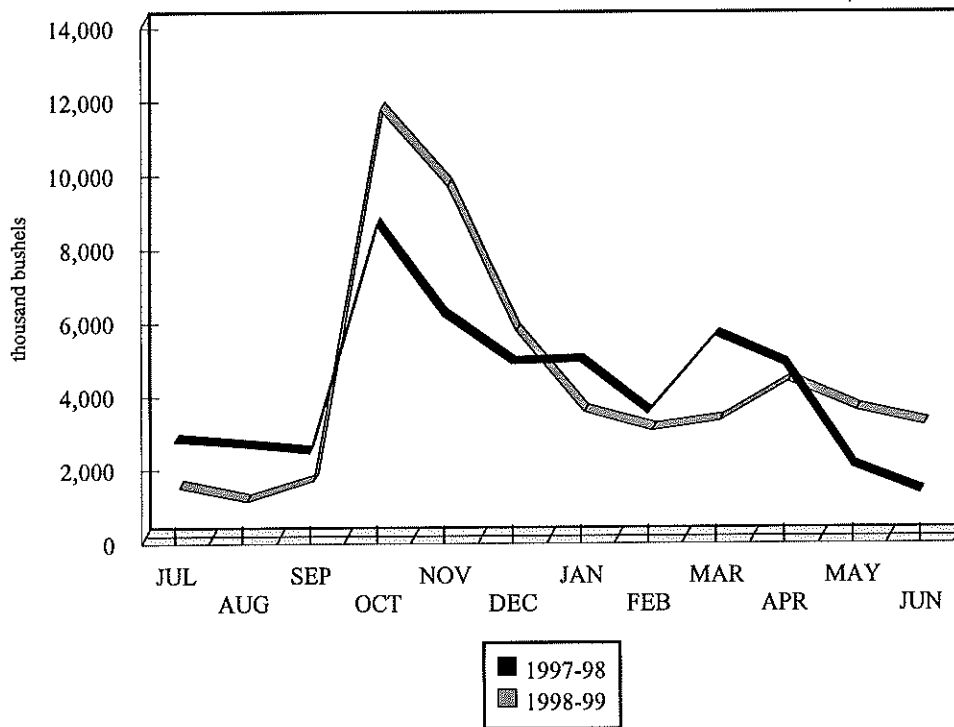
## SUNFLOWER SHIPMENTS

1990-91 to 1998-99



## SUNFLOWER SHIPMENTS

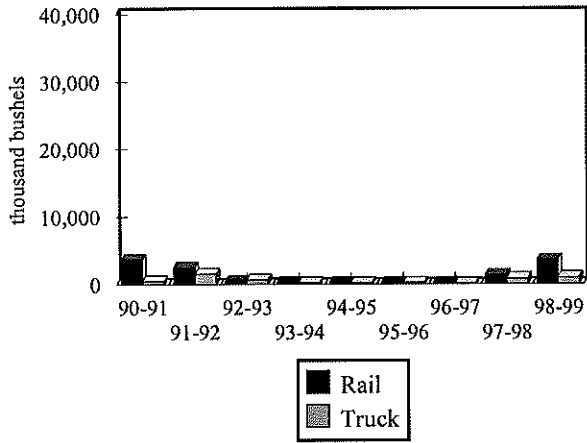
By Month, 1997-98 to 1998-99



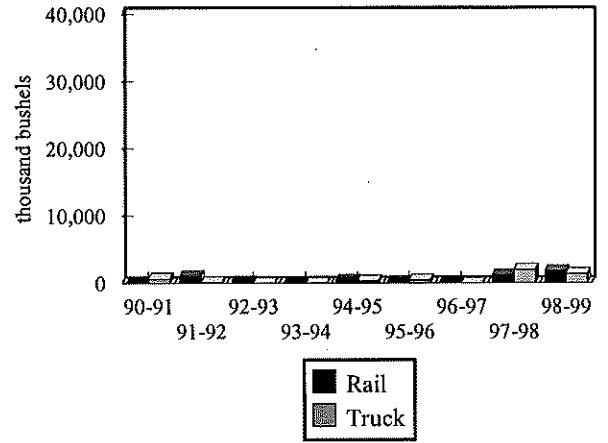
**NORTH DAKOTA SUNFLOWER SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
thousand bu.**

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	3,697	570	4	713	122	24	4,881	15,999	934	1,342	543	534	3,255	4,502	13,435	23,679
	87%	13%	1%	99%	84%	16%	23%	77%	41%	59%	50%	50%	42%	58%	36%	64%
1991-92	2,476	1,588	1,013	150	41	186	4,437	29,055	2,383	1,733	186	1,946	6,049	6,219	16,576	40,851
	61%	39%	87%	13%	18%	82%	13%	87%	58%	42%	9%	91%	49%	51%	29%	71%
1992-93	489	734	225	12	16	254	1,097	12,079	487	578	34	240	363	2,142	2,711	16,039
	40%	60%	95%	5%	6%	94%	8%	92%	46%	54%	12%	88%	15%	85%	14%	86%
1993-94	303	283	0	11	2	46	284	4,398	53	329	20	195	229	1,290	890	6,553
	52%	48%	0%	100%	9%	91%	6%	94%	14%	86%	9%	91%	15%	85%	12%	88%
1994-95	481	252	443	334	14	105	858	8,305	824	383	128	225	922	1,740	2,904	11,074
	66%	34%	57%	43%	36%	64%	9%	91%	13%	87%	36%	64%	39%	61%	21%	79%
1995-96	268	243	278	507	43	93	206	7,883	42	480	32	199	279	1,302	1,147	10,708
	61%	39%	35%	65%	14%	86%	3%	97%	13%	87%	10%	90%	18%	82%	10%	90%
1996-97	265	170	10	20	1	23	275	7,438	60	404	25	210	172	845	807	9,110
	61%	39%	35%	65%	10%	90%	4%	96%	13%	87%	10%	90%	17%	83%	8%	92%
1997-98	1,378	865	1,158	2,021	5	275	1,587	35,047	605	3,069	69	543	894	2,270	5,696	44,090
	61%	39%	7%	93%	11%	89%	4%	96%	16%	84%	11%	89%	28%	72%	11%	88%
1998-99	3,592	1,022	1,781	1,398	9	320	3,205	30,245	520	3,461	36	526	1,581	2,507	10,721	39,456
	78%	22%	56%	44%	3%	97%	10%	90%	13%	87%	6%	94%	39%	61%	21%	79%

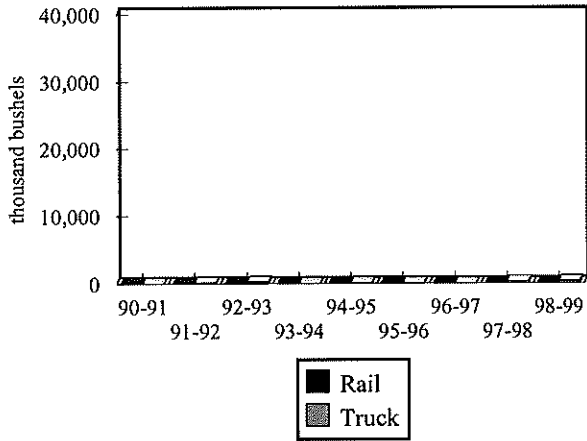
**Sunflower to Minneapolis-St. Paul  
1990-91 to 1998-99**



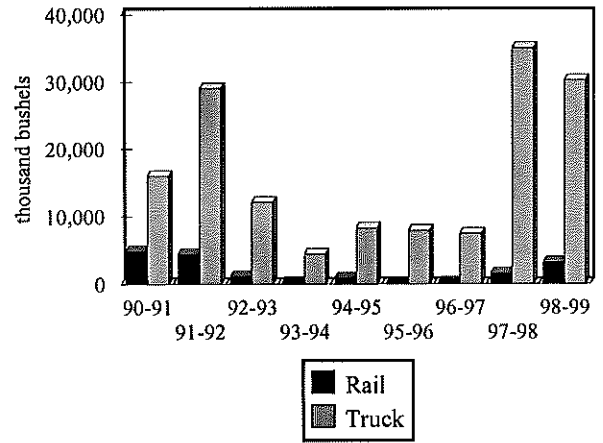
**Sunflower to Duluth-Superior  
1990-91 to 1998-99**



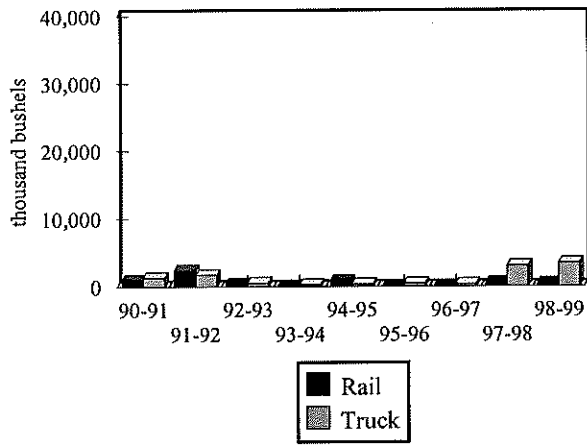
**Sunflower to PNW  
1990-91 to 1998-99**



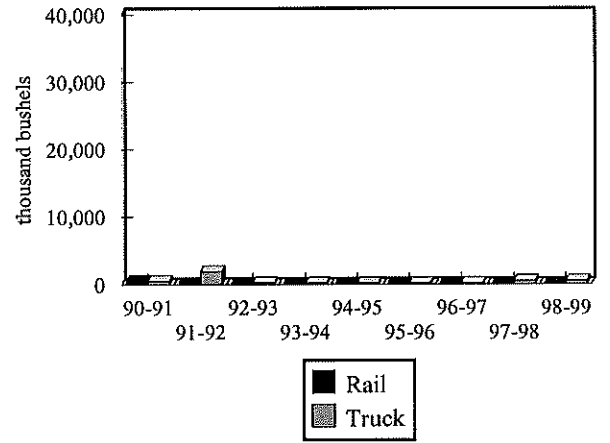
**Sunflower to North Dakota  
1990-91 to 1998-99**



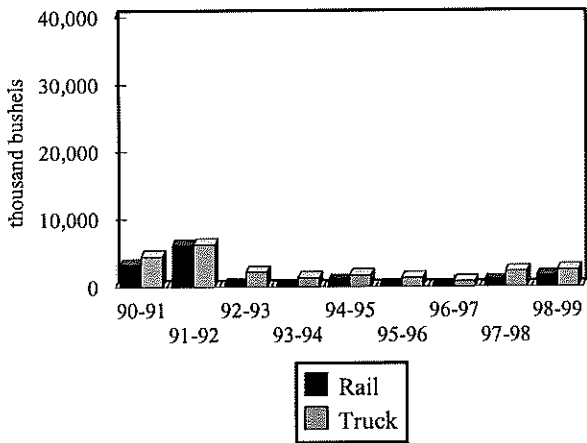
**Sunflower to Other Minn. & Wisconsin  
1990-91 to 1998-99**



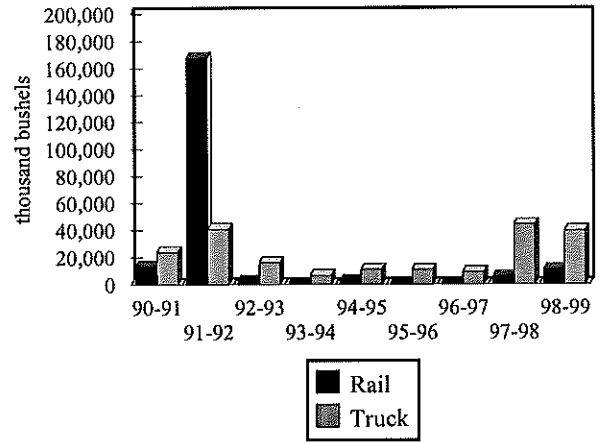
**Sunflower to Midland & Gulf  
1990-91 to 1998-99**



**Sunflower to Other Markets  
1990-91 to 1998-99**



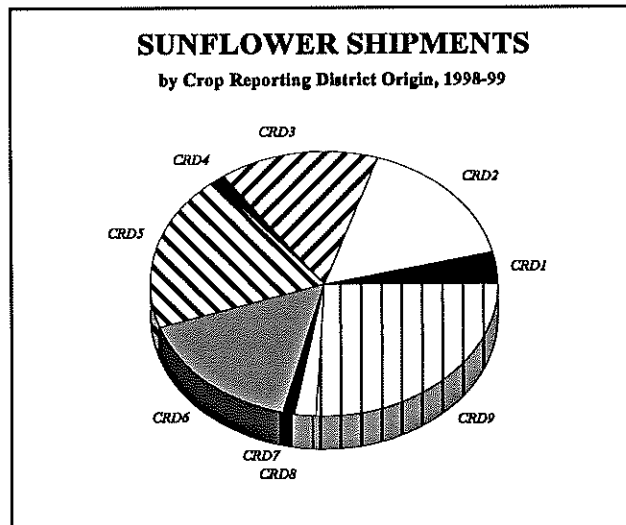
**Total Sunflower Shipments  
1990-91 to 1998-99**





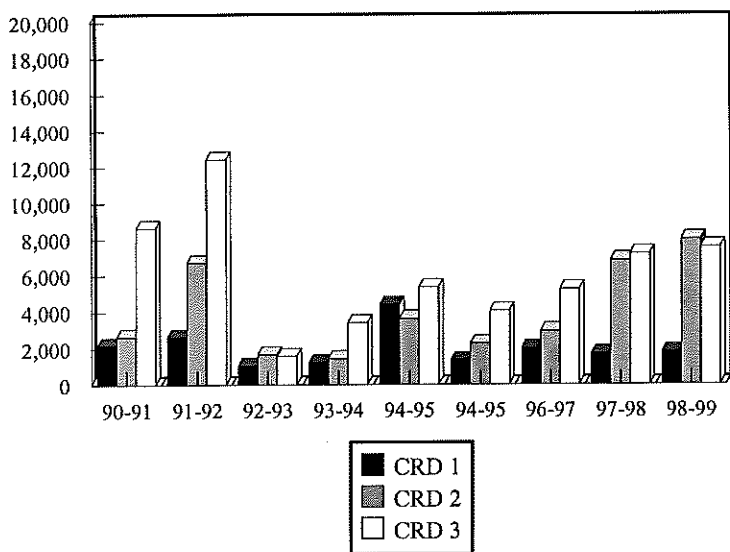
**NORTH DAKOTA SUNFLOWER SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1990-91	2,146	2,648	8,634	1,357	6,893	7,900	118	291	7,099	37,086
	6%	7%	23%	4%	19%	21%	0%	1%	19%	100%
1991-92	2,635	6,689	12,414	385	13,507	11,307	78	185	10,142	57,364
	5%	12%	22%	1%	23%	19%	0%	0%	18%	100%
1992-93	1,033	1,681	1,571	520	5,216	5,191	29	53	3,451	18,750
	6%	9%	8%	2%	28%	28%	0%	0%	18%	100%
1993-94	1,223	1,451	3,412	81	4,479	8,126	59	100	7,650	26,581
	5%	5%	13%	0%	17%	31%	0%	0%	29%	100%
1994-95	4,413	3,641	5,358	551	7,664	11,381	45	436	16,430	49,921
	9%	7%	11%	1%	15%	23%	0%	1%	33%	100%
1995-96	1,342	2,279	4,062	440	5,209	10,610	54	441	11,963	36,400
	4%	6%	11%	1%	14%	29%	0%	1%	33%	100%
1996-97	1,999	2,949	5,255	203	7,461	6,842	82	85	10,059	34,935
	6%	8%	15%	1%	21%	20%	0%	0%	29%	100%
1997-98	1,699	6,843	7,185	279	11,015	9,115	202	665	12,783	49,786
	3%	14%	14%	1%	22%	18%	1%	1%	26%	100%
1998-99	1,775	7,986	7,565	567	9,711	8,092	582	980	12,919	50,177
	4%	16%	15%	1%	19%	16%	1%	2%	26%	100%

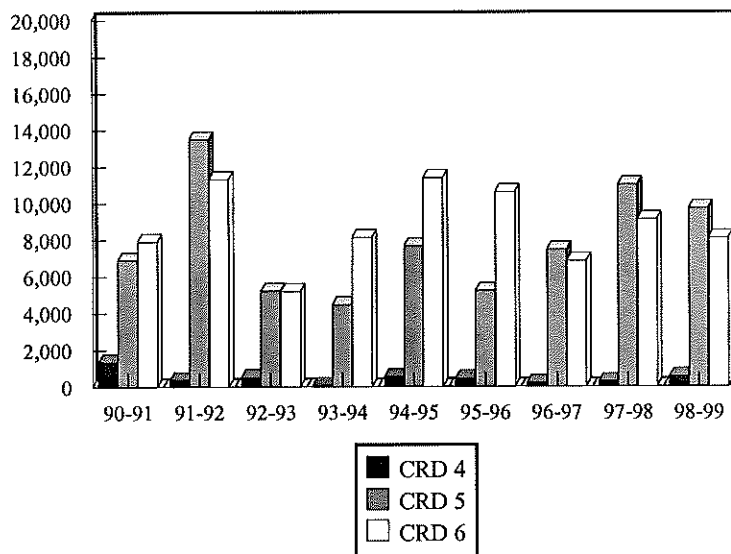


# SUNFLOWER SHIPMENTS BY CROP REPORTING DISTRICT

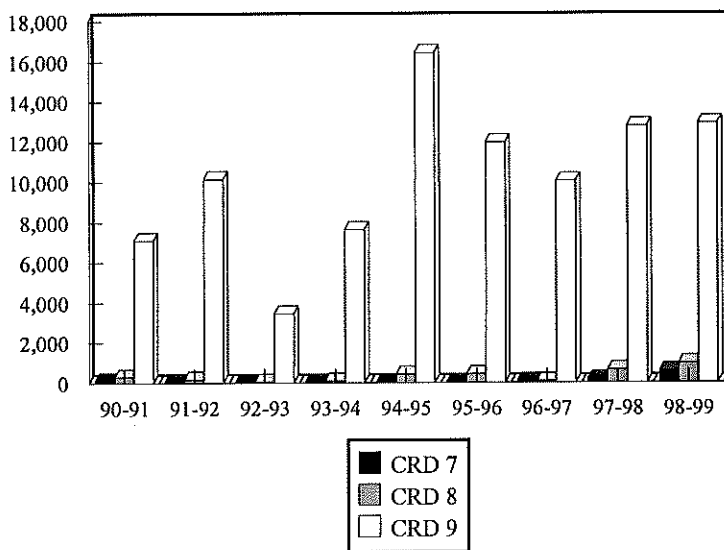
**Northern Crop Reporting Districts**  
(thousand bushels)

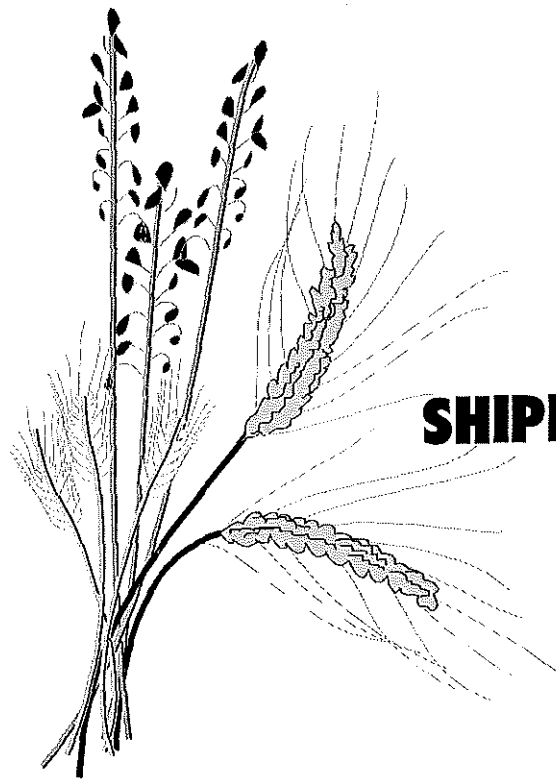


**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





# **OATS SHIPMENTS**

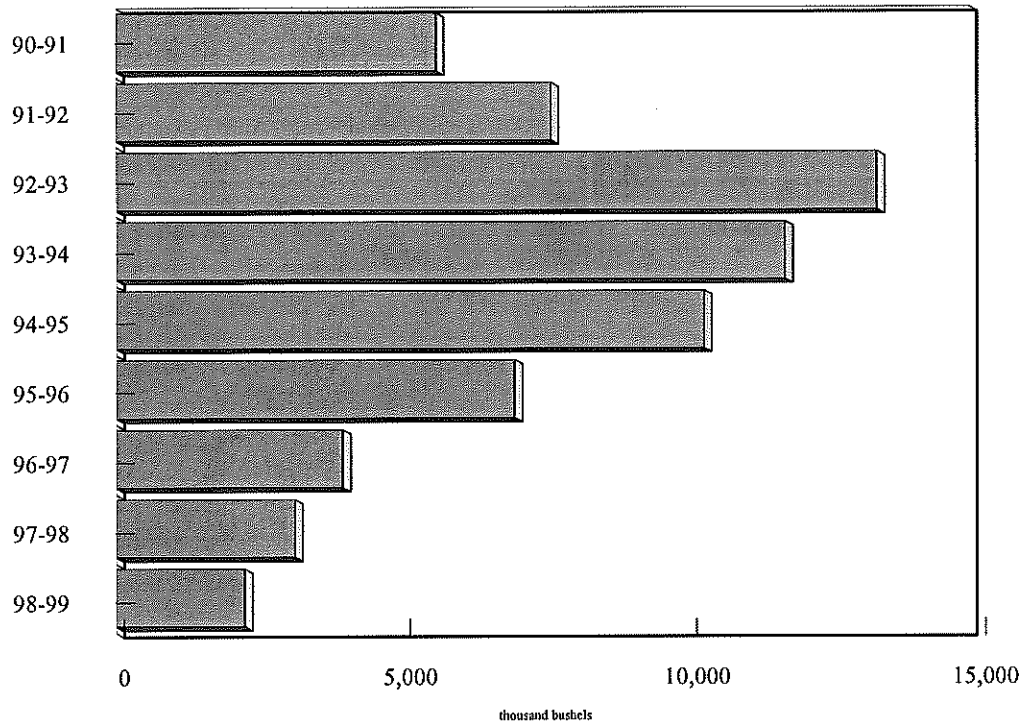
**NORTH DAKOTA OATS SHIPMENTS  
BY DESTINATION  
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1990-91	2,496	45	361	295	362	871	1,216	5,601
	45%	1%	6%	5%	6%	16%	22%	100%
1991-92	4,527	146	181	197	764	603	1,192	7,611
	59%	2%	2%	3%	10%	8%	16%	100%
1992-93	5,468	28	270	441	943	4,259	1,863	13,272
	41%	1%	2%	3%	7%	32%	14%	100%
1993-94	6,494	206	66	341	713	2,034	1,821	11,676
	56%	1%	0%	3%	6%	17%	16%	100%
1994-95	5,848	105	67	121	873	2,467	781	10,262
	57%	1%	1%	1%	9%	24%	8%	100%
1995-96	4,207	191	28	114	440	1,561	1,035	7,576
	56%	3%	0%	2%	6%	21%	14%	100%
1996-97	1,822	83	6	50	347	690	969	3,967
	46%	2%	0%	1%	9%	17%	24%	100%
1997-98	1,503	102	92	81	99	667	585	3,128
	48%	3%	3%	3%	3%	21%	19%	100%
1998-99*	705	20	53	47	67	387	978	2,258
	31%	1%	2%	2%	3%	17%	43%	100%

\* Results are preliminary.

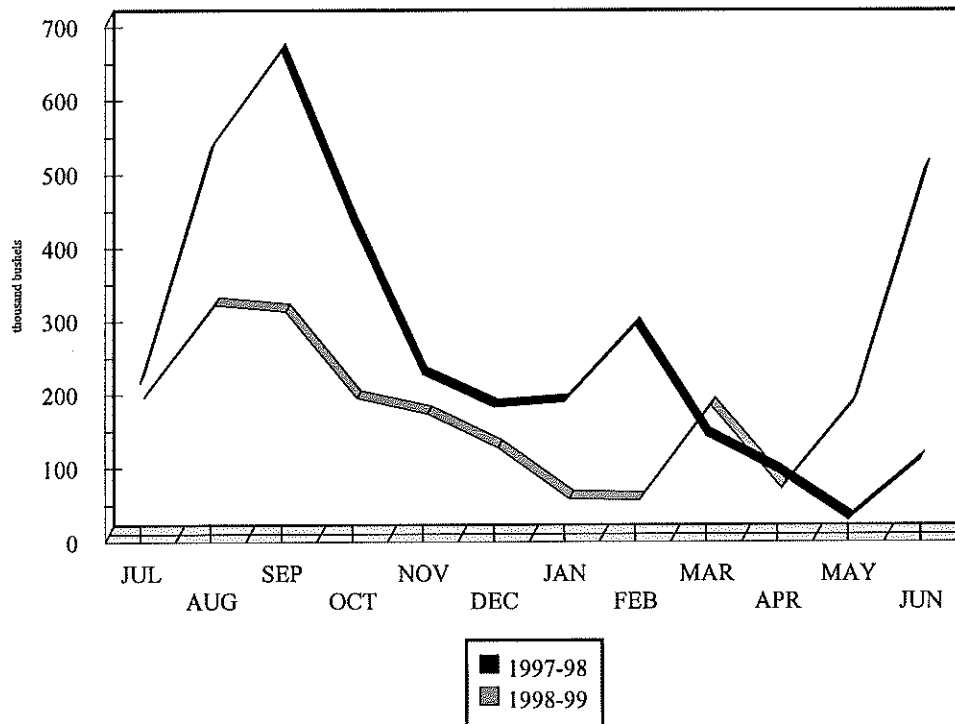
## OATS SHIPMENTS

1990-91 to 1998-99



## OATS SHIPMENTS

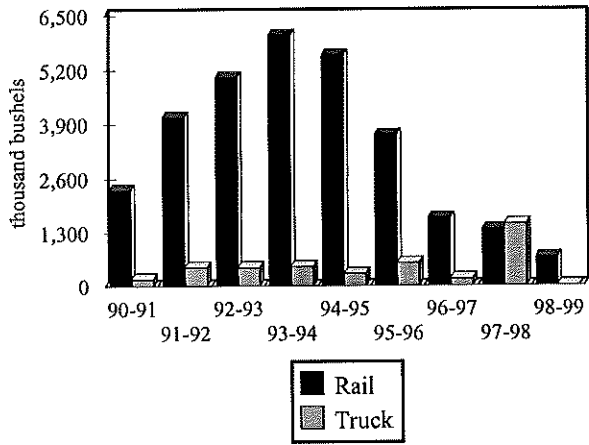
by Month, 1997-98 to 1998-99



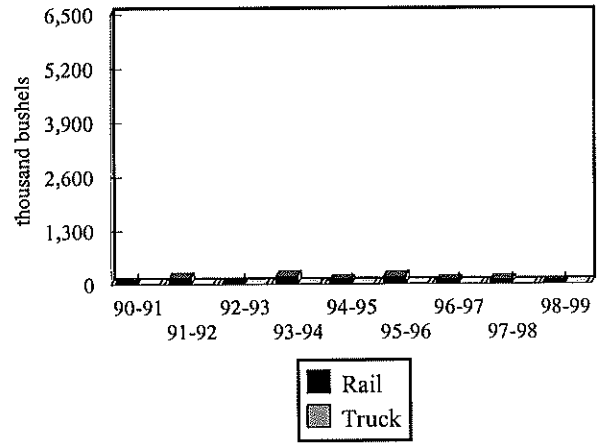
**NORTH DAKOTA OATS SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION**  
thousand bu.

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	2,319	177	36	9	240	75	57	238	276	86	310	561	281	935	3,519	2,082
	93%	7%	80%	20%	76%	24%	19%	81%	76%	24%	36%	64%	23%	77%	63%	37%
1991-92	4,064	463	141	6	150	32	14	183	572	192	343	260	484	707	5,768	1,843
	90%	10%	96%	4%	82%	18%	7%	93%	7%	25%	57%	43%	41%	59%	76%	24%
1992-93	5,019	449	25	3	74	196	9	432	552	390	3,967	292	886	977	10,533	2,739
	92%	8%	89%	11%	27%	73%	2%	98%	59%	41%	93%	7%	48%	52%	79%	21%
1993-94	6,021	473	195	11	40	27	0	341	337	376	1,419	615	840	981	8,852	2,824
	93%	7%	95%	5%	61%	39%	0%	100%	47%	53%	70%	30%	46%	54%	76%	24%
1994-95	5,546	302	98	7	52	15	9	112	602	271	1,539	928	414	367	8,261	2,001
	95%	5%	93%	7%	78%	22%	7%	93%	69%	31%	62%	38%	53%	47%	81%	19%
1995-96	3,646	561	181	10	25	3	25	89	162	278	842	719	647	388	5,529	2,047
	87%	13%	95%	5%	89%	11%	22%	78%	37%	63%	54%	46%	63%	37%	73%	27%
1996-97	1,646	176	82	1	5	1	0	50	116	231	286	404	769	200	2,906	1,061
	90%	10%	99%	1%	83%	17%	0%	100%	33%	67%	41%	59%	79%	21%	73%	27%
1997-98	1,374	1,503	97	5	90	2	35	46	19	80	224	443	421	164	2,258	870
	91%	9%	95%	5%	98%	2%	43%	57%	19%	81%	34%	66%	72%	28%	72%	28%
1998-99	691	15	20	0	0	53	0	47	5	62	43	344	889	90	1,647	612
	98%	2%	100%	0%	0%	100%	0%	100%	7%	93%	11%	89%	91%	9%	73%	27%

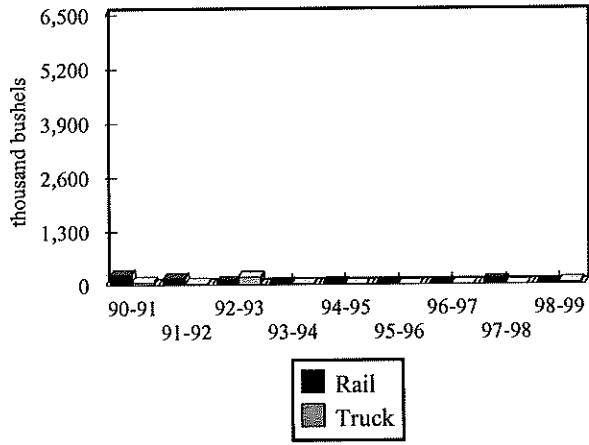
**Oats to Minneapolis-St. Paul  
1990-91 to 1998-99**



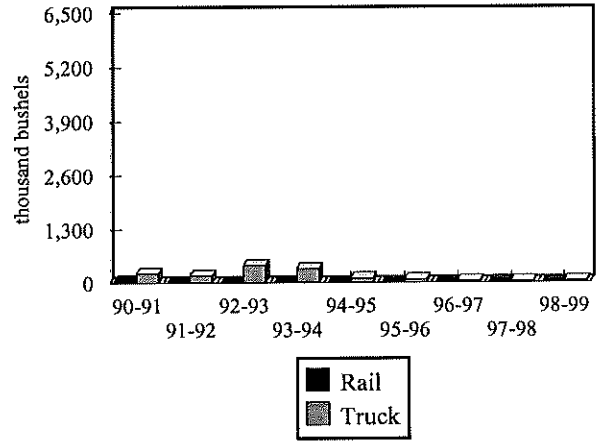
**Oats to Duluth-Superior  
1990-91 to 1998-99**



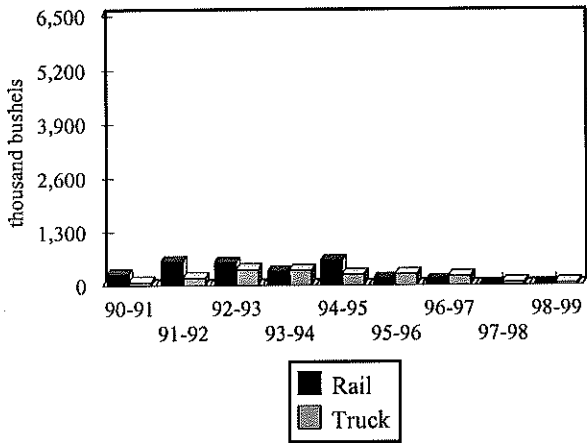
**Oats to PNW  
1990-91 to 1998-99**



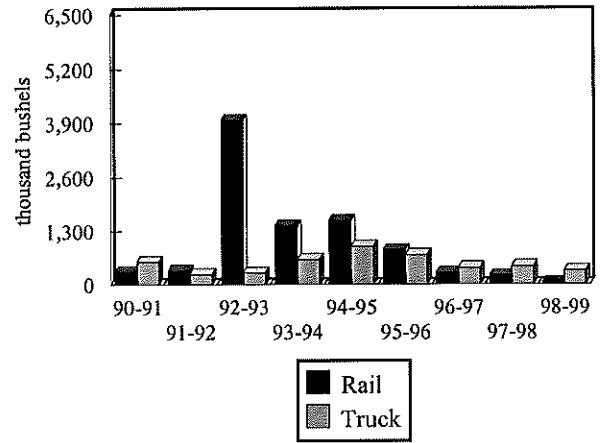
**Oats to North Dakota  
1990-91 to 1998-99**



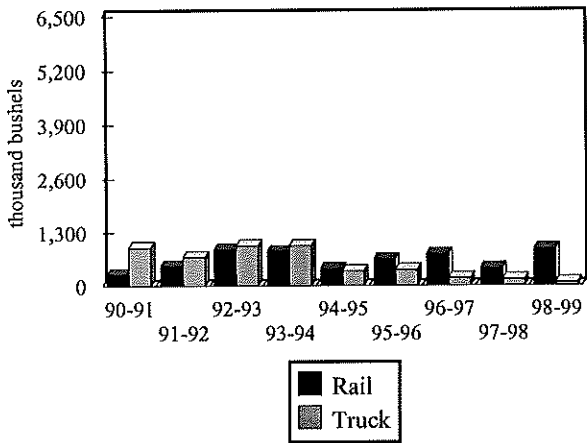
**Oats to Other Minn. & Wisconsin  
1990-91 to 1998-99**



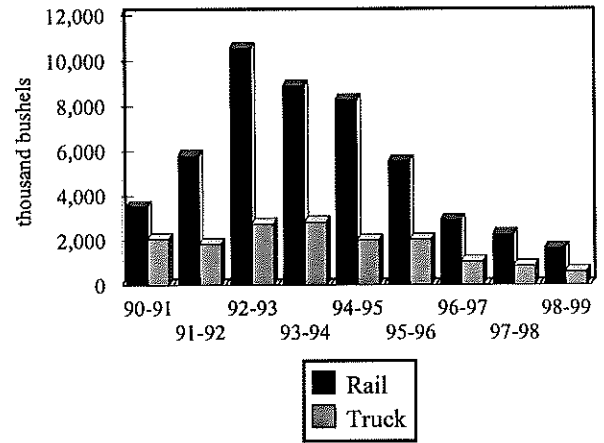
**Oats to Midland & Gulf  
1990-91 to 1998-99**



**Oats to Other Markets  
1990-91 to 1998-99**



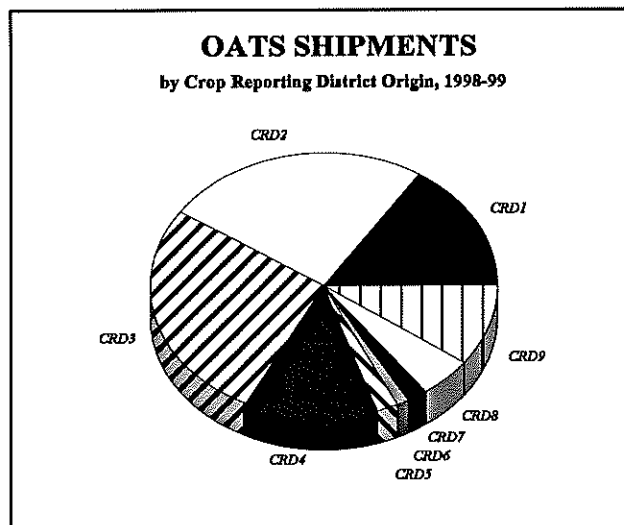
**Total Oats Shipments  
1990-91 to 1998-99**





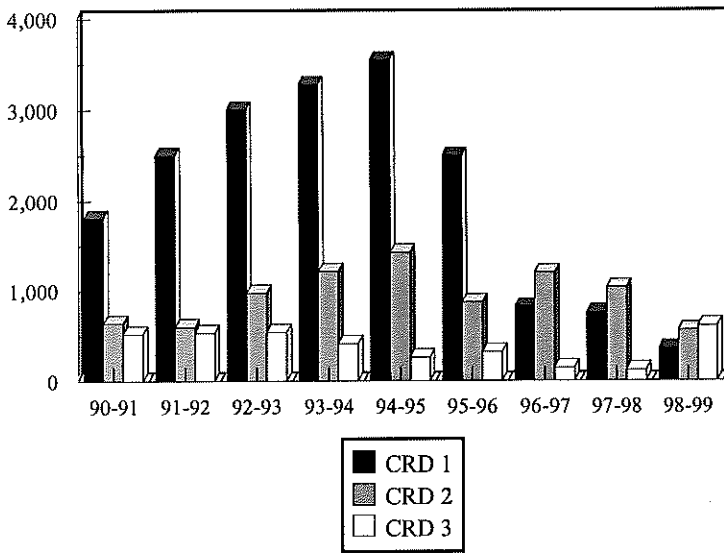
**NORTH DAKOTA OATS SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1990-91	1,809	636	515	605	386	911	52	70	617	5,601
	32%	11%	9%	11%	7%	16%	1%	1%	11%	100%
1991-92	2,492	596	532	848	499	763	73	322	1,472	7,601
	33%	8%	7%	11%	7%	10%	1%	4%	19%	100%
1992-93	2,997	971	539	1,308	3,209	948	289	1,127	1,879	13,271
	23%	7%	4%	10%	24%	7%	2%	9%	14%	100%
1993-94	3,273	1,211	409	1,646	1,539	455	337	1,182	1,624	11,676
	28%	10%	4%	14%	13%	4%	3%	10%	14%	100%
1994-95	3,544	1,426	260	1,540	968	79	276	974	1,195	10,262
	35%	14%	3%	15%	9%	1%	3%	10%	12%	100%
1995-96	2,488	871	318	1,046	465	66	335	602	777	6,968
	36%	13%	5%	15%	7%	0%	5%	9%	11%	100%
1996-97	855	1,205	144	599	318	63	106	179	499	3,967
	22%	30%	4%	15%	8%	2%	3%	5%	13%	100%
1997-98	755	1,036	120	447	178	180	62	20	323	3,122
	24%	33%	4%	14%	6%	6%	2%	1%	10%	100%
1998-99	350	556	605	301	50	28	37	103	229	2,258
	16%	25%	27%	13%	2%	1%	2%	5%	10%	100%

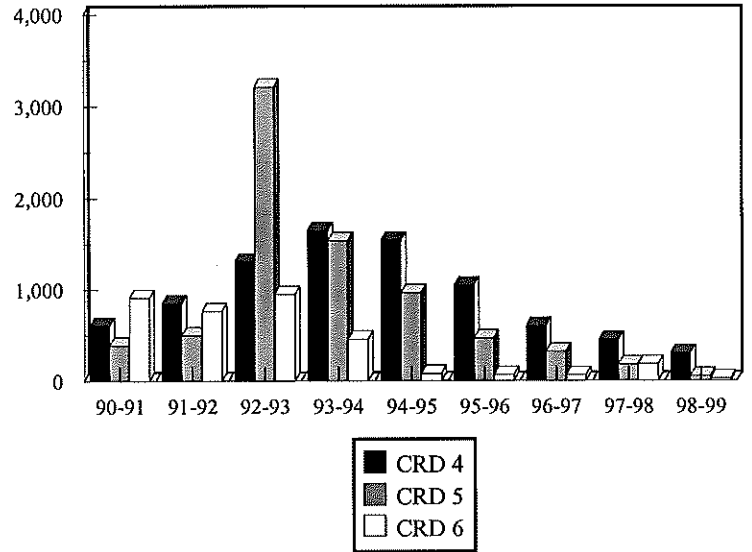


# OATS SHIPMENTS BY CROP REPORTING DISTRICT

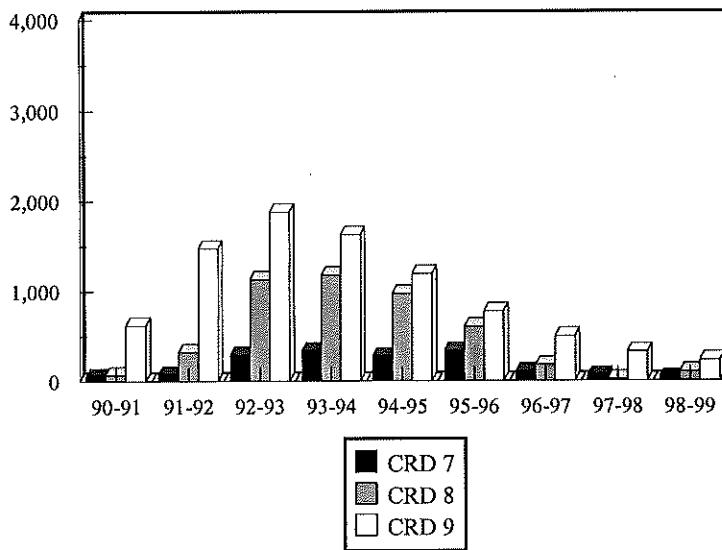
**Northern Crop Reporting Districts**  
(thousand bushels)

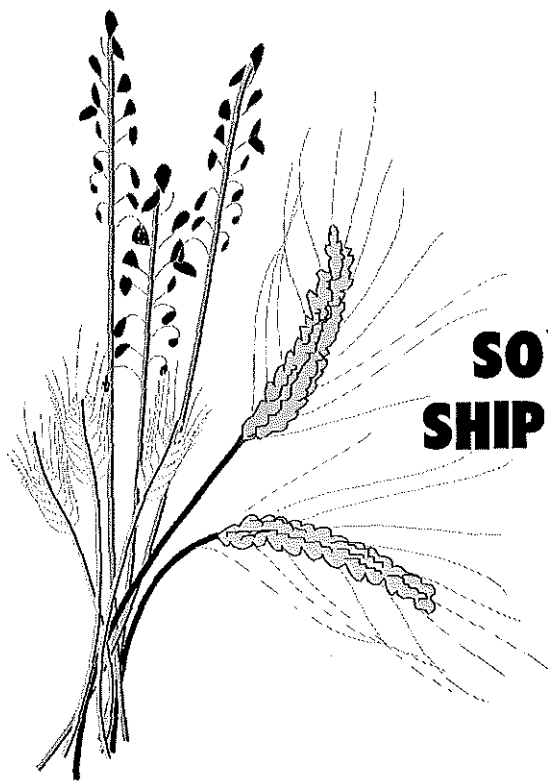


**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





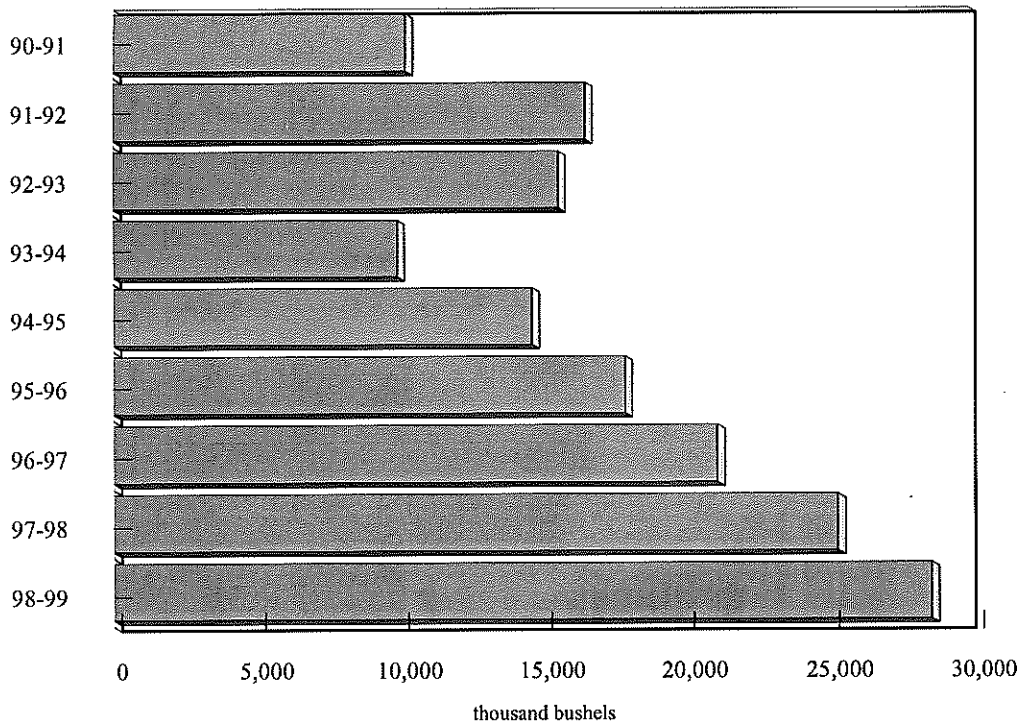
# **SOYBEAN SHIPMENTS**

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

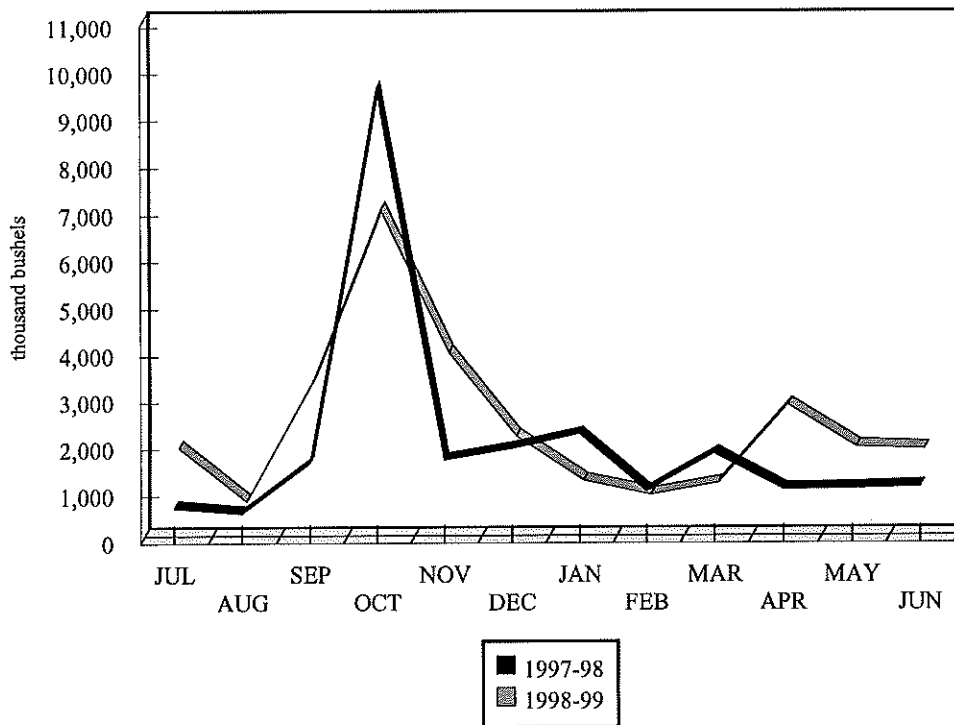
<b>YEAR</b>	<b>Minneapolis- St. Paul</b>	<b>Duluth- Superior</b>	<b>PNW</b>	<b>North Dakota</b>	<b>Other Minn. &amp; Wisconsin</b>	<b>Midland &amp; Gulf</b>	<b>Other</b>	<b>TOTAL</b>
<b>1990-91</b>	1,802	1,268	4,001	2,285	387	81	361	10,185
	18%	12%	39%	22%	4%	1%	4%	100%
<b>1991-92</b>	3,025	511	7,552	3,002	230	428	1,715	16,464
	18%	3%	46%	18%	1%	3%	10%	100%
<b>1992-93</b>	3,594	354	8,396	1,113	542	558	971	15,528
	23%	2%	54%	7%	3%	4%	6%	100%
<b>1993-94</b>	3,198	621	3,669	693	218	781	719	9,898
	32%	6%	37%	7%	2%	8%	7%	100%
<b>1994-95</b>	2,825	3,110	6,806	373	568	121	792	14,594
	19%	21%	47%	3%	4%	1%	5%	100%
<b>1995-96</b>	4,207	191	28	114	440	1,561	1,035	7,576
	56%	3%	0%	2%	6%	21%	14%	100%
<b>1996-97</b>	1,607	8,252	5,809	2,523	486	17	2,542	21,236
	8%	39%	27%	12%	2%	0%	12%	100%
<b>1997-98</b>	4,395	9,210	4,751	2,292	718	813	3,044	25,223
	17%	37%	19%	9%	3%	3%	12%	100%
<b>1998-99*</b>	6,420	12,435	3,506	966	1,125	854	3,160	28,467
	23%	44%	12%	3%	4%	3%	11%	100%

\*Results are preliminary.

## SOYBEAN SHIPMENTS 1990-91 to 1998-99



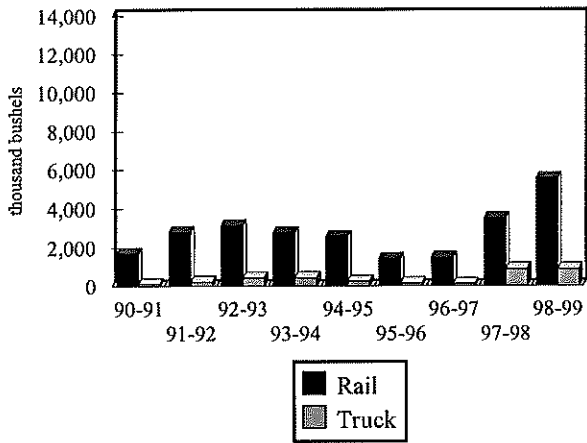
## SOYBEAN SHIPMENTS by Month, 1997-98 to 1998-99



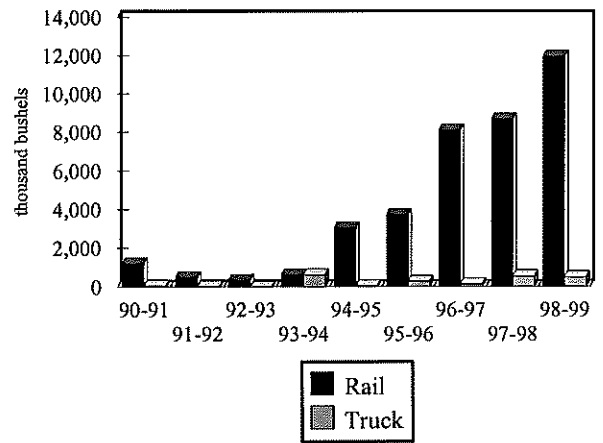
**NORTH DAKOTA SOYBEAN SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
thousand bu.**

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	1,683	120	1,215	54	3,816	186	179	2,106	325	61	66	15	202	158	7,485	2,700
	93%	7%	96%	4%	95%	5%	8%	92%	84%	16%	81%	19%	56%	44%	73%	27%
1991-92	2,783	242	479	32	7,185	367	914	2,088	109	121	423	5	1,541	174	13,435	3,029
	92%	8%	94%	6%	95%	5%	30%	70%	47%	53%	99%	1%	90%	10%	82%	18%
1992-93	3,144	450	349	5	8,387	9	209	904	492	50	545	13	879	92	14,005	1,523
	87%	13%	99%	1%	99%	1%	19%	81%	91%	9%	98%	2%	91%	9%	90%	10%
1993-94	2,738	460	614	621	3,666	3	425	268	48	170	769	12	613	106	8,872	1,026
	86%	14%	99%	1%	99%	1%	61%	39%	22%	78%	98%	2%	85%	15%	99%	1%
1994-95	2,552	273	3,047	63	6,542	264	184	189	321	247	102	19	684	108	13,432	1,163
	90%	10%	98%	2%	96%	4%	49%	51%	57%	43%	84%	16%	86%	14%	92%	8%
1995-96	1,421	183	3,710	270	11,674	2	222	754	218	141	425	38	1,586	117	19,256	1,448
	89%	11%	94%	6%	99%	1%	23%	77%	61%	39%	92%	8%	93%	7%	93%	7%
1996-97	1,477	130	8,112	140	5,789	20	219	2,304	421	65	10	7	2,381	161	18,409	2,827
	92%	8%	98%	2%	99%	1%	9%	91%	87%	13%	59%	41%	94%	6%	87%	13%
1997-98	3,508	887	8,673	537	4,734	17	167	2,125	253	465	769	44	2,717	327	20,821	4,402
	80%	20%	94%	6%	99%	1%	7%	93%	35%	65%	95%	5%	89%	11%	83%	17%
1998-99	5,546	874	11,938	497	3,363	143	51	915	663	461	649	205	2,793	368	25,004	3,463
	86%	14%	96%	4%	96%	4%	5%	95%	59%	41%	76%	24%	88%	12%	88%	12%

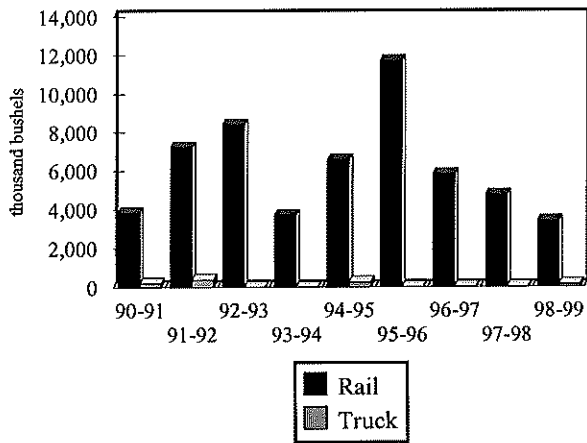
**Soybeans to Minneapolis-St. Paul  
1990-91 to 1998-99**



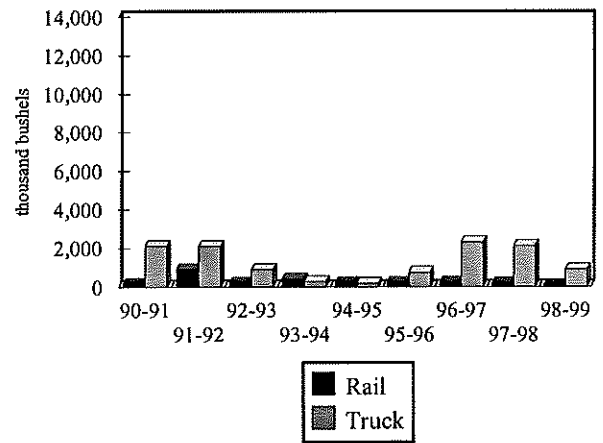
**Soybeans to Duluth-Superior  
1990-91 to 1998-99**



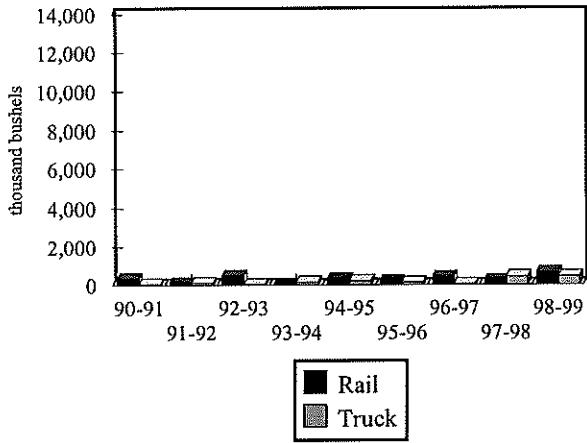
**Soybeans to PNW  
1990-91 to 1998-99**



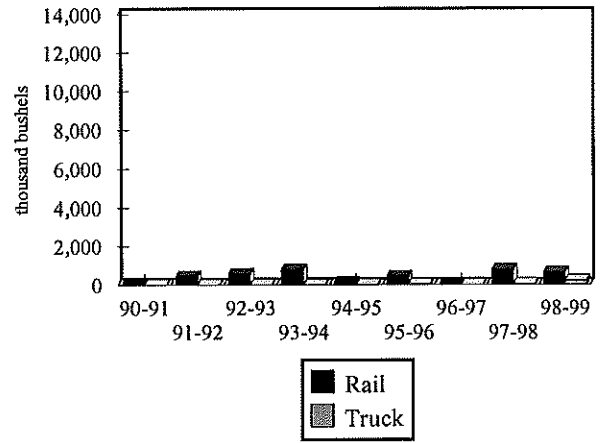
**Soybeans to North Dakota  
1990-91 to 1998-99**



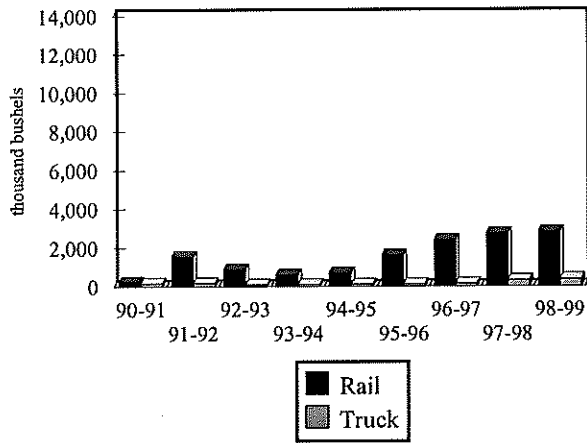
**Soybeans to Other Minn. & Wisconsin  
1990-91 to 1998-99**



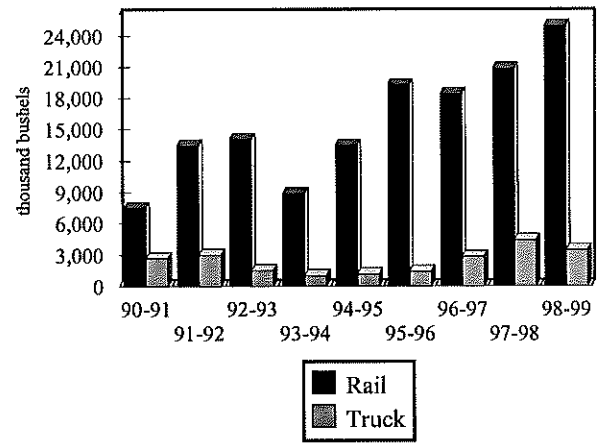
**Soybeans to Midland & Gulf  
1990-91 to 1998-99**



**Soybeans to Other Markets  
1990-91 to 1998-99**



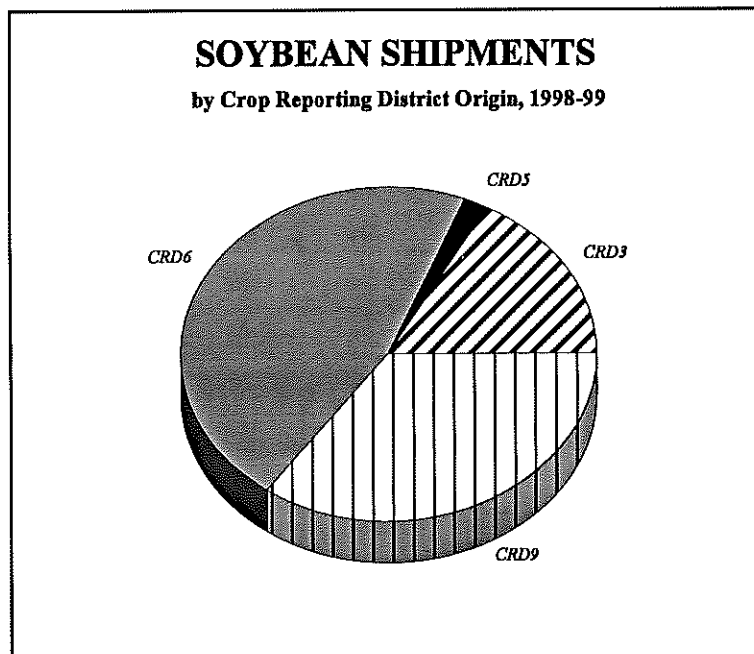
**Total Soybean Shipments  
1990-91 to 1998-99**





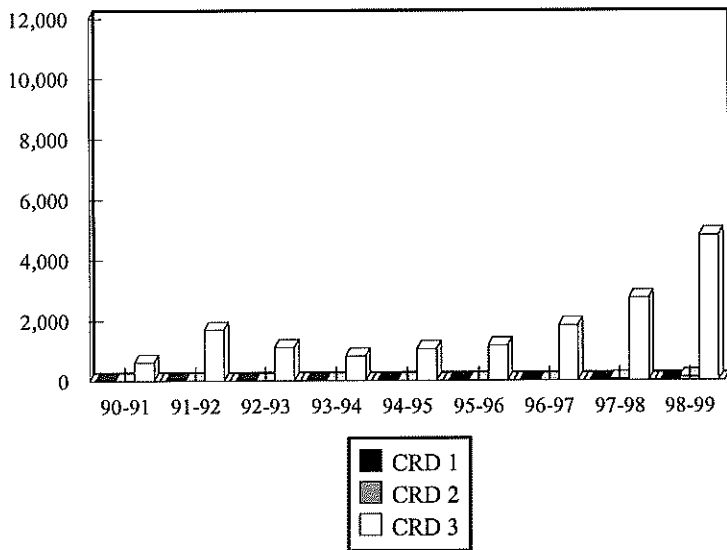
**NORTH DAKOTA SOYBEAN SHIPMENTS  
BY CROP REPORTING DISTRICT ORIGIN**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1990-91	3	6	622	29	36	5,369	0	122	3,998	10,185
	0%	0%	6%	0%	0%	53%	0%	1%	39%	100%
1991-92	0	11	1,696	883	78	8,491	220	0	6,184	16,464
	0%	0%	10%	5%	0%	51%	1%	0%	37%	100%
1992-93	8	4	1,112	8	14	7,900	0	3	6,475	15,527
	0%	0%	7%	0%	0%	51%	0%	0%	42%	100%
1993-94	4	0	827	0	22	4,986	0	0	4,059	9,898
	0%	0%	8%	0%	0%	50%	0%	0%	41%	100%
1994-95	0	5	1,057	0	15	7,818	0	0	5,700	14,594
	0%	0%	7%	0%	0%	54%	0%	0%	39%	100%
1995-96	1	12	1,175	0	63	8,543	0	0	8,071	17,865
	0%	0%	7%	0%	0%	48%	0%	0%	45%	100%
1996-97	7	5	1,833	1	140	11,105	0	0	8,006	21,097
	0%	0%	9%	0%	1%	53%	0%	0%	38%	100%
1997-98	0	58	2,736	26	247	11,717	3	8	10,429	25,223
	0%	0%	11%	0%	1%	46%	0%	0%	42%	100%
1998-99	0	119	4,805	14	537	13,027	4	77	9,885	28,467
	0%	0%	17%	0%	2%	46%	0%	0%	35%	100%

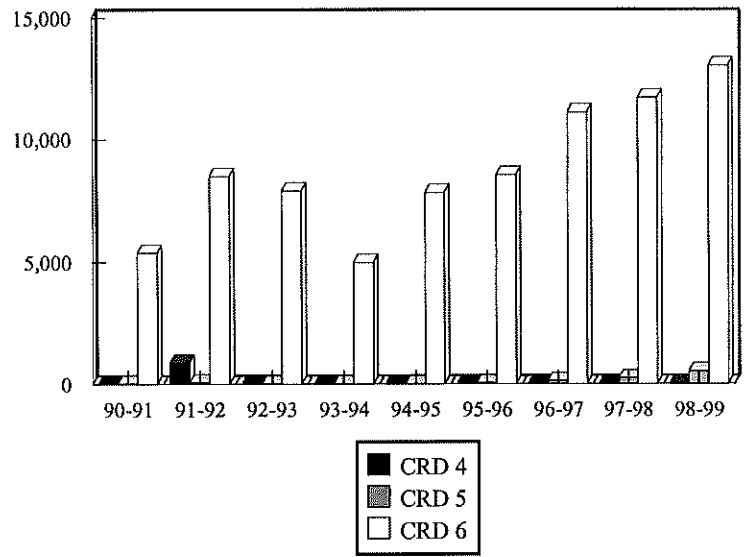


# SOYBEAN SHIPMENTS BY CROP REPORTING DISTRICT

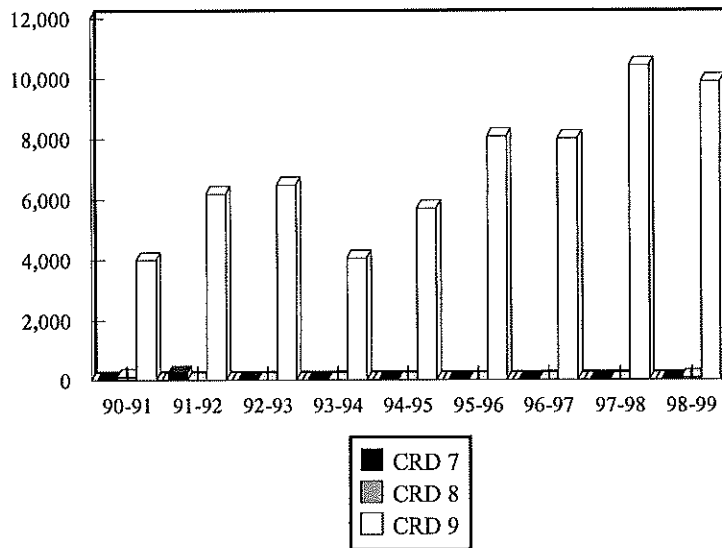
**Northern Crop Reporting Districts**  
(thousand bushels)



**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





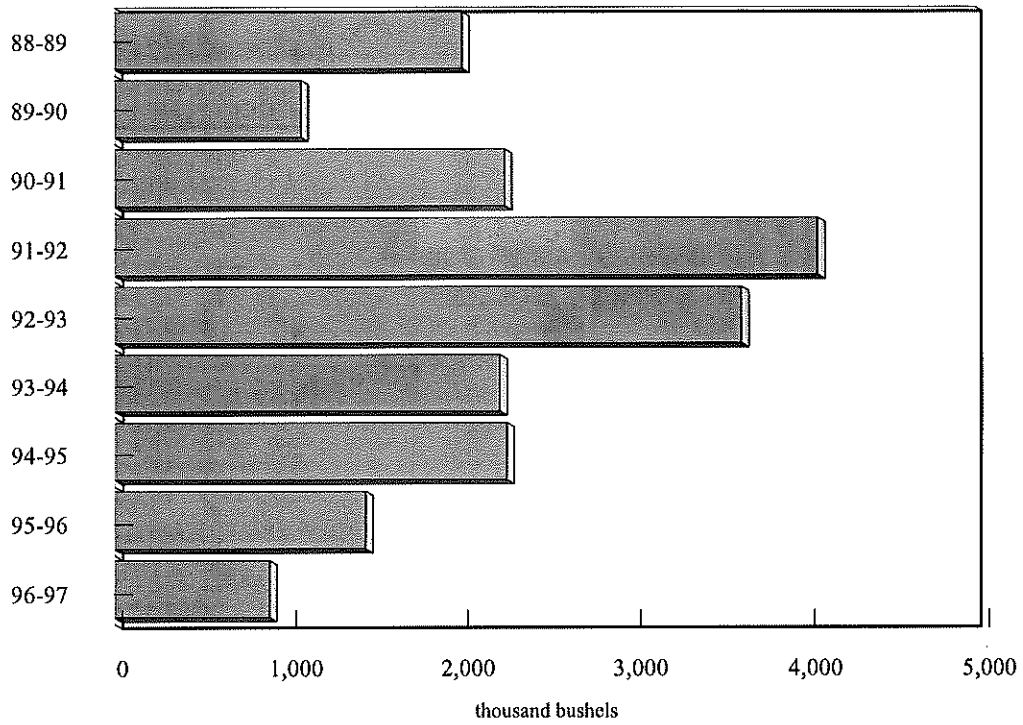
# **FLAXSEED SHIPMENTS**

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

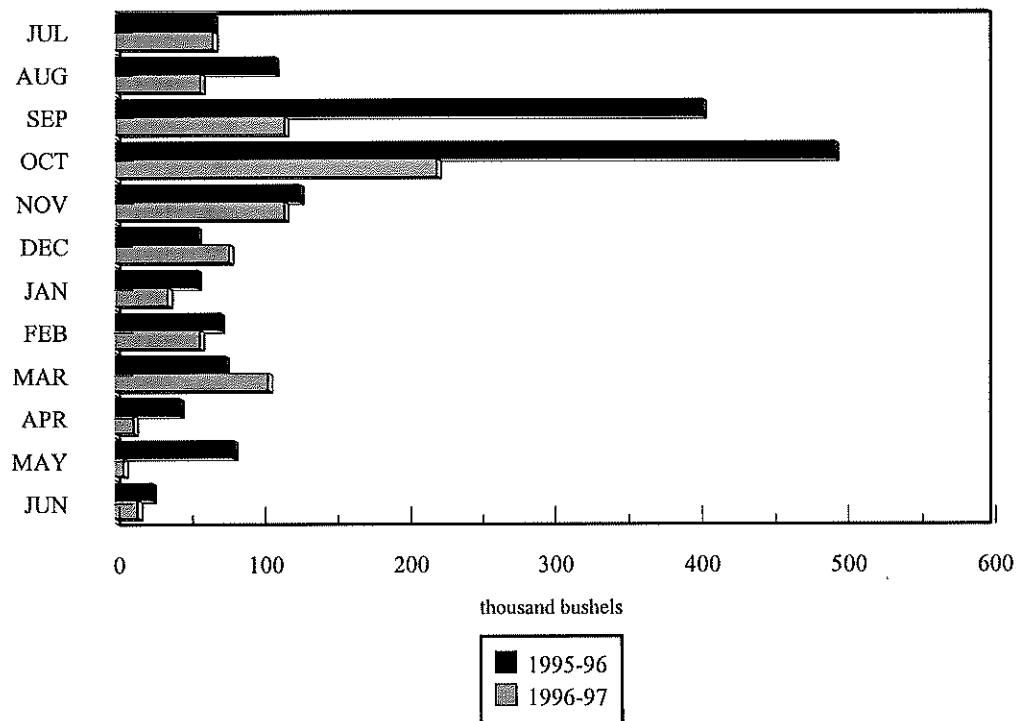
<b>YEAR</b>	<b>Minneapolis - St. Paul</b>	<b>Other Minnesota - Wisconsin</b>	<b>North Dakota</b>	<b>Misc.</b>	<b>TOTAL</b>
<b>1988-89</b>	<b>214</b> 11%	<b>849</b> 42%	<b>650</b> 32%	<b>299</b> 15%	<b>2,013</b> 100%
<b>1989-90</b>	<b>209</b> 19%	<b>269</b> 25%	<b>425</b> 39%	<b>174</b> 16%	<b>1,077</b> 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>771</b> 35%	<b>539</b> 24%	<b>687</b> 31%	<b>231</b> 10%	<b>2,228</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>354</b> 24%	<b>165</b> 11%	<b>628</b> 43%	<b>303</b> 21%	<b>1,450</b> 100%
<b>1996-97</b>	<b>175</b> 20%	<b>103</b> 12%	<b>458</b> 51%	<b>155</b> 17%	<b>891</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 1988-89 to 1996-97



## FLAX SHIPMENTS by Month, 1995-96 to 1996-97

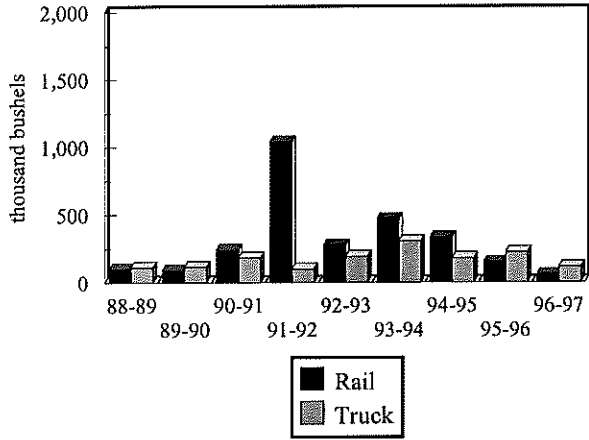


**NORTH DAKOTA FLAXSEED SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
thousand bu.**

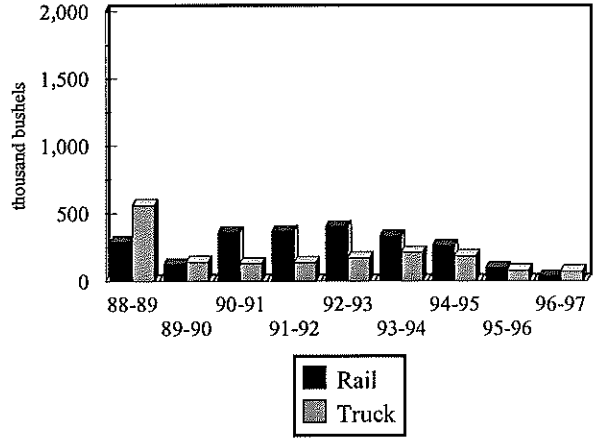
YEAR	Minneapolis- St. Paul		Other Minnesota - Wisconsin		North Dakota		Misc. Markets		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1988-89	101 47%	112 53%	288 34%	561 66%	44 7%	606 93%	125 42%	174 58%	559 28%	1,454 72%
1989-90	92 44%	116 56%	125 46%	144 54%	25 6%	400 94%	61 35%	113 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	466 60%	305 40%	327 61%	213 39%	19 3%	668 97%	77 33%	153 67%	889 40%	1,339 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 40%	225 60%	98 55%	80 45%	49 7%	668 93%	237 70%	100 30%	536 33%	1,073 67%
1996-97	59 34%	115 66%	31 30%	72 70%	47 10%	411 90%	90 58%	66 42%	227 25%	664 75%

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

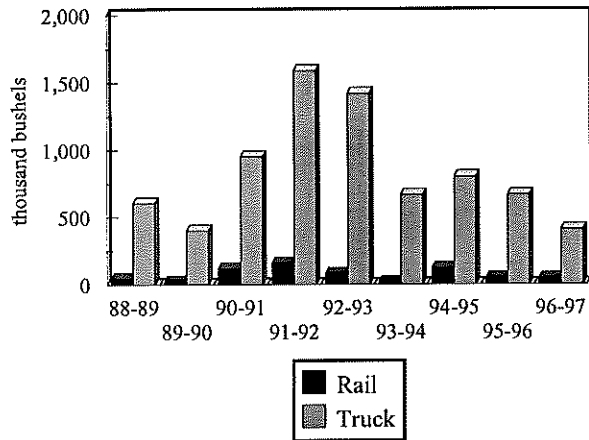
**FLAX TO MINNEAPOLIS**  
1988-89 to 1996-97



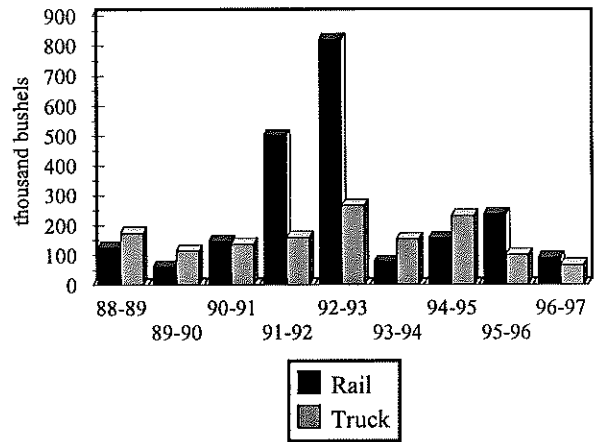
**FLAX TO OTHER MINN/WISC**  
1988-89 to 1996-97



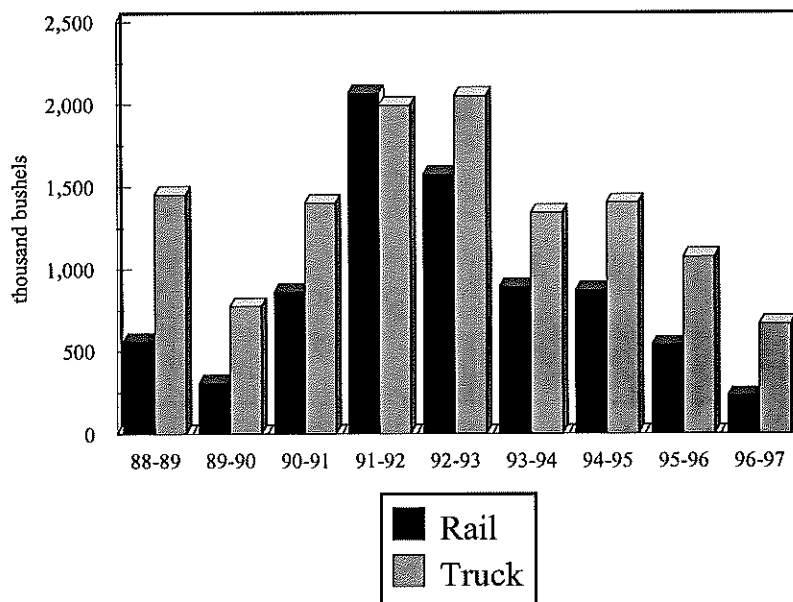
**FLAX TO NORTH DAKOTA**  
1988-89 to 1996-97



**FLAX TO MISCELLANEOUS MARKETS**  
1988-89 to 1996-97

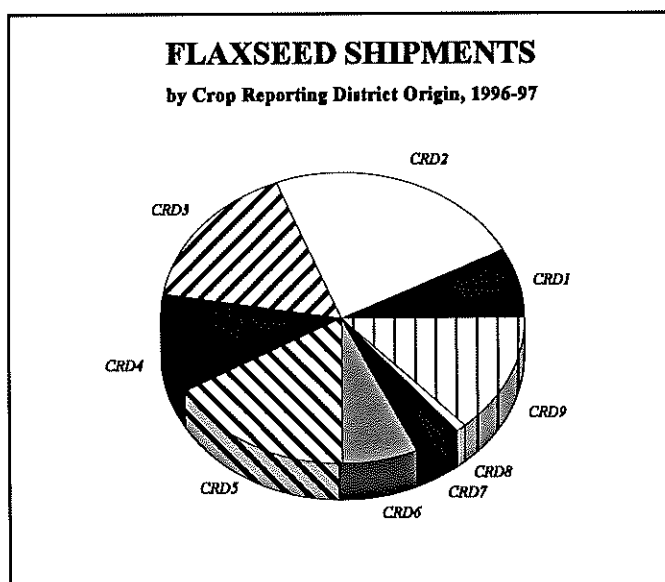


**FLAX SHIPMENTS**  
1988-89 to 1996-97



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

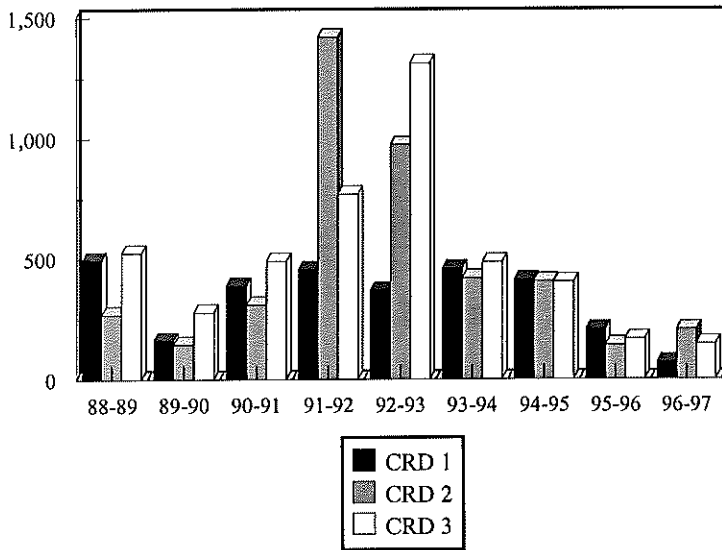
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1988-89	494 25%	268 13%	525 26%	169 8%	187 9%	112 6%	19 1%	67 3%	168 98%	2,009 100%
1989-90	161 15%	145 13%	276 26%	72 7%	146 13%	84 9%	9 1%	30 3%	154 14%	1,077 100%
1990-91	388 17%	308 14%	490 22%	102 5%	523 23%	241 11%	4 0%	16 1%	186 8%	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	459 21%	418 19%	486 22%	182 1%	326 15%	118 5%	5 0%	20 0%	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	206 14%	142 10%	166 11%	149 10%	268 18%	136 9%	84 6%	37 3%	261 18%	1,449 100%
1996-97	69 8%	206 23%	146 16%	95 11%	140 16%	64 7%	38 4%	13 1%	119 13%	890 100%



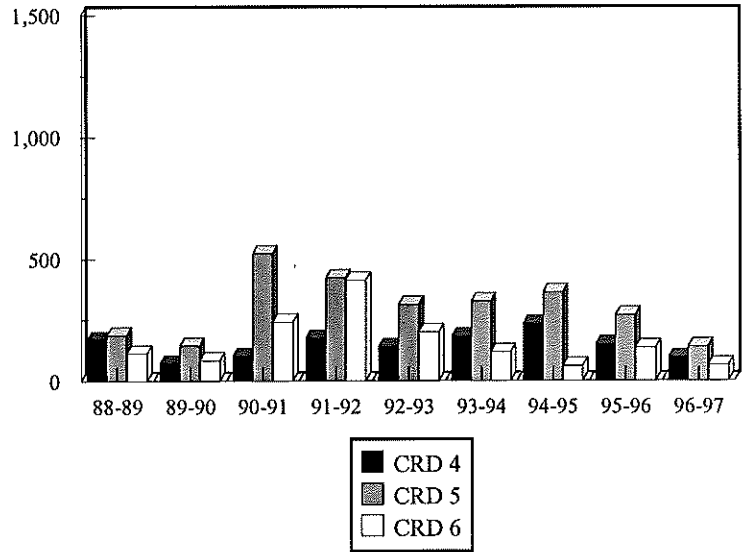


# FLAX SHIPMENTS BY CROP REPORTING DISTRICT

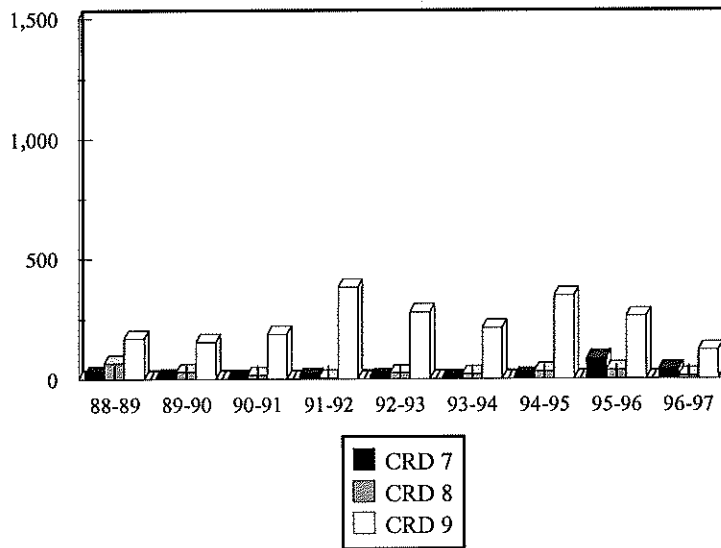
**Northern Crop Reporting Districts**  
(thousand bushels)



**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)







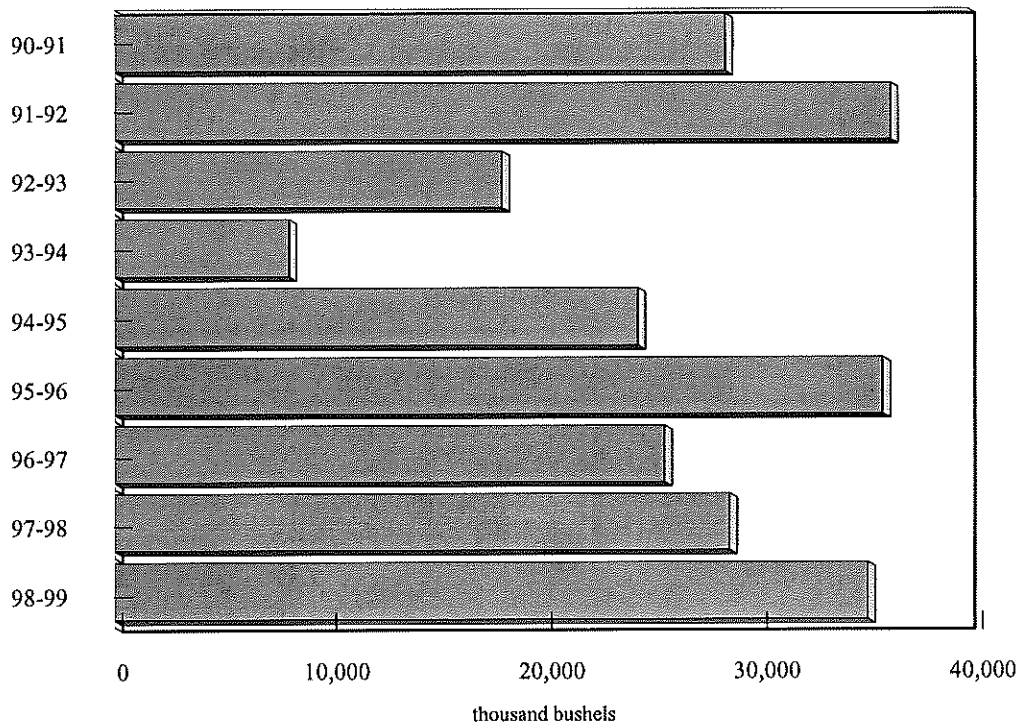
# **CORN SHIPMENTS**

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

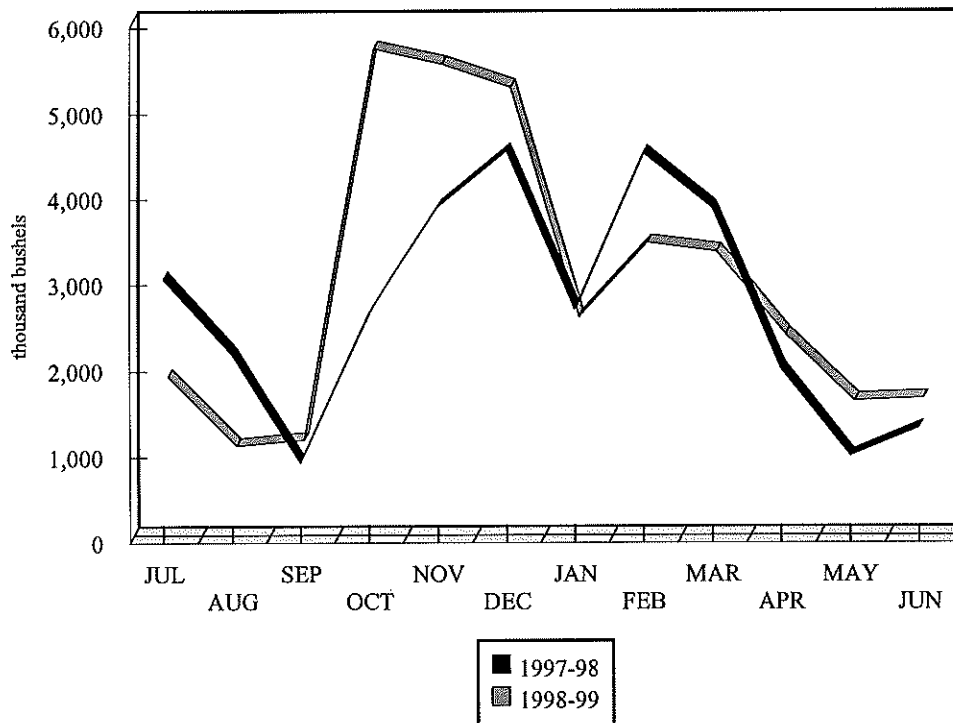
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1990-91	994	710	19,590	3,929	244	715	2,303	28,434
	3%	2%	69%	14%	1%	3%	8%	100%
1991-92	1,557	666	25,034	4,603	316	1,287	2,621	36,084
	4%	2%	69%	13%	1%	4%	7%	100%
1992-93	807	0	8,903	4,247	122	814	3,161	18,054
	5%	0%	52%	25%	1%	5%	18%	100%
1993-94	196	75	1,465	3,779	530	574	1,546	8,167
	3%	1%	19%	50%	7%	7%	20%	100%
1994-95	1,150	114	13,703	4,992	357	1,410	2,672	24,398
	5%	0%	60%	22%	2%	6%	12%	100%
1995-96	2,196	24	25,947	2,049	220	1,576	3,709	35,722
	6%	0%	73%	6%	1%	4%	10%	100%
1996-97	2,253	514	13,687	3,399	432	1,131	4,220	25,637
	9%	2%	56%	14%	2%	4%	17%	100%
1997-98	3,304	1,074	12,851	2,678	565	2,317	5,853	28,643
	12%	4%	45%	9%	2%	8%	20%	100%
1998-99*	1,565	6,720	9,080	8,758	430	1,871	6,605	35,029
	4%	19%	26%	25%	1%	5%	19%	100%

\*Results are preliminary.

## CORN SHIPMENTS 1990-91 to 1998-99



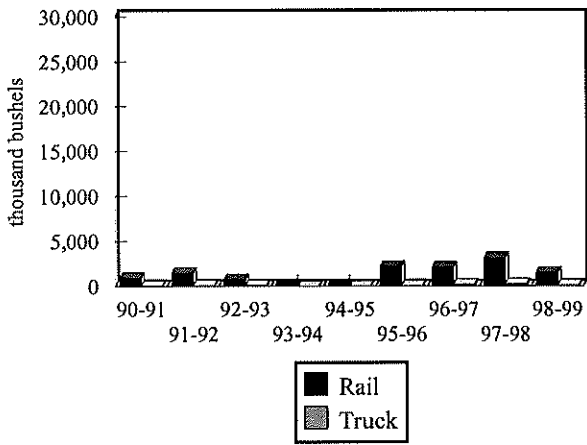
## CORN SHIPMENTS by Month, 1997-98 to 1998-99



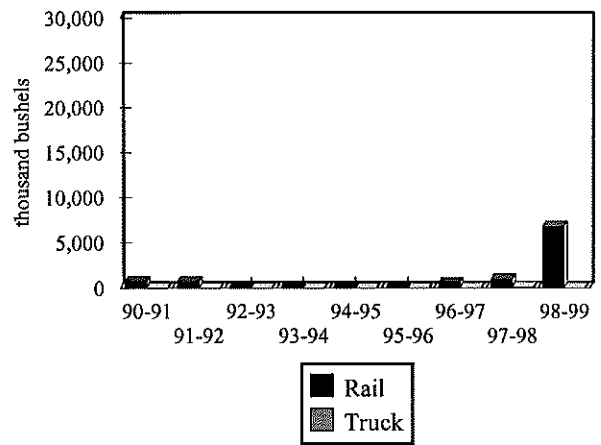
**NORTH DAKOTA CORN SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
thousand bu.**

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1990-91	915	29	708	2	19,555	35	1,925	2,004	40	204	589	125	1,359	944	25,091	3,344
	97%	3%	100%	0%	100%	0%	49%	51%	16%	84%	82%	18%	59%	41%	88%	12%
1991-92	1,475	82	652	14	24,642	392	1,487	3,116	257	59	1,129	158	1,860	762	31,501	4,583
	95%	5%	98%	2%	98%	2%	32%	68%	81%	19%	88%	12%	71%	29%	87%	13%
1992-93	705	102	0	0	8,807	96	715	3,532	19	103	544	270	1,413	1,748	12,203	5,851
	87%	13%	0%	0%	99%	1%	17%	83%	16%	84%	67%	23%	45%	55%	68%	22%
1993-94	161	35	69	6	1,451	14	125	3,654	0	530	165	409	498	1,048	2,472	5,695
	82%	18%	92%	8%	99%	1%	3%	97%	0%	100%	29%	71%	32%	68%	30%	70%
1994-95	111	3	97	17	13,699	4	526	4,466	78	279	1,040	370	884	1,788	17,471	6,927
	100%	0%	85%	15%	74%	26%	100%	0%	22%	78%	74%	26%	11%	89%	72%	28%
1995-96	2,167	29	0	24	25,232	715	542	1,507	95	125	1,298	278	2,173	1,536	31,558	4,214
	99%	1%	0%	100%	74%	26%	100%	0%	43%	57%	82%	18%	26%	74%	88%	12%
1996-97	2,052	201	508	6	13,674	13	1,224	2,175	18	414	711	420	2,311	1,909	20,498	5,139
	91%	9%	99%	1%	63%	37%	100%	0%	4%	96%	63%	37%	36%	64%	80%	20%
1997-98	3,081	223	942	132	12,642	209	734	1,944	9	556	1,800	517	3,468	2,385	22,676	5,967
	93%	7%	88%	12%	78%	22%	98%	2%	2%	98%	78%	22%	27%	73%	79%	21%
1998-99	1,493	72	6,709	11	9,053	27	3,154	5,605	135	295	1,593	278	3,471	3,134	25,608	9,421
	95%	5%	100%	0%	100%	0%	36%	64%	31%	69%	85%	15%	53%	47%	73%	27%

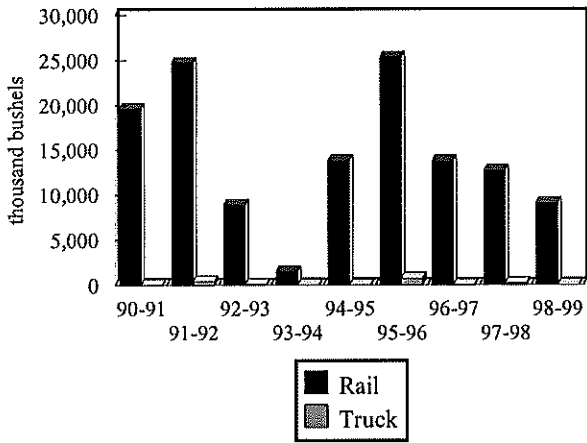
**Corn to Minneapolis-St. Paul  
1990-91 to 1998-99**



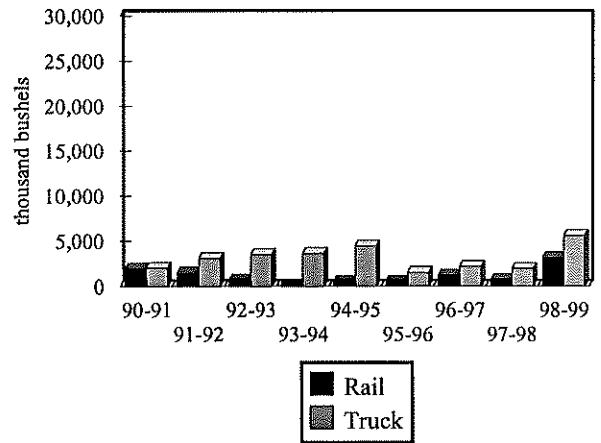
**Corn to Duluth-Superior  
1990-91 to 1998-99**



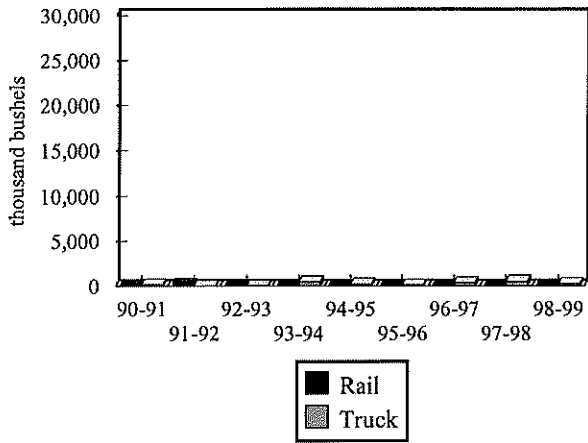
**Corn to PNW  
1990-91 to 1998-99**



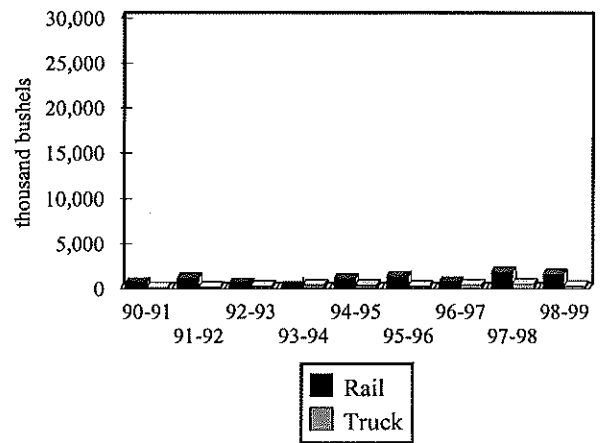
**Corn to North Dakota  
1990-91 to 1998-99**



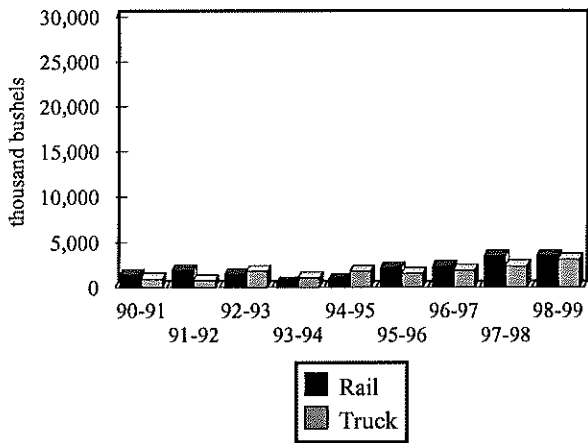
**Corn to Other Minn. & Wisconsin  
1990-91 to 1998-99**



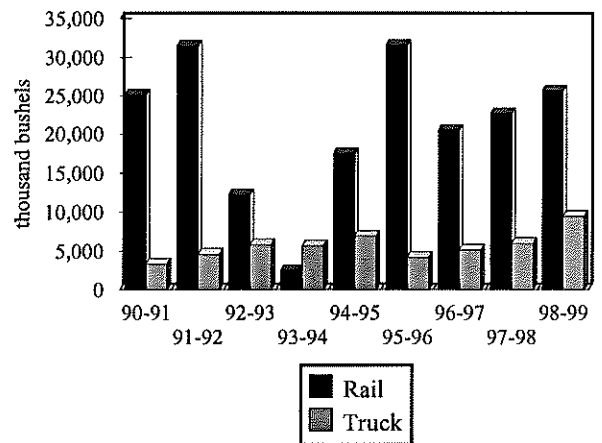
**Corn to Midland & Gulf  
1990-91 to 1998-99**



**Corn to Other Markets  
1990-91 to 1998-99**



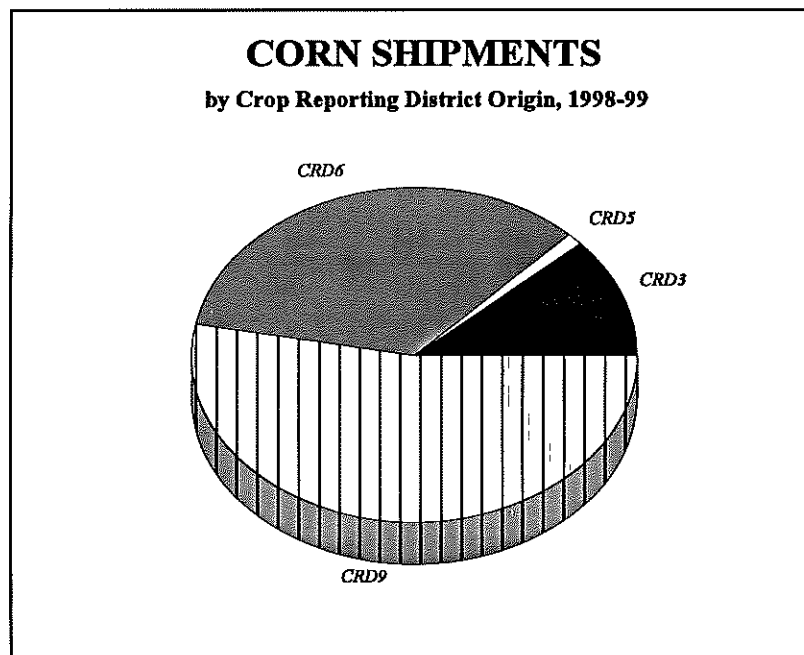
**Total Corn Shipments  
1990-91 to 1998-99**





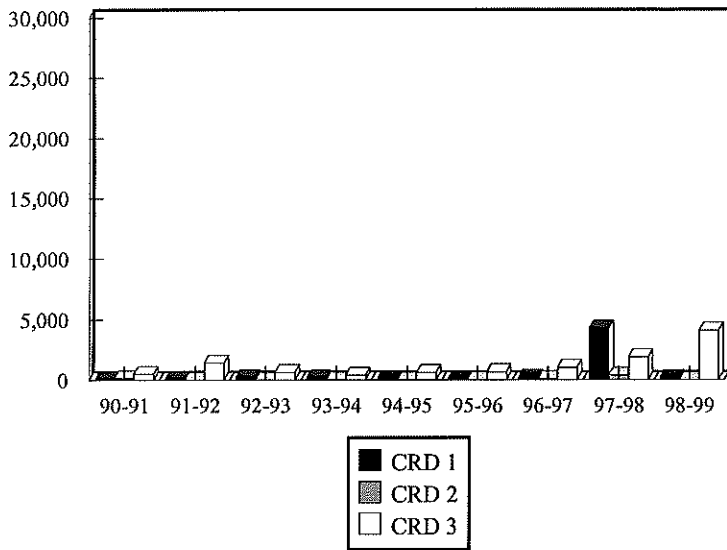
**NORTH DAKOTA CORN SHIPMENTS  
BY CROP REPORTING DISTRICT**  
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1990-91	0	144	479	142	78	6,812	0	871	19,908	28,434
	0%	1%	2%	0%	0%	24%	0%	3%	70%	100%
1991-92	30	18	1,391	20	593	9,660	1	17	24,350	36,084
	0%	0%	4%	0%	2%	27%	0%	0%	67%	100%
1992-93	208	6	623	11	27	4,599	1	7	12,567	18,053
	1%	0%	3%	0%	0%	25%	0%	0%	70%	100%
1993-94	173	10	389	12	20	1,738	0	149	5,676	8,167
	2%	0%	5%	0%	0%	21%	0%	2%	69%	100%
1994-95	108	7	621	12	115	6,636	0	26	16,873	24,398
	0%	0%	3%	0%	0%	27%	0%	0%	69%	100%
1995-96	74	45	662	9	130	7,621	2	71	23,928	32,542
	0%	0%	2%	0%	0%	23%	0%	0%	74%	100%
1996-97	192	100	1,032	30	218	7,770	0	0	15,845	25,187
	1%	0%	4%	0%	1%	31%	0%	0%	63%	100%
1997-98	4,259	387	1,904	7	72	7,553	5	0	18,655	32,842
	13%	1%	6%	0%	0%	23%	0%	0%	57%	100%
1998-99	161	15	4,112	2	363	11,858	2	NA	18,517	35,029
	0%	0%	12%	0%	1%	34%	0%	NA	53%	100%

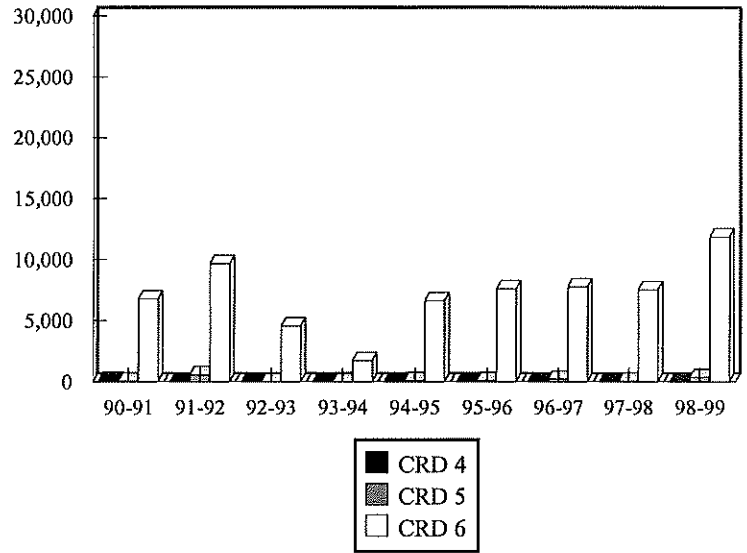


# CORN SHIPMENTS BY CROP REPORTING DISTRICT

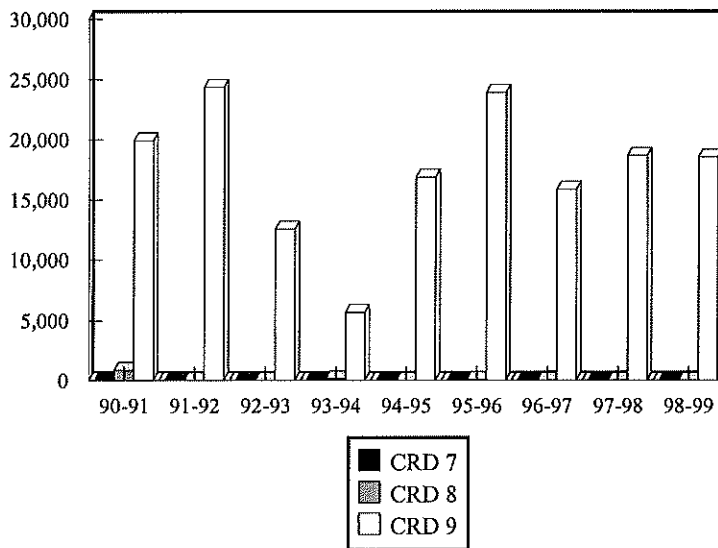
**Northern Crop Reporting Districts**  
(thousand bushels)

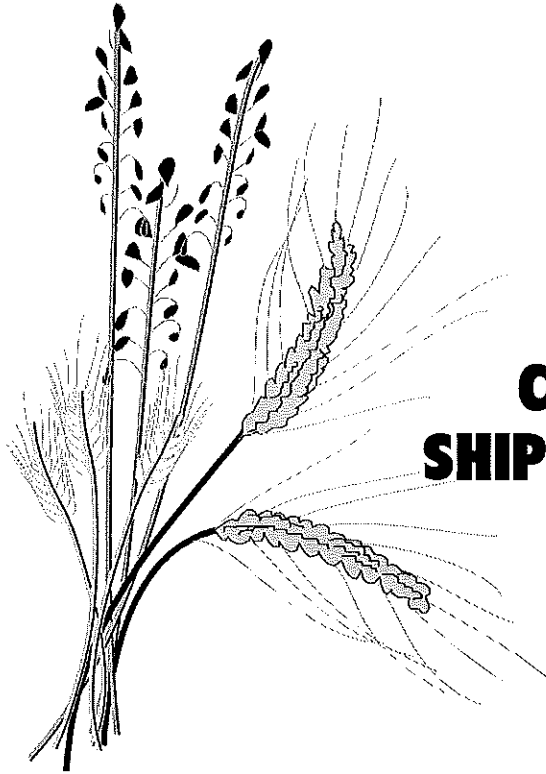


**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)





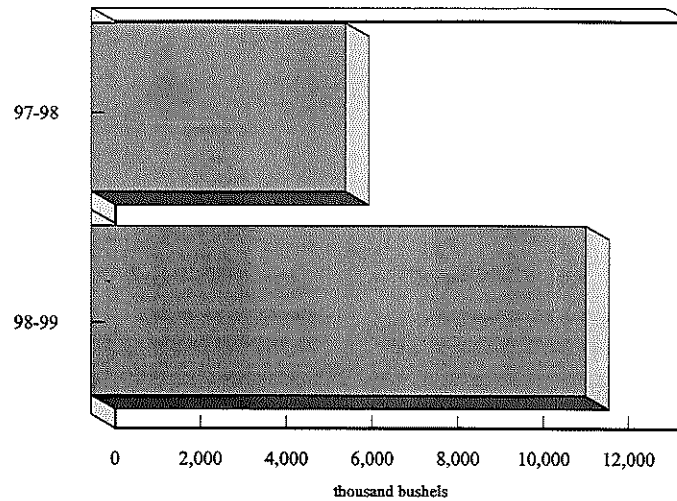
# **CANOLA SHIPMENTS**

**NORTH DAKOTA CANOLA SHIPMENTS  
BY DESTINATION  
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1997-98	78	261	2	4,298	18	9	1,269	5,935
	1%	4%	0%	72%	0%	0%	21%	100%
1998-99*	226	1,685	0	7,035	54	1	2,546	11,548
	2%	15%	0%	61%	0%	0%	22%	100%

\*Results are preliminary.

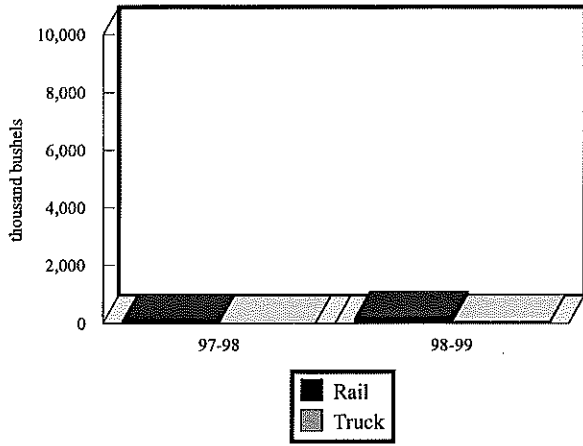
**CANOLA SHIPMENTS  
1997-98 to 1998-99**



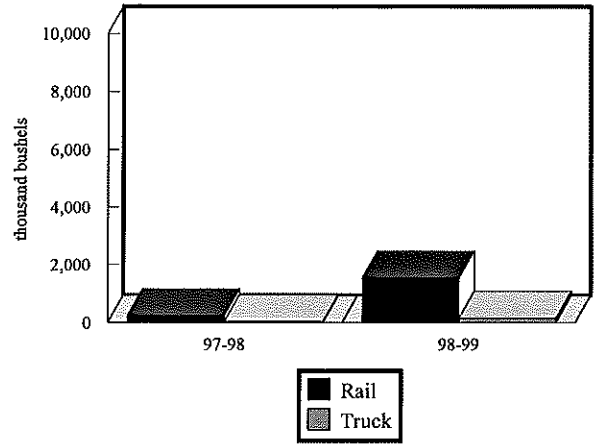
**NORTH DAKOTA CANOLA SHIPMENTS  
BY RAIL, TRUCK AND DESTINATION  
thousand bu.**

YEAR	Minneapolis-St. Paul		Duluth-Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
1997-98	61	17	226	35	0	2	55	4,243	10	8	0	9	183	1,087	535	5,400
	78%	22%	87%	13%	0%	100%	1%	99%	57%	43%	0%	100%	14%	86%	9%	91%
1998-99	170	57	1,532	153	0	0	545	6,490	54	0	0	1	481	2,065	2,782	8,766
	75%	25%	91%	9%	0%	0%	8%	92%	100%	0%	8%	92%	19%	81%	24%	76%

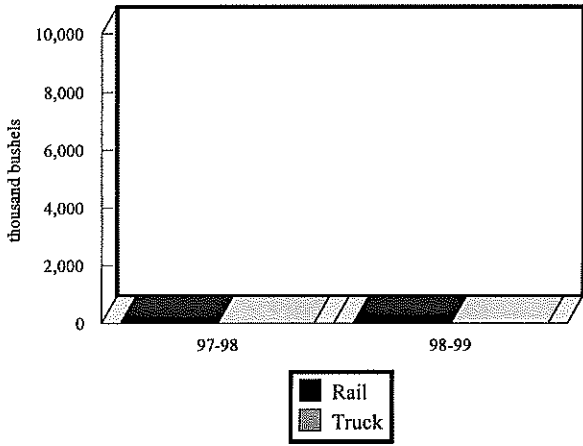
**Canola to Minneapolis-St. Paul  
1997-98 to 1998-99**



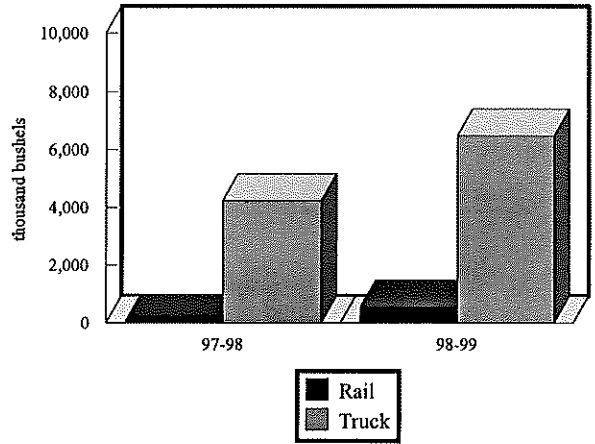
**Canola to Duluth-Superior  
1997-98 to 1998-99**



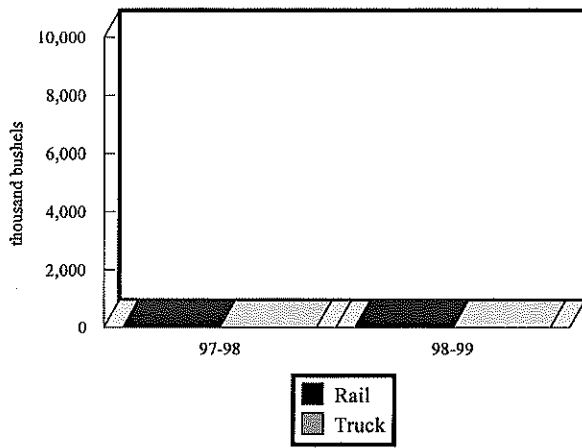
**Canola to PNW  
1997-98 to 1998-99**



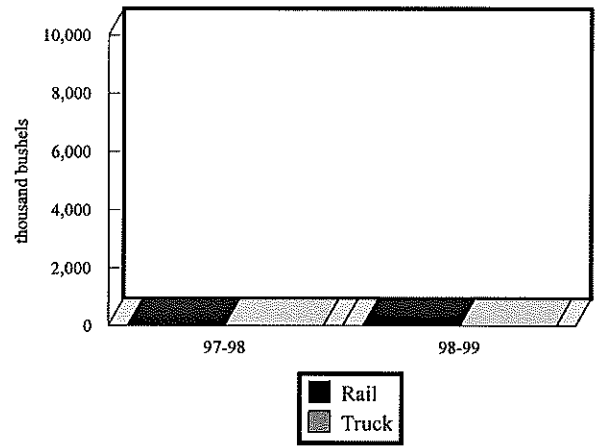
**Canola to North Dakota  
1997-98 to 1998-99**



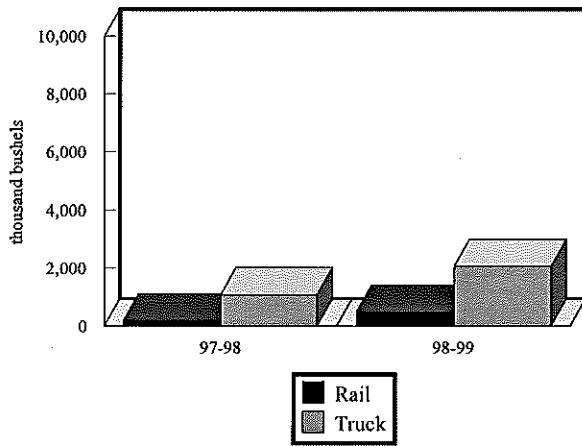
**Canola to Other Minn. & Wisconsin  
1997-98 to 1998-99**



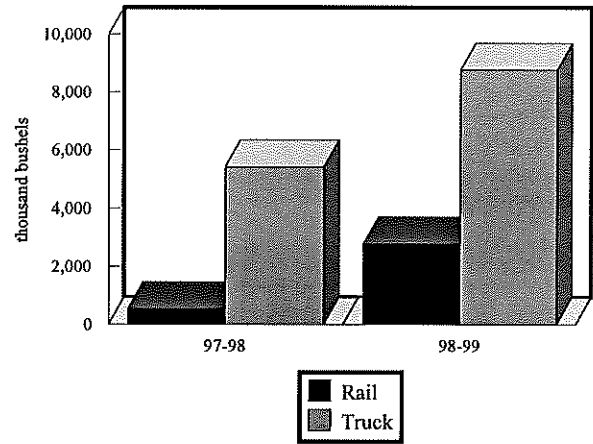
**Canola to Midland & Gulf  
1997-98 to 1998-99**



**Canola to Other Markets  
1997-98 to 1998-99**

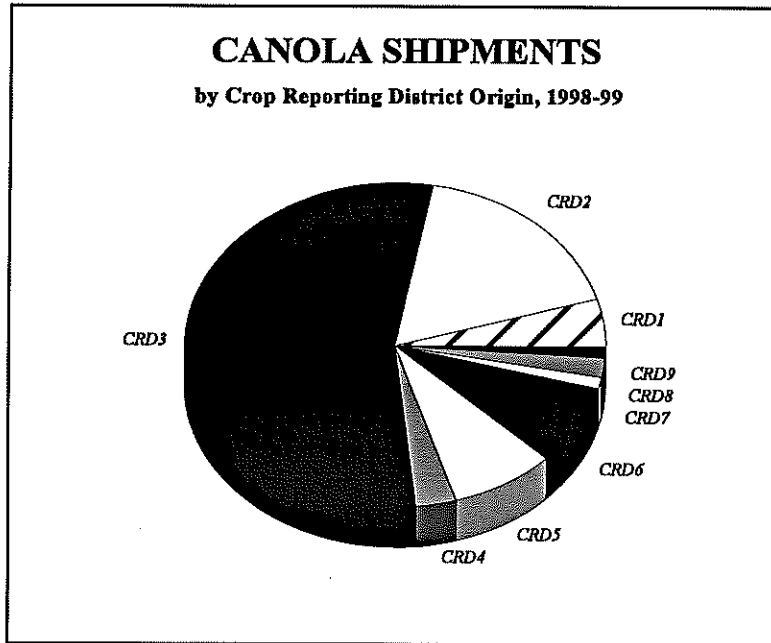


**Total Canola Shipments  
1997-98 to 1998-99**



**NORTH DAKOTA CANOLA SHIPMENTS  
BY CROP REPORTING DISTRICT**  
thousand bu.

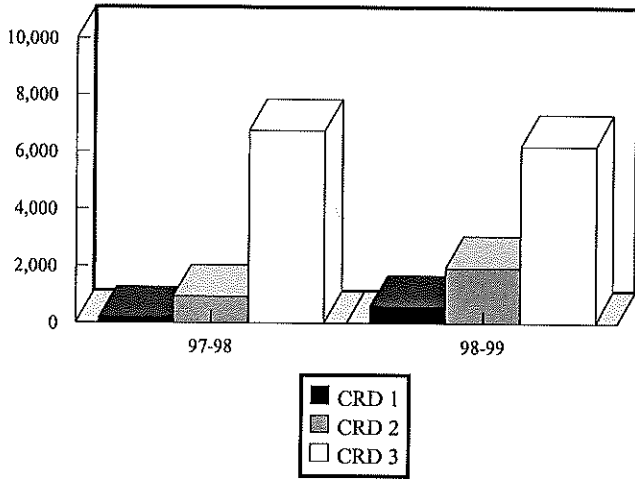
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1997-98	156	932	6,733	143	527	50	22	1	76	8,641
	2%	11%	78%	2%	6%	1%	0%	0%	1%	100%
1998-99	583	1,948	6,194	393	966	977	80	235	173	11,548
	5%	17%	54%	3%	8%	8%	1%	2%	1%	100%



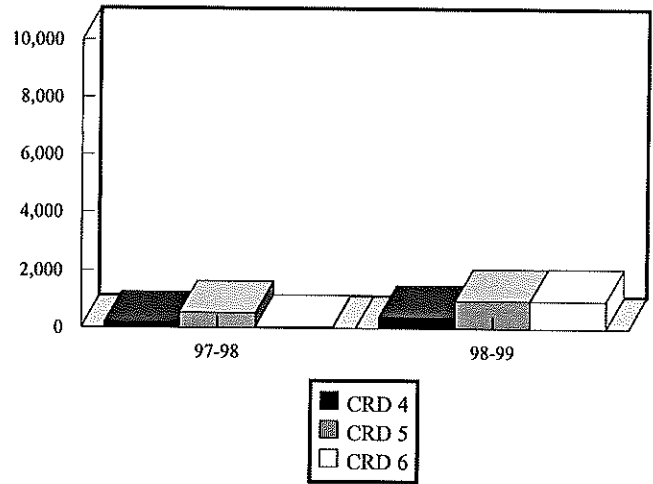


# CANOLA SHIPMENTS BY CROP REPORTING DISTRICT

**Northern Crop Reporting Districts**  
(thousand bushels)



**Central Crop Reporting Districts**  
(thousand bushels)



**Southern Crop Reporting Districts**  
(thousand bushels)

