

NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS 2002-03



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in cooperation with

North Dakota Wheat Commission
Bismarck, ND

North Dakota Public Service Commission
Bismarck, ND

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

Preface

The 2002-03 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Kimberly Vachal and Tamara VanWechel, Upper Great Plains Transportation Institute. The authors gratefully acknowledge the desktop publishing assistance of Beverly 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 2002-03

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 2002 to June 2003, and previous years.
- **Commodity:** Hard red spring wheat, durum, barley, sunflower, oats, soybeans, corn, and canola.

Source of Data

The data used to analyze North Dakota grain distribution patterns for the period July 2002 through June 2003 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.

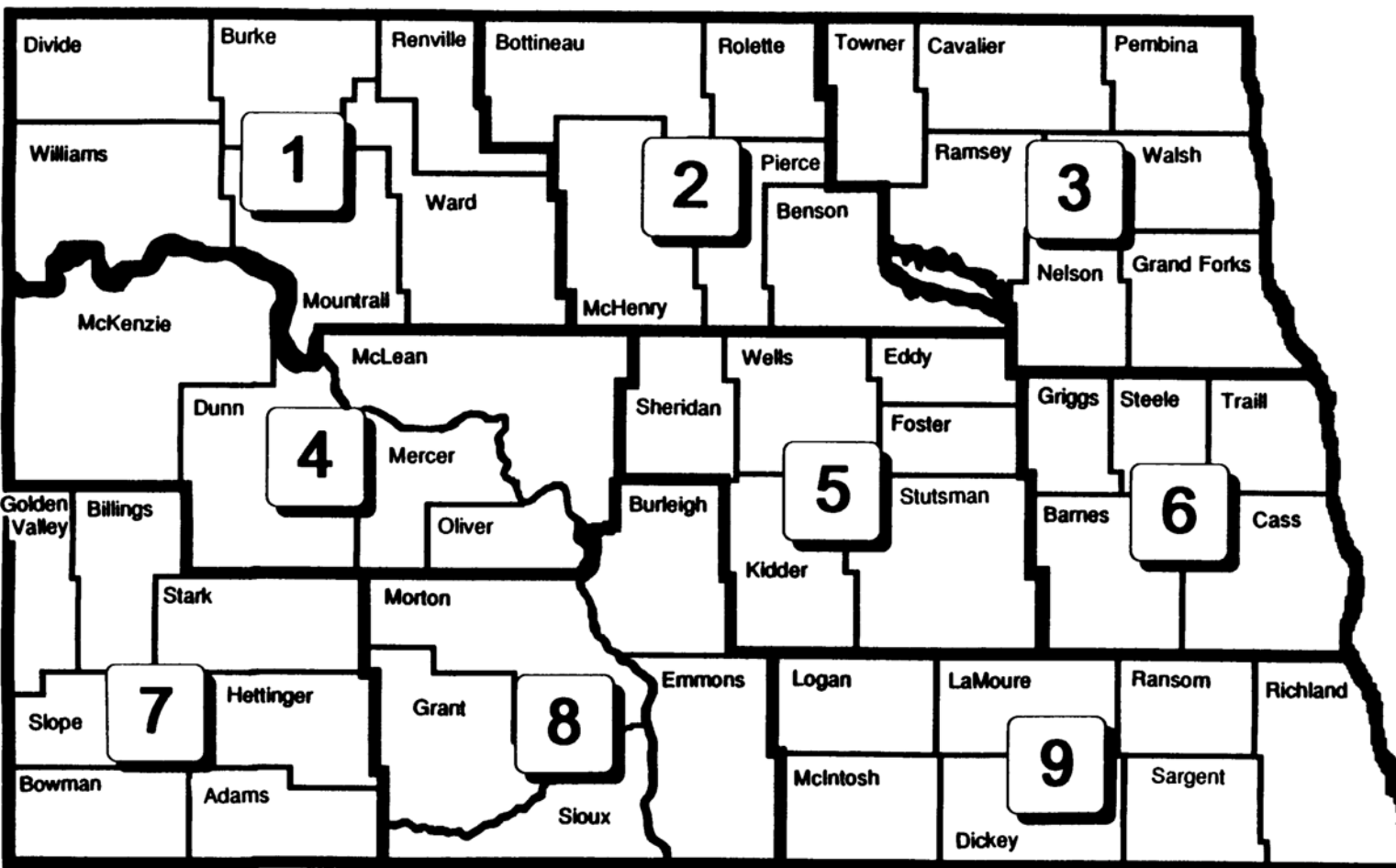
Organization of the Remainder of the Report

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.

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

2002-03 totals are preliminary, representing 99 percent of the required reports.

North Dakota Crop Reporting Districts and Counties



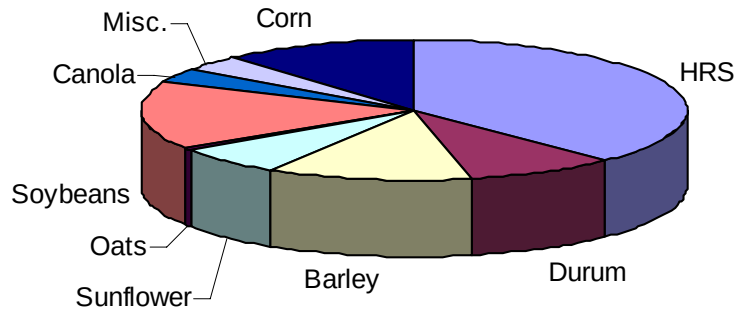


TOTAL GRAIN & OILSEED

NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
1994-95 to 2002-03
thousand bu.

YEAR	HRS	Durum	Barley	Sunflower	Oats	Soybeans	Canola	Misc.	Corn	TOTAL
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	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	167,713 36%	55,372 12%	90,892 20%	52,320 11%	2,273 1%	29,526 6%	11,941 3%	20,018 4%	35,886 8%	465,941 100%
1999-00	177,450 38%	64,056 14%	74,142 16%	42,052 9%	5,034 1%	42,668 9%	14,026 3%	15,830 3%	38,525 8%	473,782 100%
2000-01	200,068 37%	77,025 14%	84,531 16%	38,194 7%	4,031 1%	49,617 9%	20,468 3%	17,958 4%	51,130 9%	543,021 100%
2001-02	197,644 39%	61,242 12%	68,655 13%	32,042 6%	6,314 1%	61,228 12%	18,527 4%	18,202 4%	46,827 9%	510,681 100%
2002-03	180,732 38%	43,148 9%	58,672 12%	30,503 6%	3,307 1%	74,348 16%	16,122 3%	17,373 4%	55,646 12%	479,852 100%

ALL SHIPMENTS
by commodity, 2002-03



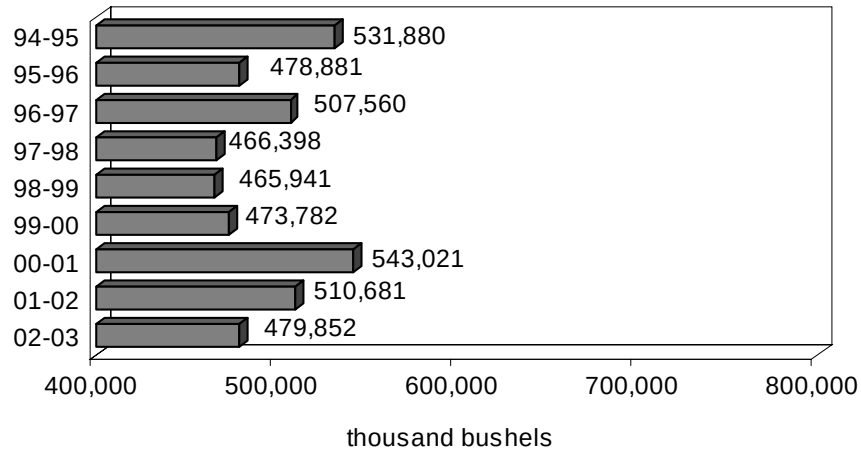
**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY DESTINATION
1994-95 to 2002-03
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1994-95	135,193 28%	62,920 13%	82,823 17%	77,563 16%	39,598 8%	52,804 10%	82,332 17%	533,233 100%
1995-96	143,389 25%	46,572 8%	104,130 18%	76,640 14%	34,375 6%	62,905 11%	97,131 17%	565,142 100%
1996-97	131,382 29%	62,308 14%	66,838 14%	77,047 17%	27,170 6%	56,208 11%	96,222 21%	517,176 100%
1997-98	114,720 25%	65,502 14%	62,415 13%	85,980 19%	25,754 6%	42,837 9%	65,739 14%	462,946 100%
1998-99	131,104 28%	58,764 13%	42,215 9%	96,959 21%	26,790 6%	35,350 8%	74,785 16%	465,941 100%
1999-00	120,779 25%	68,330 14%	47,327 10%	89,052 19%	24,628 5%	39,695 8%	83,975 18%	473,782 100%
2000-01	130,574 24%	57,280 11%	70,930 13%	93,763 17%	31,870 6%	60,258 11%	98,341 18%	543,021 100%
2001-02	117,409 23%	54,036 11%	80,732 16%	86,026 17%	33,349 7%	41,638 8%	97,505 19%	510,681 100%
2002-03*	106,052 22%	51,144 11%	62,298 13%	87,035 18%	40,271 8%	41,003 9%	92,039 19%	479,852 100%

*Results are preliminary.

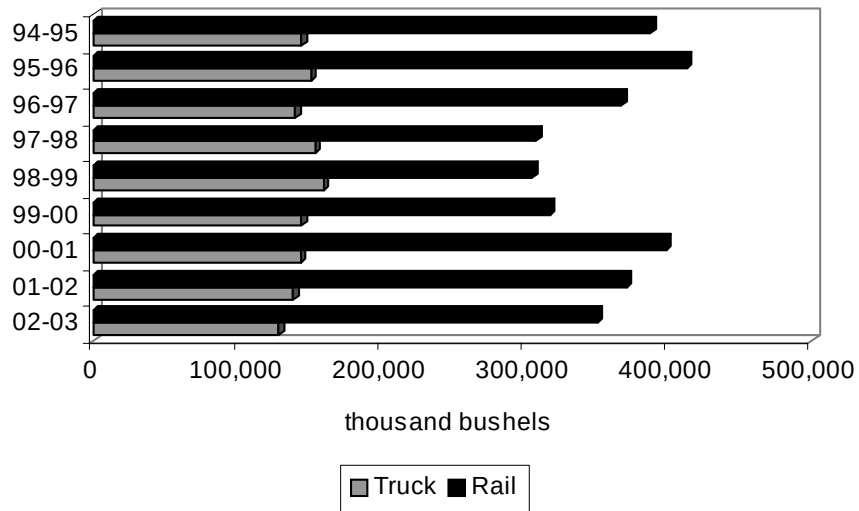
ALL COMMODITY SHIPMENTS

1994-95 TO 2002-03



ALL COMMODITY SHIPMENTS

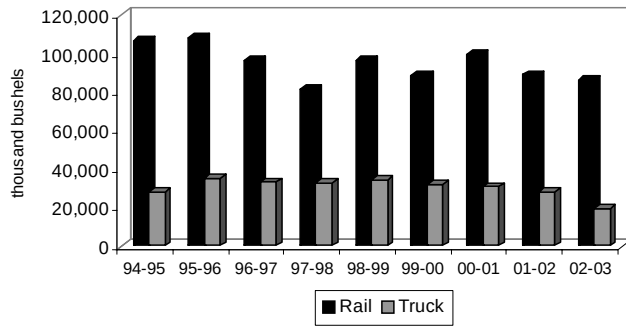
1994-95 TO 2002-03



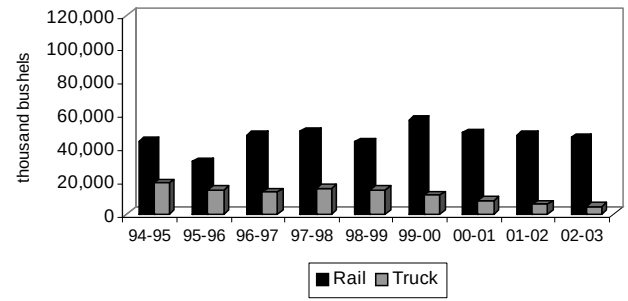
**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	96,544	34,560	43,691	15,072	40,421	1,794	19,605	77,353	15,444	11,345	30,849	4,502	58,996	15,790	305,548	160,393
	74%	26%	74%	26%	96%	4%	20%	80%	58%	42%	87%	13%	79%	21%	66%	34%
1999-00	88,522	32,257	56,703	11,626	45,692	1,635	19,002	70,050	14,795	9,832	36,440	3,255	65,212	18,763	326,368	147,414
	73%	27%	83%	17%	97%	3%	21%	79%	60%	40%	92%	8%	78%	22%	69%	31%
2000-01	99,799	30,796	48,947	8,332	69,382	1,547	21,243	72,520	21,332	10,538	56,196	4,062	81,804	16,537	398,681	144,340
	76%	24%	85%	15%	98%	2%	23%	77%	67%	33%	93%	7%	83%	17%	73%	27%
2001-02	89,147	28,262	48	6,128	79,219	1,513	20,034	65,992	20,922	12,427	38,287	3,351	76,005	21,501	371,521	139,160
	76%	24%	89%	11%	98%	2%	23%	77%	63%	37%	92%	8%	78%	22%	73%	27%
2002-03	86,640	19,412	46,273	4,870	60,619	1,679	24,429	62,606	25,998	14,272	37,523	3,480	69,363	22,677	350,846	129,006
	82%	18%	90%	10%	97%	3%	28%	72%	65%	35%	92%	8%	75%	25%	73%	27%

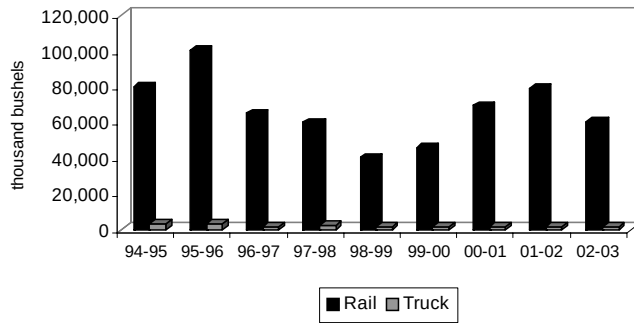
All Shipments to Minneapolis-St. Paul
1994-95 to 2002-03



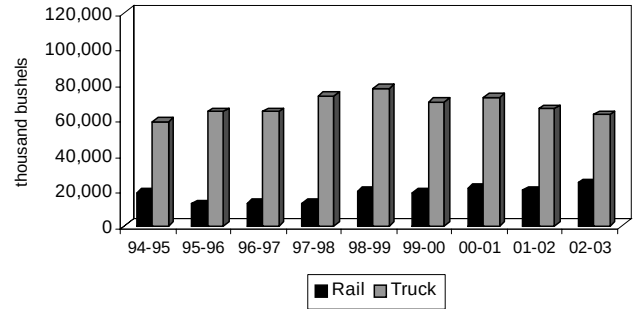
All Shipments to Duluth-Superior
1994-95 to 2002-03



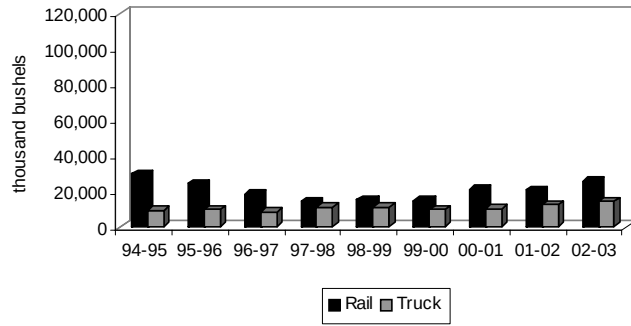
All Shipments to PNW
1994-95 to 2002-03



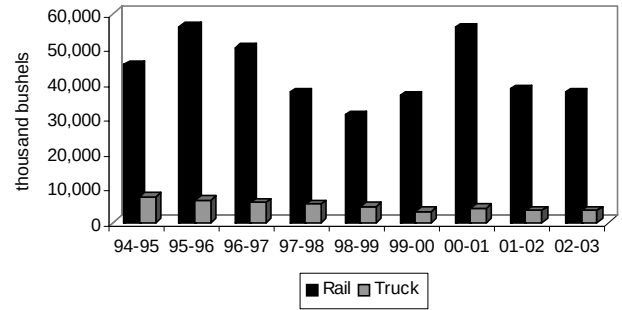
All Shipments to North Dakota
1994-95 to 2002-03



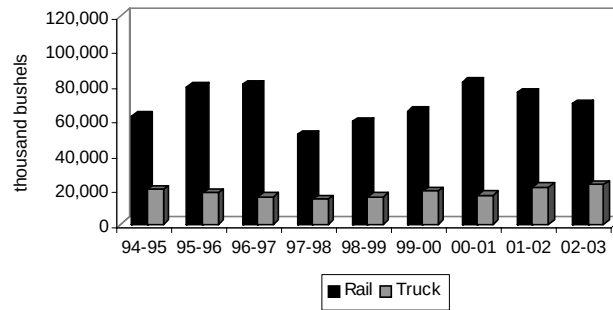
All Shipments to Other Minnesota & Wisconsin
1994-95 to 2002-03



All Shipments to Midland & Gulf
1994-95 to 2002-03



All Shipments to Other Markets
1994-95 to 2002-03



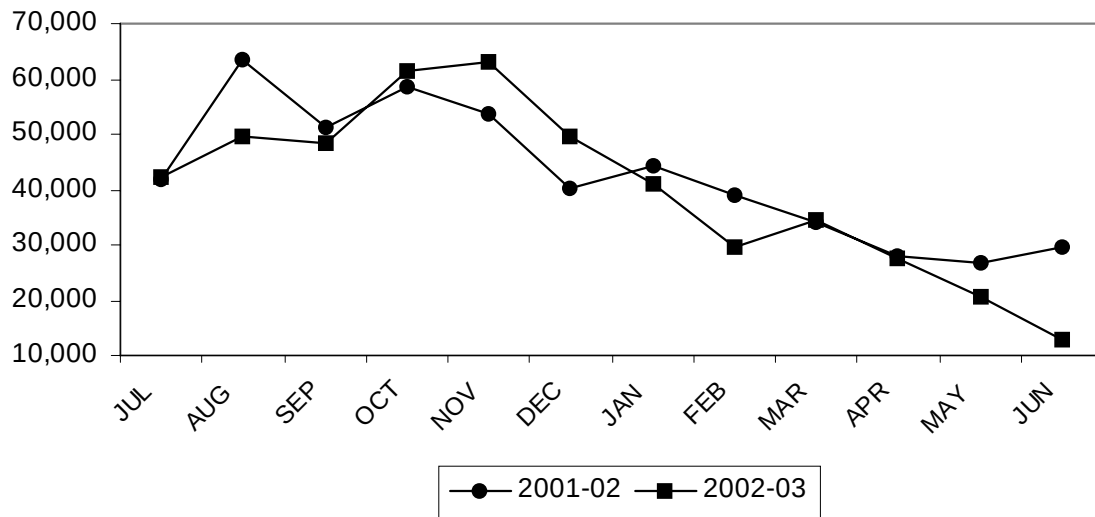
NORTH DAKOTA GRAIN AND OILSEED MOVEMENTS
BY MONTH
July 2002- June 2003
thousand bu.

MONTH	HRS	Durum	Soybeans	Canola	Barley	Oats	Corn	SF (cwt)	Misc.	TOTAL
July	22,451	4,244	4,574	689	4,641	373	2,635	1,567	946	72,119
August	29,204	4,947	1,147	2,263	6,287	285	2,552	1,788	1,262	49,735
September	25,695	4,387	1,701	3,951	5,716	211	1,735	929	4,132	48,457
October	16,535	4,347	20,212	2,353	6,169	596	3,529	3,849	3,953	61,543
November	18,974	4,656	11,970	1,281	5,356	504	11,100	7,076	1,946	62,862
December	15,831	3,960	7,922	1,358	7,613	322	7,589	3,648	1,159	49,402
January	11,313	3,304	7,734	1,186	7,555	493	4,888	3,482	898	40,853
February	8,239	2,587	6,313	1,069	4,315	266	3,715	2,225	714	29,443
March	11,215	3,102	6,891	716	4,004	110	5,350	2,332	714	34,434
April	9,072	3,259	2,714	572	3,759	111	5,898	1,581	732	27,698
May	7,495	2,237	2,056	352	2,158	28	4,504	1,089	574	20,493
June	4,709	2,117	1,115	332	1,099	8	2,152	937	342	12,811
TOTAL	180,732	43,148	74,348	16,122	58,672	3,307	55,646	30,503	17,373	479,852

ALL COMMODITY SHIPMENTS

by month, 2001-02 and 2002-03

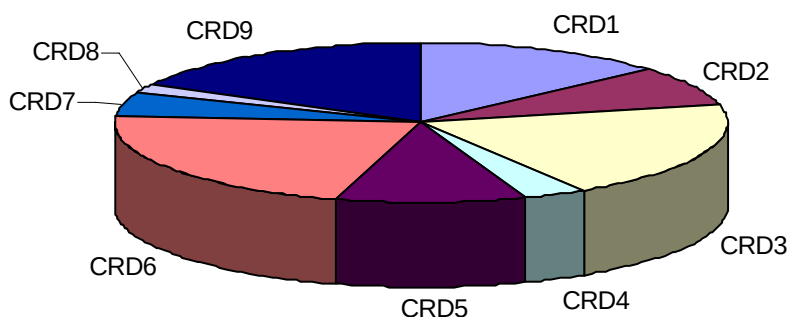
(thousand bushels)



**NORTH DAKOTA GRAIN AND OILSEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN
1994-95 to 2002-03
thousand bu.**

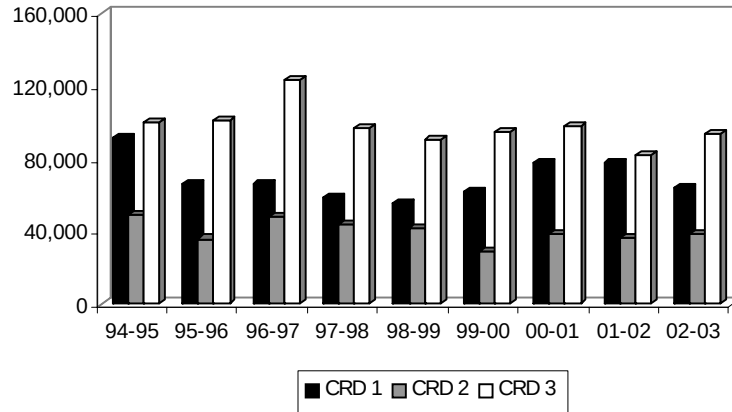
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
1994-95	91,367	49,478	100,348	19,720	48,491	98,499	27,633	12,594	84,602	533,233
	17%	9%	19%	3%	9%	18%	5%	2%	16%	100%
1995-96	65,800	35,946	100,984	15,556	44,277	91,036	27,679	14,019	84,994	480,291
	14%	7%	21%	3%	9%	19%	6%	3%	18%	100%
1996-97	66,373	48,027	123,753	18,384	45,560	97,604	24,972	10,412	74,002	509,087
	13%	9%	24%	4%	9%	19%	5%	2%	15%	100%
1997-98	54,130	44,293	93,827	17,345	44,958	85,310	27,709	10,693	79,382	457,646
	12%	10%	21%	3%	10%	19%	6%	2%	17%	100%
1998-99	55,414	41,443	90,582	18,729	44,888	98,696	29,494	13,108	73,586	464,941
	12%	9%	20%	4%	9%	21%	6%	3%	16%	100%
1999-00	62,431	29,332	94,536	16,651	49,766	97,160	27,361	13,836	82,709	473,782
	13%	6%	20%	4%	11%	21%	6%	3%	17%	100%
2000-01	77,929	38,650	97,863	21,862	53,679	102,971	37,524	17,997	94,546	543,021
	14%	7%	18%	4%	10%	19%	7%	3%	17%	100%
2001-02	77,429	36,796	82,051	18,929	51,124	97,291	36,885	16,224	93,952	510,681
	15%	7%	16%	4%	10%	19%	7%	3%	18%	100%
2002-03	64,500	38,533	93,745	16,396	47,628	104,208	24,153	10,104	80,587	479,852
	13%	8%	20%	3%	10%	22%	5%	2%	17%	100%

**N.D. GRAIN & OILSEED SHIPMENTS
by crop reporting district origin, 2002-03**

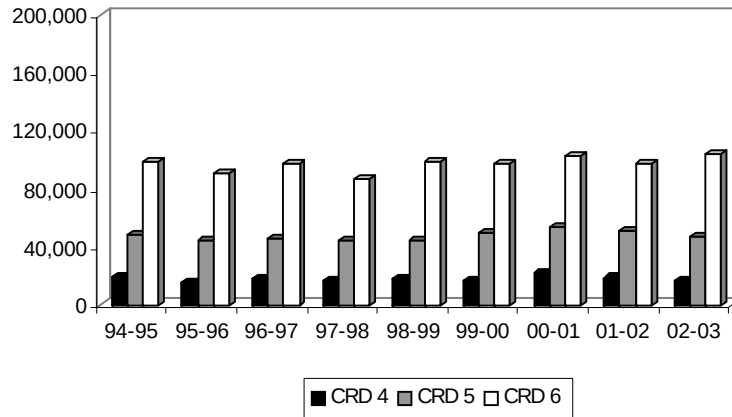


**ALL GRAIN AND OILSEED SHIPMENTS BY
CROP REPORTING DISTRICT
(thousand bushels)**

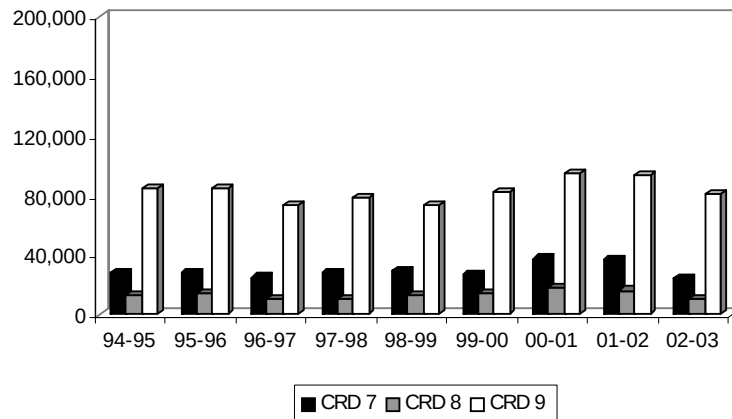
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





HARD RED SPRING WHEAT

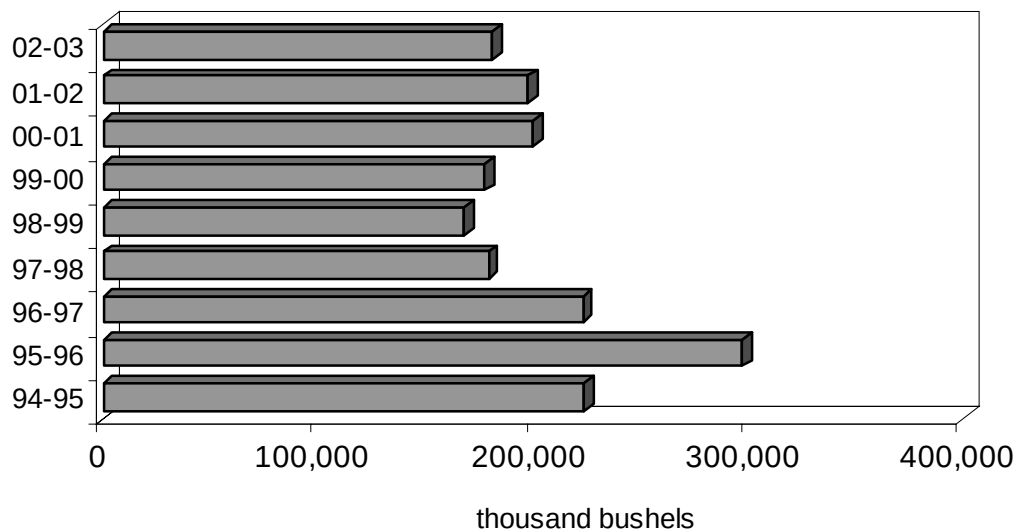
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
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	57,498	24,326	23,672	10,514	7,423	13,389	30,890	167,713
	34%	15%	14%	6%	4%	8%	18%	100%
1999-00	52,041	29,068	23,644	11,383	6,139	15,809	39,367	177,450
	29%	16%	13%	6%	3%	9%	22%	100%
2000-01	64,860	24,403	29,848	10,522	7,005	24,447	38,983	200,068
	32%	12%	15%	5%	4%	12%	19%	100%
2001-02	59,885	19,413	46,505	13,858	8,209	19,692	30,083	197,644
	30%	10%	24%	7%	4%	10%	15%	100%
2002-03*	59,261	25,272	28,199	12,939	8,503	21,296	25,262	180,732
	33%	14%	16%	7%	5%	12%	14%	100%

*Results are preliminary.

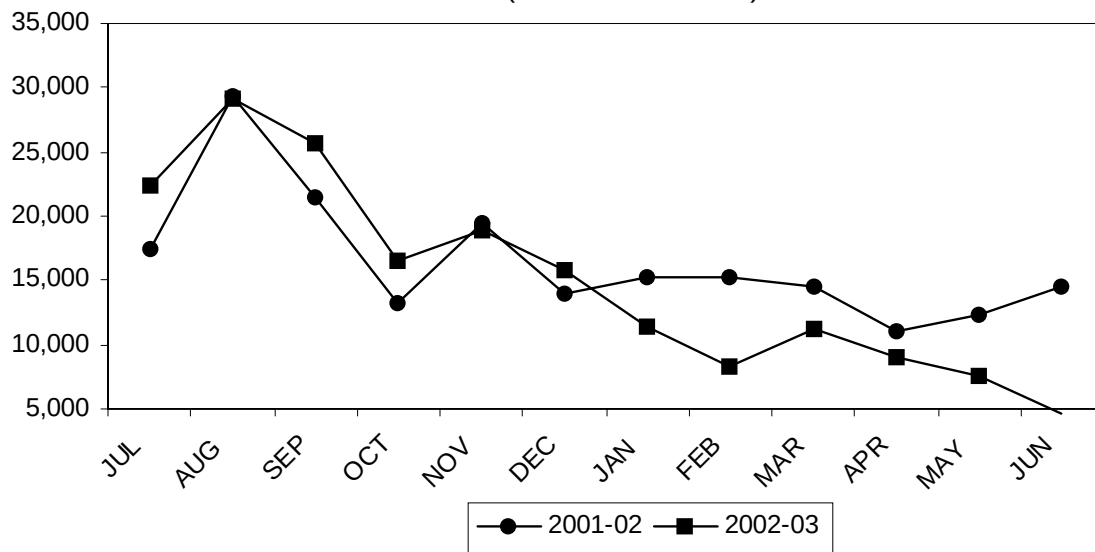
HRS WHEAT SHIPMENTS

1994-95 to 2002-03



HRS WHEAT SHIPMENTS

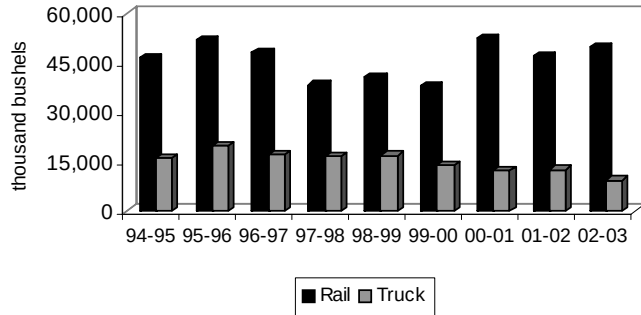
by month, 2001-02 to 2002-03 (thousand bushels)



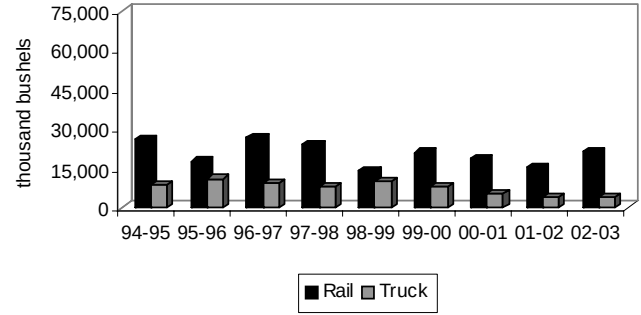
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	40,586	16,911	14,156	10,170	22,653	1,020	1,218	9,296	5,039	2,384	12,603	786	29,564	1,326	125,819	41,894
	71%	29%	58%	42%	96%	4%	11%	89%	66%	34%	94%	6%	96%	4%	75%	25%
1999-00	37,966	14,075	21,197	7,871	22,782	862	2,517	8,866	4,365	1,774	15,465	345	37,039	2,329	141,329	36,121
	73%	27%	73%	27%	96%	4%	22%	78%	71%	29%	98%	2%	94%	6%	80%	20%
2000-01	52,472	12,388	18,929	5,474	29,210	638	1,710	8,812	4,926	2,079	23,928	518	37,703	1,281	168,878	31,190
	81%	19%	78%	22%	98%	2%	16%	84%	70%	30%	98%	2%	97%	3%	84%	16%
2001-02	47,284	12,601	15,561	3,852	45,728	777	1,878	11,980	4,807	3,402	19,018	674	28,599	1,483	162,875	34,769
	79%	21%	80%	20%	98%	2%	14%	86%	59%	41%	97%	3%	95%	5%	82%	18%
2002-03	49,782	9,480	21,433	3,839	27,509	690	3,196	9,743	4,952	3,551	20,737	559	24,103	1,159	151,711	29,021
	84%	16%	85%	15%	98%	2%	25%	75%	58%	42%	97%	3%	95%	5%	84%	16%

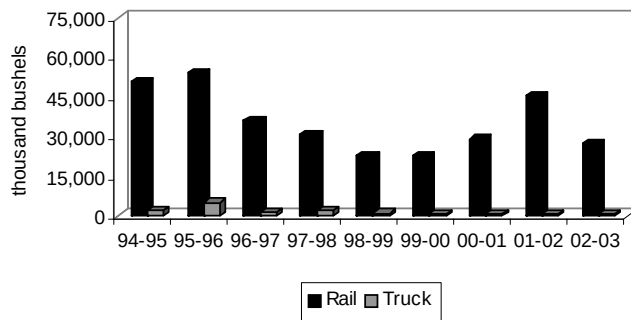
HRS Wheat to Minneapolis-St. Paul
1994-95 to 2002-03



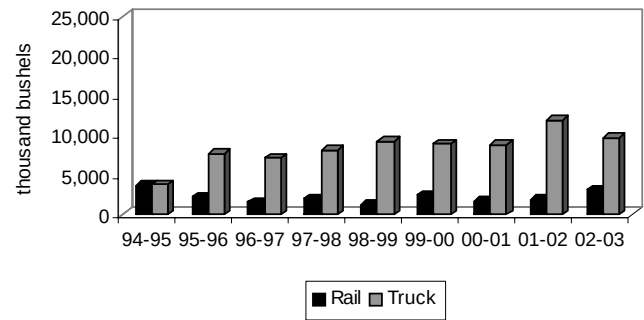
HRS Wheat to Duluth-Superior
1994-95 to 2002-03



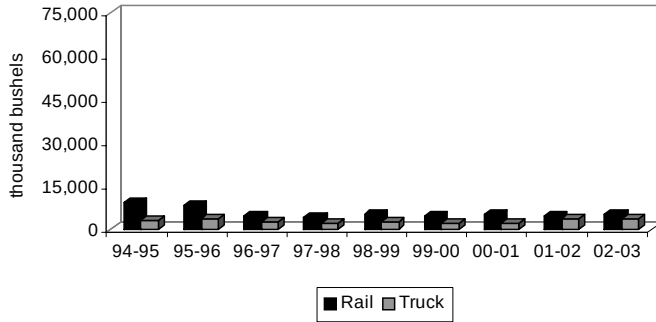
HRS Wheat to PNW
1994-95 to 2002-03



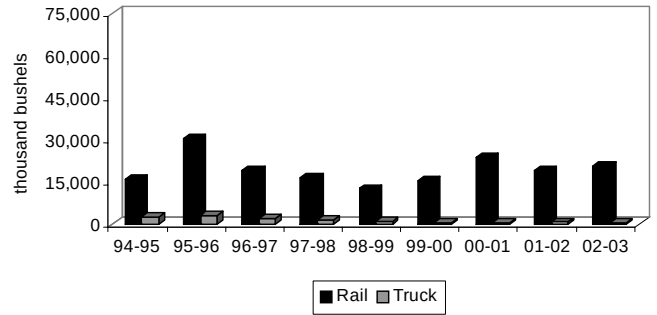
HRS Wheat to North Dakota
1994-95 to 2002-03



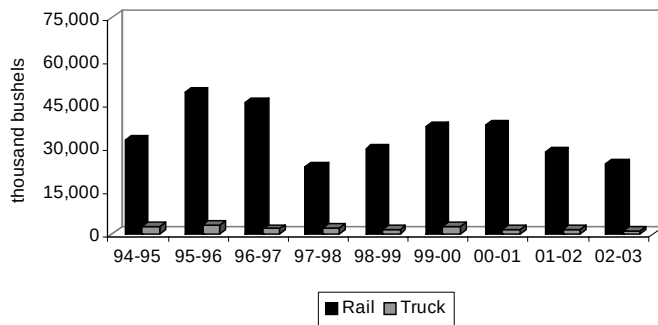
HRS Wheat to Other Minnesota & Wisconsin
1994-95 to 2002-03



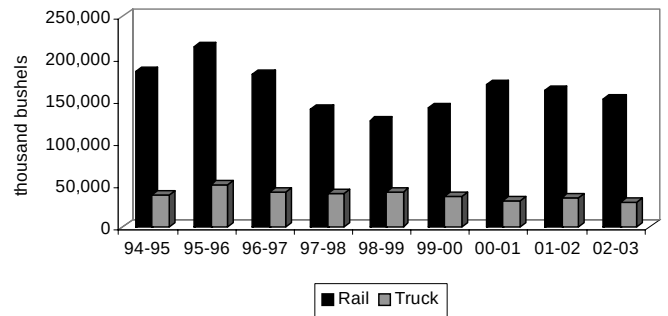
HRS Wheat to Midland & Gulf
1994-95 to 2002-03



HRS Wheat to Other Markets
1994-95 to 2002-03

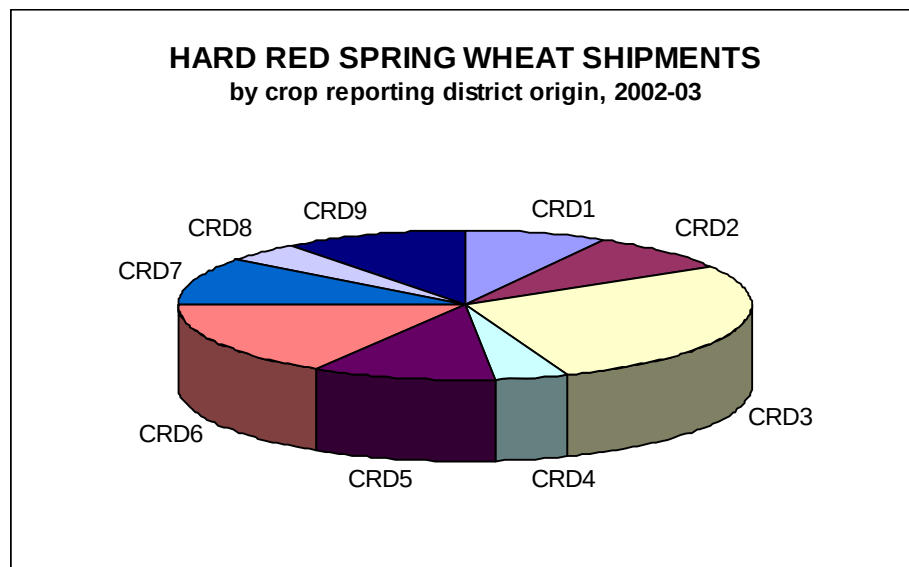


Total HRS Wheat Shipments
1994-95 to 2002-03



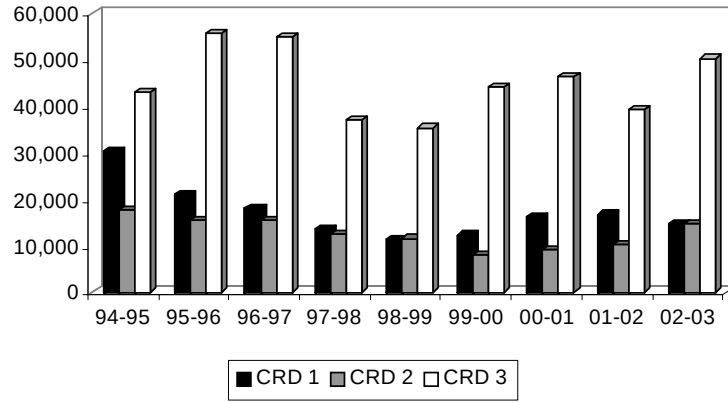
**NORTH DAKOTA HARD RED SPRING WHEAT SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN
thousand bu.**

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	11,384 7%	11,601 7%	35,393 22%	6,594 4%	16,430 9%	29,389 17%	23,092 14%	10,145 6%	23,686 14%	167,713 100%
1999- 00	12,268 7%	7,977 4%	44,229 25%	6,636 4%	22,078 12%	29,400 17%	21,192 12%	10,289 6%	23,381 13%	17,450 100%
2000- 01	16,171 8%	9,090 5%	46,282 23%	6,301 3%	22,214 11%	33,091 17%	27,822 14%	12,822 6%	26,276 13%	200,068 100%
2001- 02	16,831 9%	10,186 5%	39,364 20%	6,716 3%	23,571 12%	35,475 18%	27,684 14%	11,689 6%	26,128 13%	197,644 100%
2002- 03	14,744 8%	14,827 8%	50,251 28%	7,312 4%	18,615 10%	30,241 17%	17,938 10%	8,001 4%	18,803 10%	180,732 100%

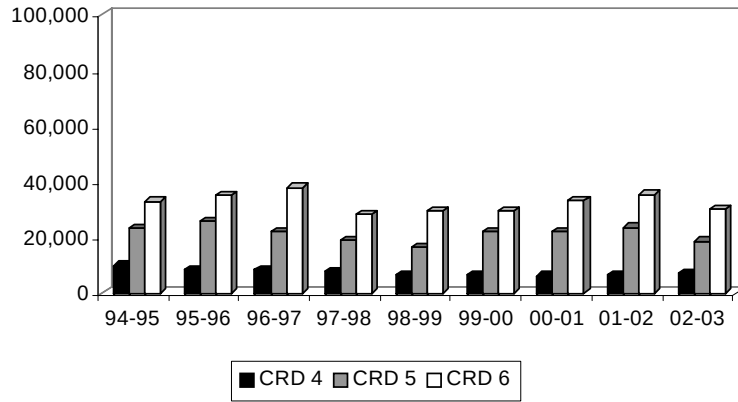


HARD RED SPRING WHEAT SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

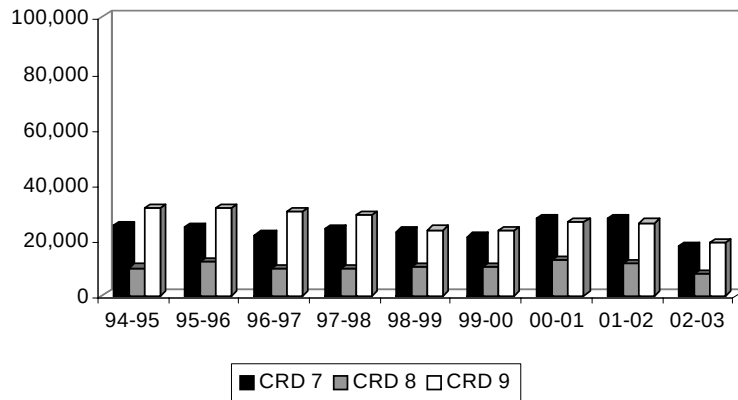
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





DURUM

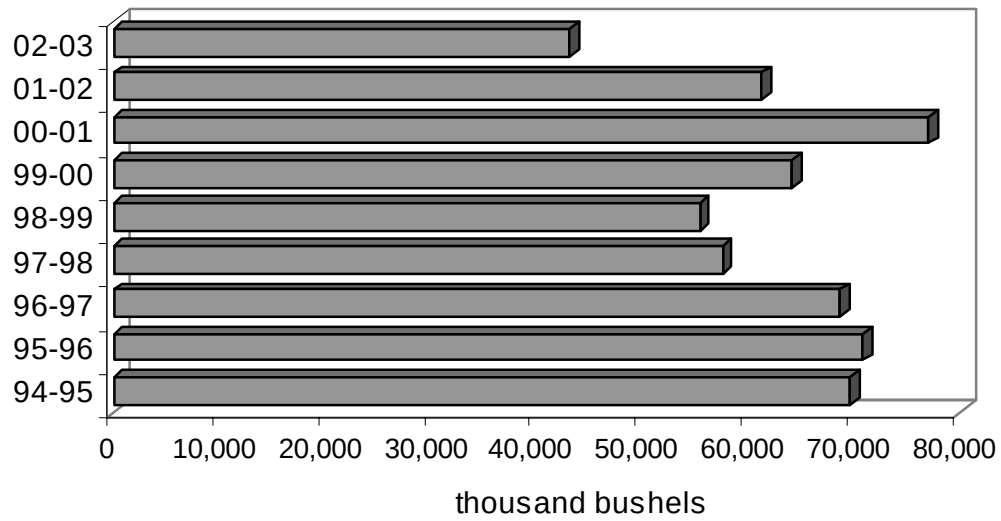
**NORTH DAKOTA DURUM SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
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	22,552	4,884	608	11,186	3,431	6,229	6,483	55,372
	41%	9%	1%	20%	6%	11%	12%	100%
1999-00	21,987	8,569	676	11,966	3,695	407	7,756	64,056
	34%	13%	1%	19%	6%	15%	12%	100%
2000-01	21,369	10,297	2,134	12,396	7,526	13,781	9,521	77,025
	28%	13%	3%	16%	10%	18%	12%	100%
2001-02	16,042	15,311	1,469	12,451	5,758	5,745	4,465	61,242
	26%	25%	2%	20%	9%	9%	7%	100%
2002-03*	11,195	7,919	365	10,096	4,200	7,244	2,129	43,148
	26%	18%	1%	23%	10%	17%	5%	100%

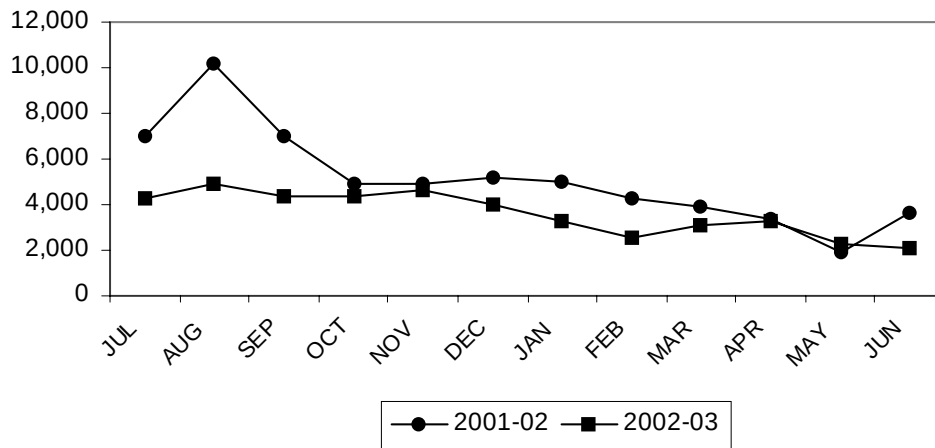
* Results are preliminary.

DURUM SHIPMENTS

1994-95 to 2002-03



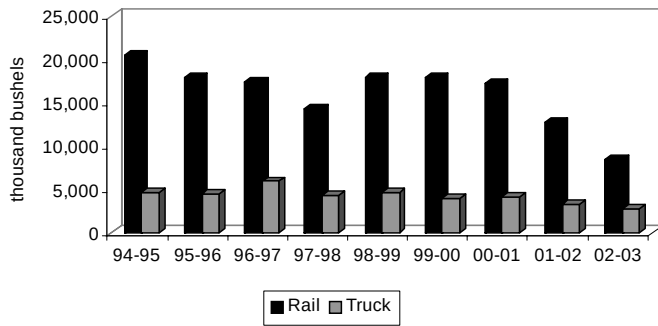
DURUM SHIPMENTS by month, 2000-01 to 2001-02 (thousand bushels)



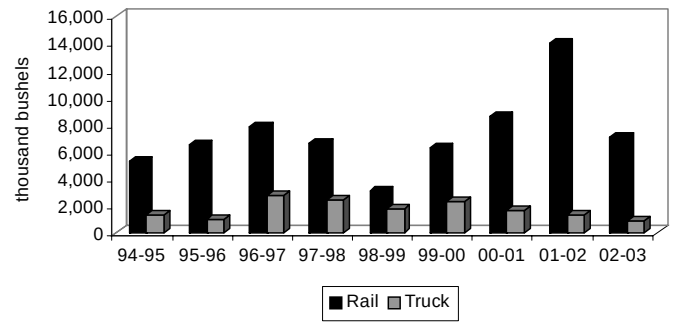
**NORTH DAKOTA DURUM SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	17,976	4,575	3,086	1,798	601	7	6,025	5,161	2,532	900	6,043	186	6,154	329	42,417	12,955
	80%	20%	63%	37%	99%	1%	53%	47%	73%	27%	97%	3%	95%	5%	77%	23%
1999-00	18,003	3,984	6,295	2,274	675	1	6,109	5,857	3,059	635	9,378	29	7,529	227	51,049	13,007
	82%	18%	73%	27%	100%	0%	51%	49%	83%	17%	100%	0%	97%	3%	80%	20%
2000-01	17,288	4,081	8,620	1,677	2,124	10	6,269	6,127	6,734	792	13,678	103	8,318	1,204	63,031	13,994
	81%	19%	84%	16%	100%	0%	51%	49%	89%	11%	99%	1%	87%	13%	82%	18%
2001-02	12,803	3,239	14,013	1,299	1,468	1	7,763	4,688	5,329	429	5,689	56	4,164	301	51,229	10,013
	80%	20%	92%	8%	100%	0%	62%	38%	93%	7%	99%	1%	93%	7%	84%	16%
2002-03	8,496	2,698	7,082	837	365	0	7,518	2,578	3,518	682	7,190	54	1,999	130	36,169	6,979
	76%	24%	89%	11%	100%	0%	74%	26%	84%	16%	99%	1%	94%	6%	84%	16%

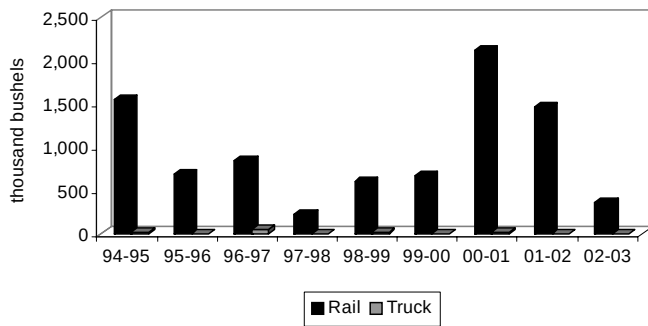
Durum to Minneapolis-St. Paul
1994-95 to 2002-03



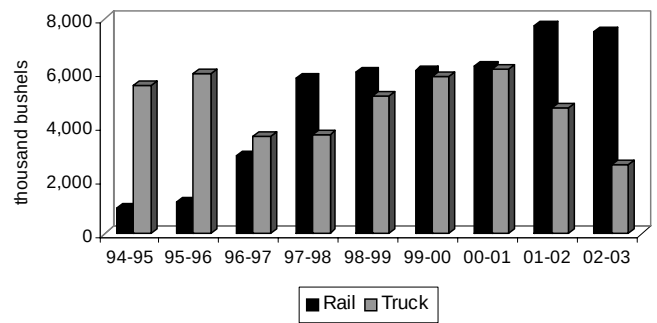
Durum to Duluth-Superior
1994-95 to 2002-03



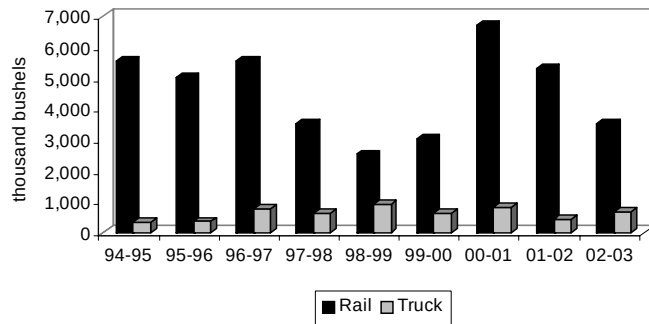
Durum to PNW
1994-95 to 2002-03



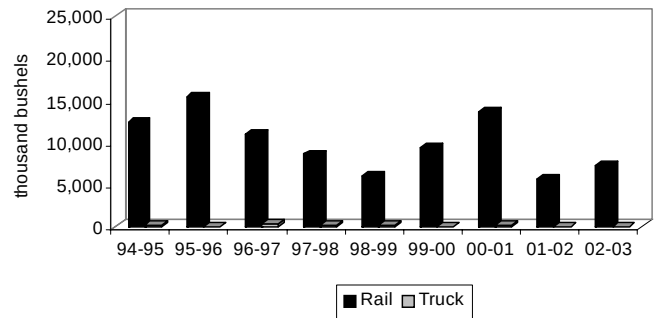
Durum to North Dakota
1994-95 to 2002-03



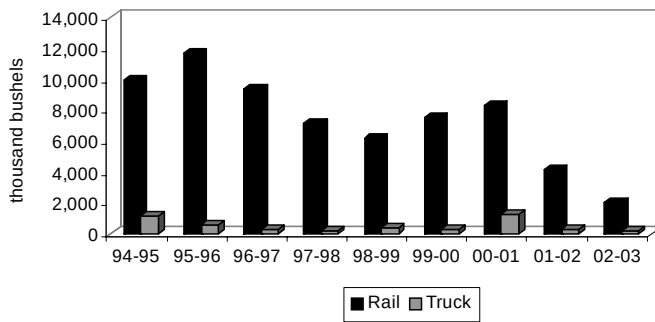
Durum to Other Minnesota & Wisconsin
1994-95 to 2002-03



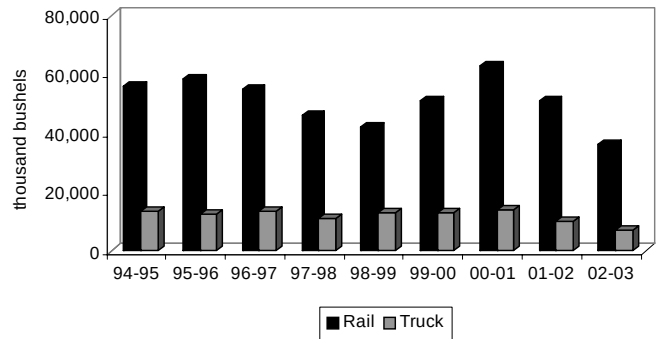
Durum to Midland & Gulf
1994-95 to 2002-03



Durum to Other Markets
1994-95 to 2002-03

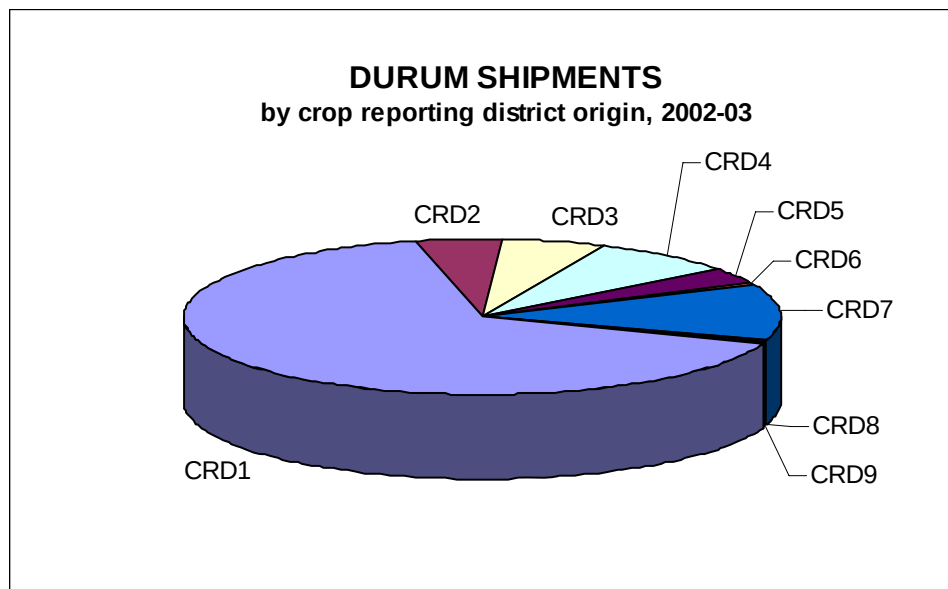


Total Durum Shipments
1994-95 to 2002-03



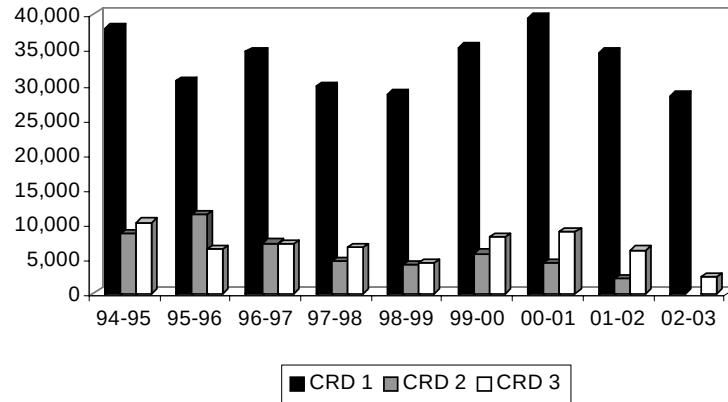
**NORTH DAKOTA DURUM SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN**
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	28,588 52%	4,622 8%	4,323 8%	8,010 14%	3,126 6%	998 2%	4,995 9%	285 1%	425 1%	55,372 100%
1999-00	35,273 55%	4,116 6%	8,131 13%	5,954 9%	3,250 5%	1,815 3%	4,321 7%	352 1%	844 1%	64,056 100%
2000-01	39,479 51%	5,751 7%	8,864 12%	8,838 11%	3,393 4%	1,899 2%	7,601 10%	514 1%	687 1%	77,025 100%
2001-02	34,510 56%	4,393 7%	6,252 10%	5,096 8%	2,600 4%	752 1%	6,910 11%	349 1%	380 1%	61,242 100%
2002-03	28,354 66%	2,103 5%	2,353 5%	3,393 8%	1,382 3%	160 0%	5,216 12%	110 0%	75 0%	43,148 100%

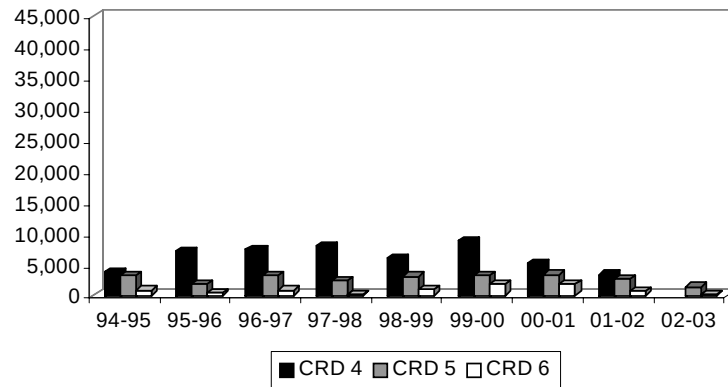


DURUM SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

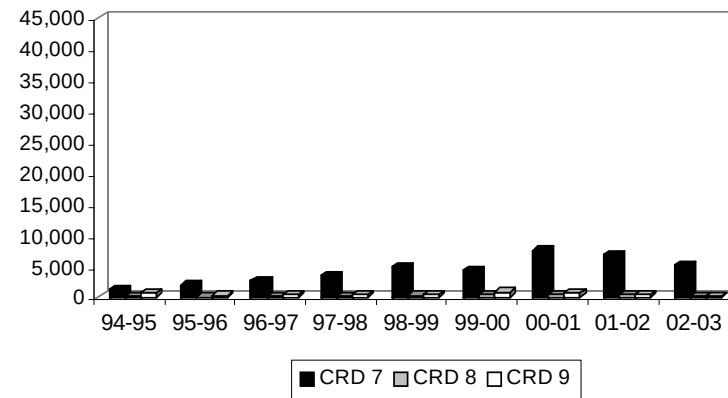
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





BARLEY

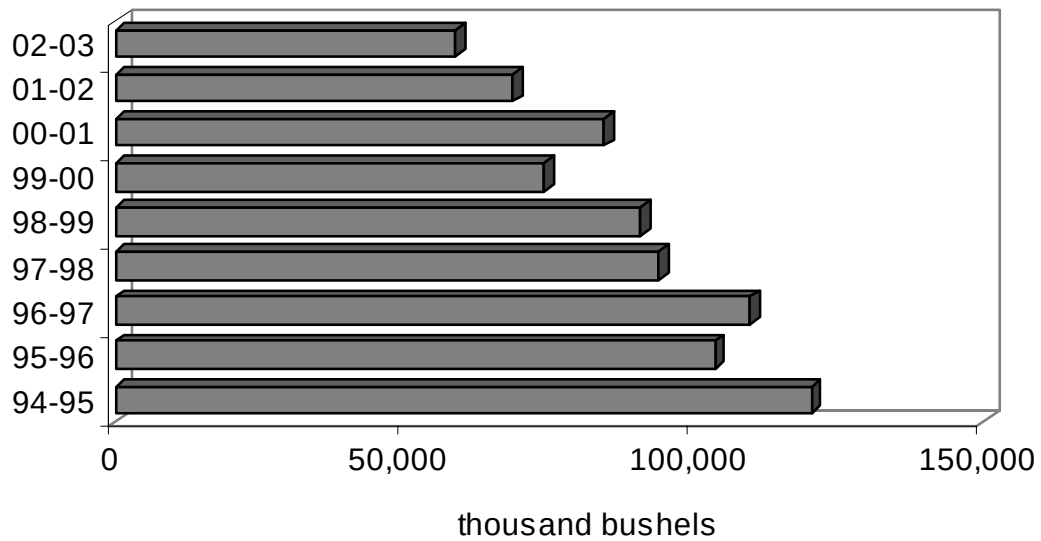
**NORTH DAKOTA BARLEY SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1994-95	33,960	14,514	6,763	23,597	16,534	11,798	13,085	120,251
	31%	13%	6%	22%	15%	10%	12%	100%
1995-96	38,368	2,748	8,287	24,339	13,108	5,385	11,354	103,590
	37%	3%	8%	23%	13%	5%	11%	100%
1996-97	34,866	5,912	7,749	22,014	9,347	12,697	17,002	109,587
	36%	6%	8%	23%	10%	12%	18%	100%
1997-98	29,336	9,213	10,819	18,506	9,377	5,902	10,853	94,006
	31%	10%	12%	20%	10%	6%	12%	100%
1998-99	35,319	3,400	4,314	20,406	8,680	7,642	11,132	90,892
	39%	4%	5%	22%	10%	8%	12%	100%
1999-00	32,210	3,245	738	17,562	6,359	5,256	8,772	74,142
	43%	4%	1%	24%	9%	7%	12%	100%
2000-01	29,486	4,361	7,266	17,222	5,871	8,278	12,047	84,531
	35%	5%	9%	20%	7%	10%	14%	100%
2001-02	26,576	3,435	5,151	9,985	5,668	6,757	11,083	68,655
	39%	5%	8%	15%	8%	10%	16%	100%
2002-03*	20,693	1,084	1,011	12,140	11,872	4,485	7,387	58,672
	35%	2%	2%	21%	20%	8%	13%	100%

* Results are preliminary.

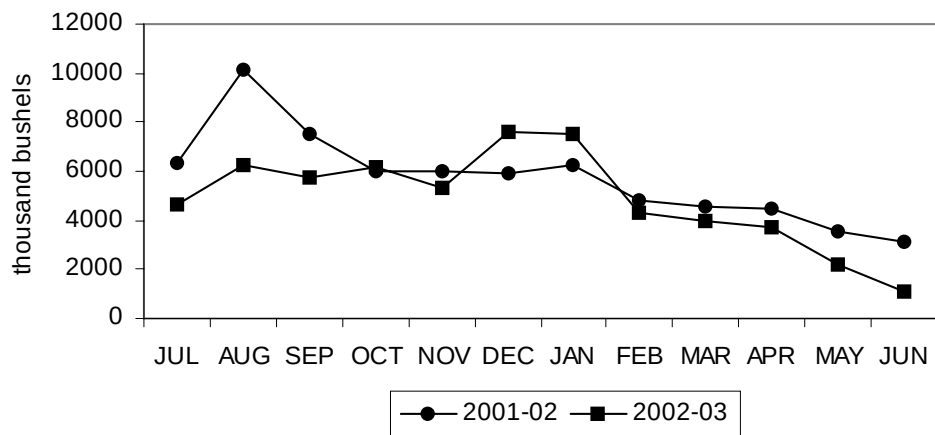
BARLEY SHIPMENTS

1994-95 to 2002-03



BARLEY SHIPMENTS

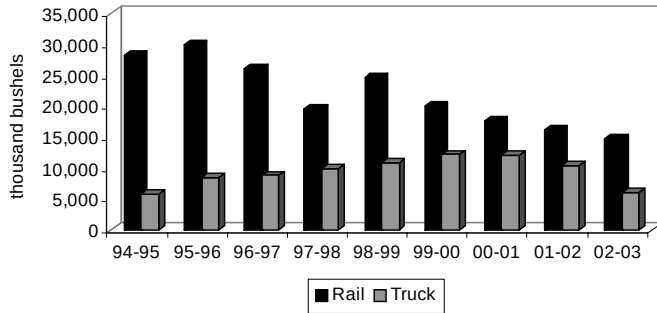
by month, 2001-02 to 2002-03



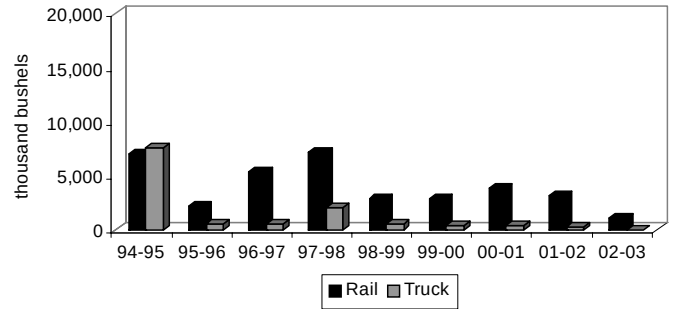
**NORTH DAKOTA BARLEY SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	24,581	10,738	2,862	538	4,244	70	4,922	15,483	5,860	2,820	6,801	841	9,976	1,156	59,246	31,646
	70%	30%	84%	16%	98%	2%	24%	76%	68%	32%	89%	11%	90%	10%	65%	35%
1999-00	20,034	12,176	2,907	339	648	90	3,516	14,047	4,601	1,767	4,653	603	6,915	1,857	43,274	30,868
	62%	38%	90%	10%	88%	12%	20%	80%	72%	28%	89%	11%	79%	21%	58%	42%
2000-01	17,512	11,974	3,910	451	7,203	63	3,883	13,340	3,951	1,921	7,842	436	11,113	934	55,413	29,118
	89%	41%	90%	10%	99%	1%	23%	77%	67%	33%	95%	5%	92%	8%	66%	34%
2001-02	16,174	10,402	3,170	265	5,078	74	1,200	8,785	3,924	1,744	6,395	362	10,027	1,056	45,967	22,688
	61%	39%	92%	8%	99%	1%	12%	88%	69%	31%	95%	5%	90%	10%	67%	33%
2002-03	14,752	5,941	1,052	33	985	26	3,459	8,680	9,611	2,261	4,244	241	6,460	927	40,563	18,110
	71%	29%	97%	3%	97%	3%	28%	72%	81%	19%	95%	5%	87%	13%	69%	31%

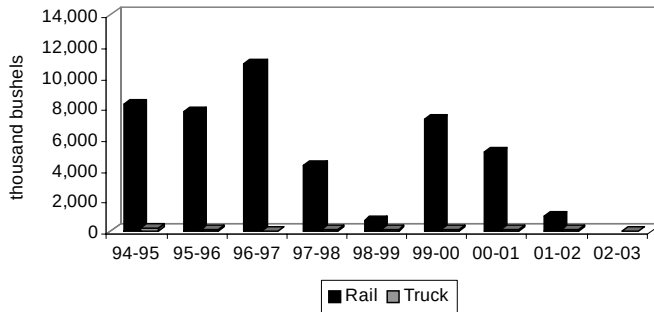
Barley to Minneapolis-St. Paul
1994-95 to 2002-03



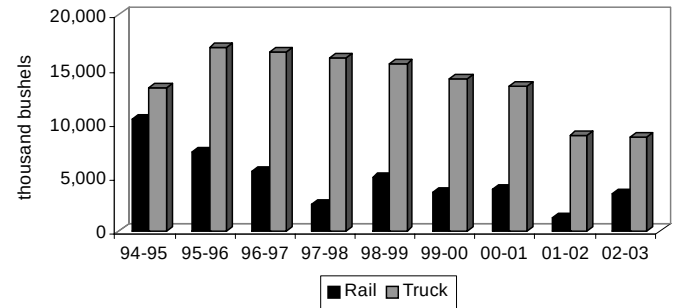
Barley to Duluth-Superior
1994-95 to 2002-03



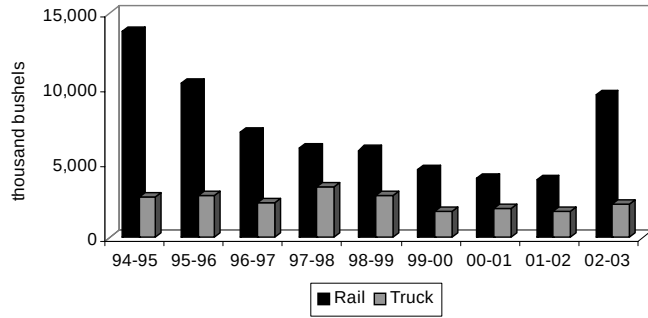
Barley to PNW
1994-95 to 2002-03



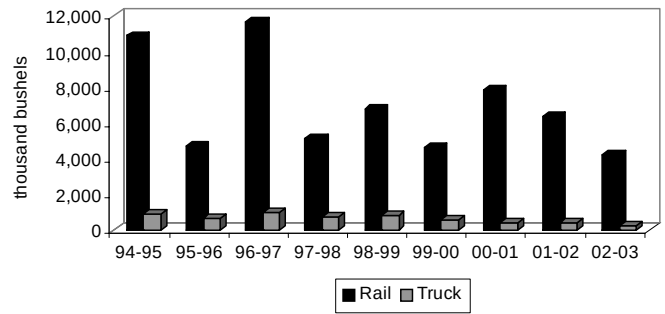
Barley to North Dakota
1994-95 to 2002-03



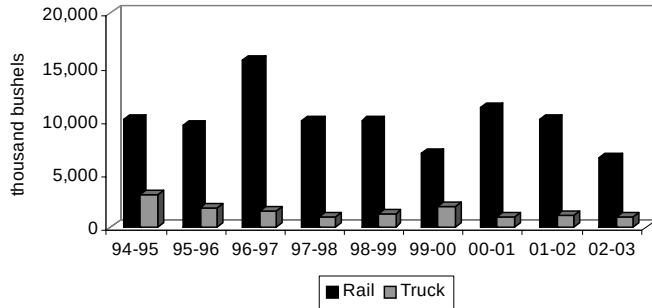
Barley to Other Minnesota & Wisconsin
1994-95 to 2002-03



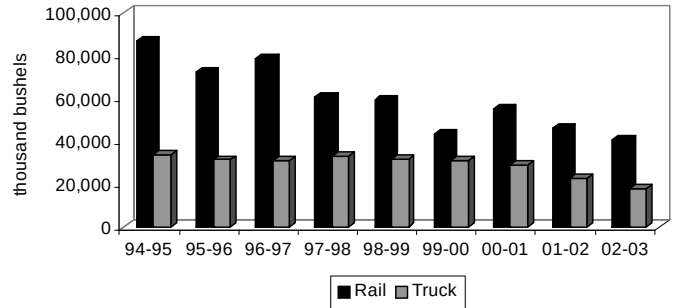
Barley to Midland & Gulf
1994-95 to 2002-03



Barley to Other Markets
1994-95 to 2002-03

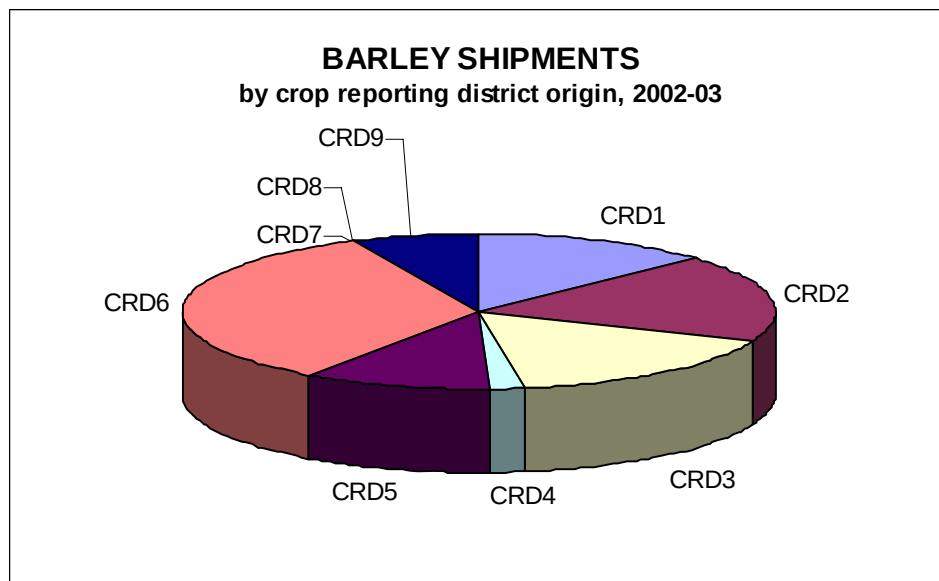


Total Barley Shipments
1994-95 to 2002-03



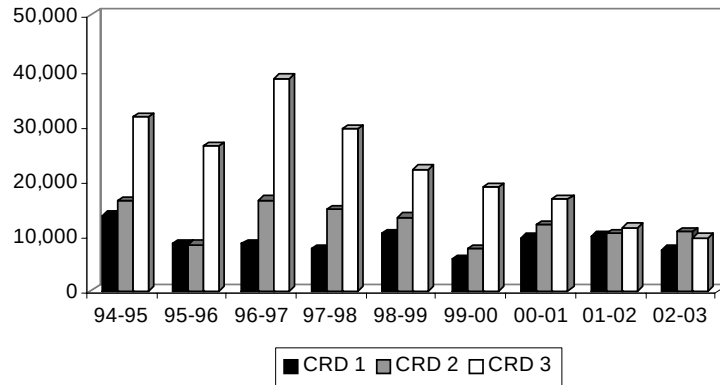
**NORTH DAKOTA BARLEY SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN**
thousand bu.

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	10,371 11%	13,404 15%	22,038 24%	1,703 2%	11,274 12%	25,946 29%	128 0%	865 1%	5,164 6%	90,892 100%
1999-00	5,783 8%	7,586 10%	18,844 25%	1,845 2%	9,646 13%	23,957 32%	366 0%	1,046 1%	5,069 7%	74,142 100%
2000-01	9,657 11%	12,064 14%	16,593 20%	3,246 4%	11,351 13%	22,212 26%	521 1%	1,528 2%	7,359 9%	84,531 100%
2001-02	9,923 14%	10,333 15%	11,493 17%	2,438 4%	8,361 12%	17,321 25%	641 1%	1,177 2%	6,968 10%	68,655 100%
2002-03	7,443 13%	10,779 18%	9,639 16%	1,177 2%	5,981 10%	19,333 33%	139 0%	143 0%	4,038 7%	58,672 100%

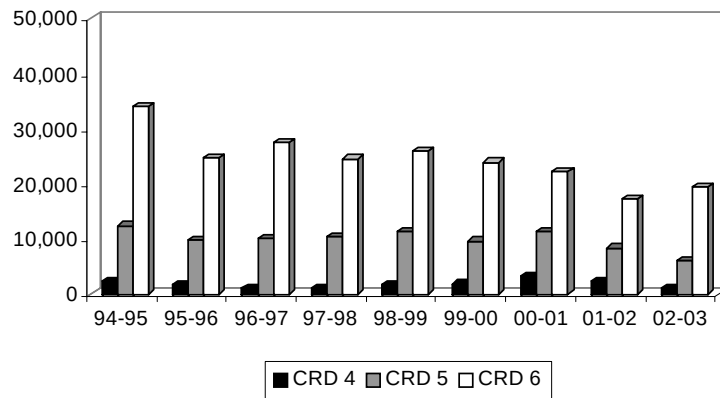


BARLEY SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

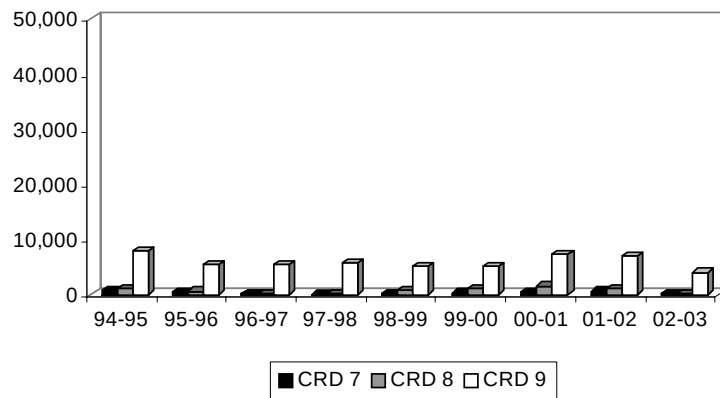
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





SUNFLOWER

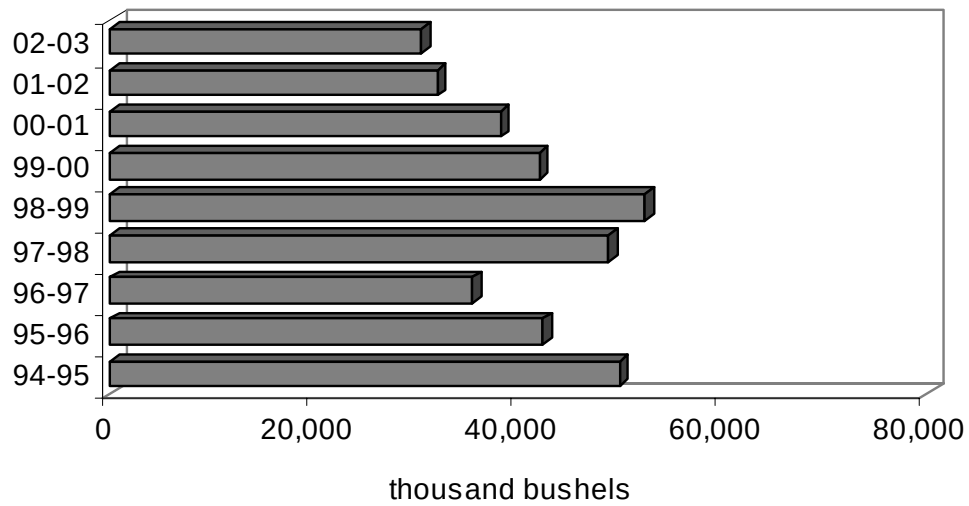
**NORTH DAKOTA SUNFLOWER SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1994-95	2,619	2,775	425	32,726	1,574	1,260	8,543	49,921
	5%	6%	1%	66%	3%	3%	17%	100%
1995-96	1,824	2,805	485	28,889	1,865	824	5,648	42,338
	4%	7%	1%	68%	4%	2%	13%	100%
1996-97	1,553	108	86	27,548	1,656	838	3,631	35,419
	4%	0%	0%	78%	5%	2%	10%	100%
1997-98	2,243	2,179	280	36,634	3,674	612	3,164	48,786
	5%	4%	1%	75%	8%	1%	6%	100%
1998-99	4,664	3,310	352	35,156	4,032	571	4,261	52,320
	9%	6%	1%	67%	8%	1%	8%	100%
1999-00	2,312	789	360	29,836	4,141	550	4,068	42,052
	5%	2%	1%	71%	10%	1%	10%	100%
2000-01	2,287	15	462	26,868	3,657	932	3,968	38,194
	6%	0%	1%	70%	10%	2%	10%	100%
2001-02	1,748	720	371	20,935	3,885	487	3,910	32,042
	5%	2%	1%	65%	12%	2%	12%	100%
2002-03*	1,175	0	353	18,276	4,576	971	5,142	30,503
	4%	0%	1%	60%	15%	3%	17%	100%

* Results are preliminary.

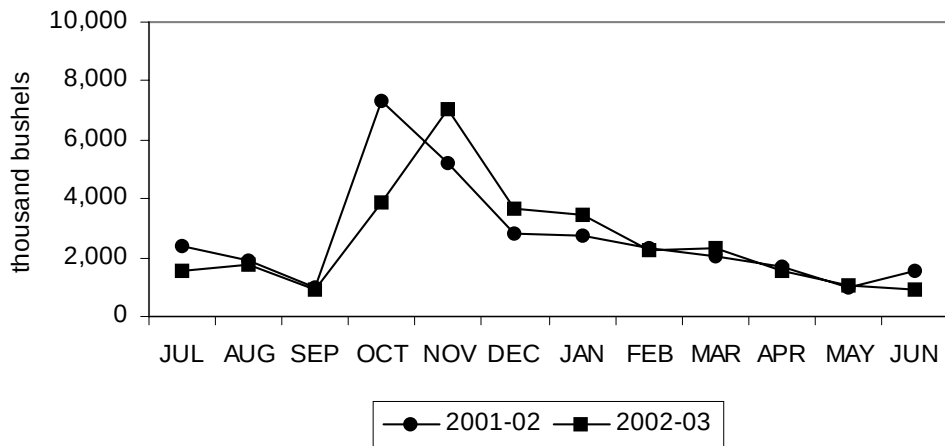
SUNFLOWER SHIPMENTS

1994-95 to 2002-03



SUNFLOWER SHIPMENTS

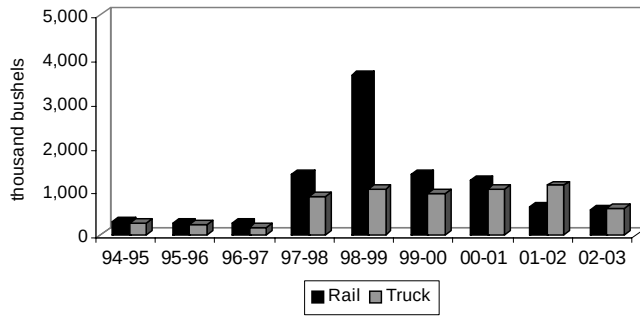
by month, 2001-02 to 2002-03



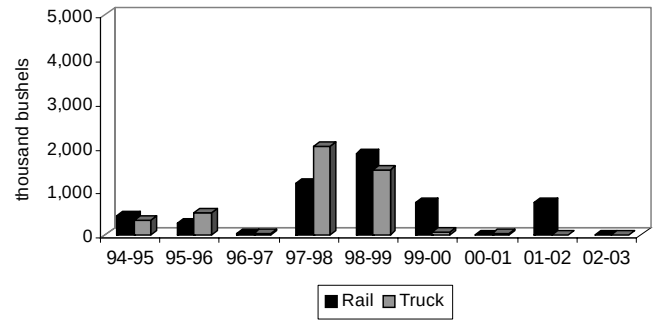
**NORTH DAKOTA SUNFLOWER SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	3,622	1,042	1,830	1,480	9	343	3,302	31,854	520	3,512	36	535	1,718	2,543	11,034	41,286
	78%	22%	55%	45%	3%	97%	9%	91%	13%	87%	6%	94%	40%	60%	21%	79%
1999-00	1,387	925	723	66	46	314	2,340	27,496	161	3,980	43	507	1,276	2,792	5,977	36,075
	60%	40%	92%	8%	13%	87%	8%	92%	4%	96%	8%	92%	31%	69%	14%	86%
2000-01	1,250	1,037	0	15	47	415	2,828	24,040	117	3,540	4	928	643	3,325	4,887	33,307
	55%	45%	0%	100%	10%	90%	11%	89%	3%	97%	0%	100%	16%	84%	13%	87%
2001-02	628	1,120	717	3	4	367	2,349	18,586	185	3,700	30	457	662	3,248	4,574	27,468
	36%	64%	100%	0%	1%	99%	11%	89%	5%	95%	6%	94%	17%	83%	14%	86%
2002-03	571	604	0	0	45	308	2,013	16,263	260	4,316	130	841	1,651	3,491	4,671	25,832
	49%	51%	0%	0%	13%	87%	11%	89%	6%	94%	13%	87%	32%	68%	15%	85%

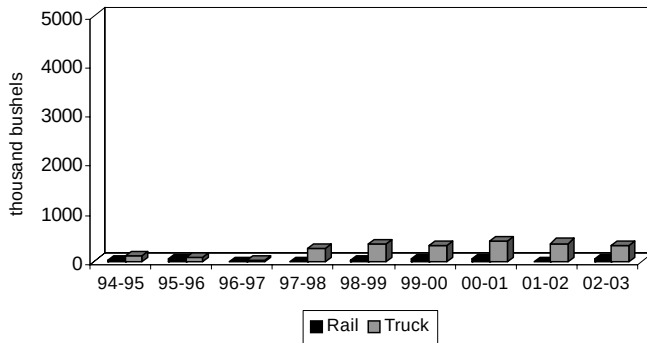
Sunflower to Minneapolis-St. Paul
1994-95 to 2002-03



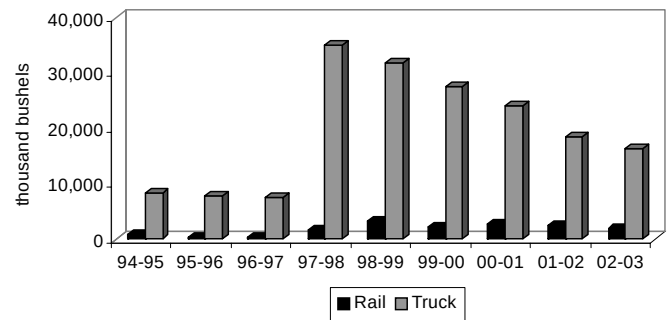
Sunflower to Duluth-Superior
1994-95 to 2002-03



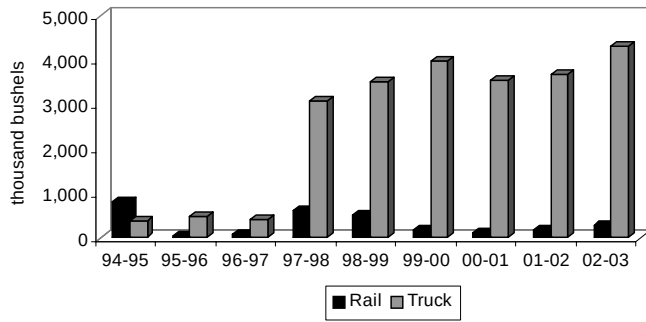
Sunflower to PNW
1994-95 to 2002-03



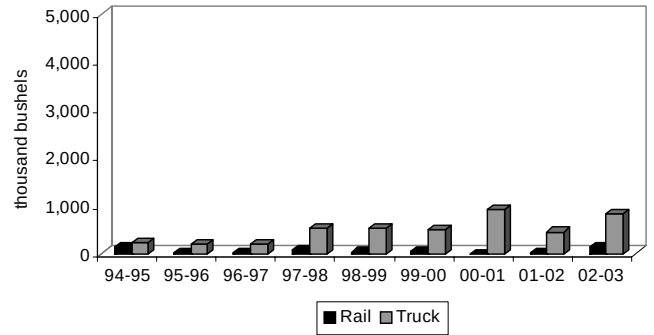
Sunflower to North Dakota
1994-95 to 2002-03



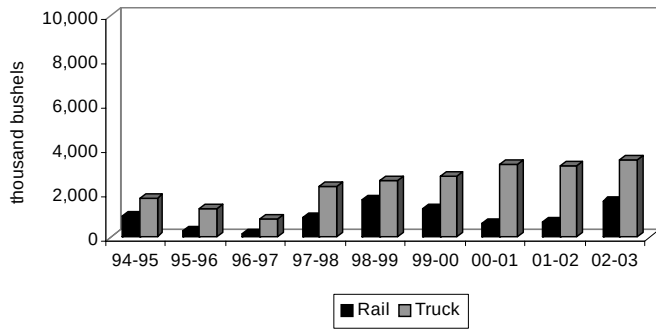
Sunflower to Other Minnesota & Wisconsin
1994-95 to 2002-03



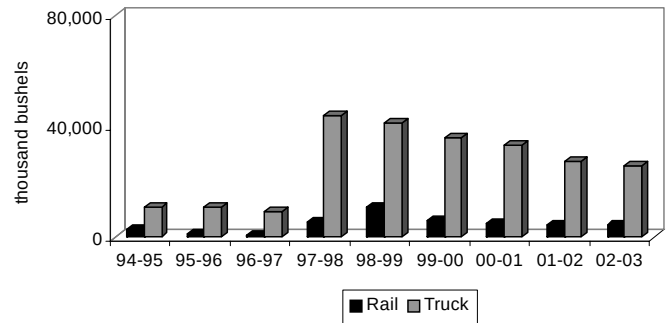
Sunflower to Midland & Gulf
1994-95 to 2002-03



Sunflower to Other Markets
1994-95 to 2002-03

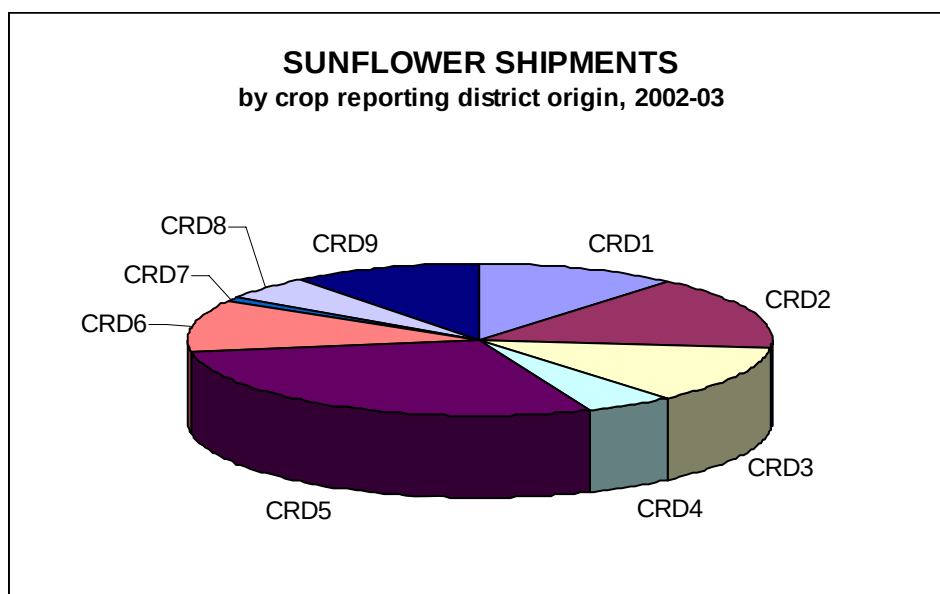


Total Sunflower Shipments
1994-95 to 2002-03



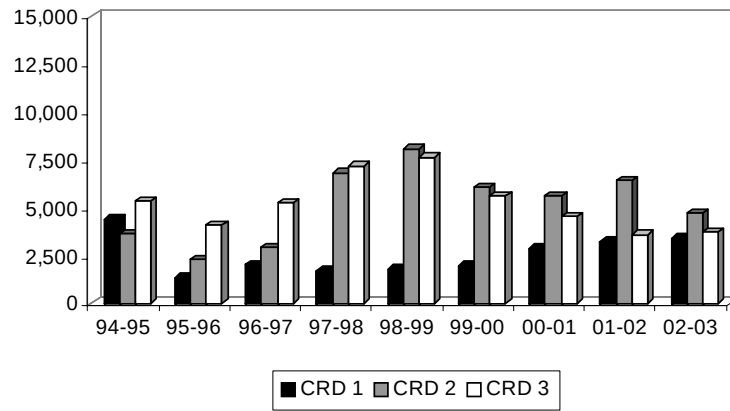
**NORTH DAKOTA SUNFLOWER SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN
thousand bu.**

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	1,805	8,077	7,620	567	10,741	8,765	613	1,151	12,981	52,320
	3%	15%	15%	1%	21%	17%	1%	2%	25%	100%
1999-00	1,979	6,062	5,611	585	10,646	6,609	722	1,743	8,095	42,052
	5%	14%	13%	1%	25%	16%	2%	4%	19%	100%
2000-01		5,595	4,556	701	9,693	5,170	427	2,624	6,539	38,194
	8%	15%	12%	2%	25%	14%	1%	7%	17%	100%
2001-02	3,250	6,399	3,591	1,140	7,453	3,925	429	2,033	3,822	32,042
	10%	20%	11%	4%	23%	12%	1%	6%	12%	100%
2002-03	3,430	4,723	3,725	1,516	8,741	3,370	284	1,514	3,200	30,503
	11%	15%	12%	5%	29%	11%	1%	5%	10%	100%

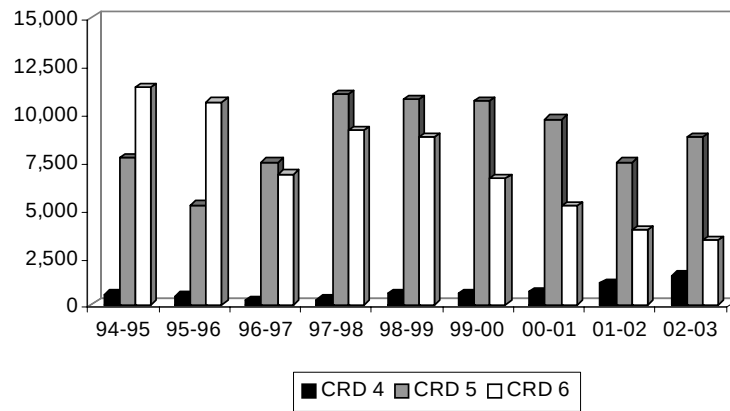


SUNFLOWER SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

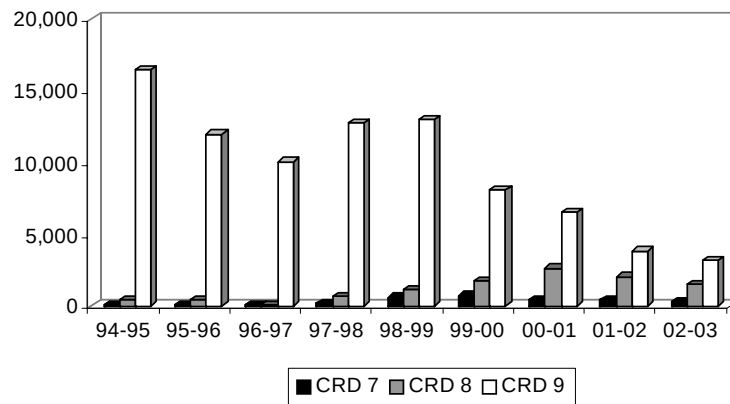
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





OATS

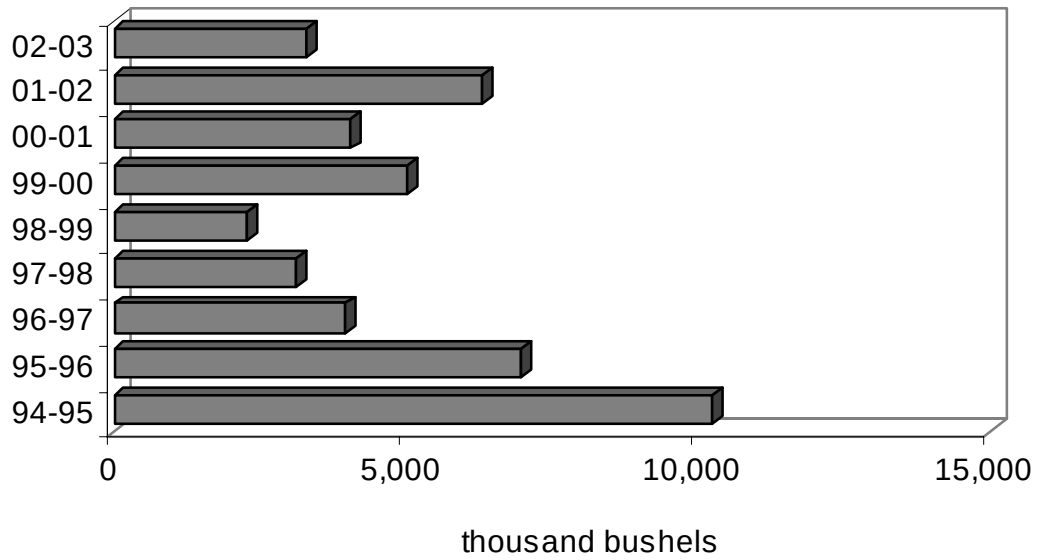
**NORTH DAKOTA OATS SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
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	715	20	53	47	67	392	978	2,273
	31%	1%	2%	2%	3%	17%	43%	100%
1999-00	1,047	18	2	99	429	2,556	883	5,034
	21%	0%	0%	2%	9%	51%	18%	100%
2000-01	276	0	14	97	1,107	2,388	148	4,031
	7%	0%	0%	2%	27%	59%	4%	100%
2001-02	1,037	2	550	188	434	2,330	1,775	6,314
	16%	0%	9%	3%	7%	37%	28%	100%
2002-03*	889	5	287	266	79	782	998	3,307
	27%	0%	9%	8%	2%	24%	30%	100%

* Results are preliminary.

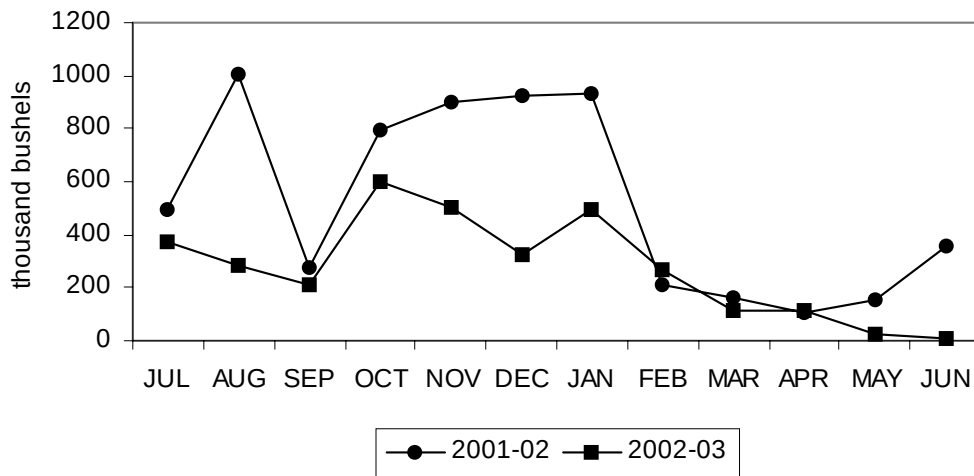
OATS SHIPMENTS

1994-95 to 2002-03



OATS SHIPMENTS

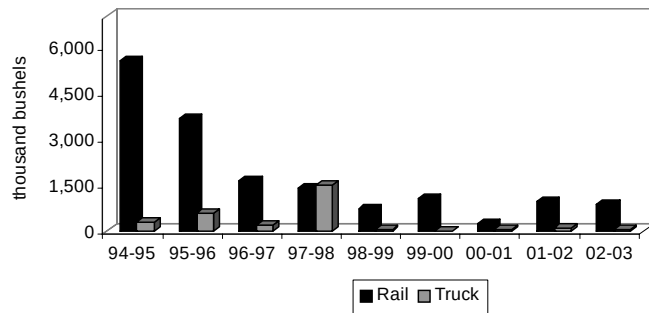
by month, 2001-02 to 2002-03



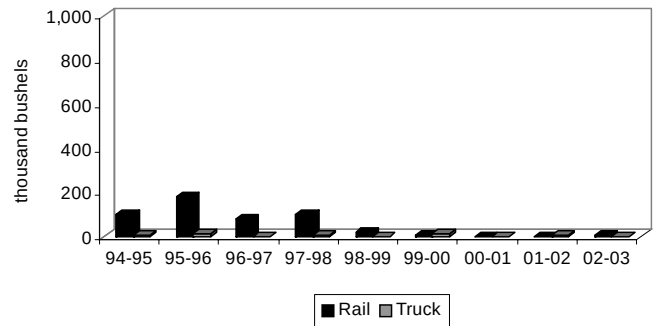
**NORTH DAKOTA OATS SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	700	15	20	0	0	53	0	47	5	62	43	349	889	90	16,567	617
	98%	2%	100%	0%	0%	100%	0%	100%	7%	93%	11%	89%	91%	9%	73%	27%
1999-00	1,402	5	5	13	0	2	9	90	362	66	2,414	143	828	56	4,660	374
	100%	0%	28%	72%	0%	100%	9%	91%	85%	15%	94%	6%	94%	6%	93%	7%
2000-01	224	52	0	0	14	0	19	78	1,079	28	2,244	144	72	76	3,653	378
	81%	19%	0%	0%	100%	0%	20%	80%	97%	3%	94%	6%	48%	52%	91%	9%
2001-02	938	99	0	2	529	21	11	176	383	52	2,182	148	1,622	153	5,664	650
	90%	10%	0%	100%	96%	4%	6%	94%	88%	12%	94%	6%	91%	9%	90%	10%
2002-03	844	45	5	0	126	162	62	205	25	54	631	152	770	229	2,462	845
	95%	5%	100%	0%	44%	56%	23%	77%	32%	68%	81%	19%	77%	23%	74%	26%

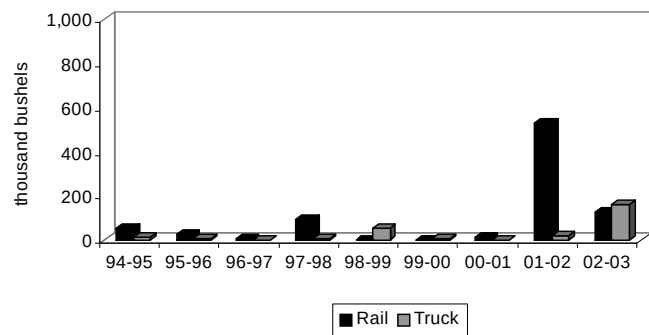
Oats to Minneapolis-St. Paul
1994-95 to 2002-03



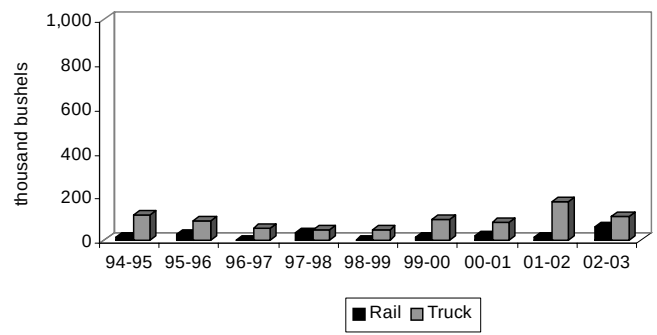
Oats to Duluth-Superior
1994-95 to 2002-03



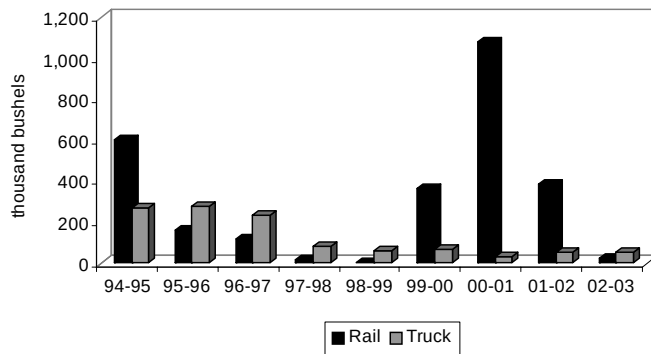
Oats to PNW
1994-95 to 2002-03



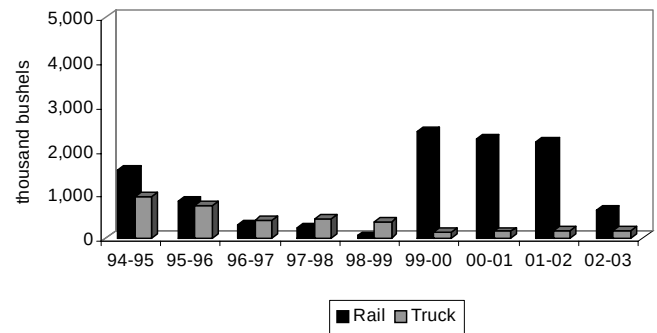
Oats to North Dakota
1994-95 to 2002-03



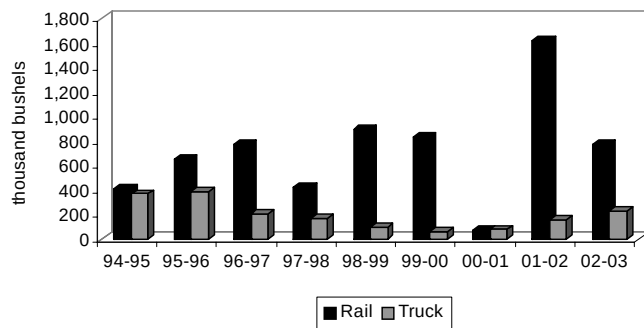
Oats to Other Minnesota & Wisconsin
1994-95 to 2002-03



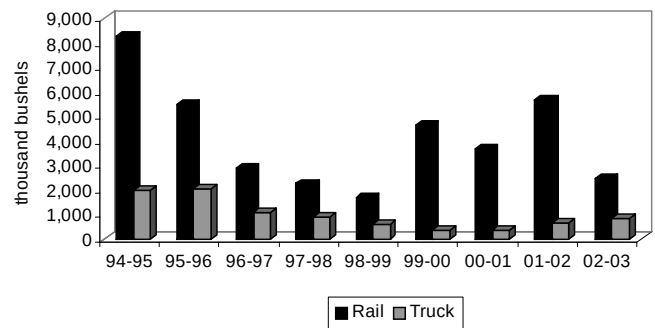
Oats to Midland & Gulf
1994-95 to 2002-03



Oats to Other Markets
1994-95 to 2002-03

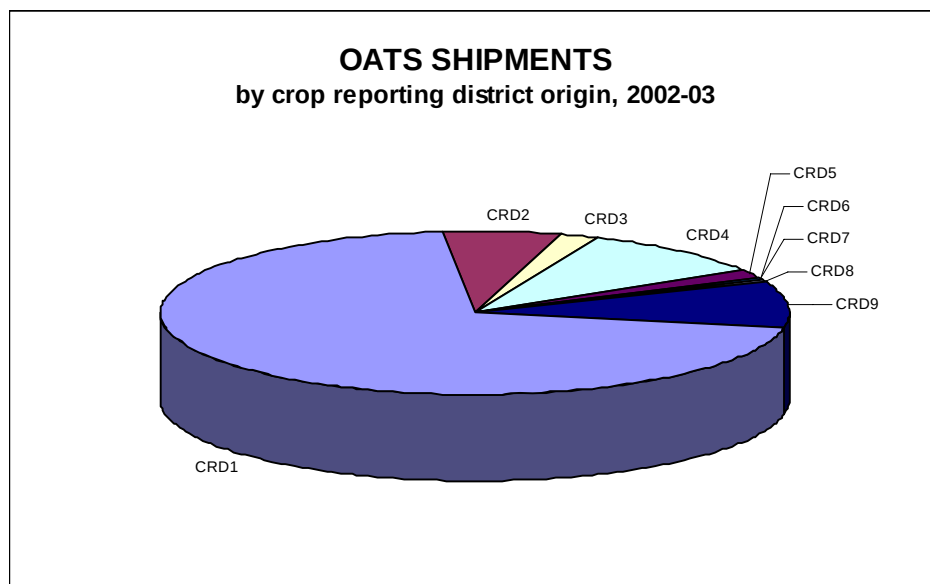


Total Oats Shipments
1994-95 to 2002-03



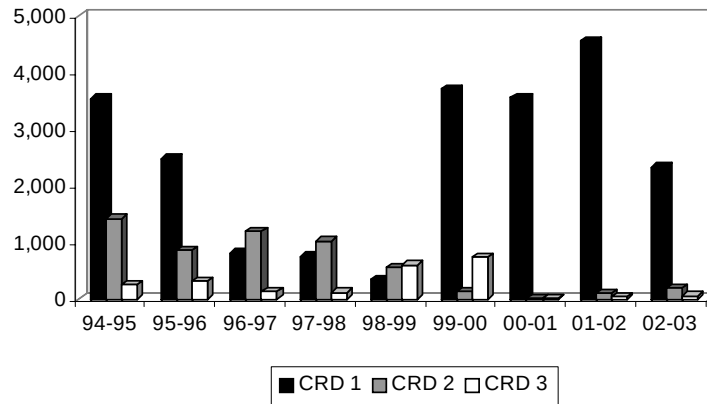
**NORTH DAKOTA OATS SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN
thousand bu.**

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	64	28	37	103	229	2,273
	16%	25%	27%	13%	3%	1%	2%	5%	10%	100%
1999-00	3,704	144	741	79	76	48	0	95	147	5,034
	74%	3%	15%	2%	2%	1%	0%	2%	3%	100%
2000-01	3,558	11	25	126	35	24	17	86	149	4,031
	88%	0%	1%	3%	1%	1%	0%	2%	4%	100%
2001-02	4,563	100	57	554	263	71	45	154	507	6,314
	72%	2%	1%	9%	4%	1%	1%	2%	8%	100%
2002-03	2,335	204	60	318	64	8	9	17	292	3,307
	71%	6%	2%	10%	2%	0%	0%	1%	9%	100%

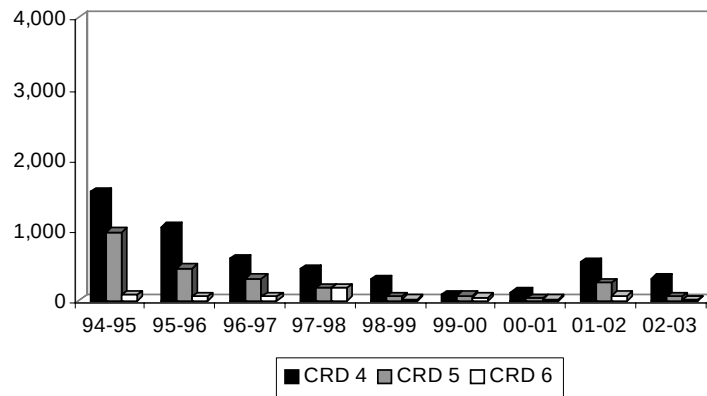


OATS SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

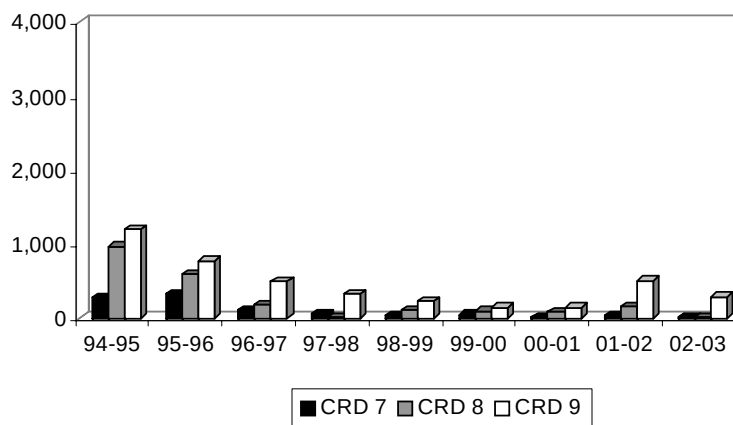
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





SOYBEANS

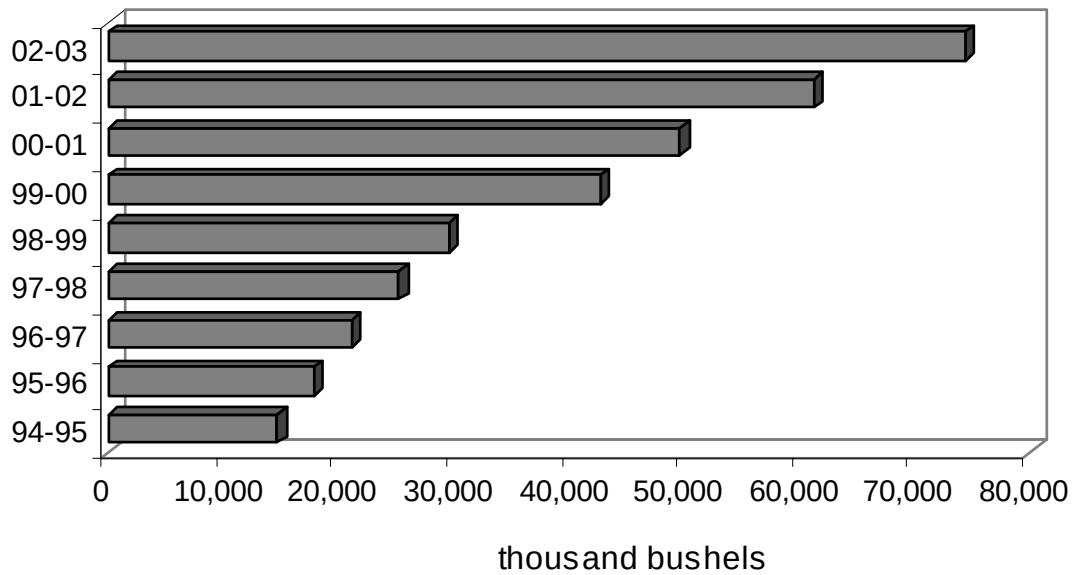
**NORTH DAKOTA SOYBEAN SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
1994-95	2,825	3,110	6,806	373	568	121	792	14,594
	19%	21%	47%	3%	4%	1%	5%	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	1,607	8,252	5,809	2,523	486	17	2,542	21,236
	8%	39%	27%	12%	2%	0%	12%	100%
1997-98	4,395	9,210	4,751	2,292	718	813	3,044	25,223
	17%	37%	19%	9%	3%	3%	12%	100%
1998-99	6,708	12,978	3,516	976	1,125	854	3,368	29,526
	23%	44%	12%	3%	4%	3%	11%	100%
1999-00	5,415	20,573	8,393	660	1,099	950	5,577	42,668
	13%	48%	20%	2%	3%	2%	13%	100%
2000-01	5,386	13,523	17,296	1,626	1,986	2,129	7,670	49,617
	11%	27%	35%	3%	4%	4%	15%	100%
2001-02	6,075	13,469	21,010	5,632	5,191	1,219	8,631	61,228
	10%	22%	34%	9%	9%	2%	14%	100%
2002-03*	5,788	15,473	25,696	8,819	7,083	1,818	9,672	74,348
	8%	21%	35%	12%	10%	2%	13%	100%

*Results are preliminary.

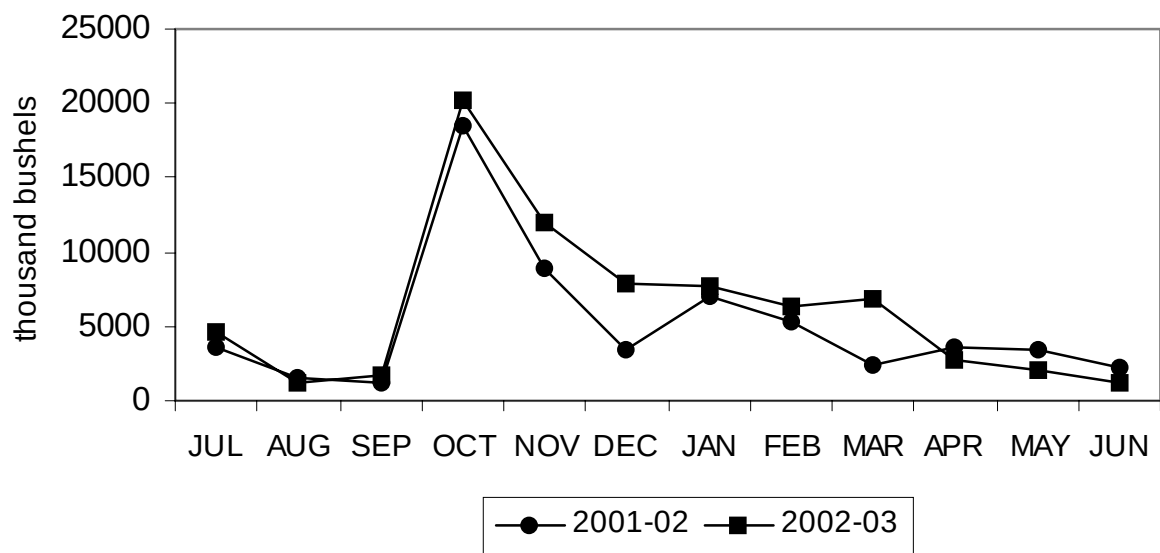
SOYBEAN SHIPMENTS

1994-95 to 2002-03



SOYBEAN SHIPMENTS

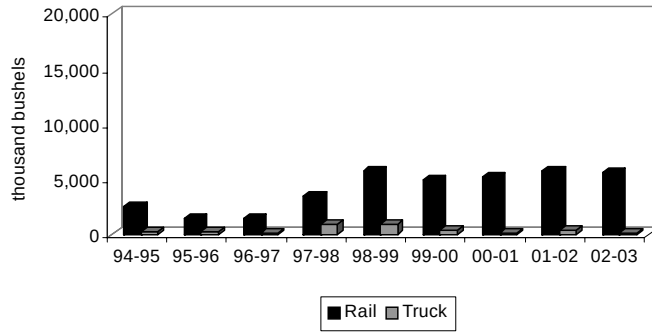
by month, 2001-02 to 2002-03



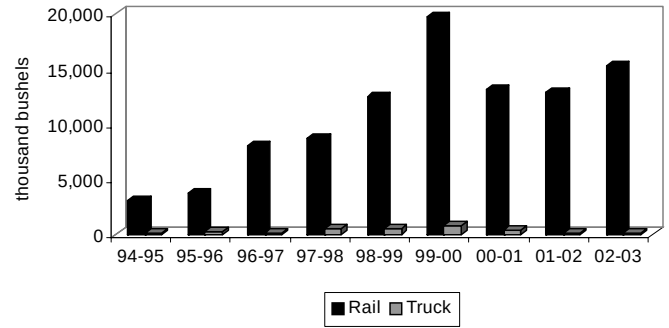
**NORTH DAKOTA SOYBEAN SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	1,493	72	7,001	11	9,150	27	3,154	5,705	135	295	1,626	283	3,746	3,187	26,305	9,580
	95%	5%	100%	0%	100%	0%	36%	64%	31%	69%	85%	15%	54%	46%	73%	27%
1999-00	4,981	434	19,771	802	8,366	27	57	603	608	491	919	31	4,966	611	39,668	2,999
	92%	8%	96%	4%	100%	0%	9%	91%	55%	45%	97%	3%	89%	11%	93%	7%
2000-01	5,268	118	13,200	324	17,079	217	121	1,505	1,111	875	2,124	5	7,118	552	46,021	3,596
	98%	2%	98%	2%	99%	1%	7%	93%	56%	44%	100%	0%	93%	7%	93%	7%
2001-02	5,722	353	12,871	598	20,879	131	607	5,025	3,398	1,793	1,149	70	8,107	524	52,732	8,495
	94%	6%	96%	4%	99%	1%	11%	89%	65%	35%	94%	6%	94%	6%	86%	14%
2002-03	5,663	125	15,329	145	25,696	0	1,594	7,224	5,117	1,966	1,791	26	8,700	972	63,890	10,458
	98%	2%	99%	1%	100%	0%	18%	82%	72%	28%	99%	1%	90%	10%	86%	14%

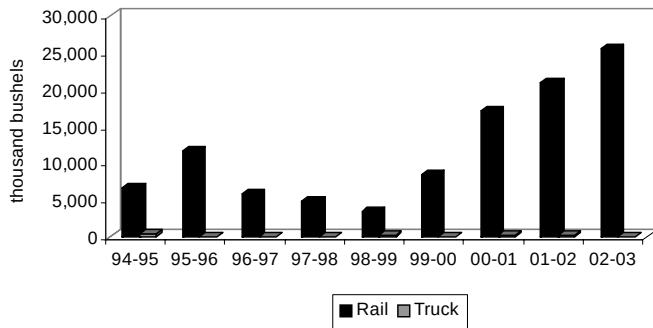
Soybeans to Minneapolis-St. Paul
1994-95 to 2002-03



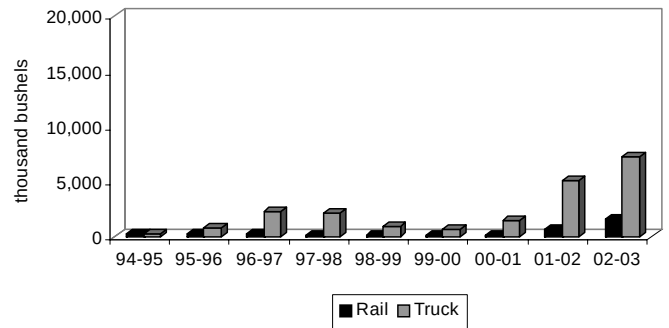
Soybeans to Duluth-Superior
1994-95 to 2002-03



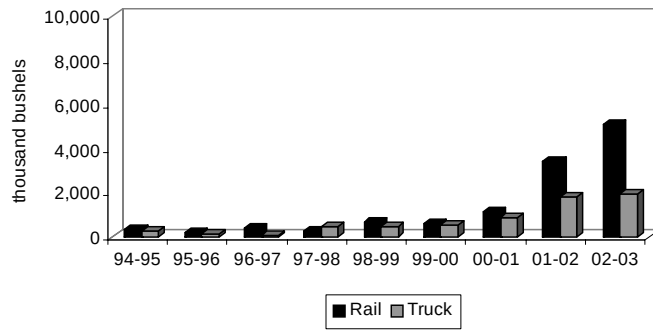
Soybeans to PNW
1994-95 to 2002-03



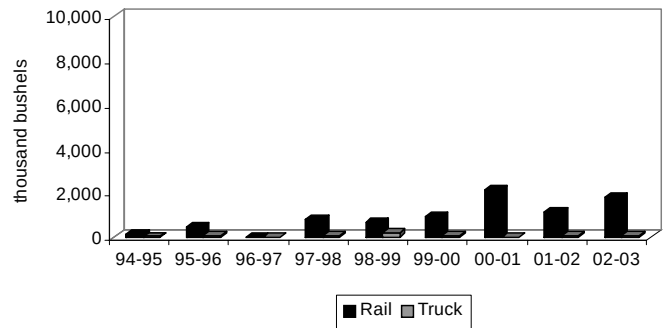
Soybeans to North Dakota
1994-95 to 2002-03



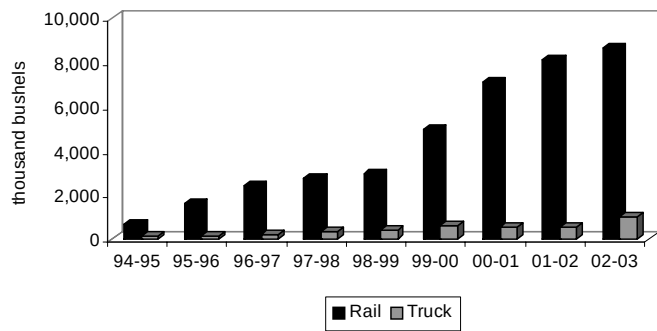
Soybeans to Other Minnesota & Wisconsin
1994-95 to 2002-03



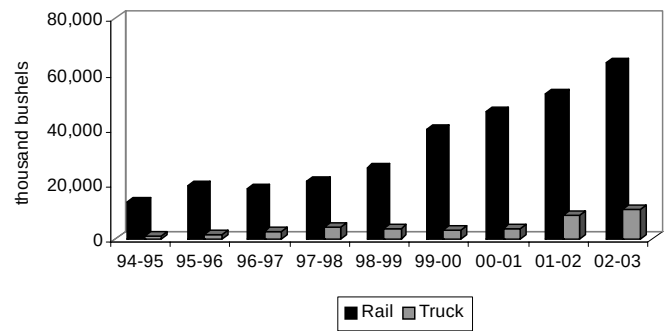
Soybeans to Midland & Gulf
1994-95 to 2002-03



Soybeans to Other Markets
1994-95 to 2002-03

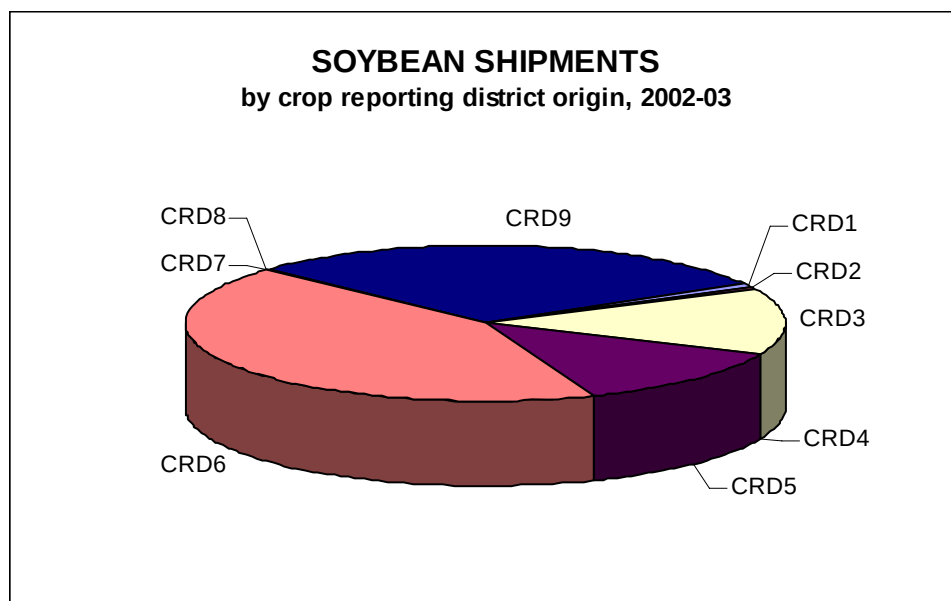


Total Soybean Shipments
1994-95 to 2002-03



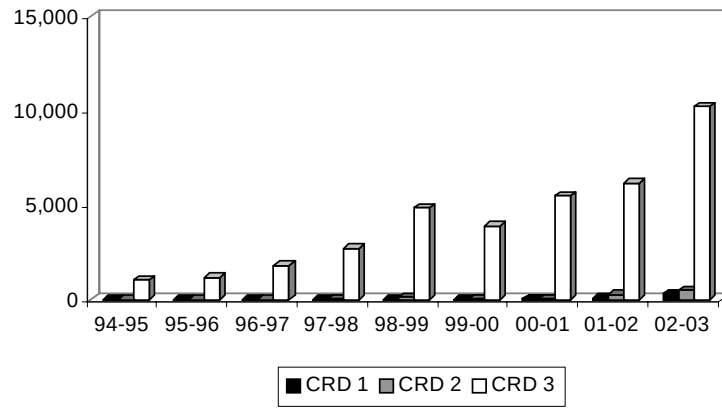
**NORTH DAKOTA SOYBEAN SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN
thousand bu.**

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	122	4,844	14	539	139,497	4	93	9,961	29,526
	0%	0%	16%	0%	2%	47%	0%	0%	34%	100%
1999-00	7	33	3,909	6	462	20,765	9	85	17,393	42,668
	0%	0%	9%	0%	1%	49%	0%	0%	41%	100%
2000-01	62	50	5,493	29	1,901	22,468	25	130	19,459	49,617
	0%	0%	11%	0%	4%	45%	0%	0%	39%	100%
2001-02	97	274	6,193	91	4,404	27,417	3	191	22,557	61,228
	0%	0%	10%	0%	7%	45%	0%	0%	37%	100%
2002-03	337	530	10,252	59	9,177	31,916		253	21,823	74,348
	0%	1%	14%	0%	12%	43%		0%	29%	100%

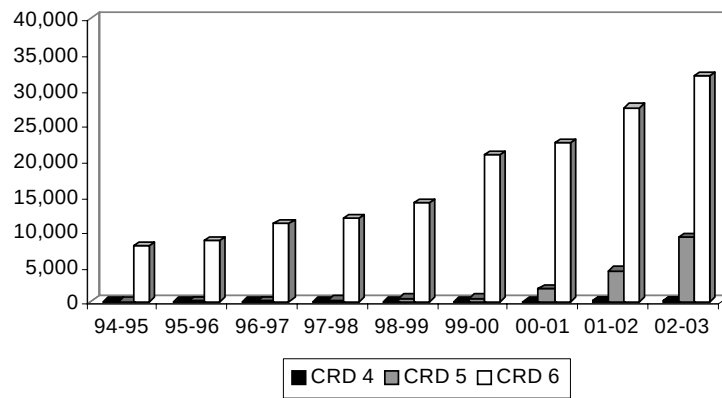


SOYBEAN SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

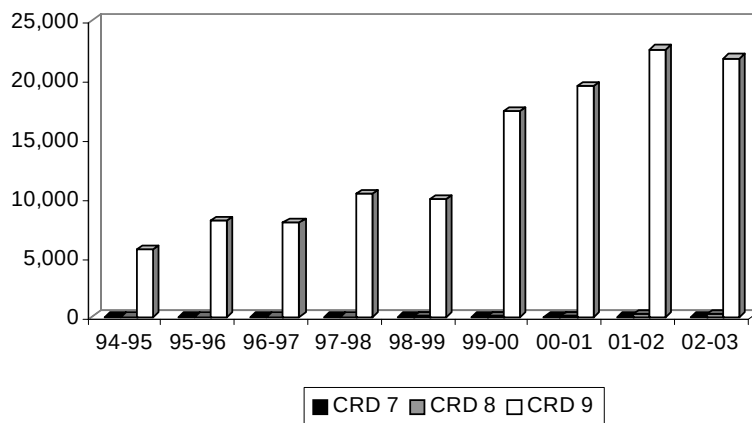
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





Corn

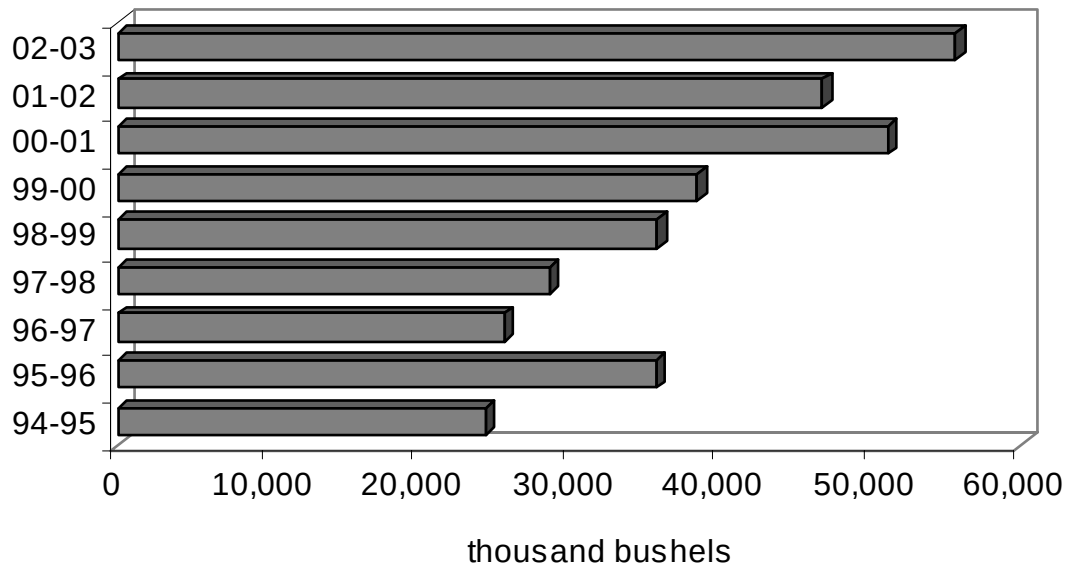
**NORTH DAKOTA CORN SHIPMENTS
BY DESTINATION
thousand bu.**

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
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	7,012	9,177	8,859	430	1,909	6,934	35,886
	4%	20%	26%	25%	1%	5%	19%	100%
1999-00	3,904	5,577	13,084	4,401	1,145	1,273	9,141	38,525
	10%	14%	34%	11%	3%	3%	24%	100%
2000-01	3,435	3,417	13,604	8,435	2,559	4,585	15,094	51,130
	7%	7%	27%	16%	5%	9%	30%	100%
2001-02	2,793	318	5,447	8,997	2,048	1,658	25,565	46,827
	6%	1%	12%	19%	4%	4%	55%	100%
2002-03*	2,849	780	6,158	11,835	1,014	1,246	31,764	55,646
	5%	1%	11%	21%	2%	2%	57%	100%

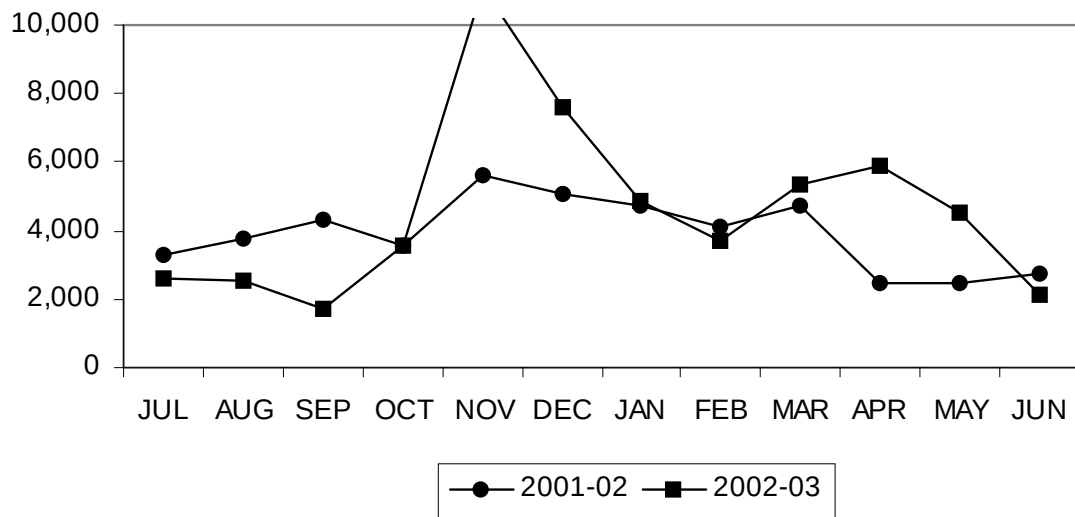
*Results are preliminary.

CORN SHIPMENTS

1994-95 to 2002-03



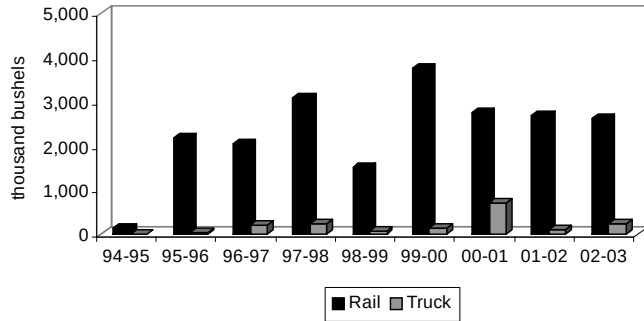
CORN SHIPMENTS by month, 2001-02 to 2002-03



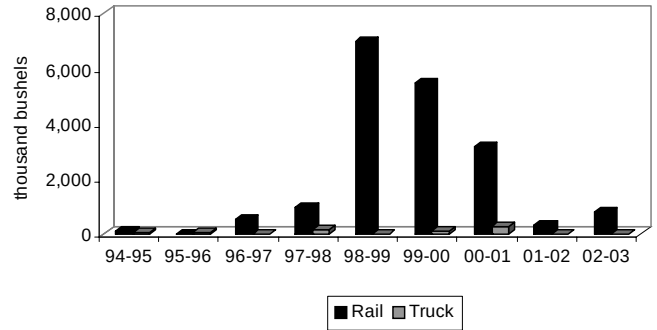
**NORTH DAKOTA CORN SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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
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	7,001	11	9,150	27	3,154	5,705	135	295	1,626	283	3,746	3,187	26,305	9,580
	95%	5%	100%	0%	100%	0%	36%	64%	31%	69%	85%	15%	54%	46%	73%	27%
1999-00	3,766	138	5,502	76	12,976	108	2,269	2,132	848	297	802	470	3,629	5,512	29,791	8,734
	96%	4%	99%	1%	99%	1%	52%	48%	74%	26%	63%	37%	40%	60%	77%	23%
2000-01	2,747	688	3,179	238	13,531	73	1,749	6,686	2,020	538	3,965	620	11,208	3,886	38,400	12,730
	80%	20%	93%	7%	99%	1%	21%	79%	79%	21%	86%	14%	74%	26%	75%	25%
2001-02	2,687	106	314	4	5,410	37	2,349	6,648	1,424	624	1,223	435	17,627	7,938	31,034	15,793
	96%	4%	99%	1%	99%	1%	26%	74%	70%	30%	74%	26%	69%	31%	66%	34%
2002-03	2,629	220	773	7	5,802	355	3,357	8,478	494	520	509	737	21,616	10,148	35,181	20,466
	92%	8%	99%	1%	94%	6%	28%	72%	49%	51%	41%	59%	68%	32%	63%	37%

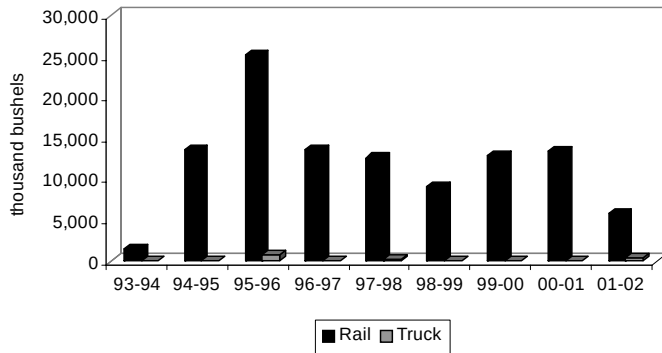
Corn to Minneapolis-St. Paul
1994-95 to 2002-03



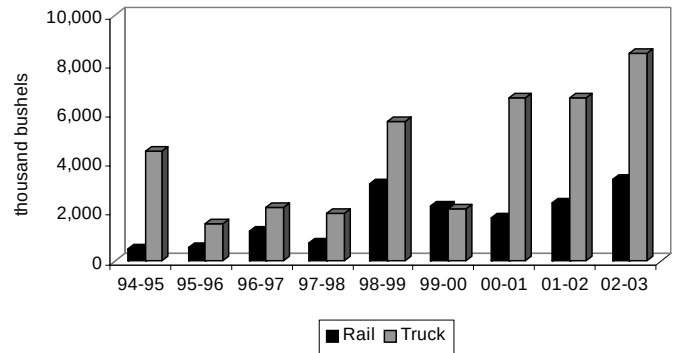
Corn to Duluth-Superior
1994-95 to 2002-03



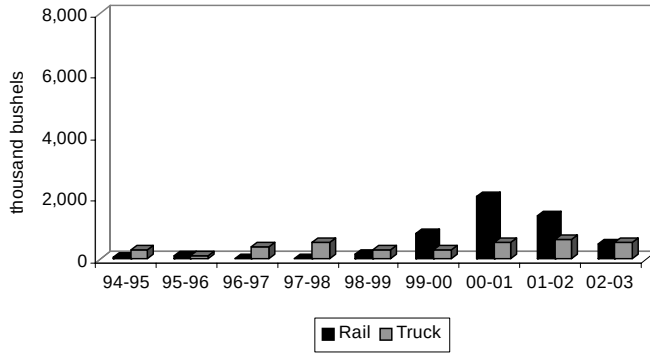
Corn to PNW
1994-95 to 2002-03



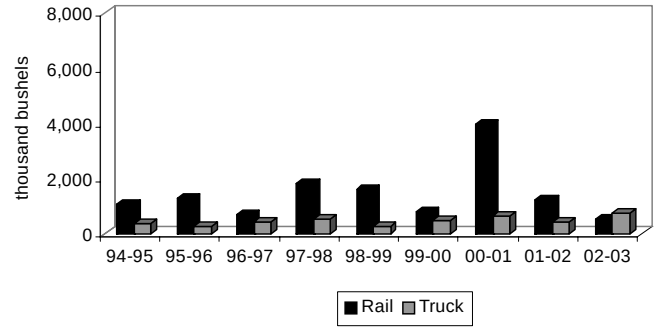
Corn to North Dakota
1994-95 to 2002-03



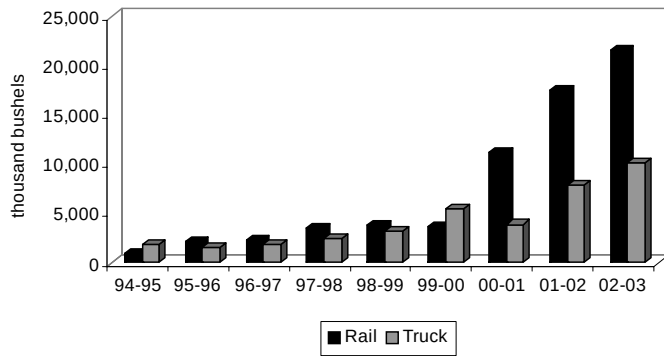
Corn to Other Minnesota & Wisconsin
1994-95 to 2002-03



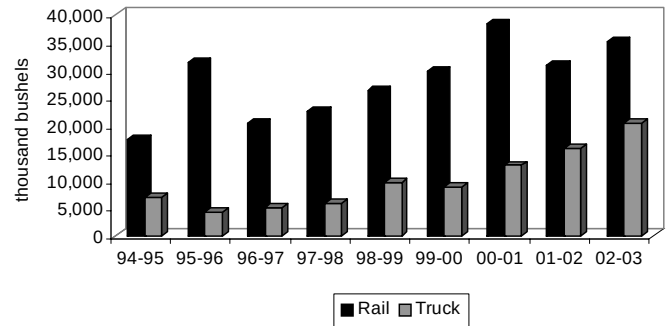
Corn to Midland & Gulf
1994-95 to 2002-03



Corn to Other Markets
1994-95 to 2002-03

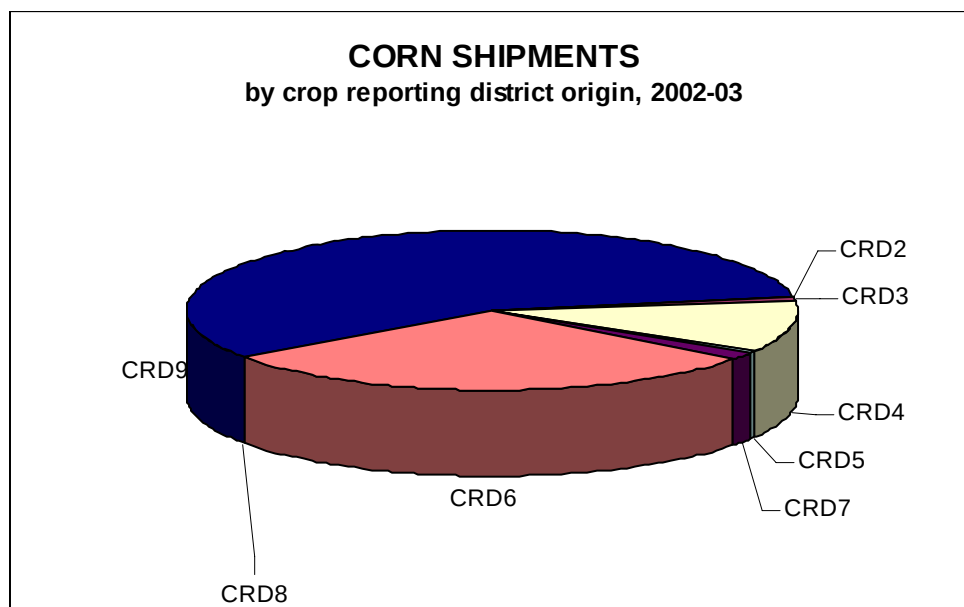


Total Corn Shipments
1994-95 to 2002-03



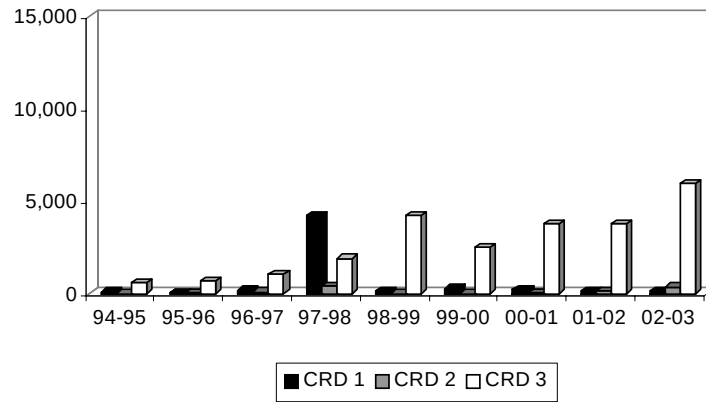
**NORTH DAKOTA CORN SHIPMENTS
BY CROP REPORTING DISTRICT
thousand bu.**

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
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	4,215	2	398	12,477	2	NA	18,616	35,886
	0%	0%	12%	0%	1%	35%	0%	NA	53%	100%
1999-00	283	18	2,438	NA	429	9,365	0	NA	25,992	38,525
	1%	0%	6%	NA	1%	24%	0%	NA	67%	100%
2000-01	222	35	3,751	18	919	14,284	NA	28	31,872	51,130
	0%	0%	7%	0%	2%	28%	NA	0%	62%	100%
2001-02	153	124	3,782	20	989	9,327	16	199	32,218	46,827
	0%	0%	8%	0%	2%	20%	0%	0%	69%	100%
2002-03	113	361	5,929	14	1,074	16,333	2	30	31,790	55,646
	0%	1%	11%	0%	2%	29%	0%	0%	57%	100%

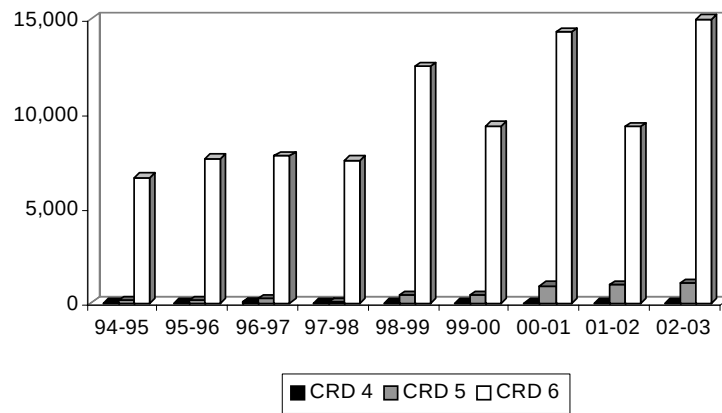


CORN SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

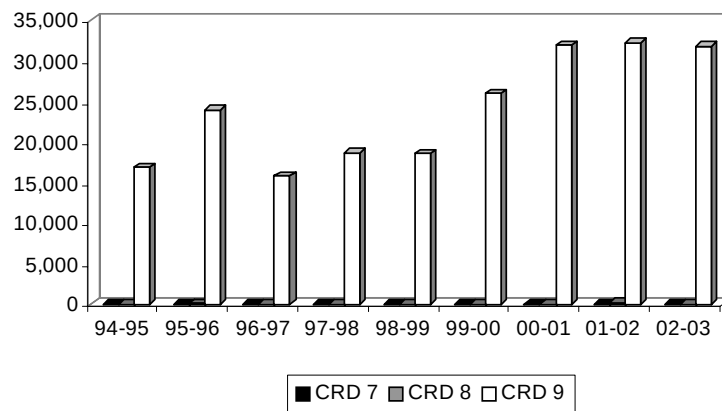
Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts





CANOLA

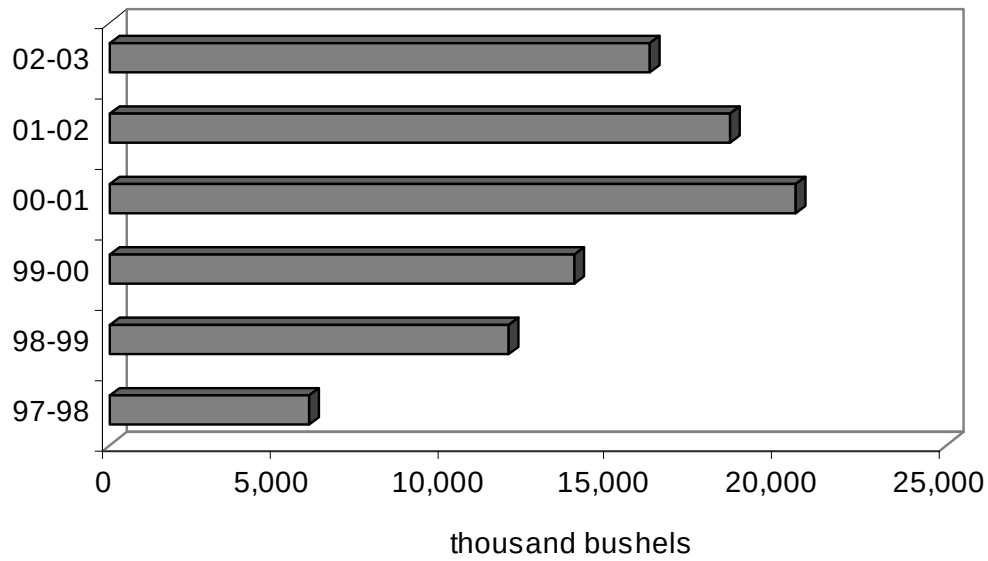
**NORTH DAKOTA CANOLA SHIPMENTS
BY DESTINATION
thousand bu.**

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	233	1,685	0	7,422	54	1	2,546	11,941
	2%	14%	0%	62%	0%	0%	21%	100%
1999-00	429	111	38	10,547	19	3	2,879	14,026
	3%	1%	0%	75%	0%	0%	21%	100%
2000-01	794	594	56	13,225	171	14	5,613	20,468
	4%	3%	0%	65%	1%	0%	27%	100%
2001-02	309	53	11	11,183	58	29	6,885	18,527
	2%	0%	0%	60%	0%	0%	37%	100%
2002-03*	1,716	37	0	9,101	91	0	5,177	16,122
	11%	0%	0%	56%	1%	0%	32%	100%

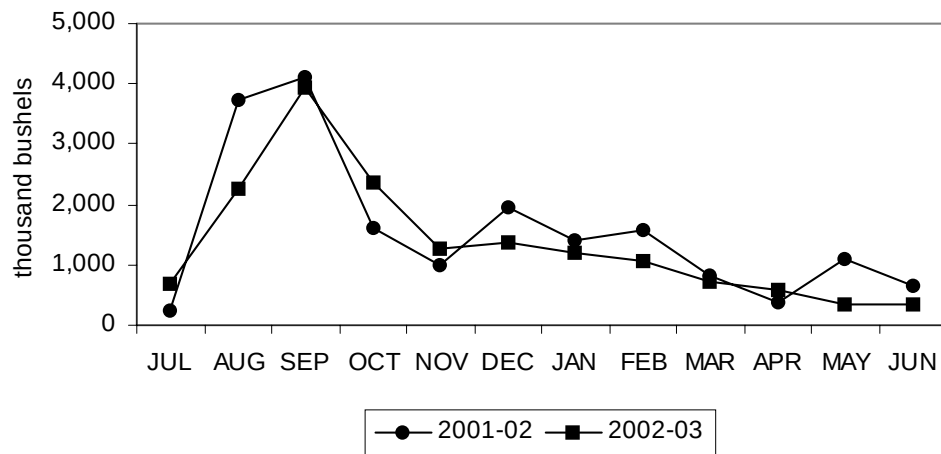
*Results are preliminary.

CANOLA SHIPMENTS

1997-98 to 2002-03



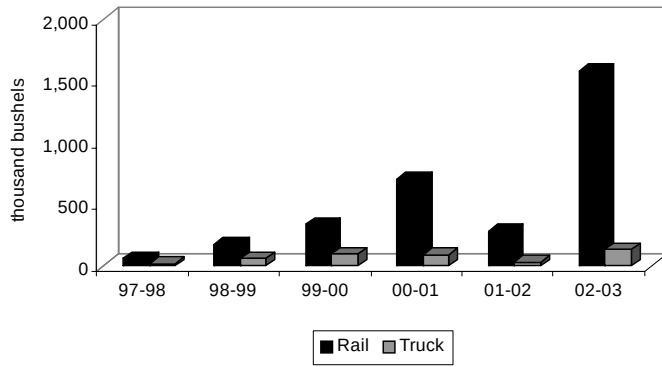
CANOLA SHIPMENTS by month, 2001-02 to 2002-03



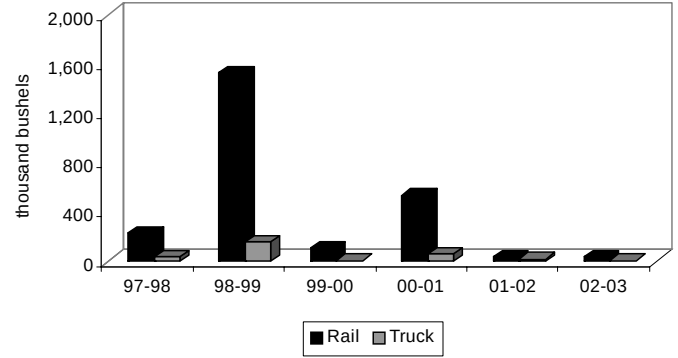
**NORTH DAKOTA CANOLA SHIPMENTS
BY RAIL, TRUCK AND DESTINATION
thousand bu.**

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	176	57	1,532	153	0	0	554	6,867	54	0	0	1	481	2,065	2,798	9,143
	76%	24%	91%	9%	0%	0%	7%	93%	100%	0%	8%	92%	19%	81%	23%	77%
1999-00	335	94	106	6	0	38	1,739	8,807	0	19	0	3	320	2,559	2,500	11,527
	78%	22%	95%	5%	0%	100%	16%	84%	0%	100%	0%	100%	11%	89%	18%	82%
2000-01	706	89	534	60	14	42	3,642	9,584	126	45	14	0	2,382	3,231	7,417	13,051
	89%	11%	90%	10%	25%	75%	28%	72%	74%	26%	100%	0%	42%	58%	36%	64%
2001-02	281	28	35	18	0	11	3,329	7,854	52	6	20	8	1,893	4,992	5,609	12,918
	91%	9%	66%	34%	0%	100%	30%	70%	89%	11%	71%	29%	27%	73%	30%	70%
2002-03	1,588	128	36	2	0	0	2,026	7,074	3	88	0	0	1,370	3,807	5,023	11,099
	93%	7%	95%	5%	0%	0%	22%	78%	4%	96%	0%	0%	26%	74%	31%	69%

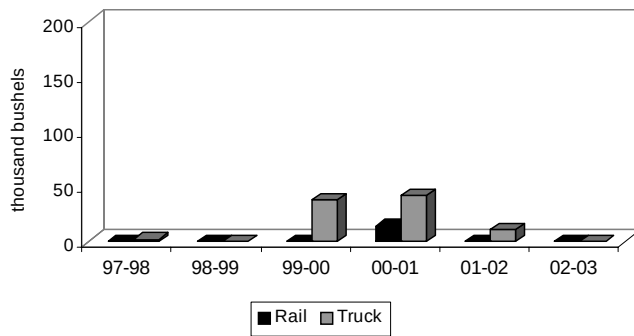
Canola to Minneapolis-St. Paul
1997-98 to 2002-03



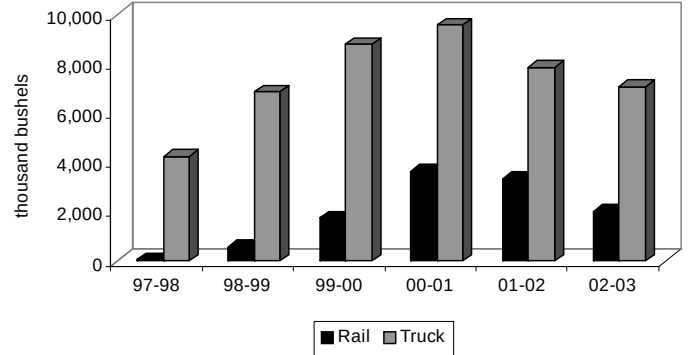
Canola to Duluth-Superior
1997-98 to 2002-03



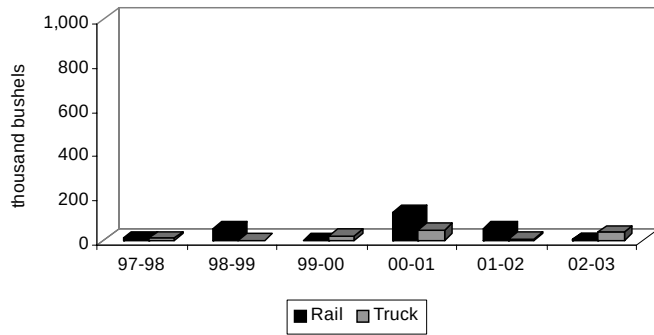
Canola to PNW
1997-98 to 2002-03



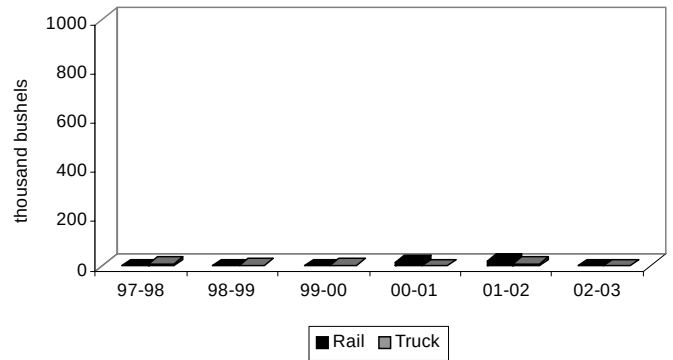
Canola to North Dakota
1997-98 to 2002-03



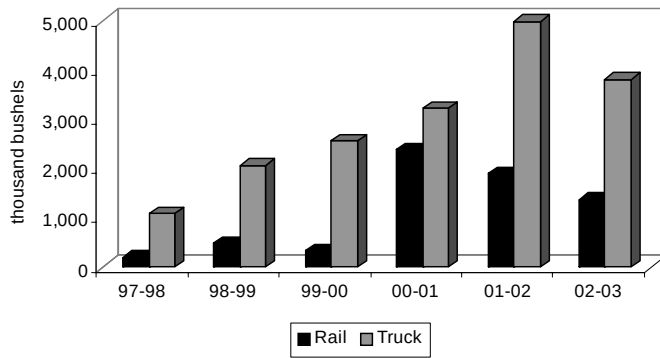
Canola to Other Minnesota & Wisconsin
1997-98 to 2002-03



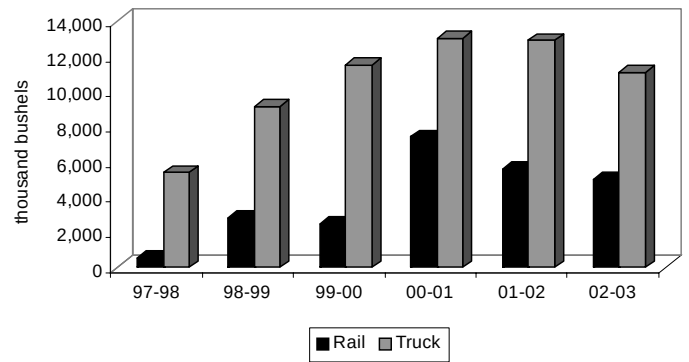
Canola to Midland & Gulf
1997-98 to 2002-03



Canola to Other Markets
1997-98 to 2002-03

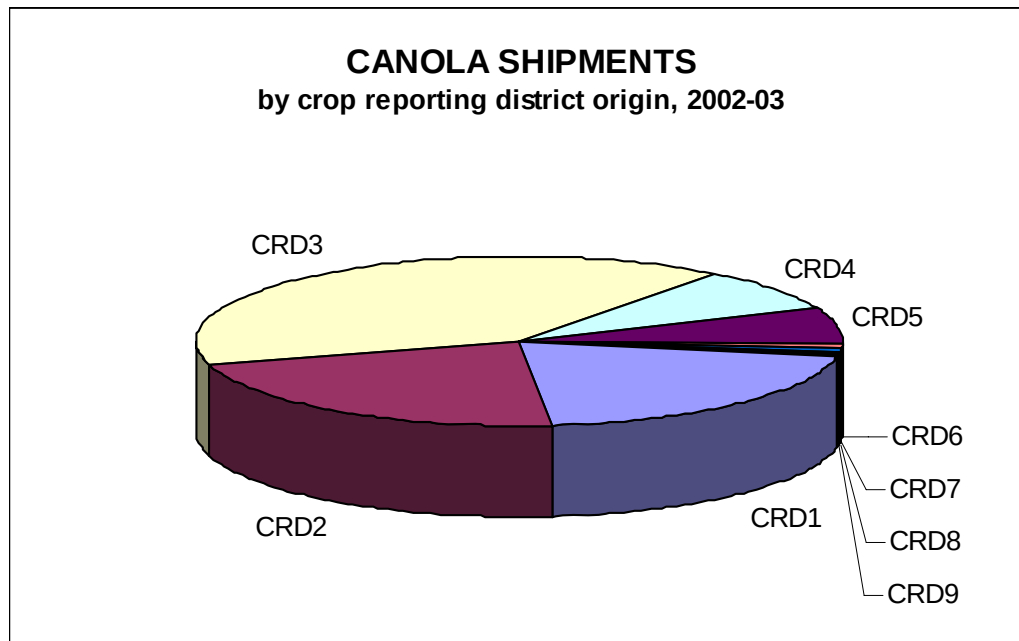


Total Canola Shipments
1997-98 to 2002-03



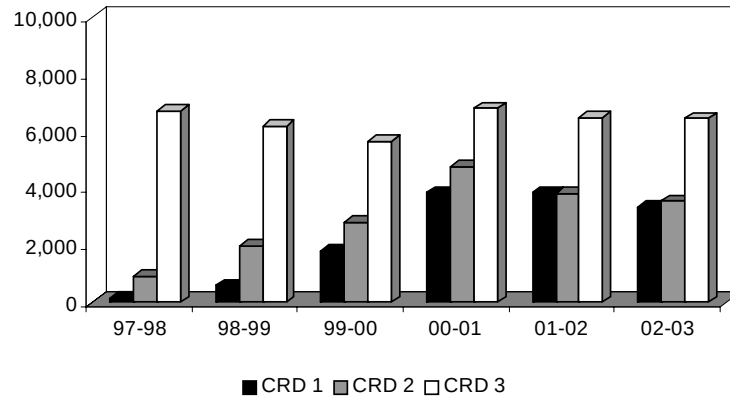
**NORTH DAKOTA CANOLA SHIPMENTS
BY CROP REPORTING DISTRICT
thousand bu.**

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	589	1,972	6,194	393	1,008	1,296	82	235	173	11,941
	5%	17%	52%	3%	8%	11%	1%	2%	1%	100%
1999-00	1,802	2,811	5,653	865	1,843	531	225	88	208	14,026
	13%	20%	40%	6%	13%	4%	2%	1%	1%	100%
2000-01	3,846	4,780	6,799	1,717	1,704	462	409	182	569	20,468
	19%	23%	33%	8%	8%	2%	2%	1%	3%	100%
2001-02	3,857	3,800	6,494	1,569	1,576	216	462	300	253	18,527
	21%	21%	35%	8%	9%	1%	2%	2%	1%	100%
2002-03	3,330	3,546	6,441	1,330	1,125	138	139	10	62	16,122
	21%	22%	40%	8%	7%	1%	1%	0%	0%	100%

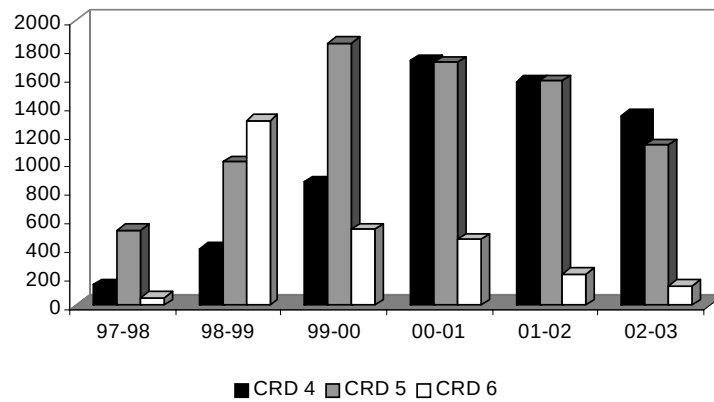


CANOLA SHIPMENTS BY CROP REPORTING DISTRICT (Thousand Bushels)

Northern Crop Reporting Districts



Central Crop Reporting Districts



Southern Crop Reporting Districts

