

**Annual North Dakota Elevator  
Marketing Report, 1994-95**

Scott Andreson  
Kimberly Vachal

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September 1995

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MARKETING REPORT, 1994-95**

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in cooperation with

**North Dakota Wheat Commission  
North Dakota Public Service Commission  
North Dakota Grain Dealers Association**

and

Special thanks to the **North Dakota Elevator Industry** who provide these data monthly.

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## Overview

The *Annual North Dakota Elevator Marketing Report for 1994-95* was prepared by Scott Andreson and Kimberly Vachal, Upper Great Plains Transportation Institute. The authors gratefully acknowledge the assistance of the North Dakota Grain Dealers Association, the North Dakota Wheat Commission, and the North Dakota Public Service Commission in compiling this report.

The objective of this report is to provide a benchmark for elevator managers in assessing performance, and supply a source for recognizing trends in the characteristics of North Dakota elevators. This report and the statistics mailed to individual elevators are presented as a source of information for elevator managers and those interested in the North Dakota grain industry. Continuation of the report as an annual project will be considered based on public response.

## Source of Data

The distribution and shipment data in this report was developed from the Public Service Commission reports that require elevators to report monthly movements of grains and oilseeds by truck and rail. The storage capacities reported to the ND PSC were used to calculate the turnover ratios. **1994-95 numbers represent 99 percent of the required reports.**

## Scope of Report

Data are tabulated according to elevator type to provide general information on characteristics that describe commodity flows or provide a benchmark for elevators.

- **Turnover:** Equal to the ratio of volume of grain handled to the storage capacity available.
- **Destination:** Duluth-Superior, Minneapolis-St. Paul (include other MN and WI), PNW, Midland-Southwest, North Dakota, and miscellaneous markets.
- **Origin:** Nine crop reporting districts.
- **Mode:** Truck or rail.
- **Elevator Size:** Elevators are stratified into four groups based on the number of cars an elevator can load without railroad switching services (1) Single Car (1 to 24 cars), (2) Multiple Car (25 to 49 cars), (3) Unit Train (more than 49 cars), and (4) No Rail.
- **Time:** Crop year, from July 1994 to June 1995.
- **Commodity:** Hard red spring wheat, durum, barley, sunflowers, oats, soybeans, flaxseed, and corn.

## Organization of the Report

Five groups of data will be presented this report: (1) individual elevator performance (eg. turnover) and distribution information (due to confidentiality agreements, each elevator receives individual data on only its own activities), (2) storage capacity, volume handled, and turnover ratios by elevator size and for each crop reporting district, (3) elevator distribution and modal choice for the state, (4) destination information for each of the state's nine crop reporting districts and each of the commodities, (5) modal selection for each of the crop reporting districts and for each commodity marketed. Elevator managers will be able to compare their performance to that of similar elevators (eg. size and location).

## Definition of Elevator Summary Variables

---

**Storage:** Bushels of storage as reported by the elevator to the ND PSC.

**Turnover Ratio:** Ratio of grain and oilseed shipments to available storage capacity.

**Elevator Size:**

No Rail Elevator:	Elevator with no rail service
Single Car Elevator:	Elevator with track space for 1 to 24 cars
Multi Car Elevator:	Elevator with track space for 25 to 49 cars
Unit Train Elevator:	Elevator with track space for 50 cars or more

Information used in the reports was based on railroad and ND PSC data. Track space refers to the number of cars that can be loaded without railroad switching assistance.

### Mode for Grain & Oilseed Shipments by Rail:

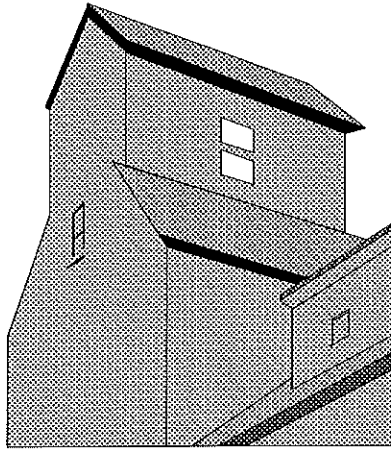
Single Car Shipments:	Car orders purchased under rates for 1 to 24 cars
25 to 49 Car Shipments:	Car orders purchased under rates for 25 to 49 cars
50 Car Shipments:	Car orders purchased under rates for 50 or more cars

Information used in reports was based on the monthly grain and oilseed movement and storage reports that elevators submit to the ND PSC.

### Destinations for Grain and Oilseed Shipments:

Destinations for grain and oilseed shipments, reported by the elevators in the monthly reports, are not final destinations for shipments. The destinations reported for rail shipments are the Waybill destinations. The destinations for truck shipments are reported as they are specified on the billing statement.

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# North Dakota Elevators, 1994-95

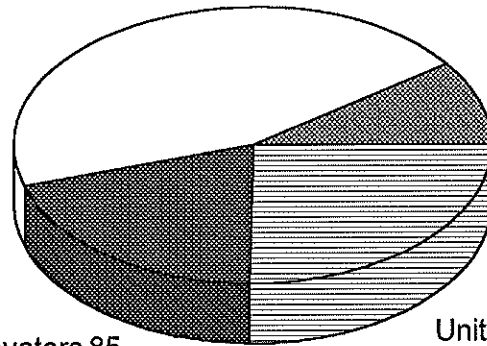
Storage: 260,389 Thousand Bu.

Grain Handled: 529,119 Thousand Bu.

Median Turnover: 2.01

## Elevator Categories

Single Car Elevators 190



No Rail Elevators 42

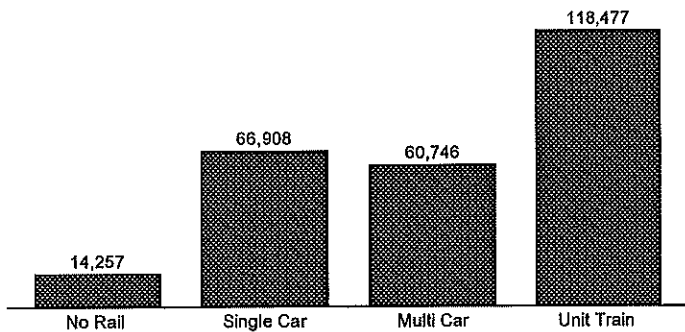
Multi Car Elevators 85

Unit Train Elevators 107

Note: Elevator categories are based on the number of rail cars an elevator can load without railroad switching assistance (pg iv).

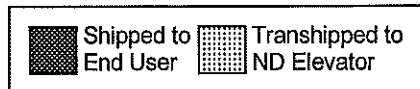
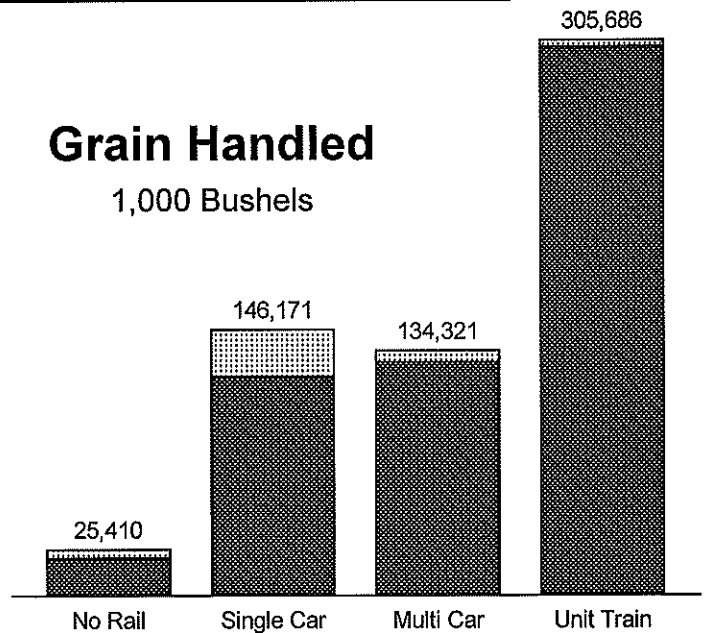
## Storage Capacity

1,000 Bushels



## Grain Handled

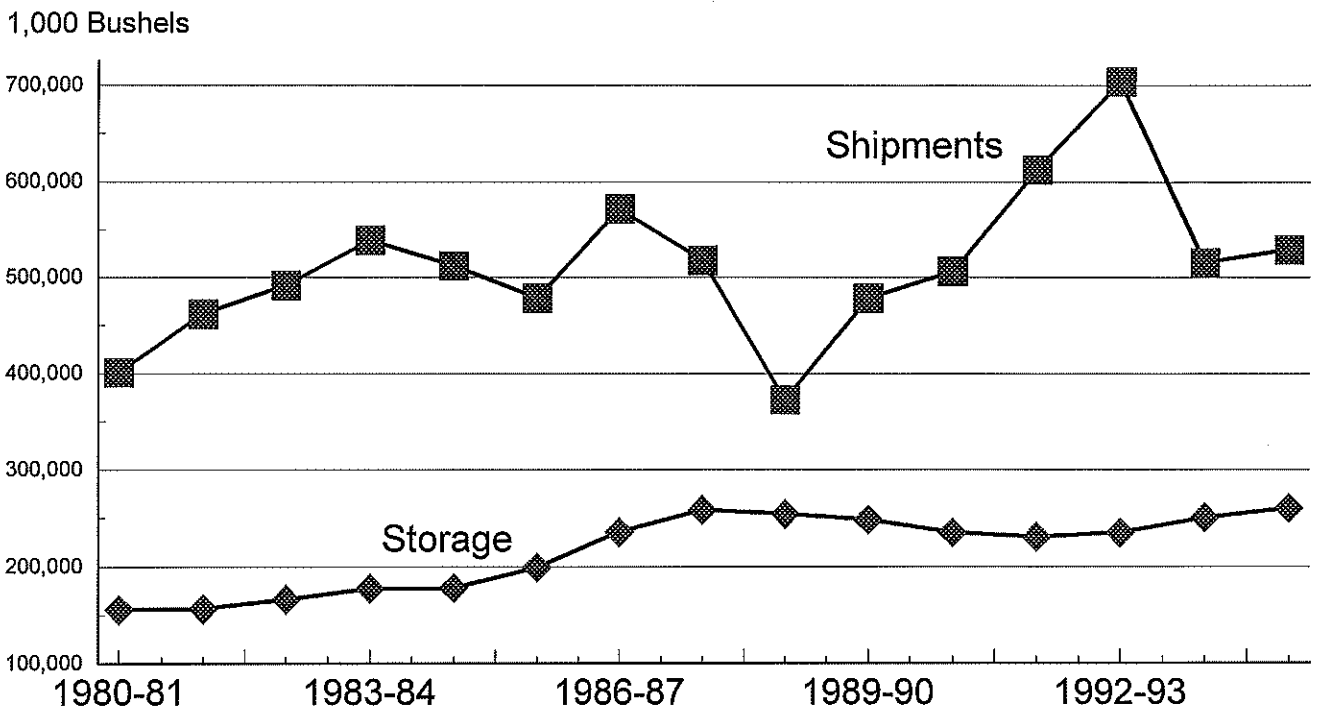
1,000 Bushels



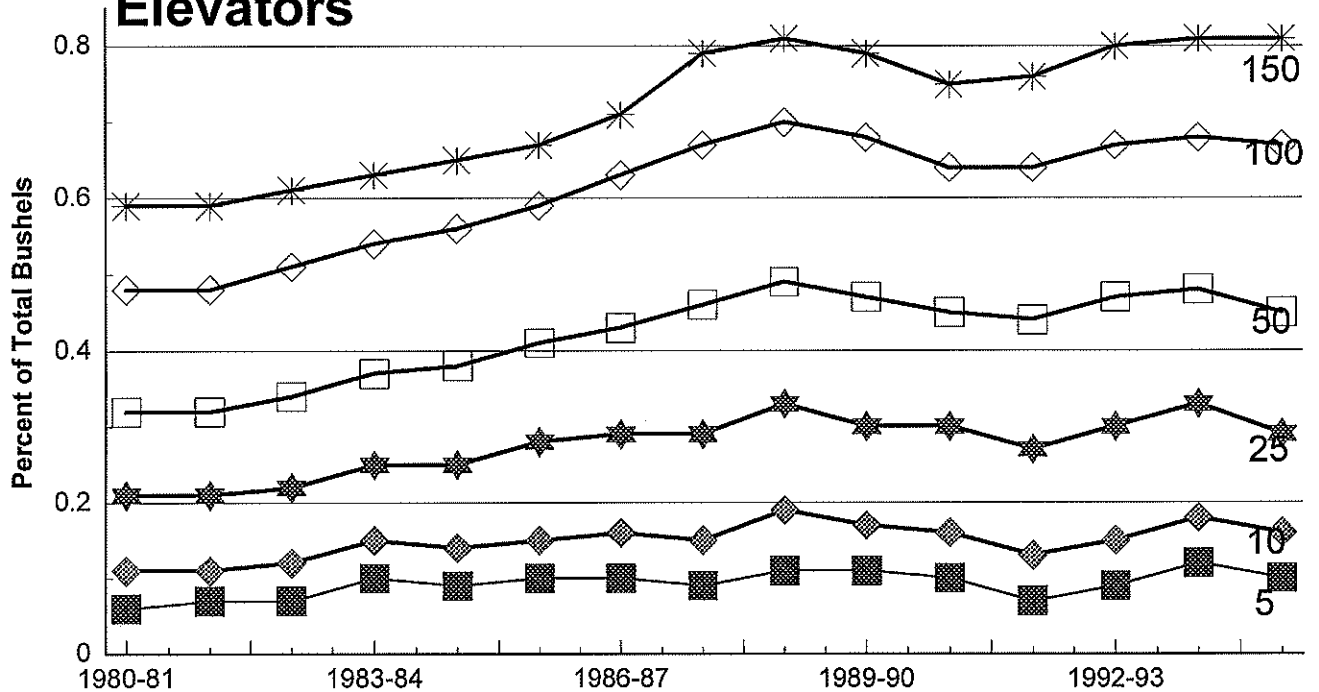




## Storage and Total Grain Shipments for North Dakota Elevators

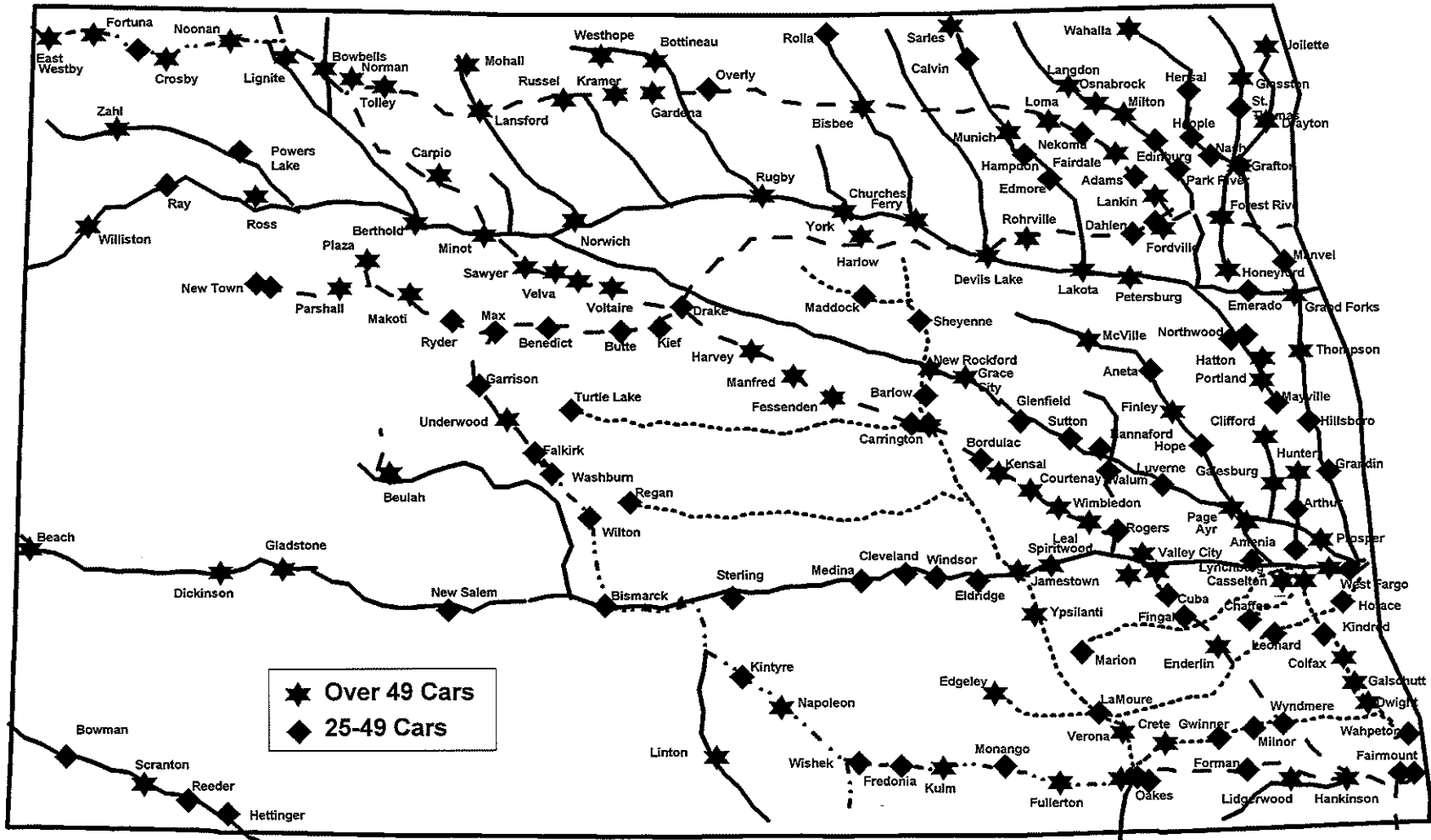


## Concentration Ratios for North Dakota's 5, 10, 25, 50, 100, and 150 Largest Volume Elevators





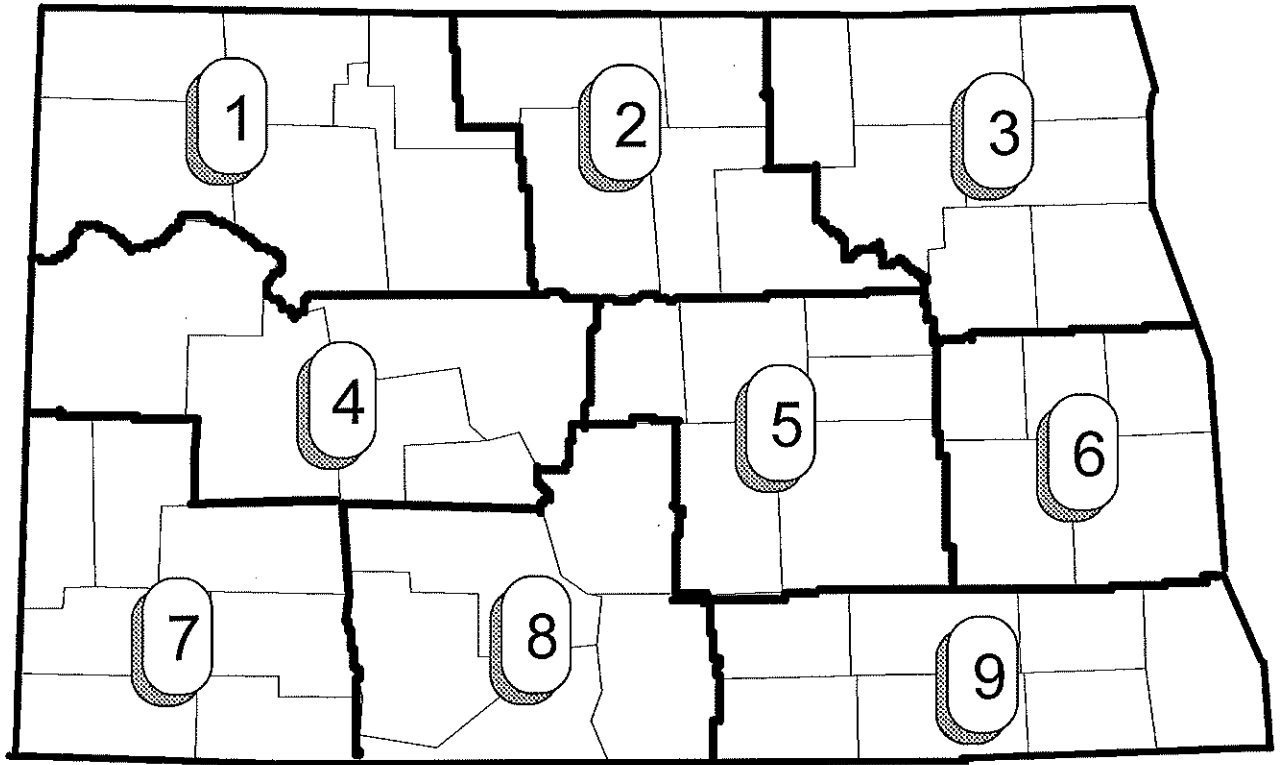
# NORTH DAKOTA MULTI & UNIT CAR LOADING STATIONS, 1995



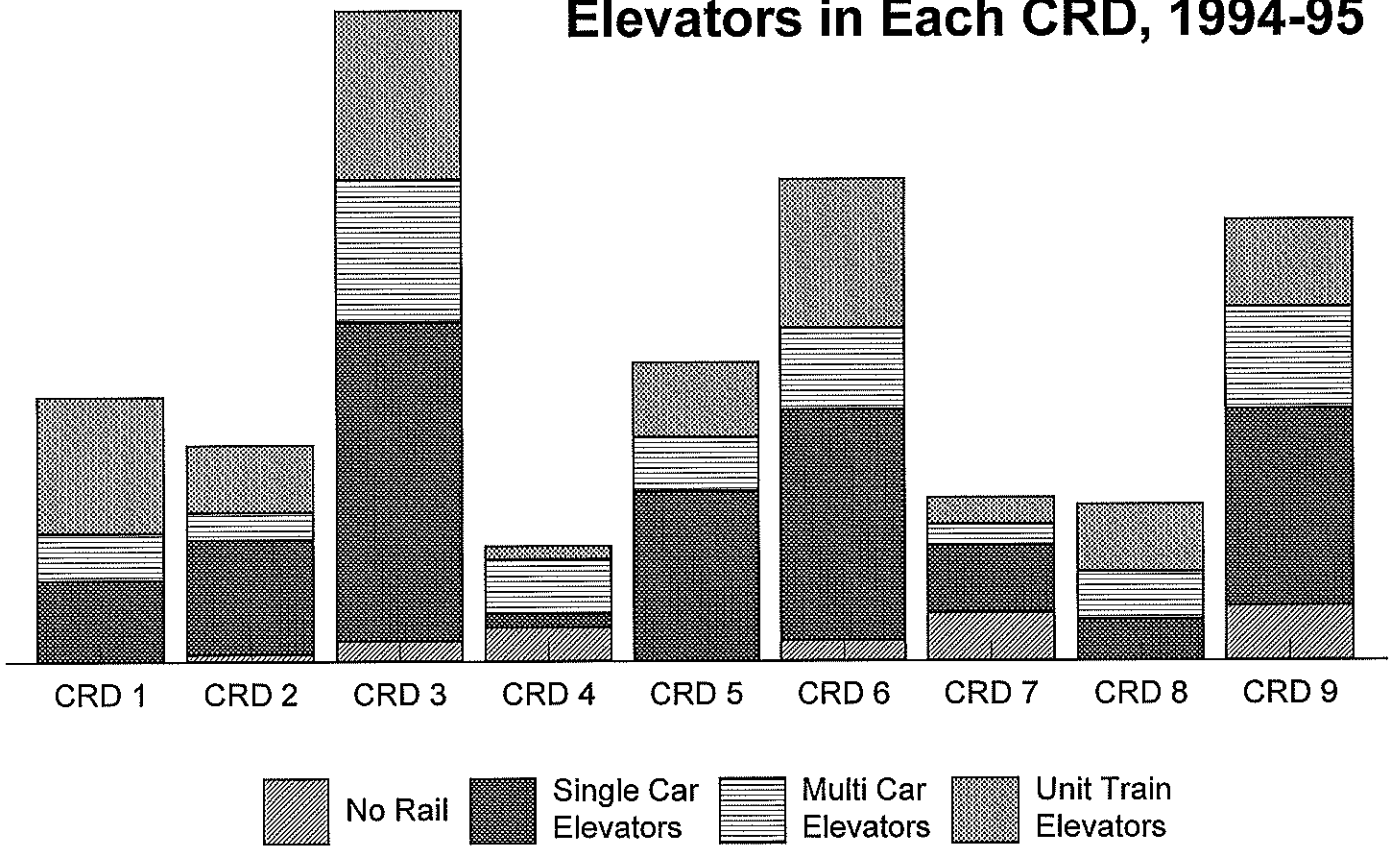
Burlington Northern	—————	Red River Valley & Western	.....
CP Rail	- - - - -	Dakota, Missouri Valley & Western	- · - · - ·



# NORTH DAKOTA CROP REPORTING DISTRICTS



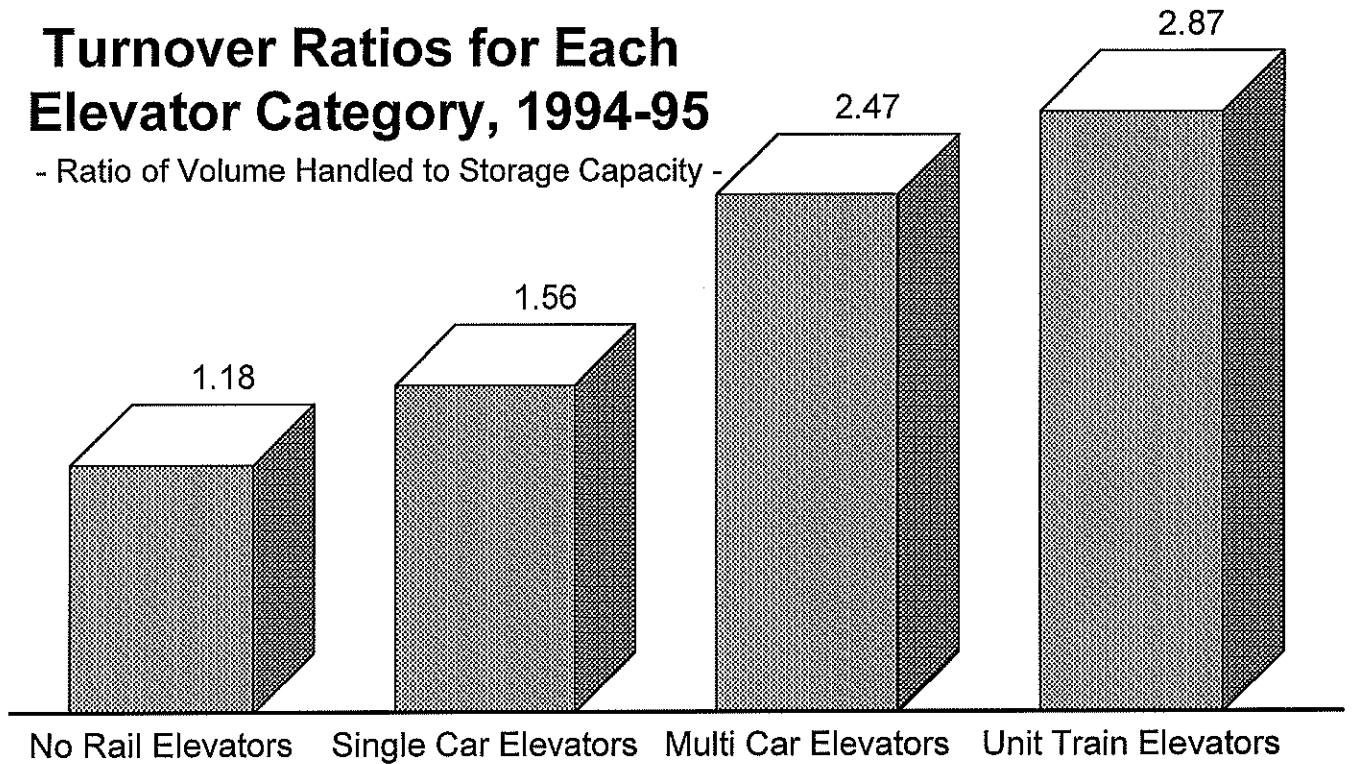
## Elevators in Each CRD, 1994-95





## Turnover Ratios for Each Elevator Category, 1994-95

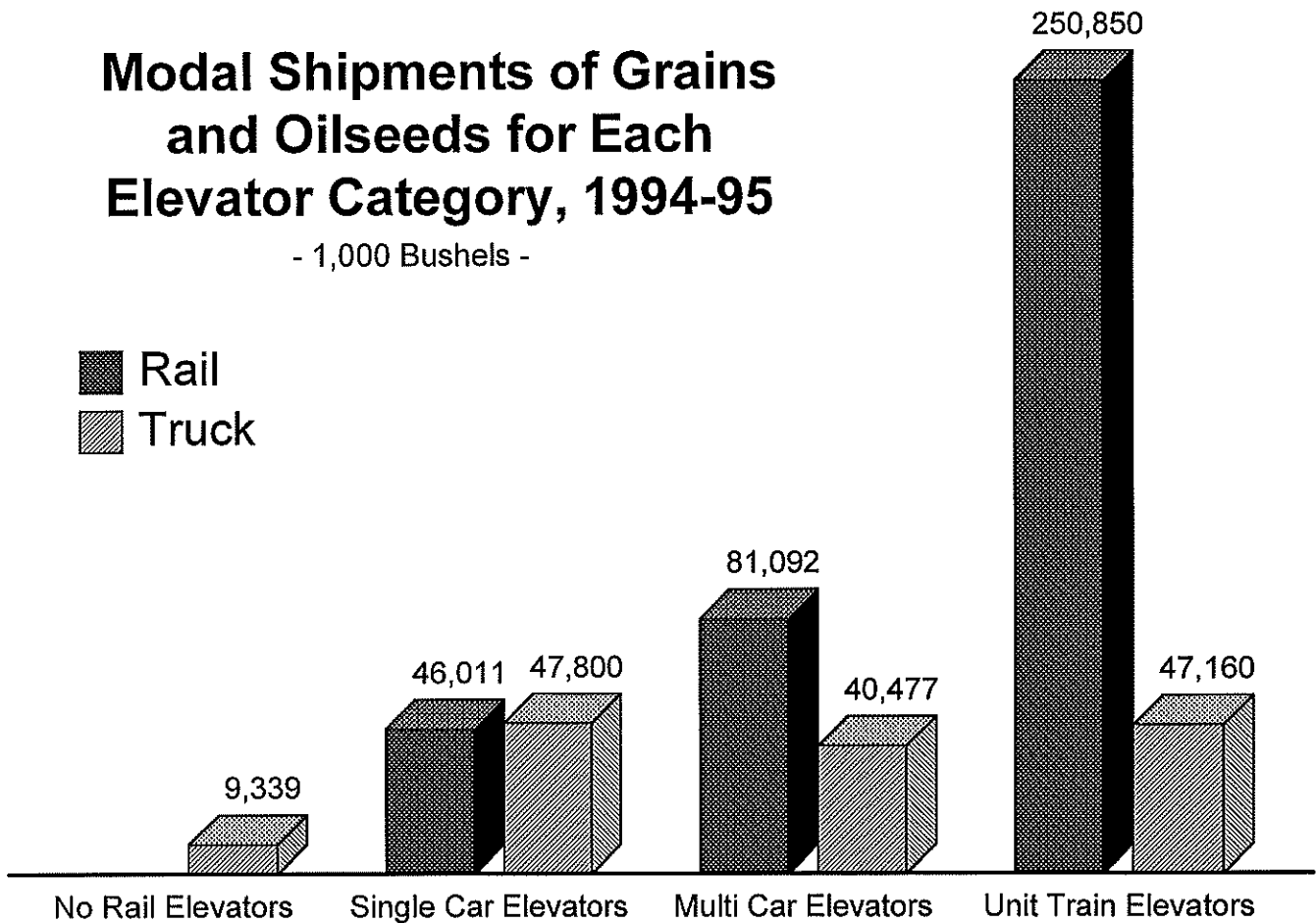
- Ratio of Volume Handled to Storage Capacity -



## Modal Shipments of Grains and Oilseeds for Each Elevator Category, 1994-95

- 1,000 Bushels -

Rail  
 Truck





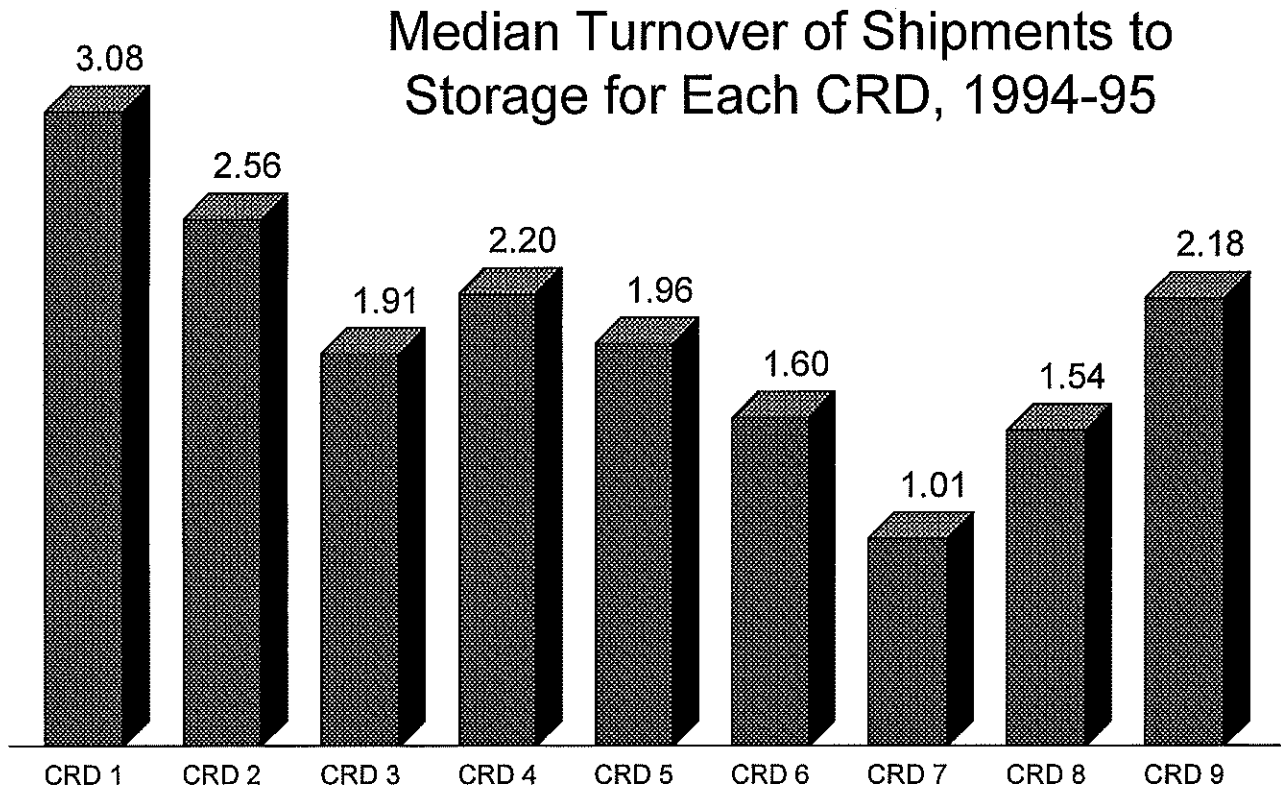


**ND Elevator Shipments, Storage, and Turnover Ratios  
for Each CRD, 1994-95**

CRD	# Elev	Storage Capacity	Total Transhipped <sup>a</sup>	Total Shipments <sup>b</sup>	Median Turnover
1	41	34,712,500	4,997,974	91,367,306	3.08
2	34	15,052,000	3,652,763	49,478,170	2.56
3	98	53,980,900	11,875,320	97,641,888	1.91
4	18	7,768,000	1,050,394	19,720,522	2.20
5	46	37,636,600	8,226,463	48,104,890	1.96
6	72	51,220,300	4,242,989	98,372,799	1.60
7	25	11,305,500	2,511,543	27,531,581	1.01
8	23	7,453,404	2,003,542	12,300,721	1.54
9	67	35,963,070	2,673,196	84,602,109	2.18
All	424	255,092,274	41,234,186	529,119,986	2.01

<sup>a</sup>Grain transhipped to other ND elevators.

<sup>b</sup>Bushels shipped to other ND elevators, processors, and various export points.

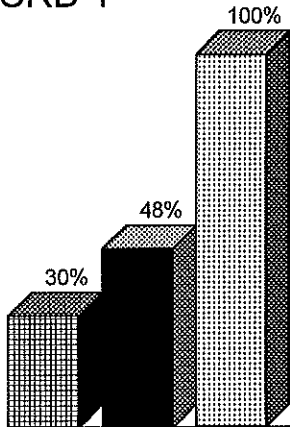




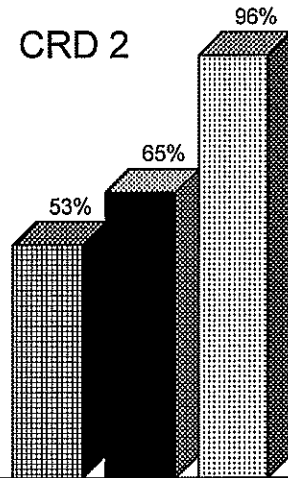
# Percent of Shipments by Rail for Elevators in Each CRD, 1994-95



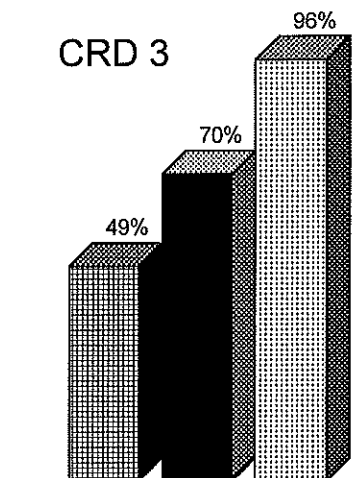
CRD 1



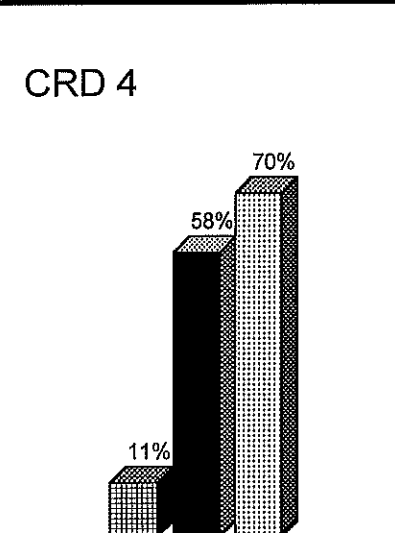
CRD 2



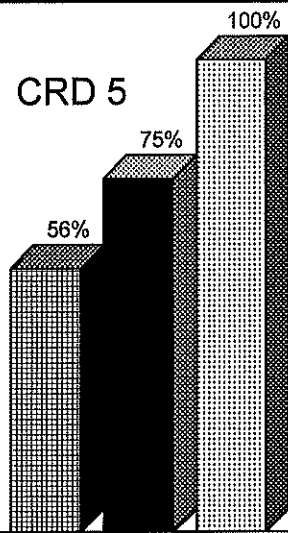
CRD 3



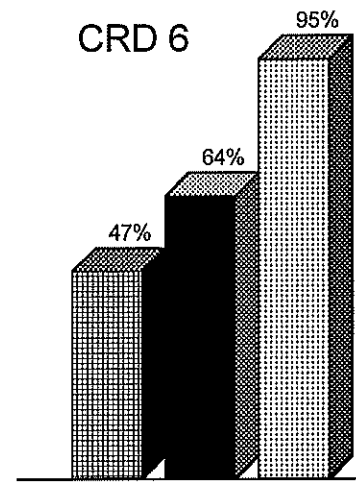
CRD 4



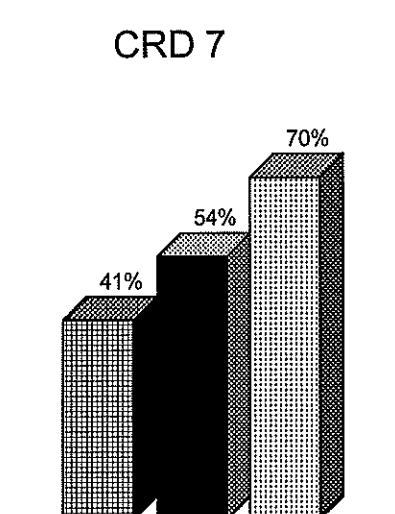
CRD 5



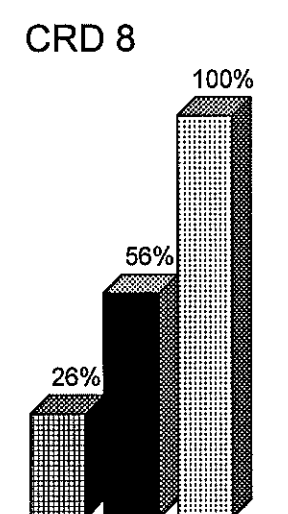
CRD 6



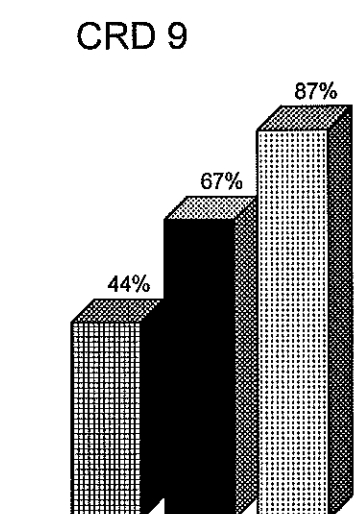
CRD 7



CRD 8

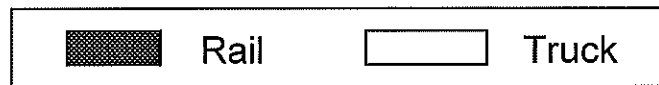
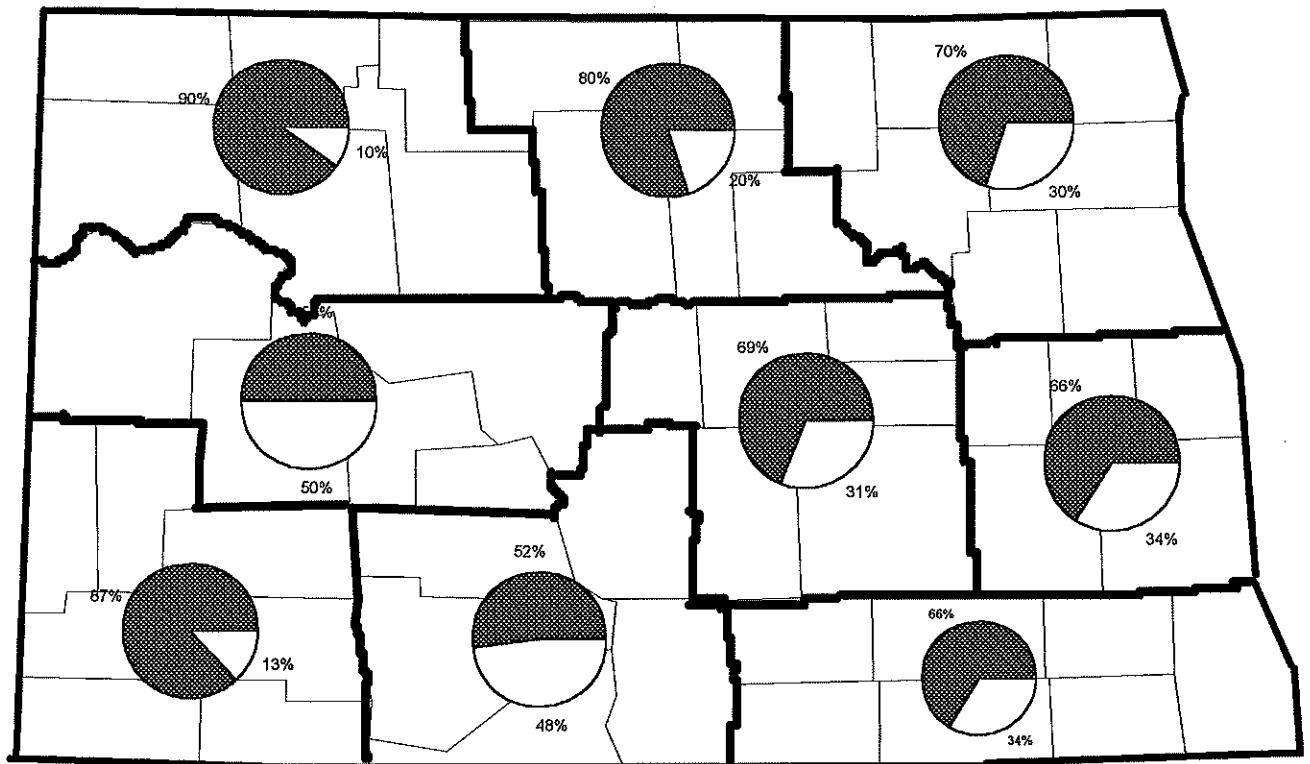


CRD 9



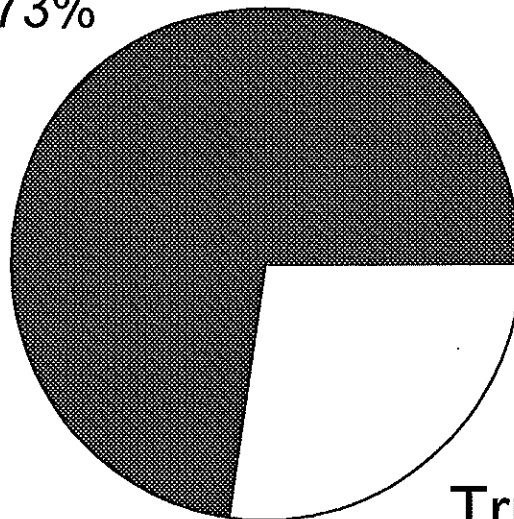


# Modal Share of Grain and Oilseed Shipments from Each CRD, 1994-95



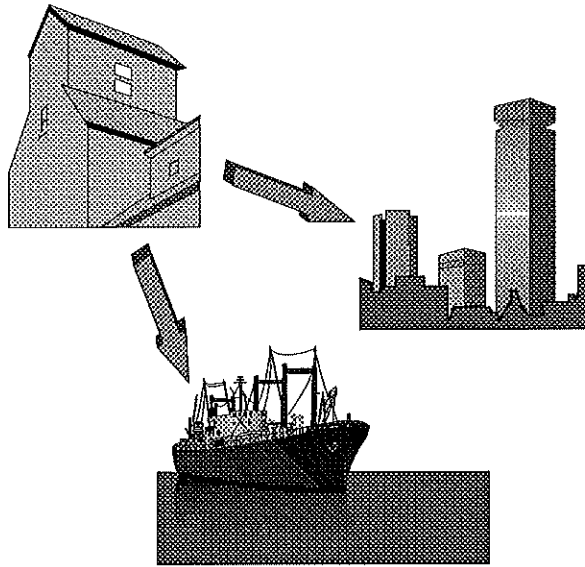
## Rail/Truck Share of Grain and Oilseed Shipments from ND, 1994-95

Rail 73%



Truck 27%

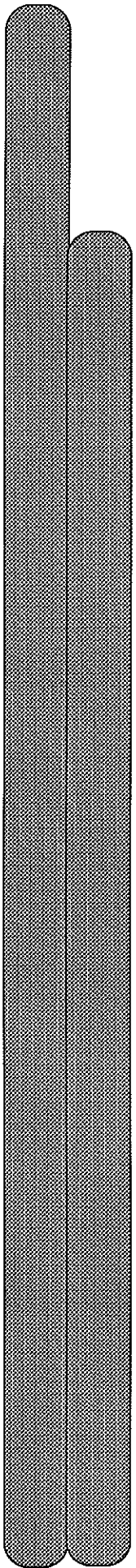




## **DESTINATIONS FOR GRAIN AND OILSEED SHIPMENTS ORIGINATING FROM NORTH DAKOTA ELEVATORS**

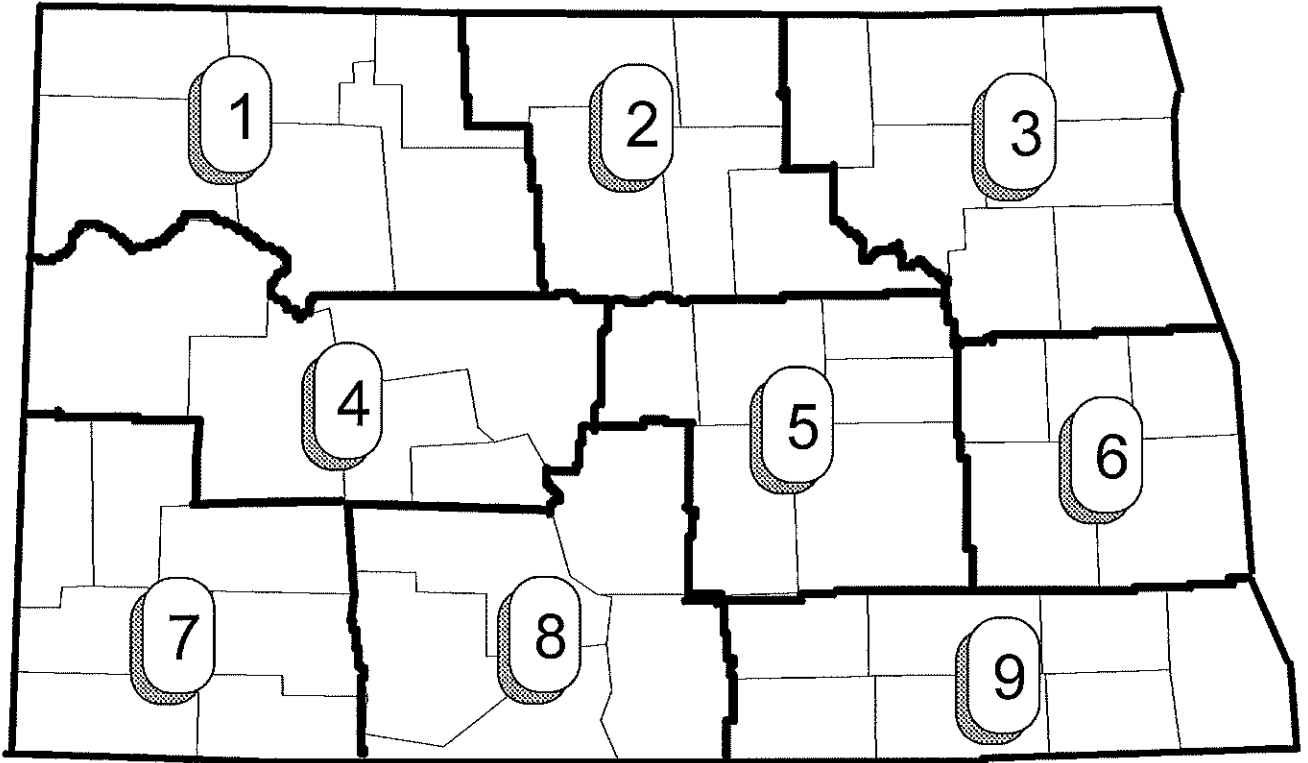




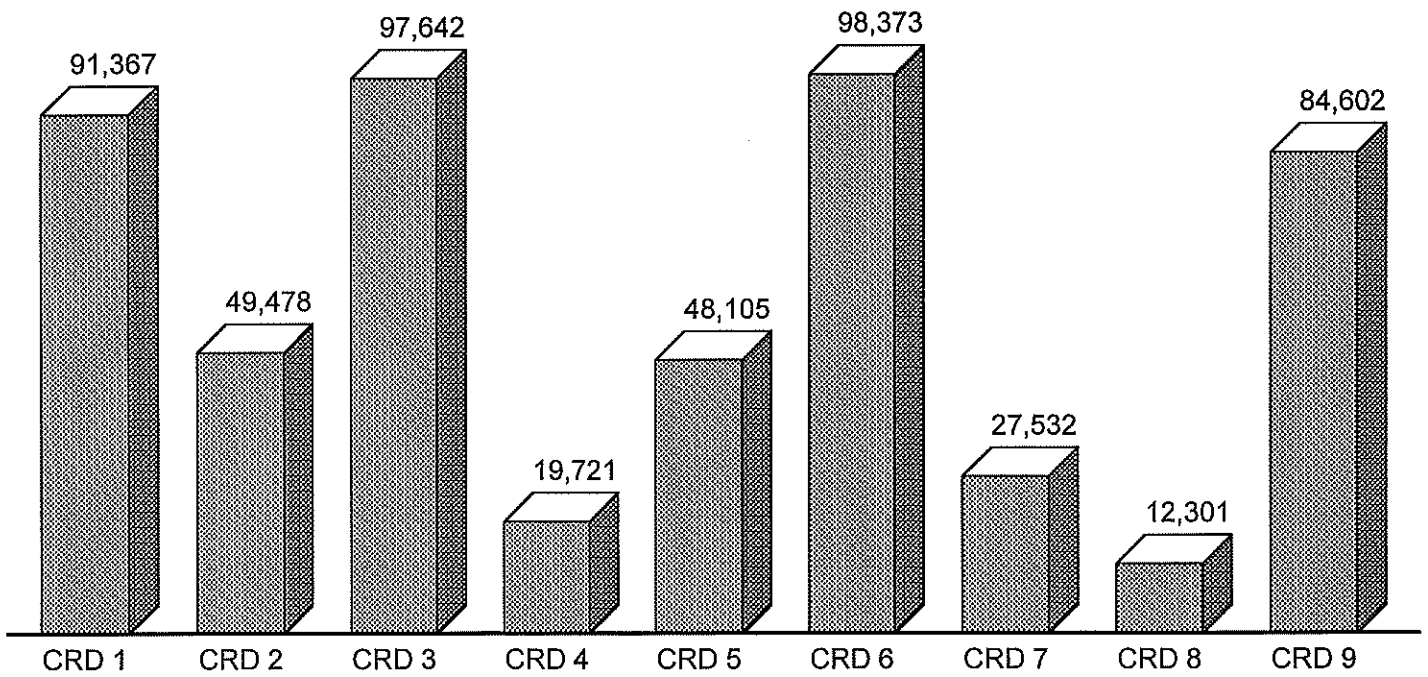


## All Grains and Oilseeds

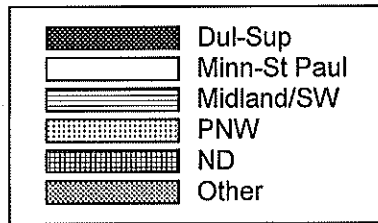
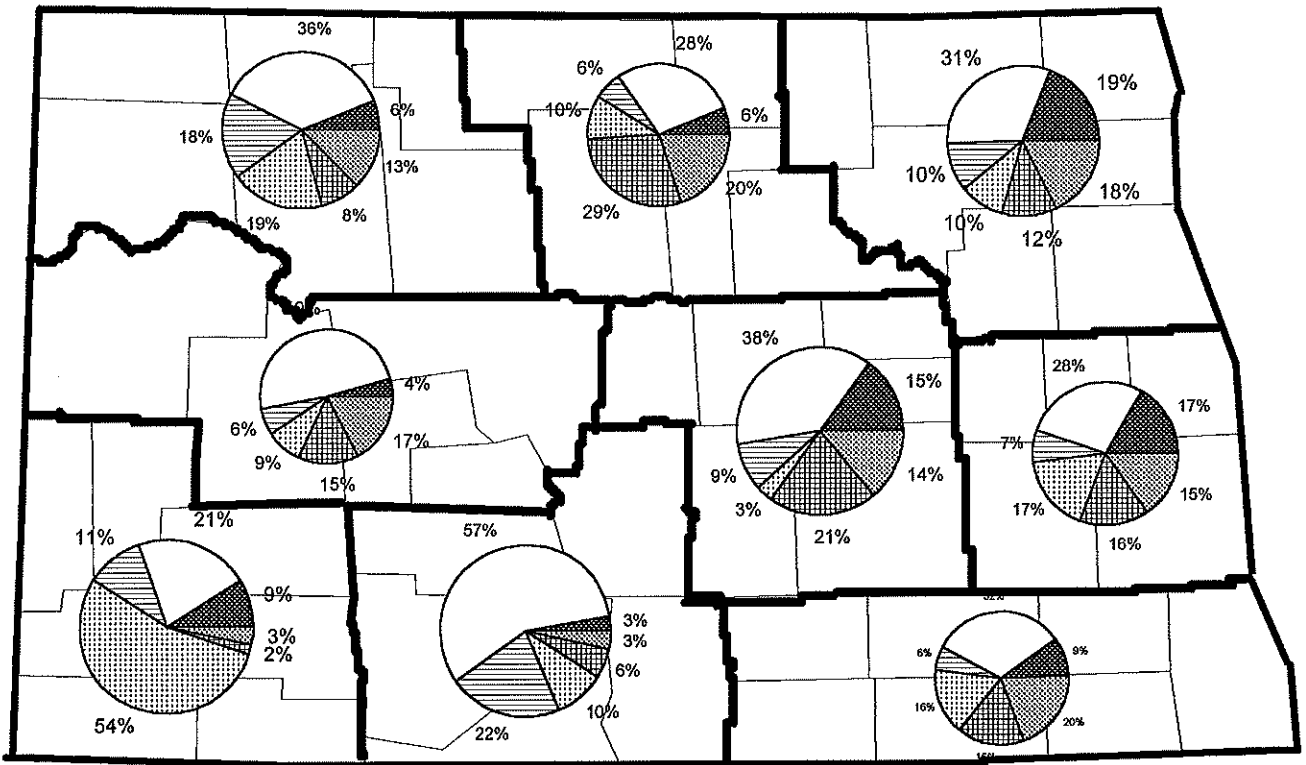
# NORTH DAKOTA CROP REPORTING DISTRICTS



## Grain & Oilseed Shipments Originating from Each CRD, 1994-95 - 1,000 Bushels -

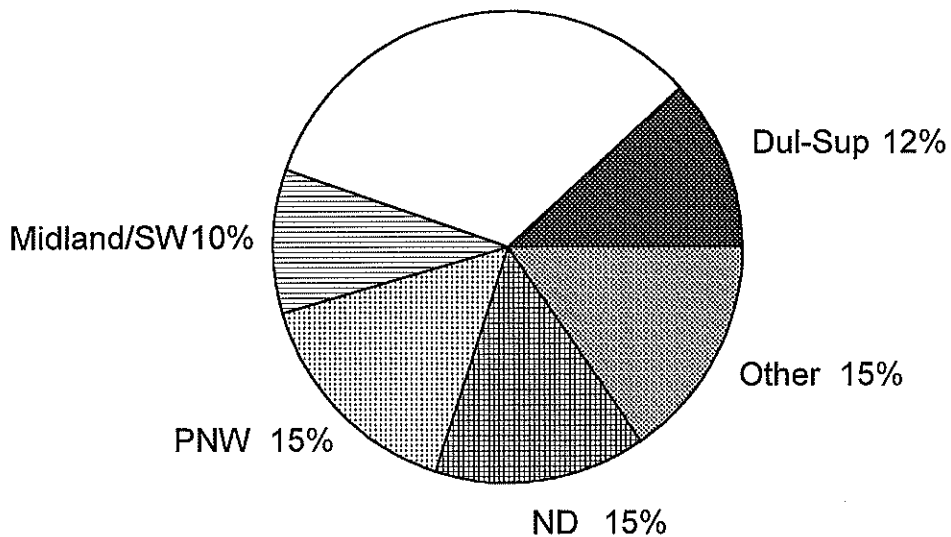


# Destinations for Grain and Oilseed Shipments from Each CRD, 1994-95



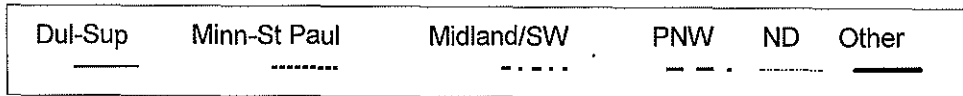
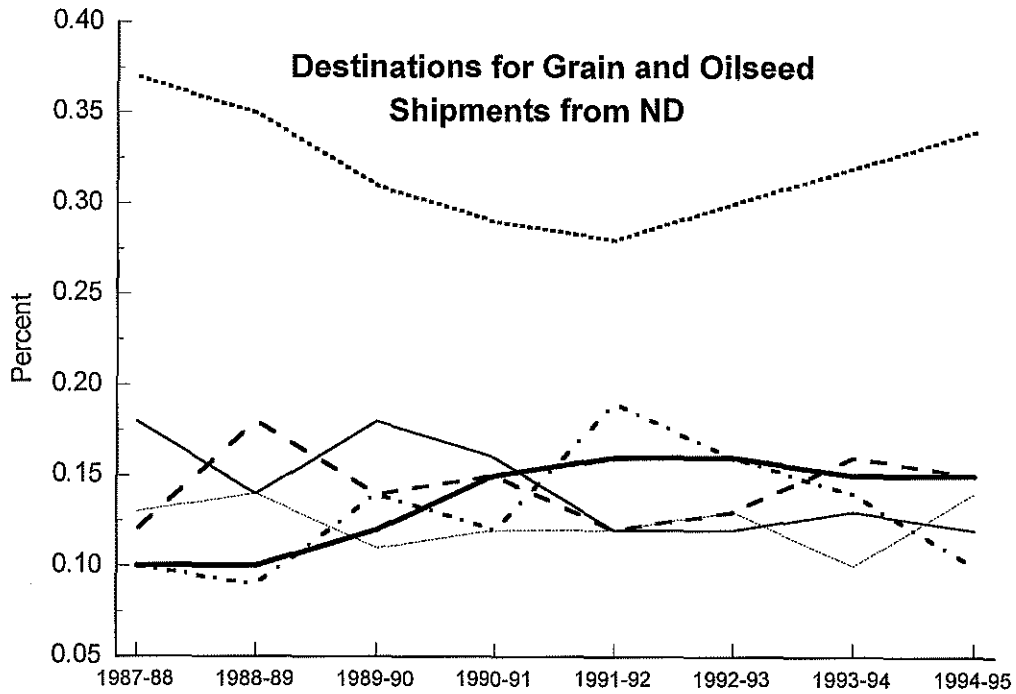
## Destinations for Grain and Oilseed Shipments from ND Elevators, 1994-95

Minn-St Paul 33%

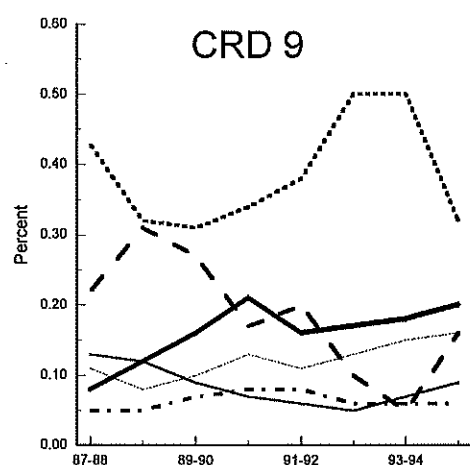
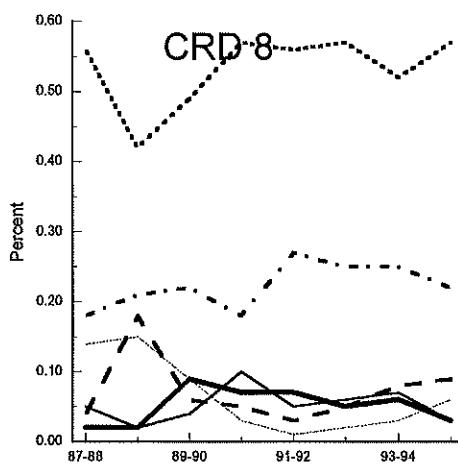
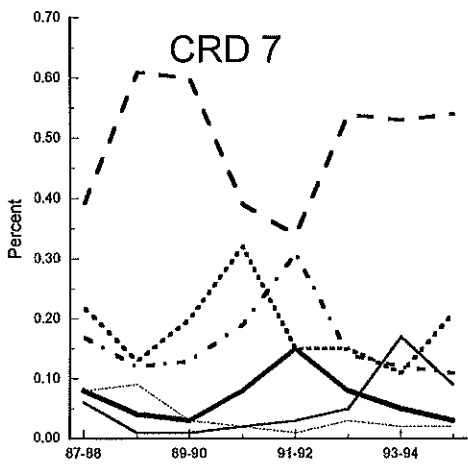
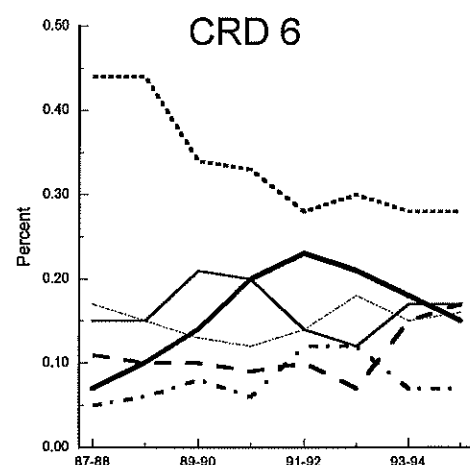
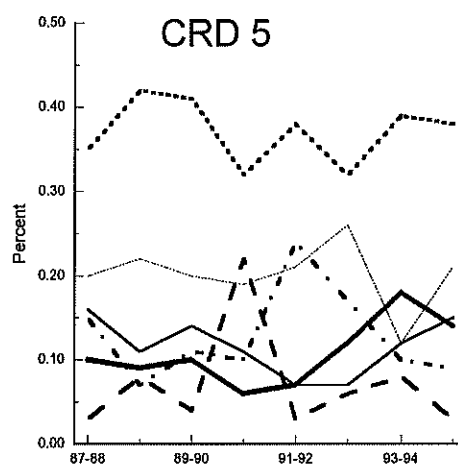
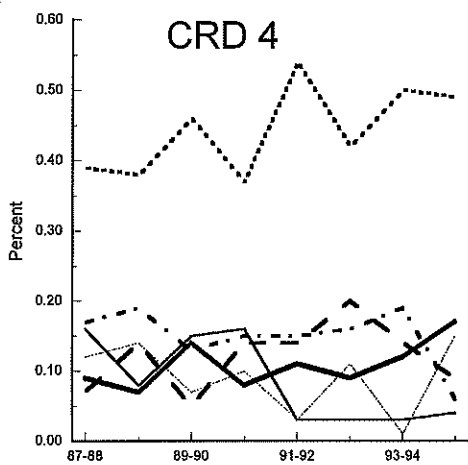
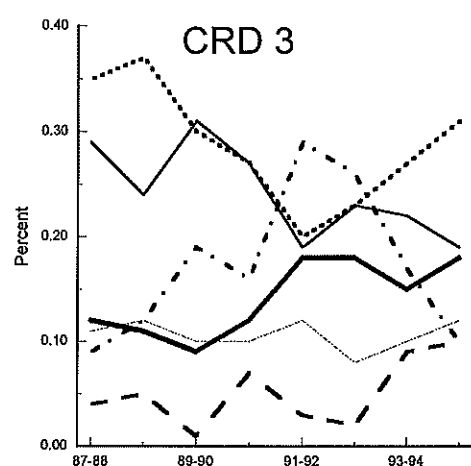
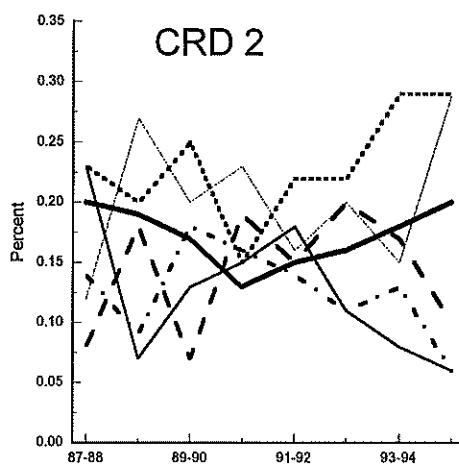
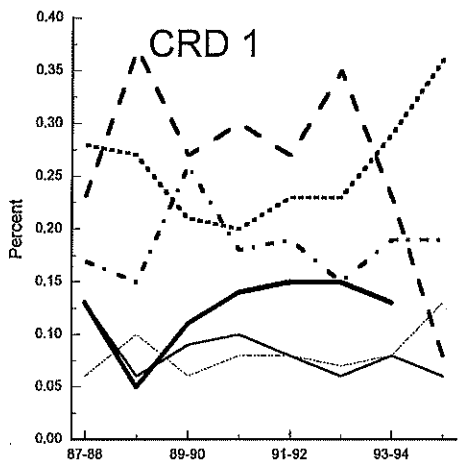
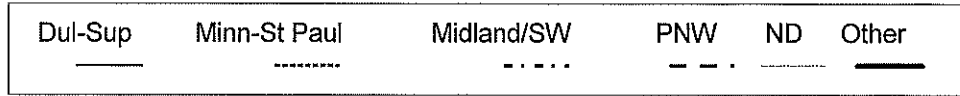


**Destinations for Grain and Oilseed Shipments from ND**  
(1,000 Bushels)

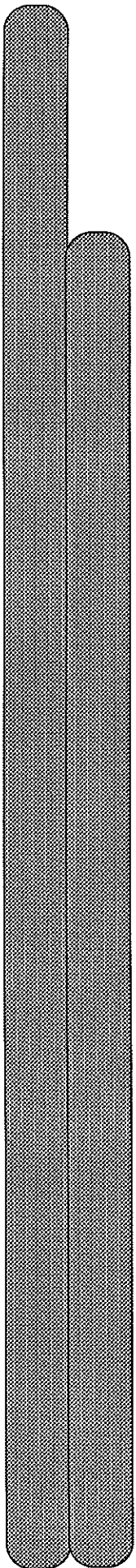
	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	85,112	147,313	65,807	67,347	54,110	58,731	478,420
	0.18	0.31	0.14	0.14	0.11	0.12	
1990-91	80,740	148,949	60,522	77,311	61,987	76,713	506,222
	0.16	0.29	0.12	0.15	0.12	0.15	
1991-92	73,030	173,784	114,903	75,901	74,695	100,450	612,763
	0.12	0.28	0.19	0.12	0.12	0.16	
1992-93	82,088	210,649	112,349	95,005	89,780	114,221	704,092
	0.12	0.30	0.16	0.13	0.13	0.16	
1993-94	65,572	165,713	70,179	82,292	53,760	77,841	515,357
	0.13	0.32	0.14	0.16	0.10	0.15	
1994-95	62,349	173,650	52,558	81,831	77,092	81,638	529,119
	0.12	0.33	0.10	0.15	0.15	0.15	



# Destinations for Grain and Oilseed Shipments from ND CRDs

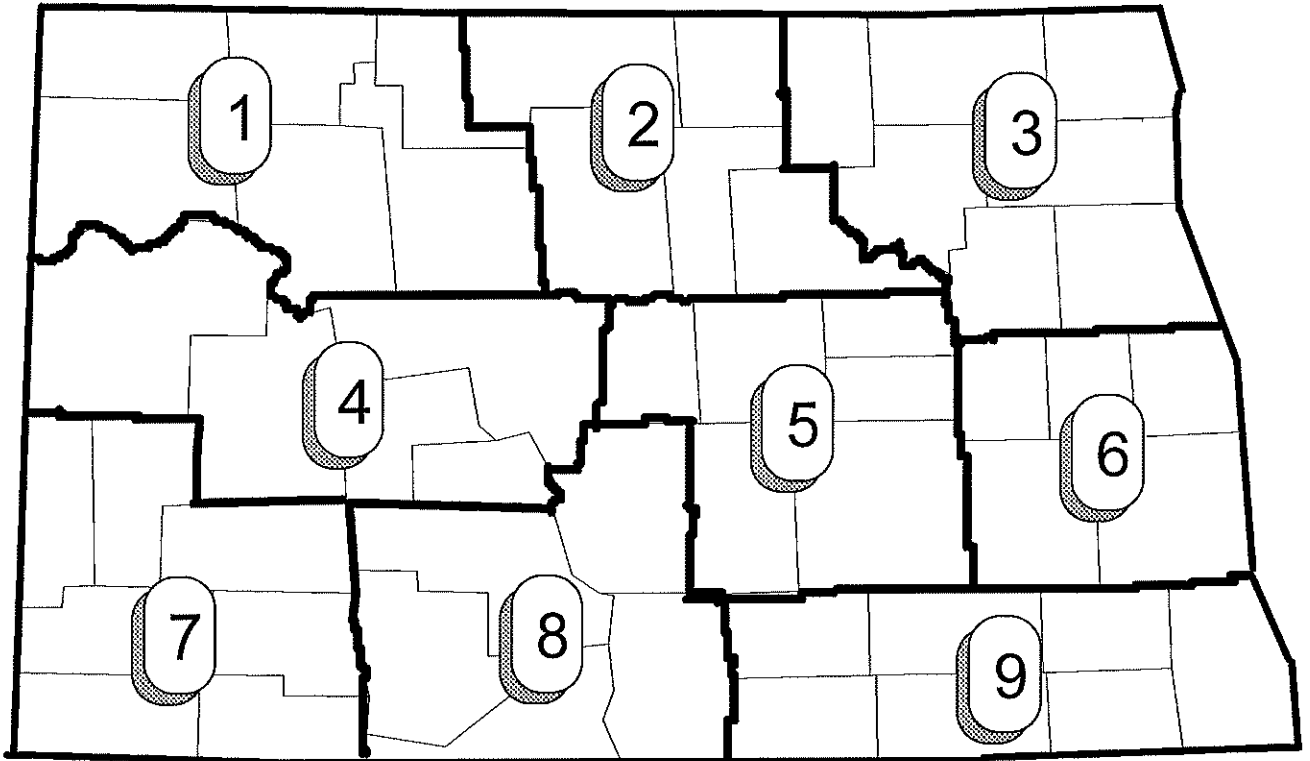






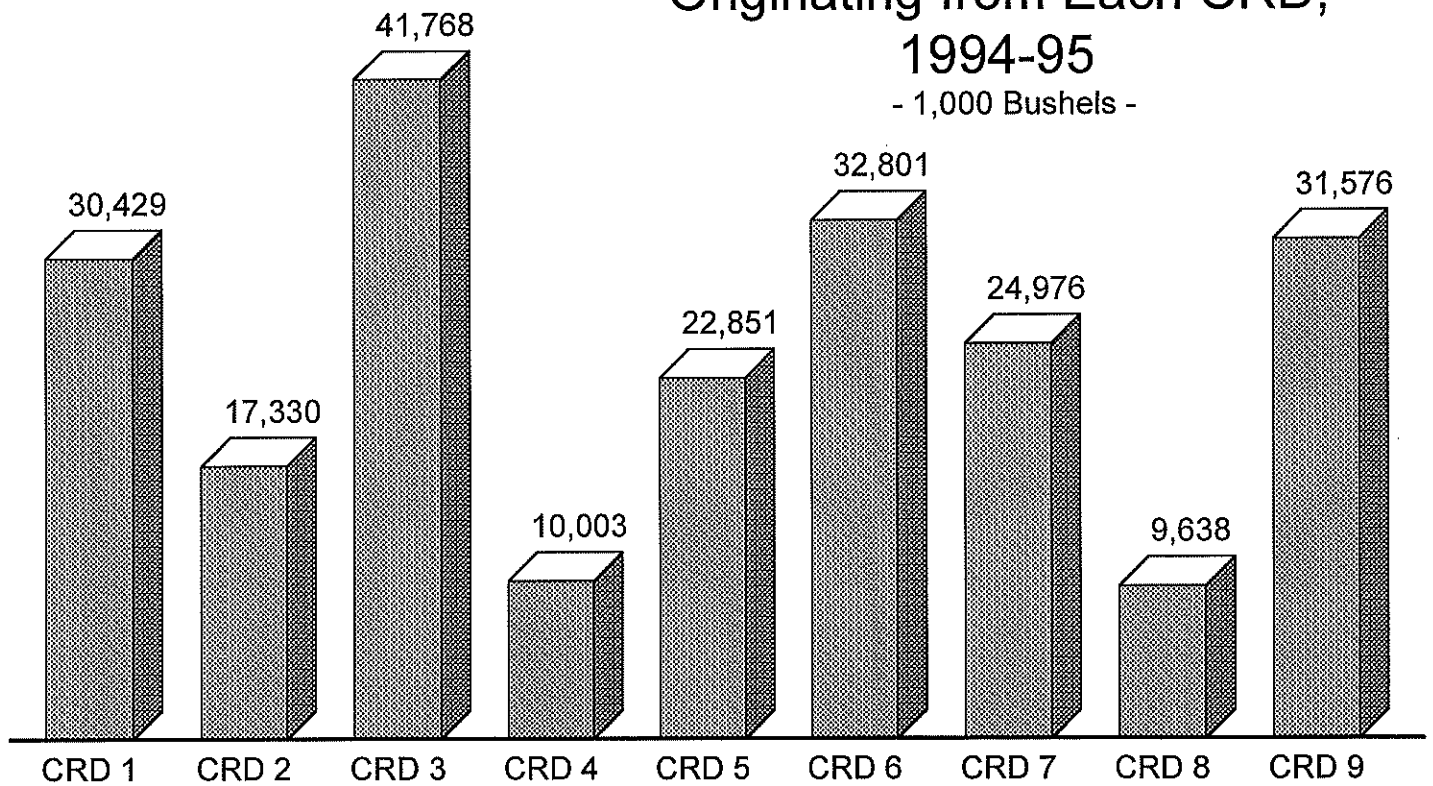
HRS Wheat

# NORTH DAKOTA CROP REPORTING DISTRICTS



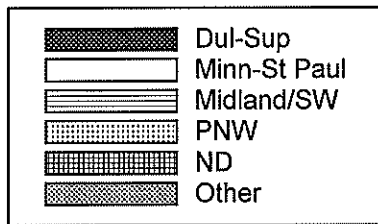
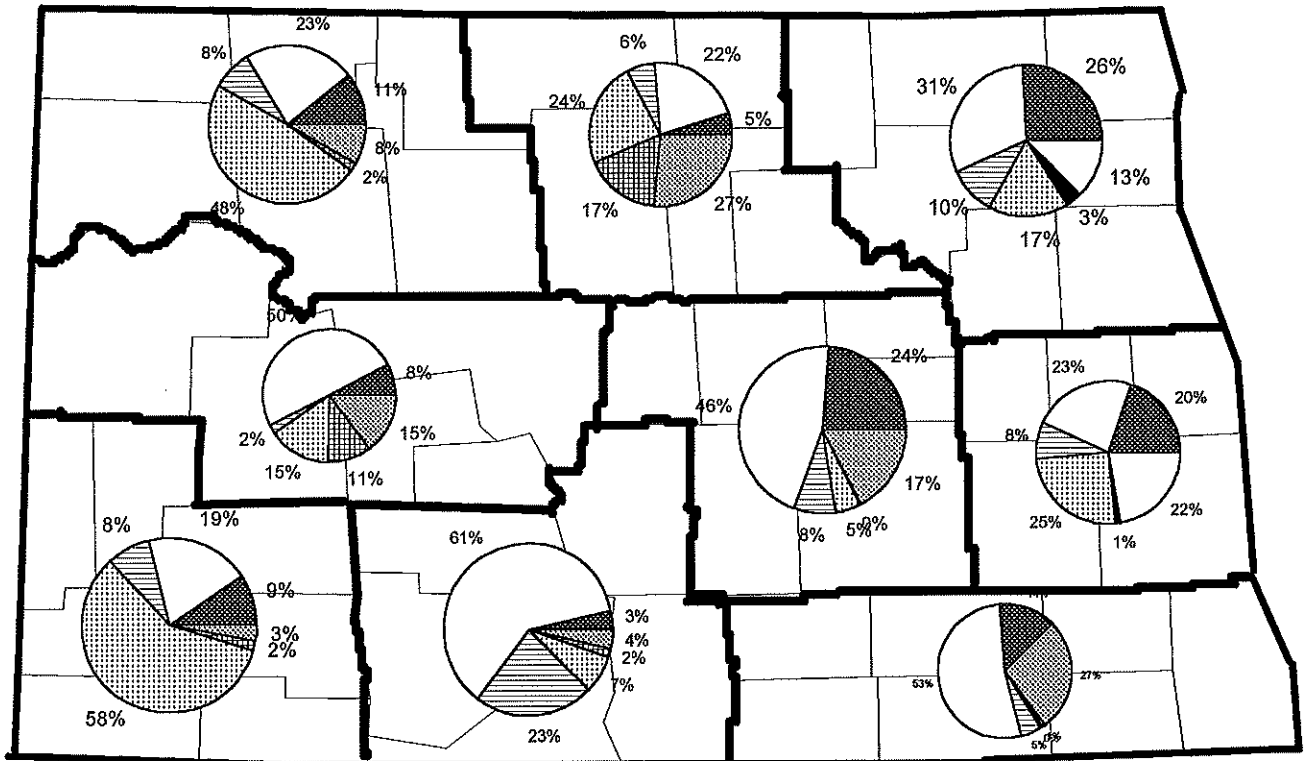
## HRS Wheat Shipments Originating from Each CRD, 1994-95

- 1,000 Bushels -

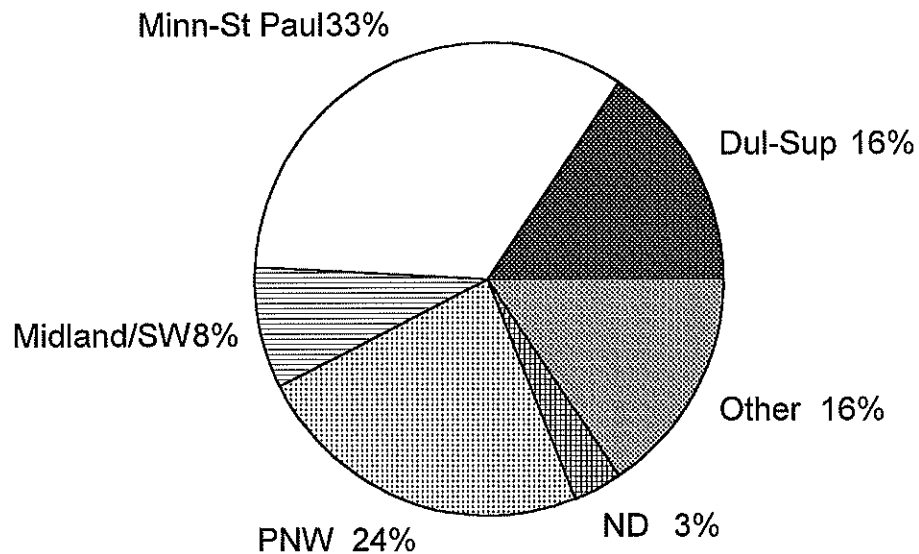




## Destinations for HRS Wheat Shipments from Each CRD, 1994-95

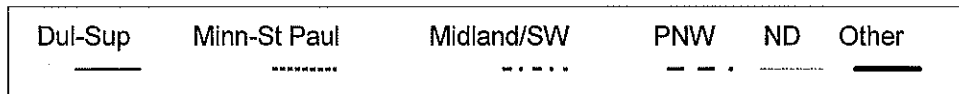
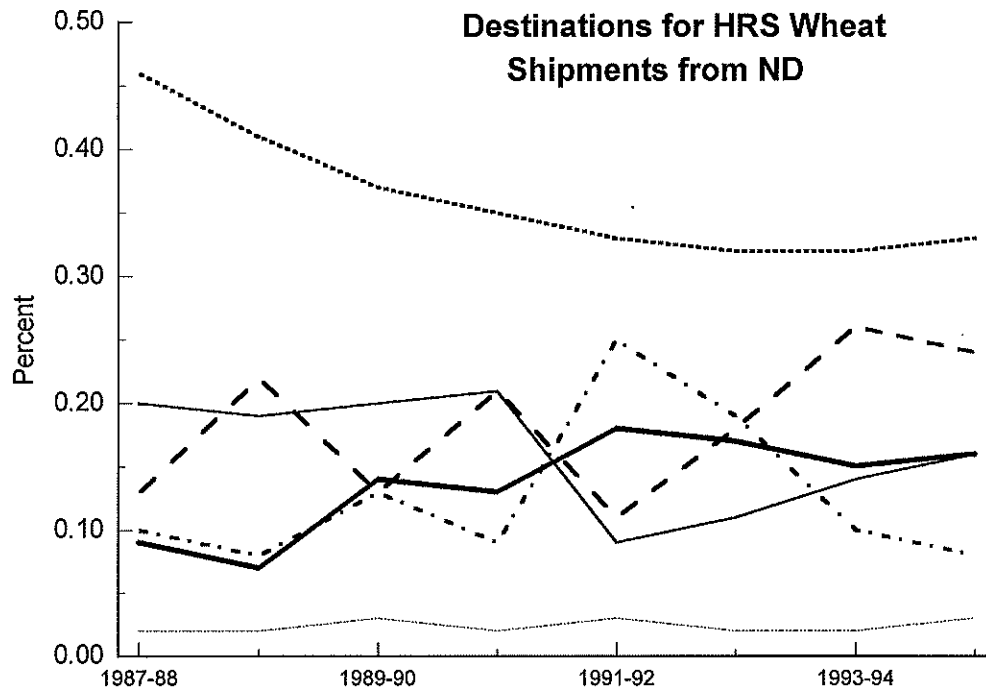


## Destinations for HRS Wheat Shipments from ND Elevators, 1994-95

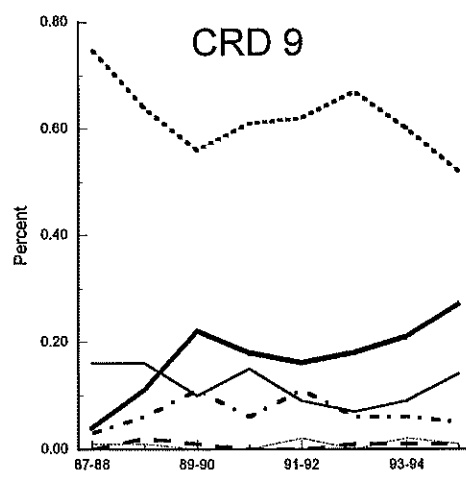
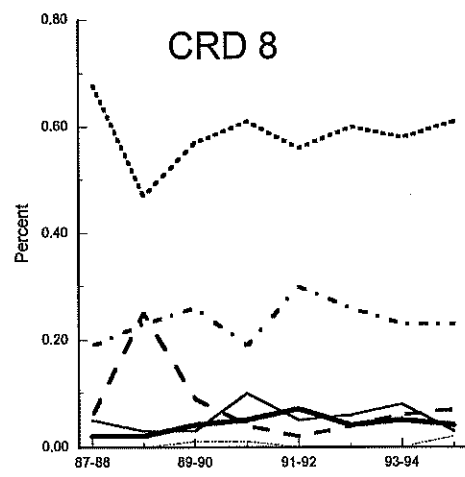
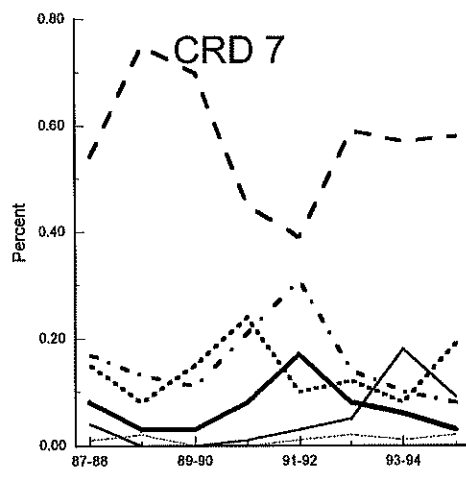
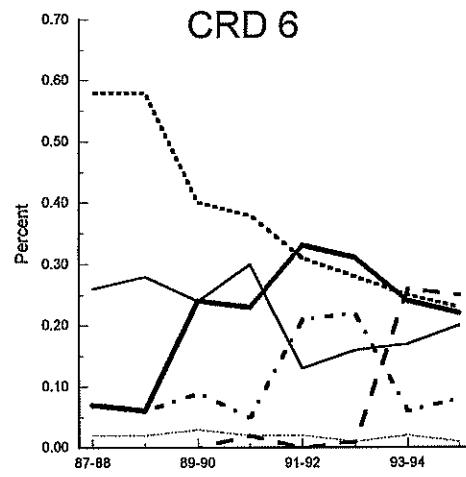
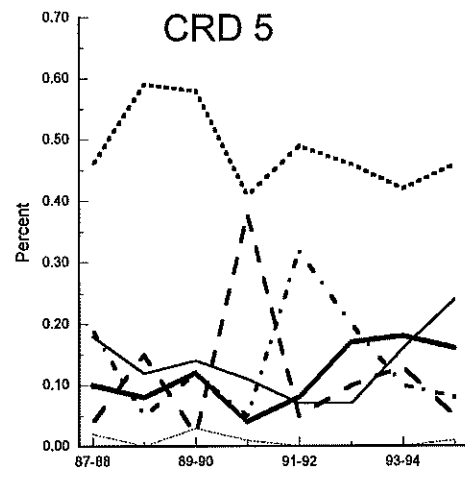
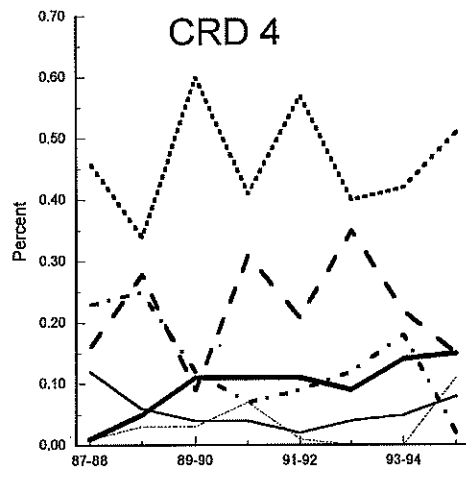
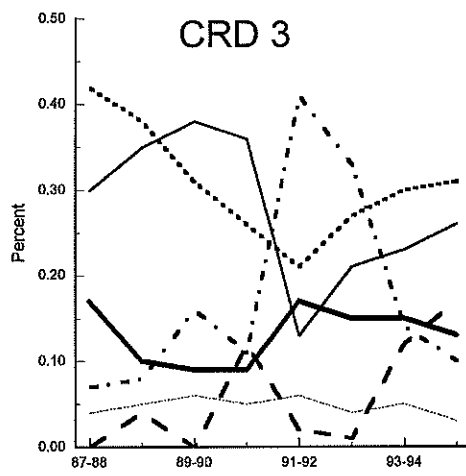
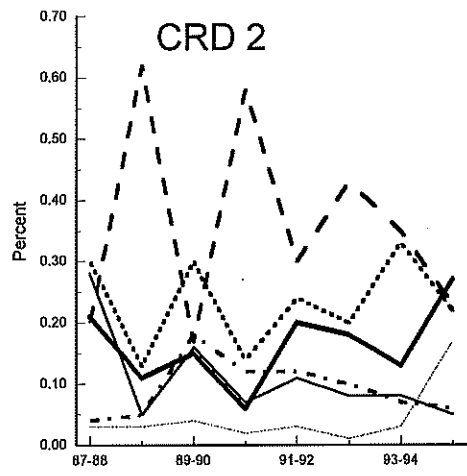
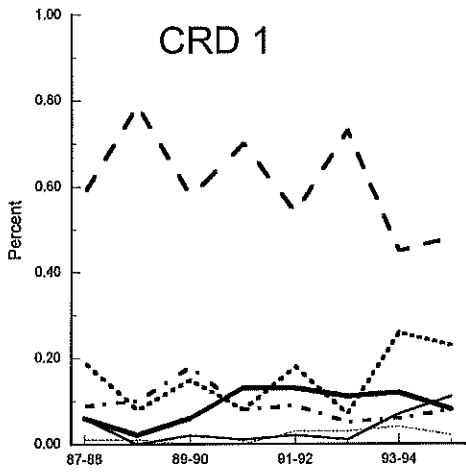
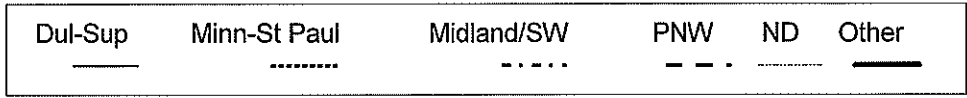


**Destinations for HRS Wheat Shipments from ND**  
(1,000 Bushels)

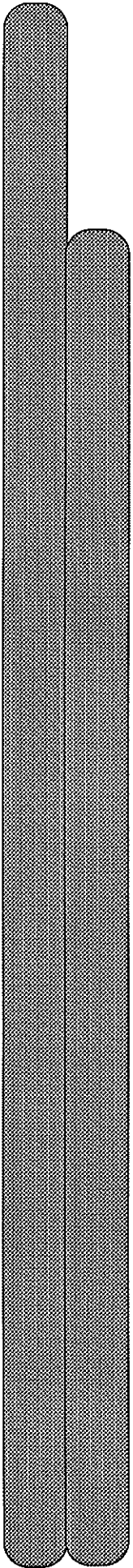
	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	38,510	58,880	25,131	5,362	25,647	38,955	192,485
	0.20	0.31	0.13	0.03	0.13	0.20	
1990-91	39,229	56,356	39,521	4,042	16,898	35,026	191,072
	0.21	0.29	0.21	0.02	0.09	0.18	
1991-92	23,892	74,837	29,290	7,005	66,246	60,150	261,420
	0.09	0.29	0.11	0.03	0.25	0.23	
1992-93	38,573	81,210	62,458	6,684	66,819	88,517	344,261
	0.11	0.24	0.18	0.02	0.19	0.26	
1993-94	35,405	81,738	25,318	65,754	6,408	37,943	252,566
	0.14	0.32	0.10	0.26	0.03	0.15	
1994-95	34,566	74,134	18,487	52,174	7,312	34,698	221,372
	0.16	0.33	0.08	0.24	0.03	0.16	



# Destinations for HRS Wheat Shipments from ND CRDs

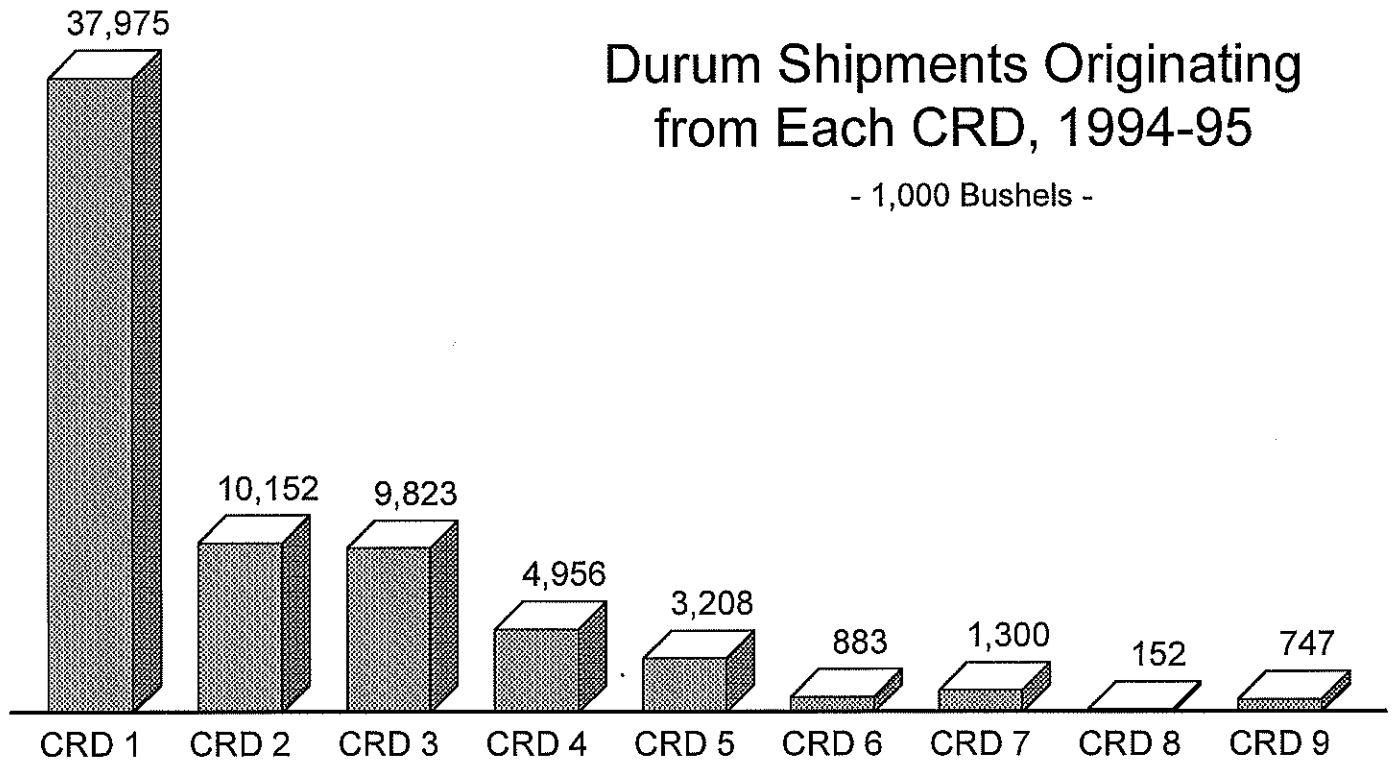
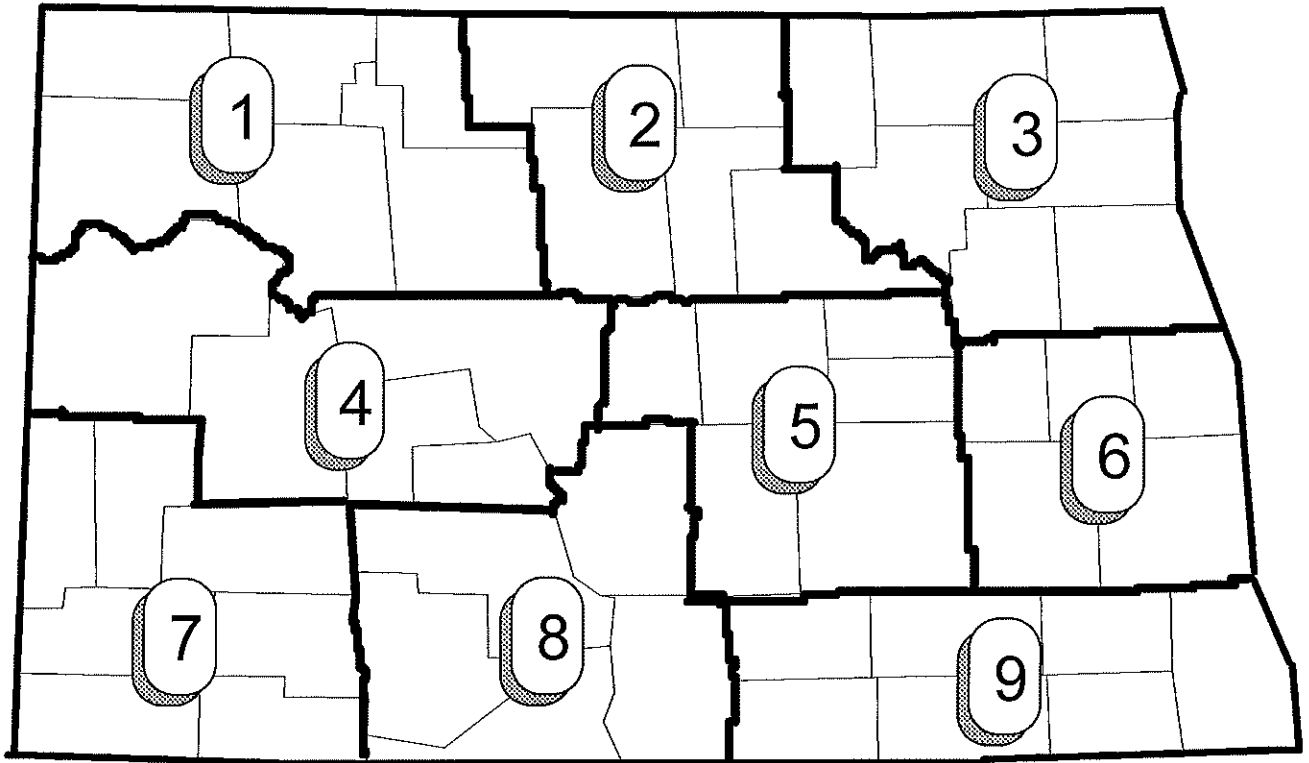




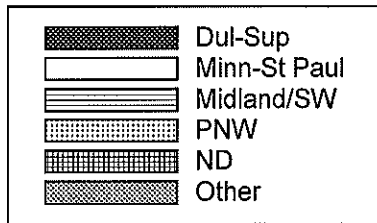
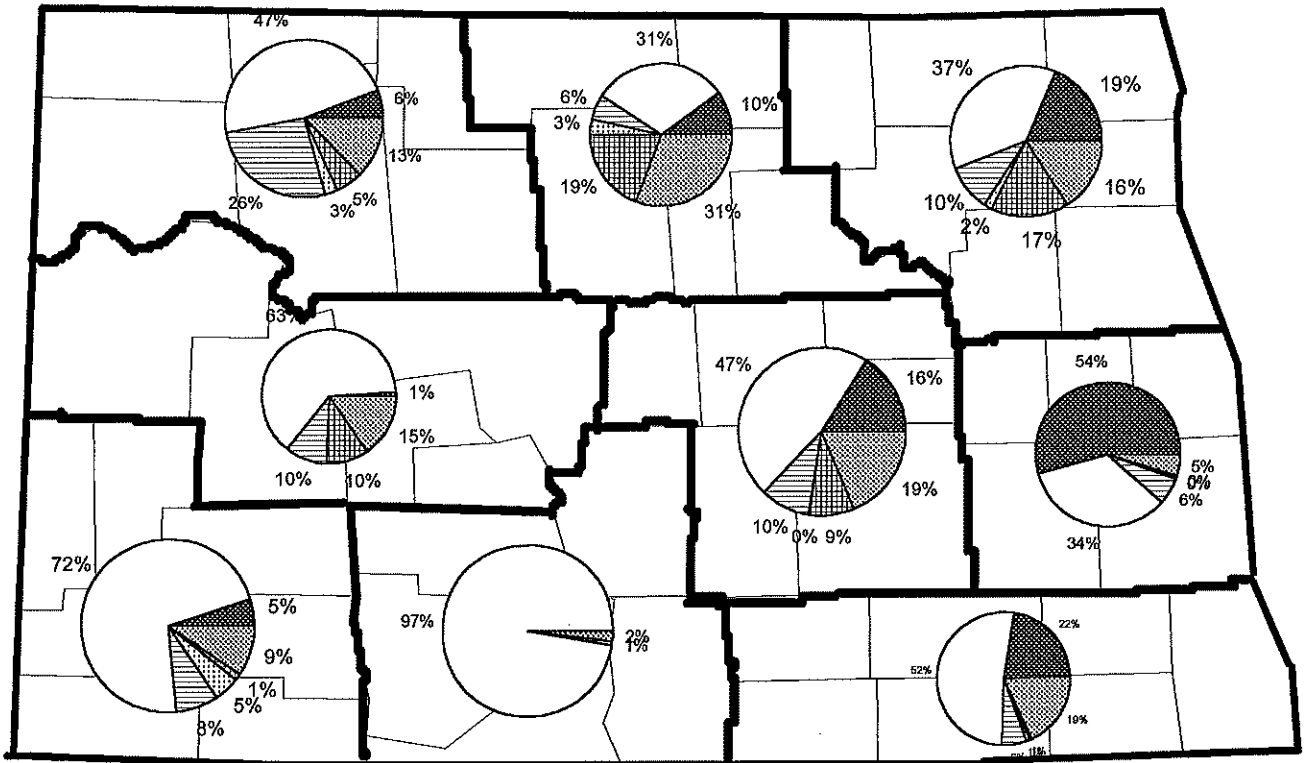


Durum

# NORTH DAKOTA CROP REPORTING DISTRICTS

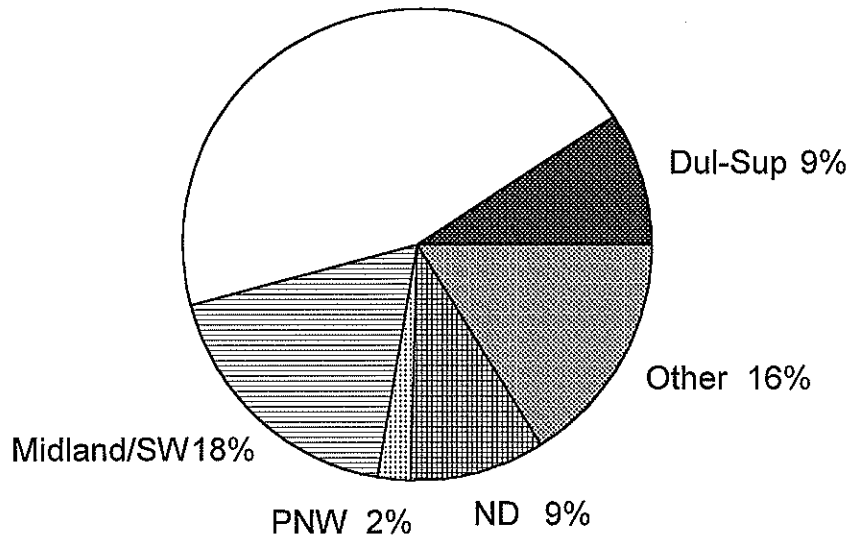


# Destinations for Durum Shipments from Each CRD, 1994-95



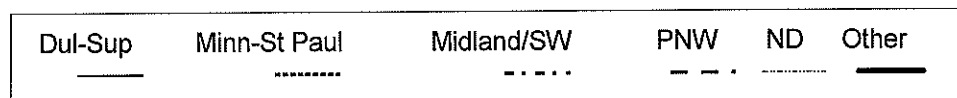
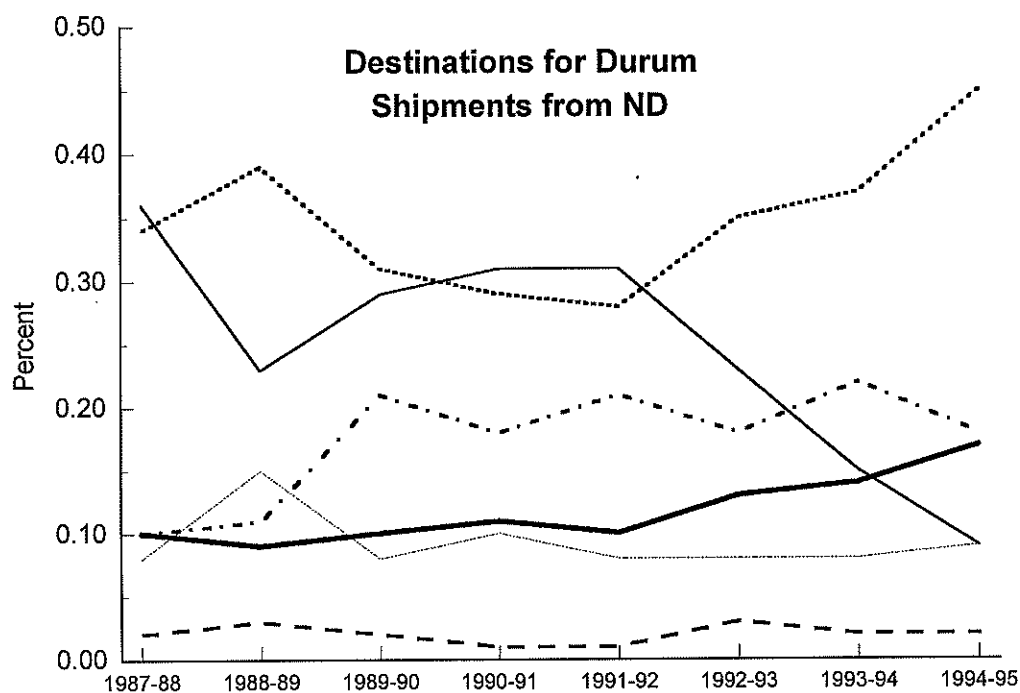
## Destinations for Durum Shipments from ND Elevators, 1994-95

Minn-St Paul 45%



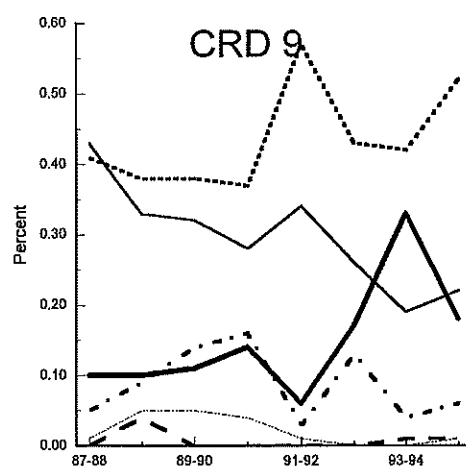
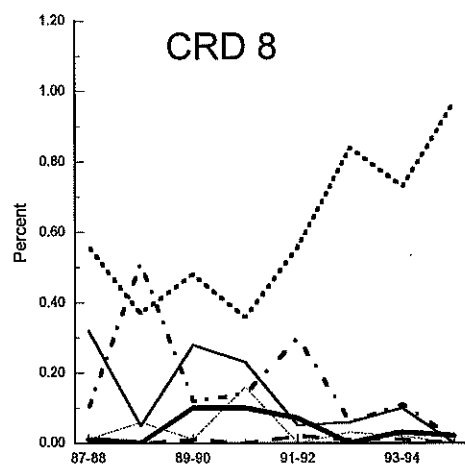
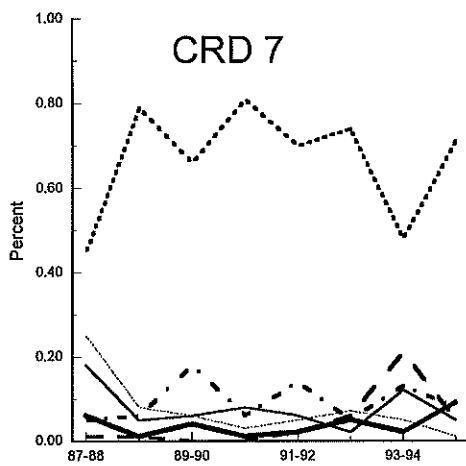
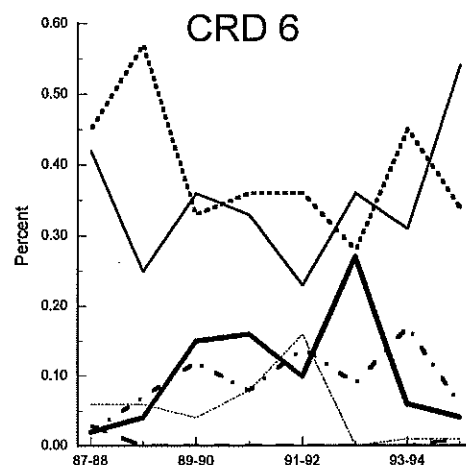
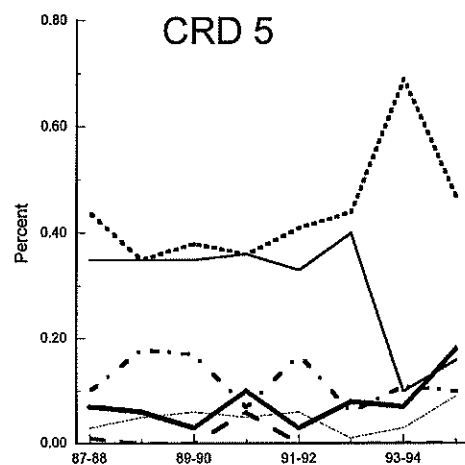
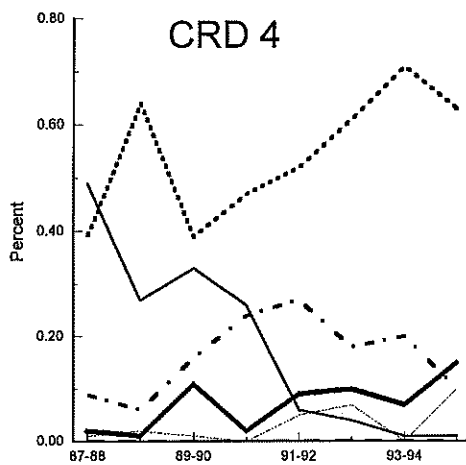
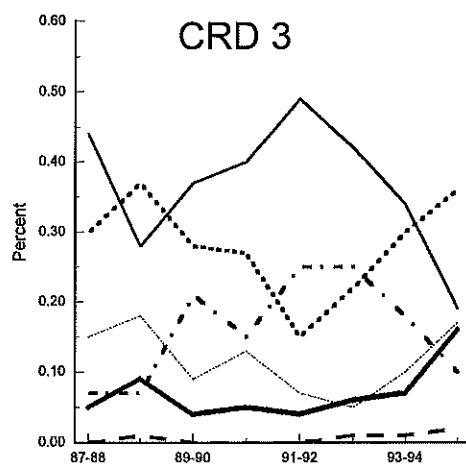
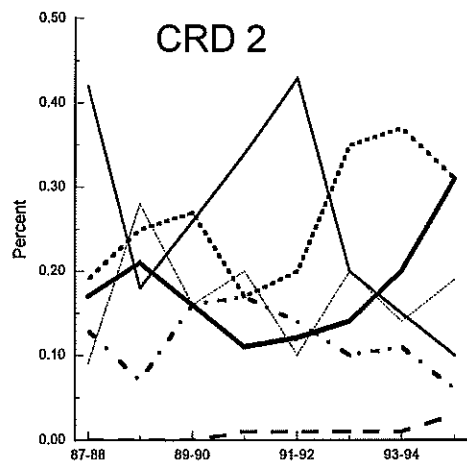
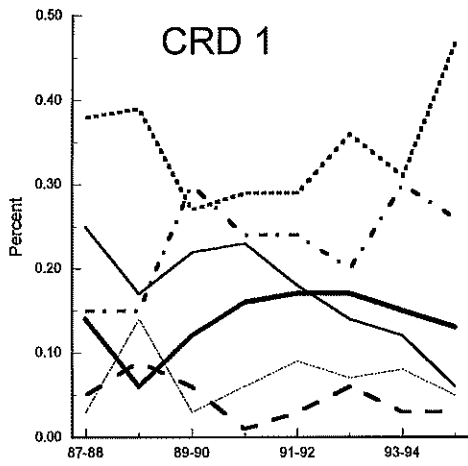
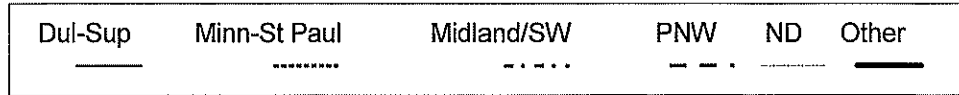
**Destinations for Durum Shipments from ND**  
(1,000 Bushels)

	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	21,103	21,985	15,276	1,127	5,580	6,932	72,003
	0.29	0.31	0.21	0.02	0.08	0.10	
1990-91	24,167	23,024	13,912	929	8,049	8,227	78,308
	0.31	0.29	0.18	0.01	0.10	0.11	
1991-92	26,063	23,524	17,740	1,192	6,738	8,636	83,893
	0.31	0.28	0.21	0.01	0.08	0.10	
1992-93	20,627	30,825	15,986	2,424	6,914	11,305	88,081
	0.23	0.35	0.18	0.03	0.08	0.13	
1993-94	12,760	31,049	18,678	2,196	6,802	11,436	82,921
	0.15	0.37	0.23	0.03	0.08	0.14	
1994-95	6,328	31,120	12,563	1,569	6,488	11,132	69,201
	0.09	0.45	0.18	0.02	0.09	0.16	

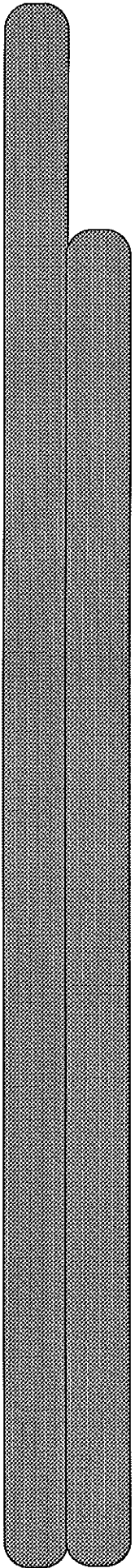




# Destinations for Durum Shipments from ND CRDs

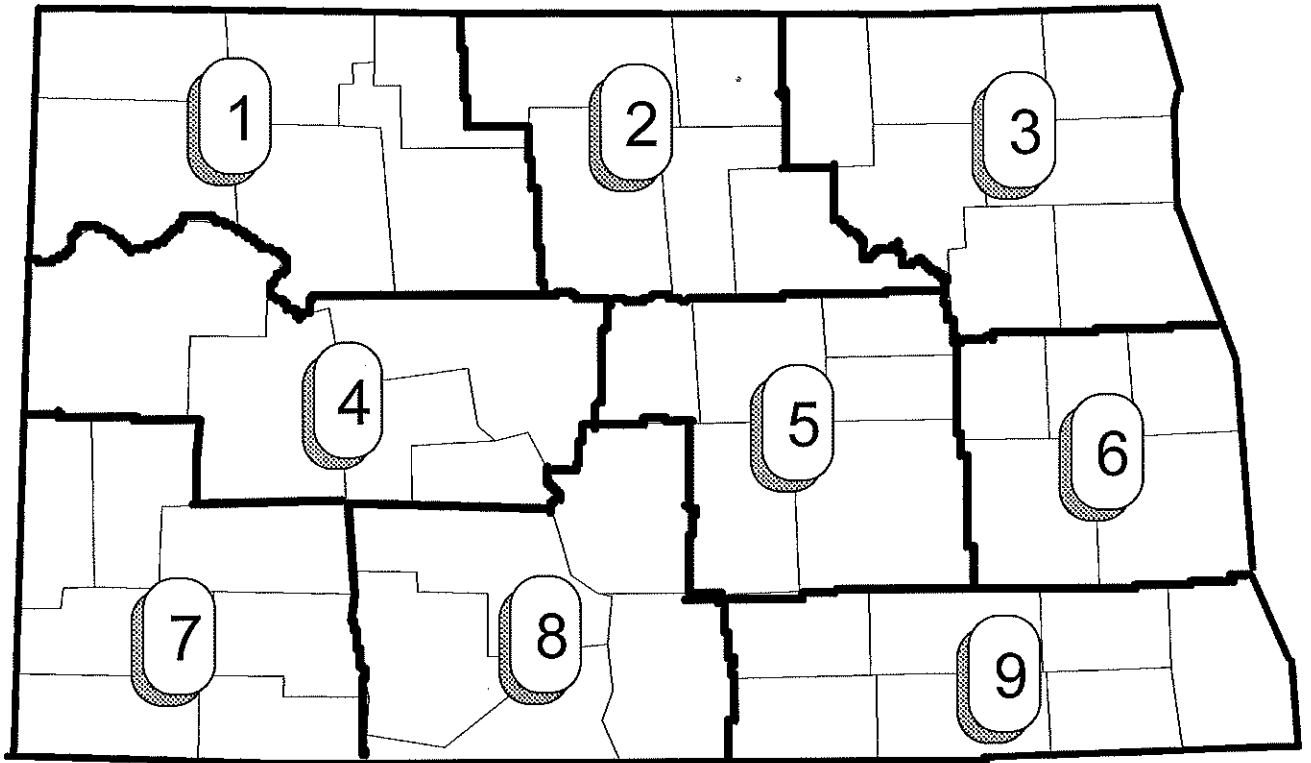






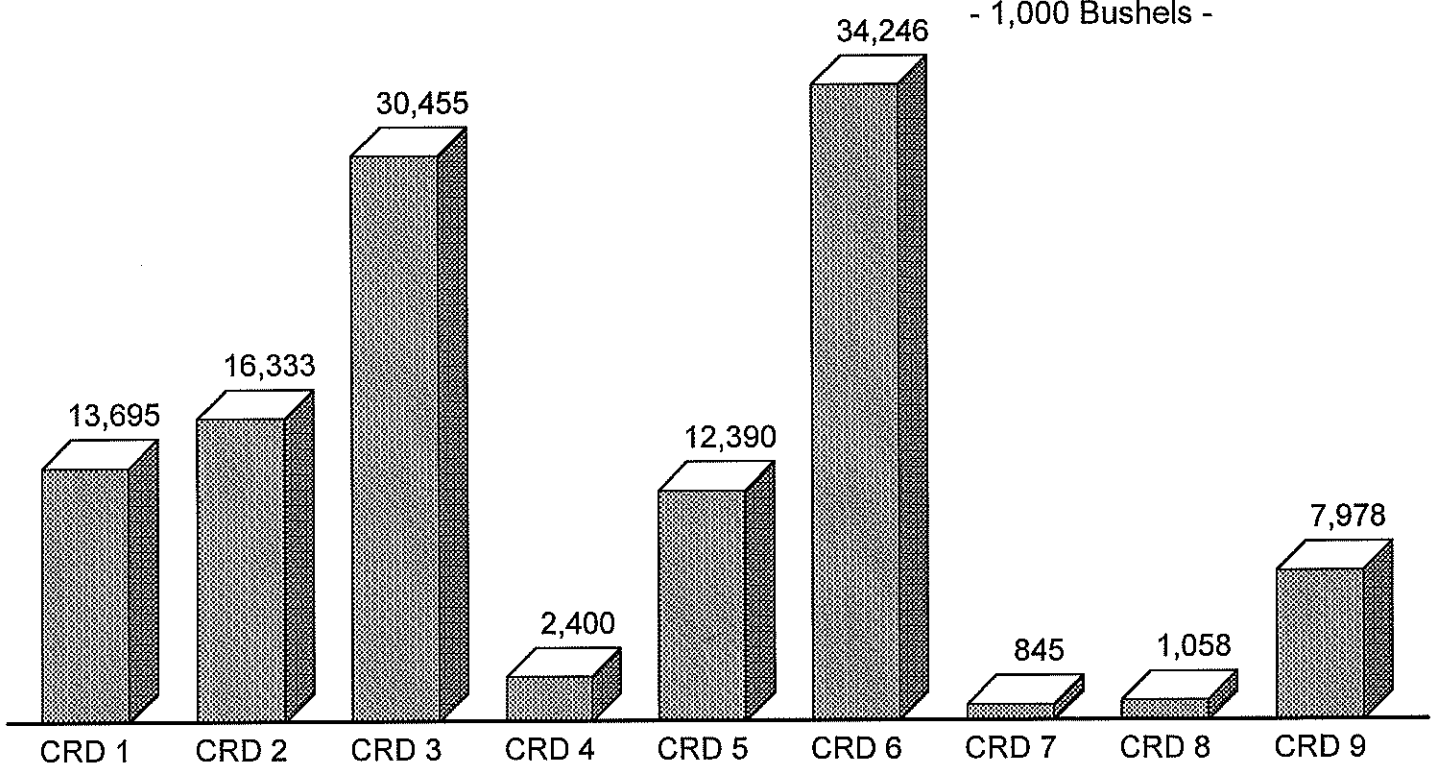
Barley

# NORTH DAKOTA CROP REPORTING DISTRICTS

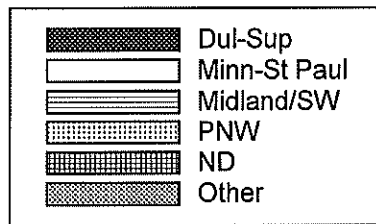
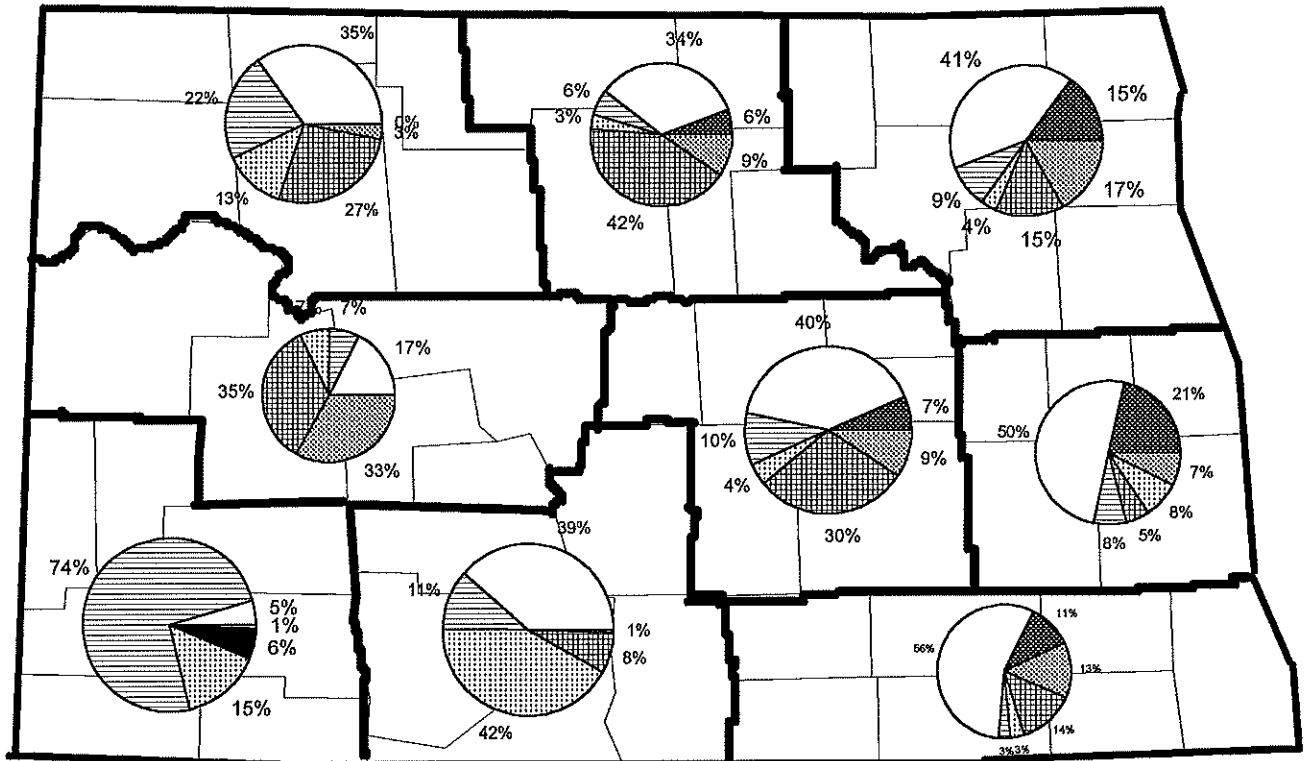


## Barley Shipments Originating from Each CRD, 1994-95

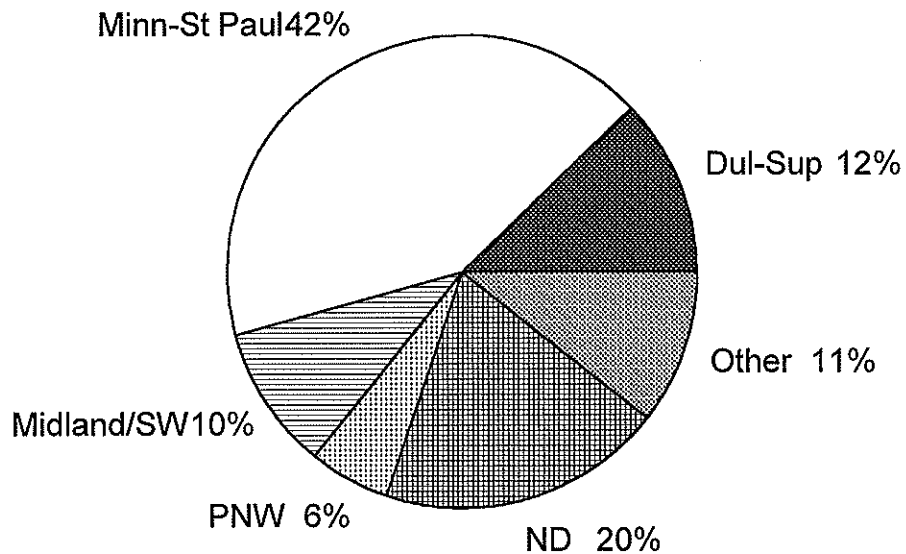
- 1,000 Bushels -



# Destinations for Barley Shipments from Each CRD, 1994-95

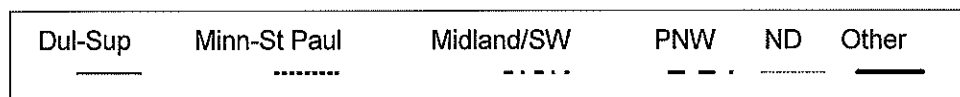
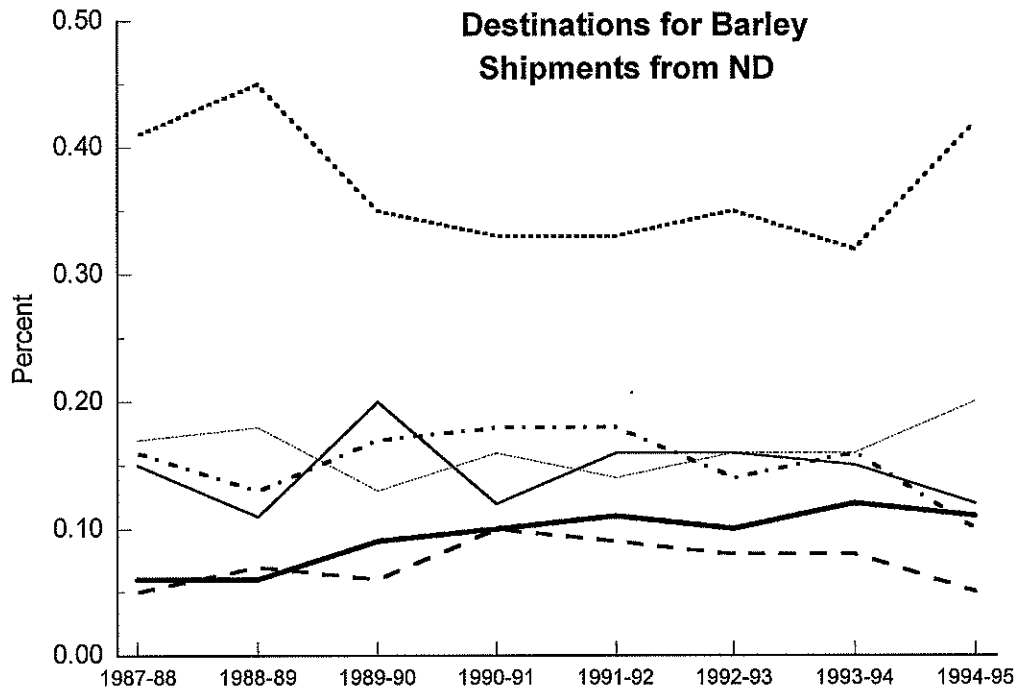


## Destinations for Barley Shipments from ND Elevators, 1994-95

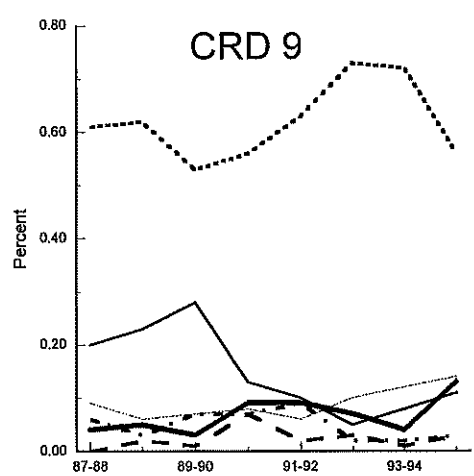
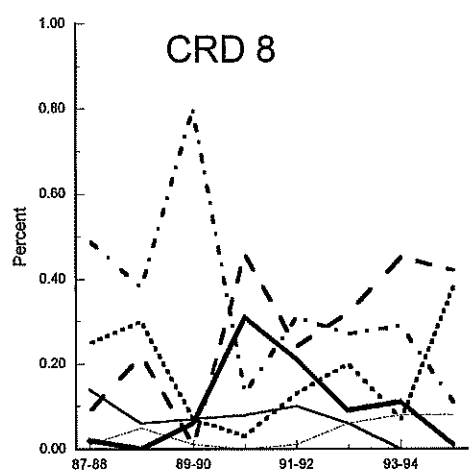
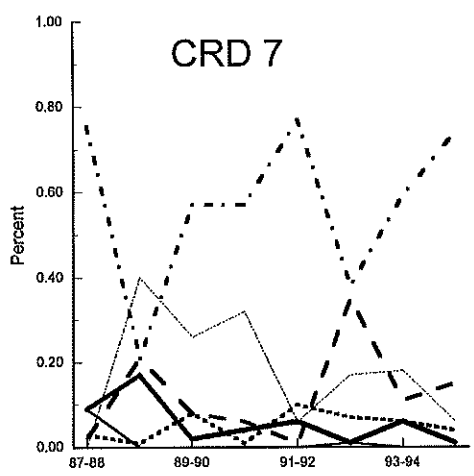
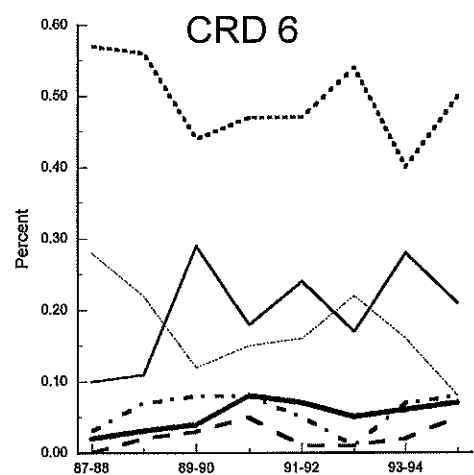
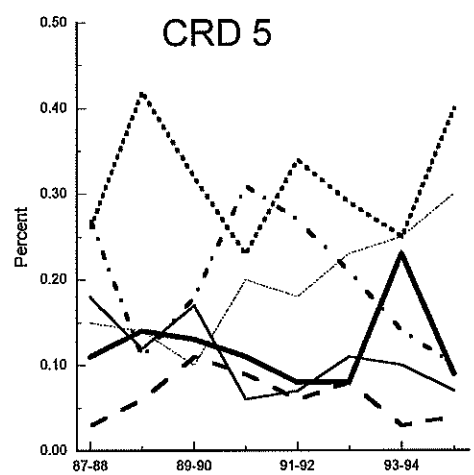
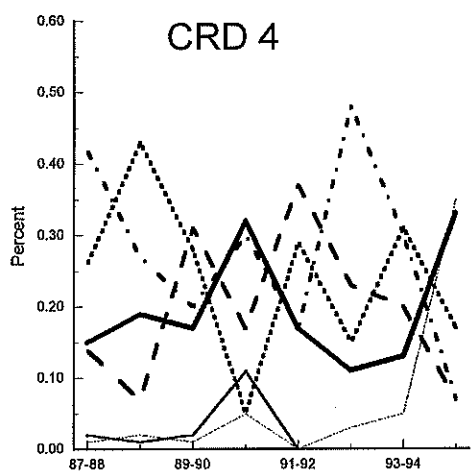
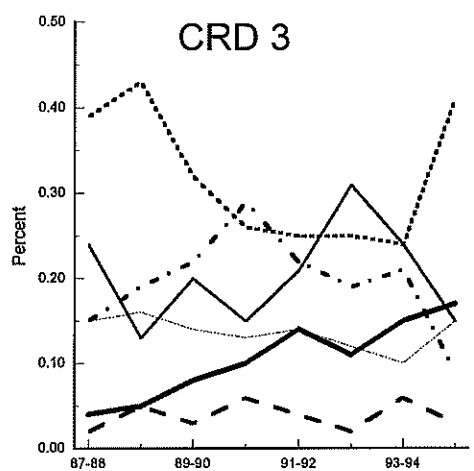
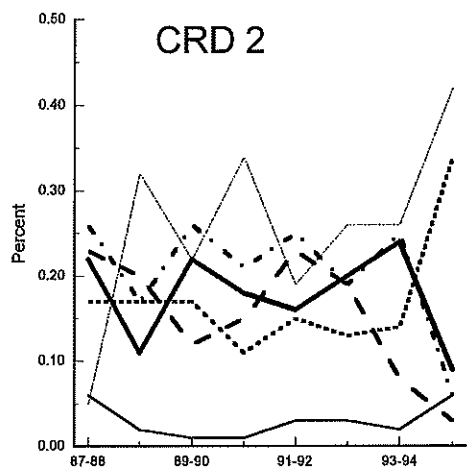
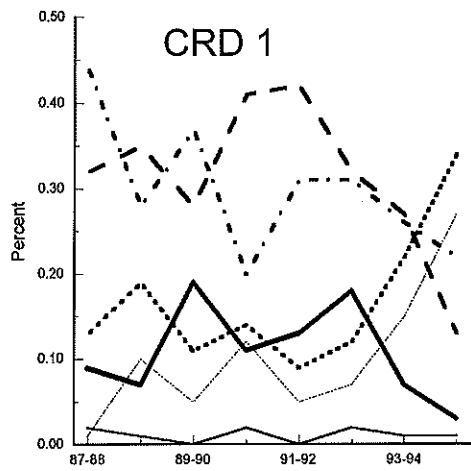
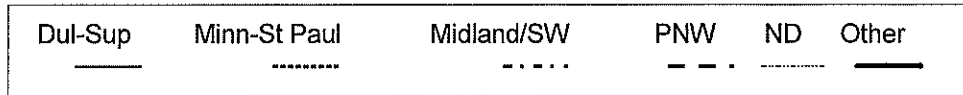


**Destinations for Barley Shipments from ND**  
(1,000 Bushels)

	Dul-Sup	Minn-St Paul	Midland/ SW	PNW	ND	Other	Total
1989-90	22,893	39,410	19,061	6,858	14,131	9,904	112,257
	0.20	0.35	0.17	0.06	0.13	0.09	
1990-91	14,200	38,032	20,482	11,695	17,776	11,861	114,046
	0.12	0.33	0.18	0.10	0.16	0.10	
1991-92	19,398	40,691	22,431	11,197	17,219	13,848	124,784
	0.16	0.33	0.18	0.09	0.14	0.11	
1992-93	20,799	45,943	18,725	10,799	21,407	13,466	131,139
	0.16	0.35	0.14	0.08	0.16	0.10	
1993-94	16,257	35,630	18,105	8,447	17,756	13,739	109,934
	0.15	0.32	0.16	0.08	0.16	0.13	
1994-95	14,514	50,293	11,789	6,658	23,519	12,629	119,404
	0.12	0.42	0.10	0.06	0.20	0.11	

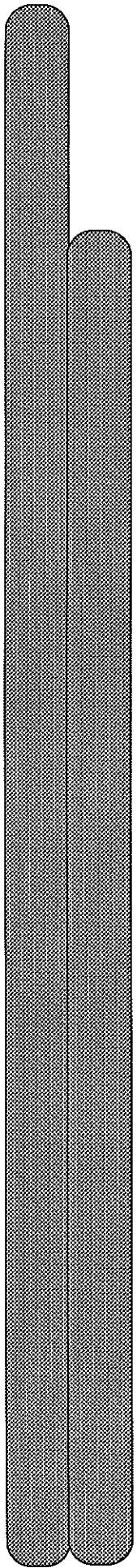


# Destinations for Barley Shipments from ND CRDs



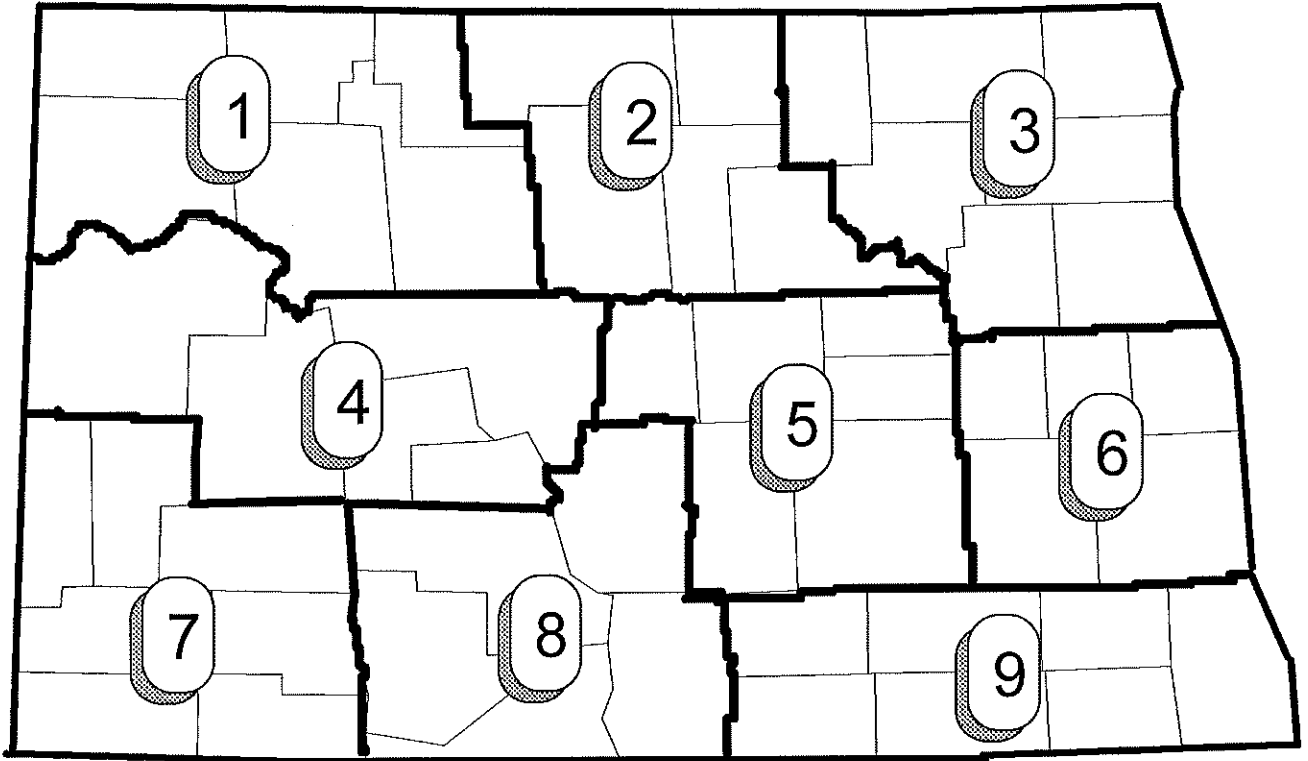




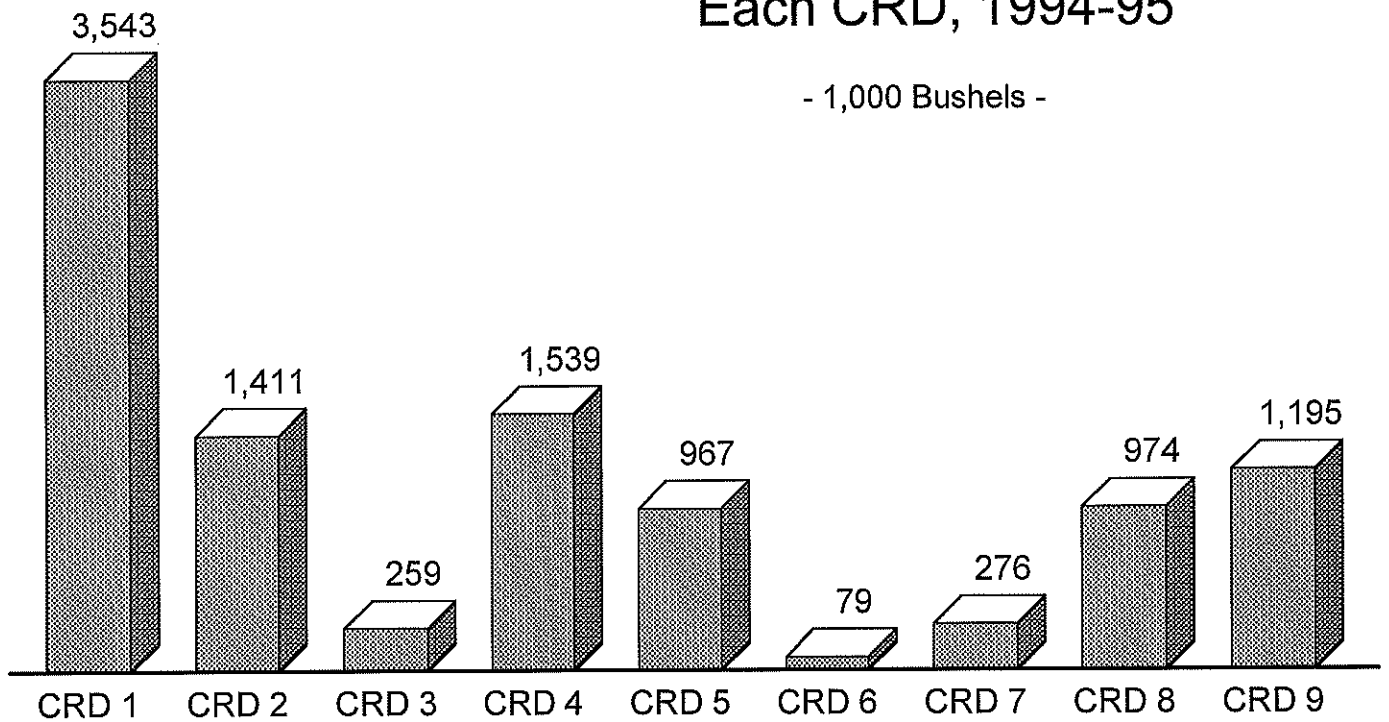


Oats

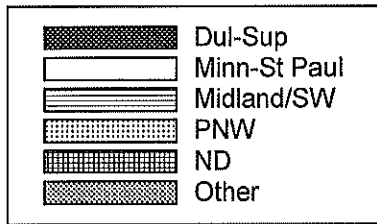
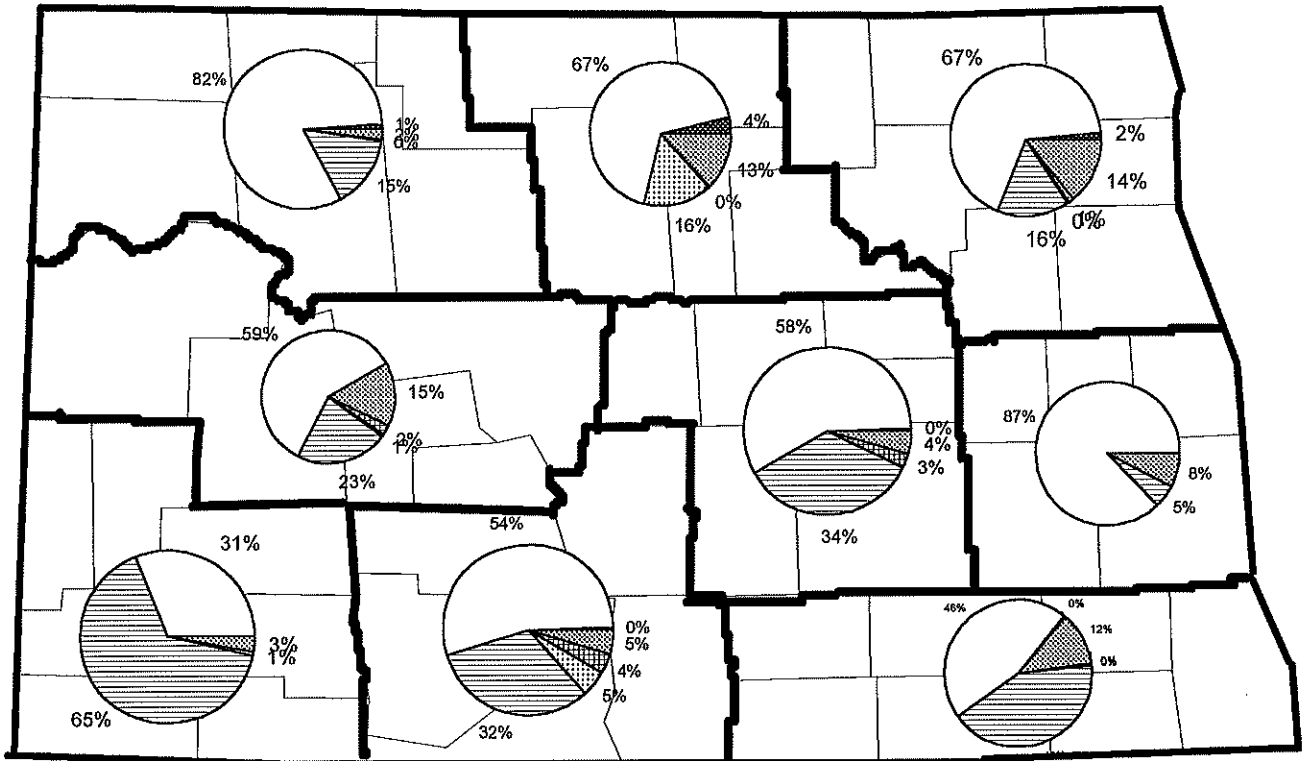
# NORTH DAKOTA CROP REPORTING DISTRICTS



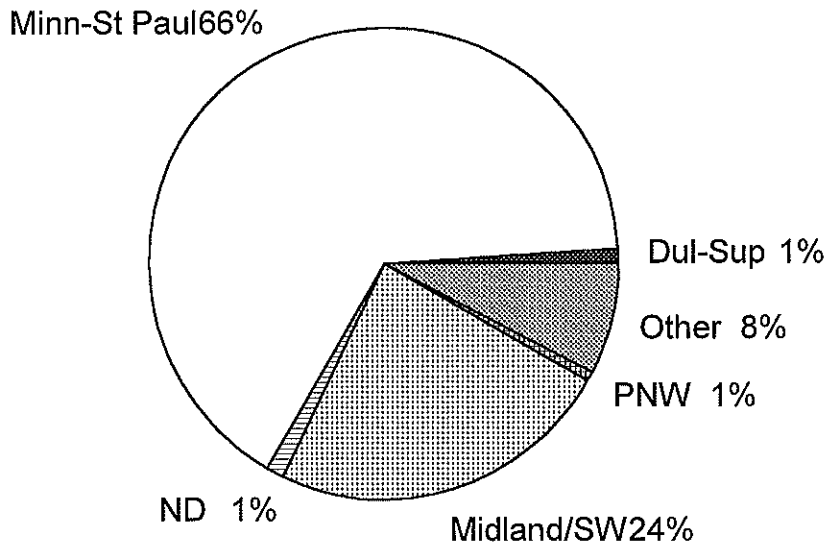
## Oats Shipments Originating from Each CRD, 1994-95



# Destinations for Oats Shipments from Each CRD, 1994-95

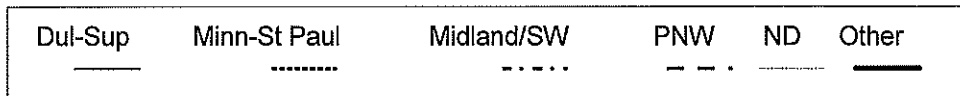
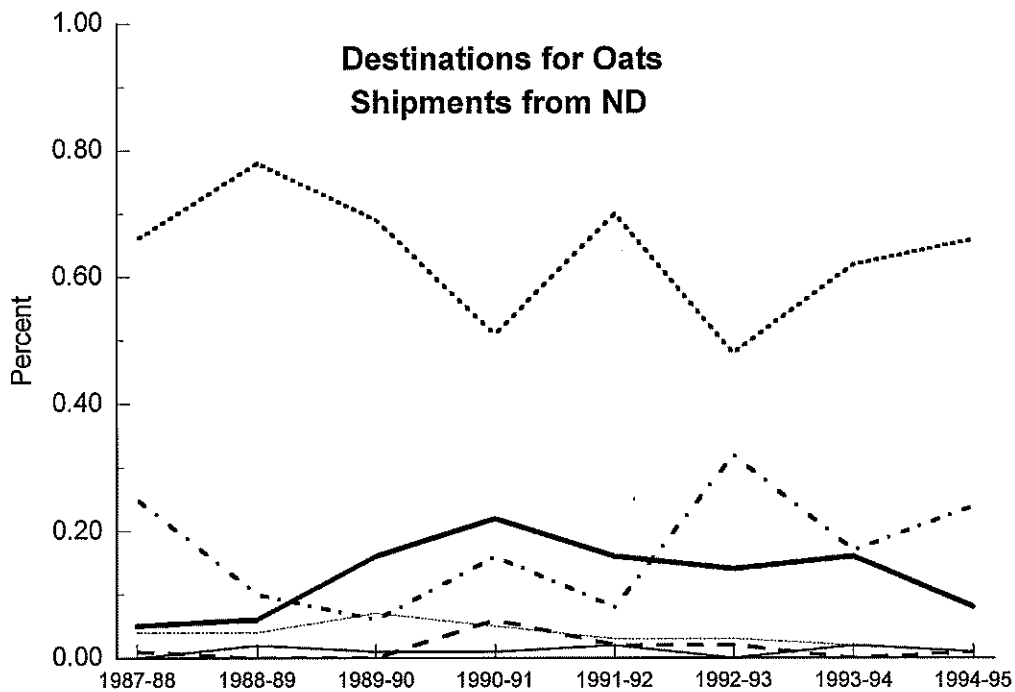


## Destinations for Oats Shipments from ND Elevators, 1994-95

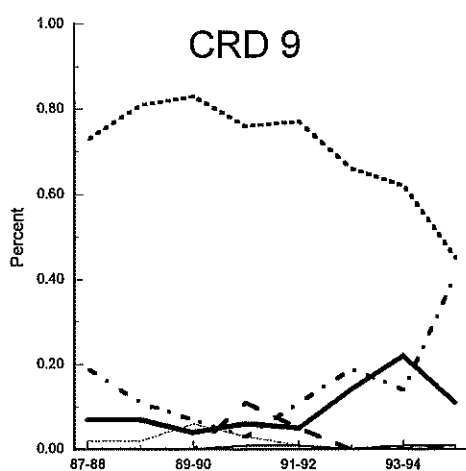
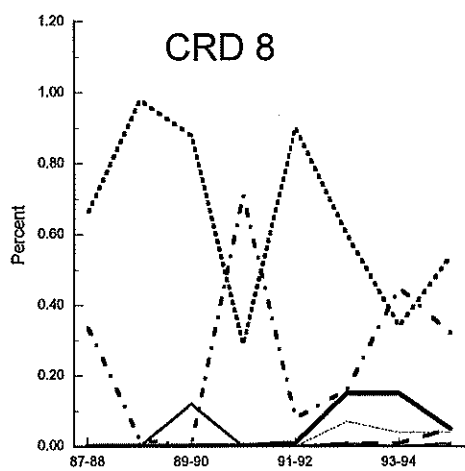
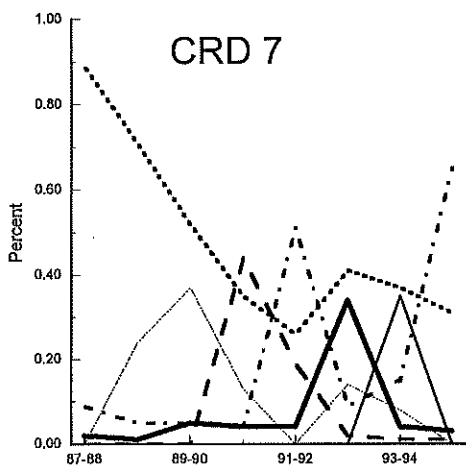
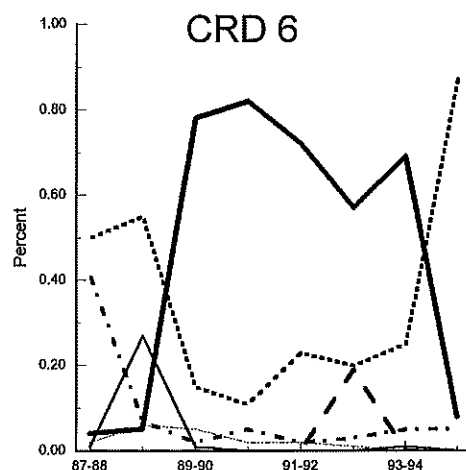
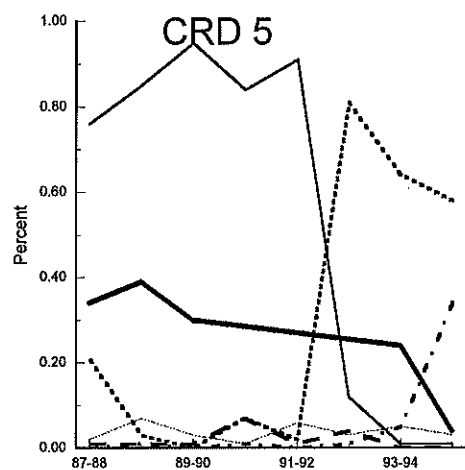
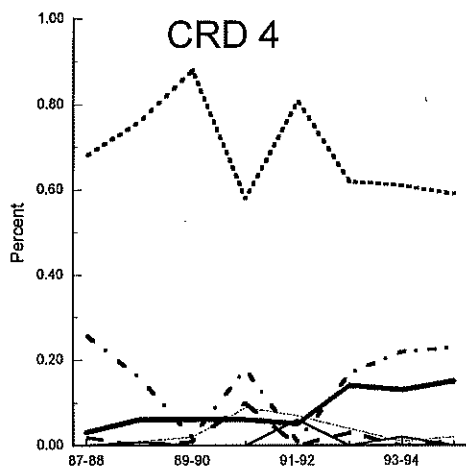
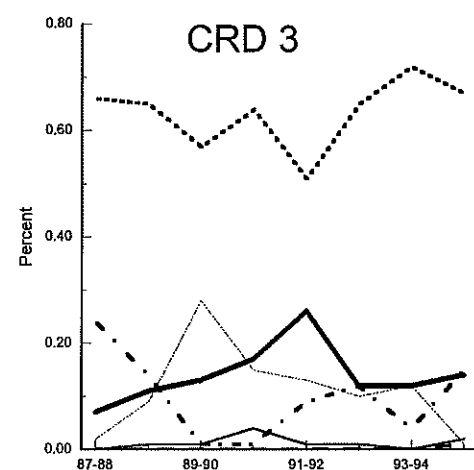
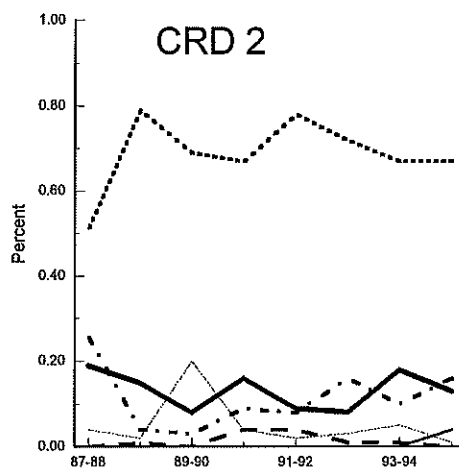
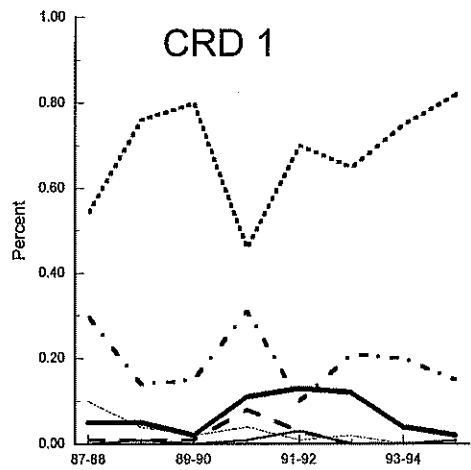
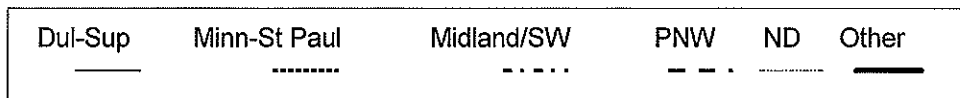


**Destinations for Oats Shipments from ND**  
(1,000 Bushels)

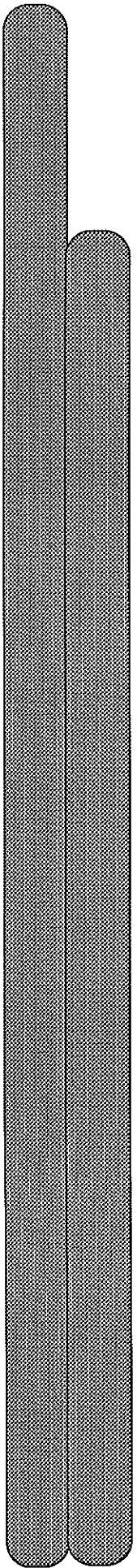
	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	36	3,466	325	12	362	814	5,015
	0.01	0.69	0.06	0.00	0.07	0.16	
1990-91	45	2,858	871	316	295	1,216	5,601
	0.01	0.51	0.16	0.06	0.05	0.22	
1991-92	146	5,291	603	181	197	1,192	7,610
	0.02	0.70	0.08	0.02	0.03	0.16	
1992-93	28	6,411	4,259	270	441	1,863	13,272
	0.00	0.48	0.32	0.02	0.03	0.14	
1993-94	206	7,073	1,990	47	289	1,820	11,425
	0.02	0.62	0.17	0.00	0.03	0.16	
1994-95	105	6,721	2,452	66	121	780	10,248
	0.01	0.66	0.24	0.01	0.01	0.08	



# Destinations for Oats Shipments from ND CRDs

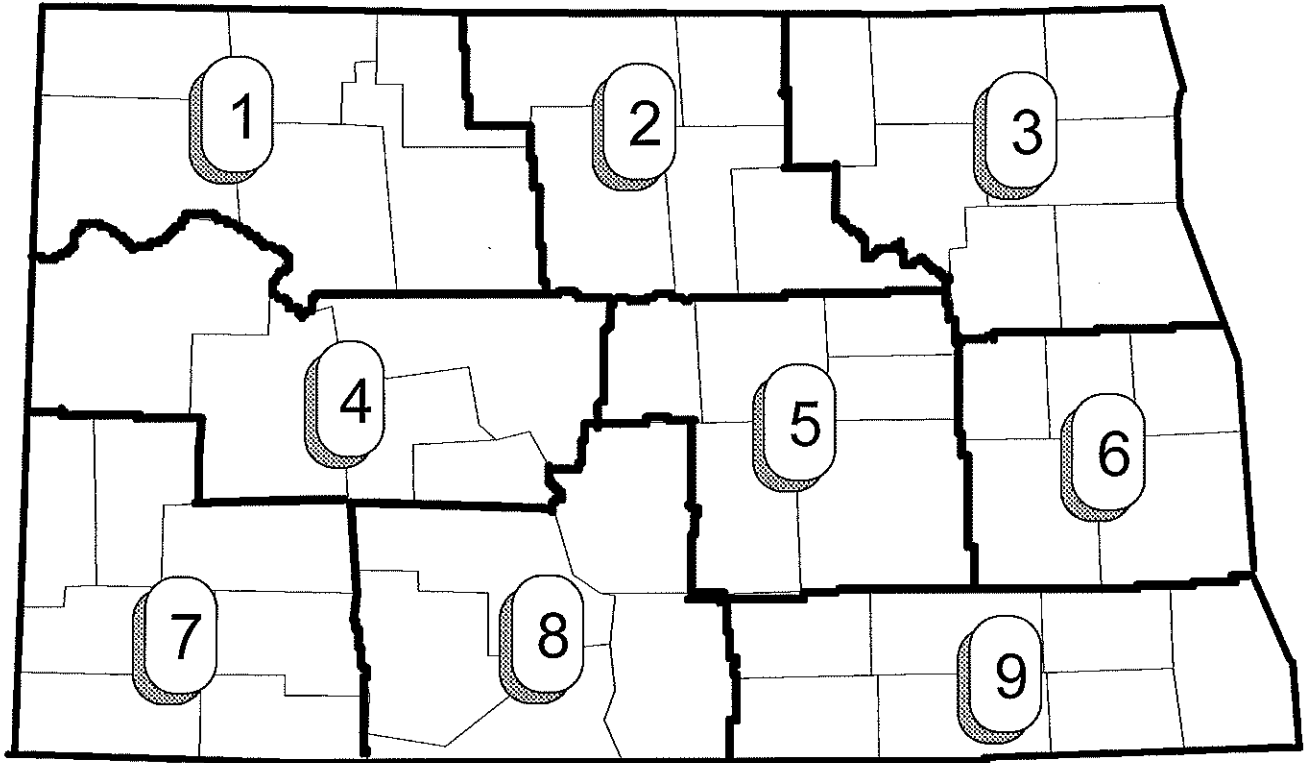






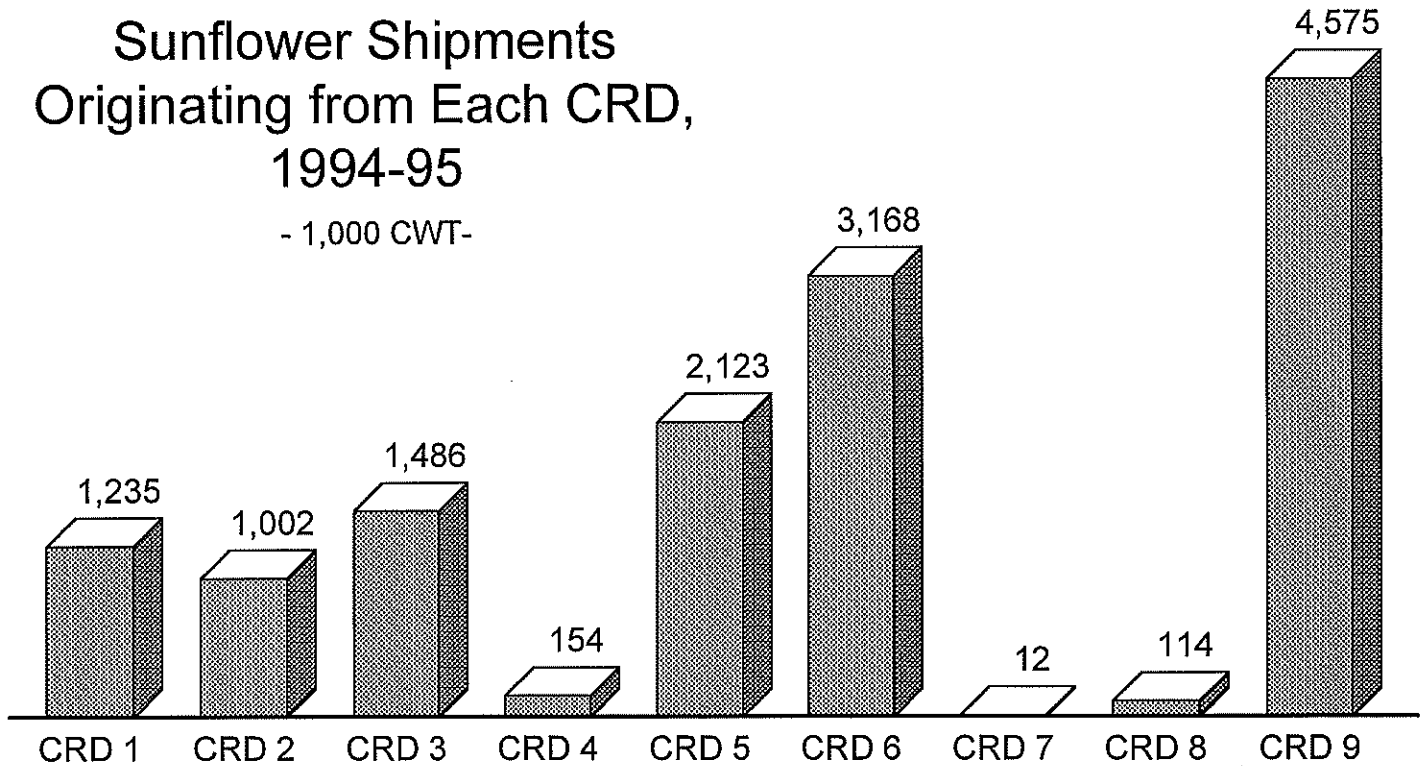
## Sunflowers

# NORTH DAKOTA CROP REPORTING DISTRICTS



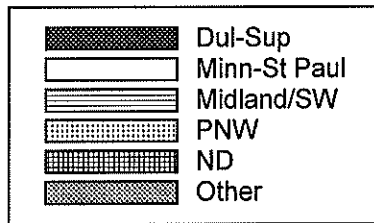
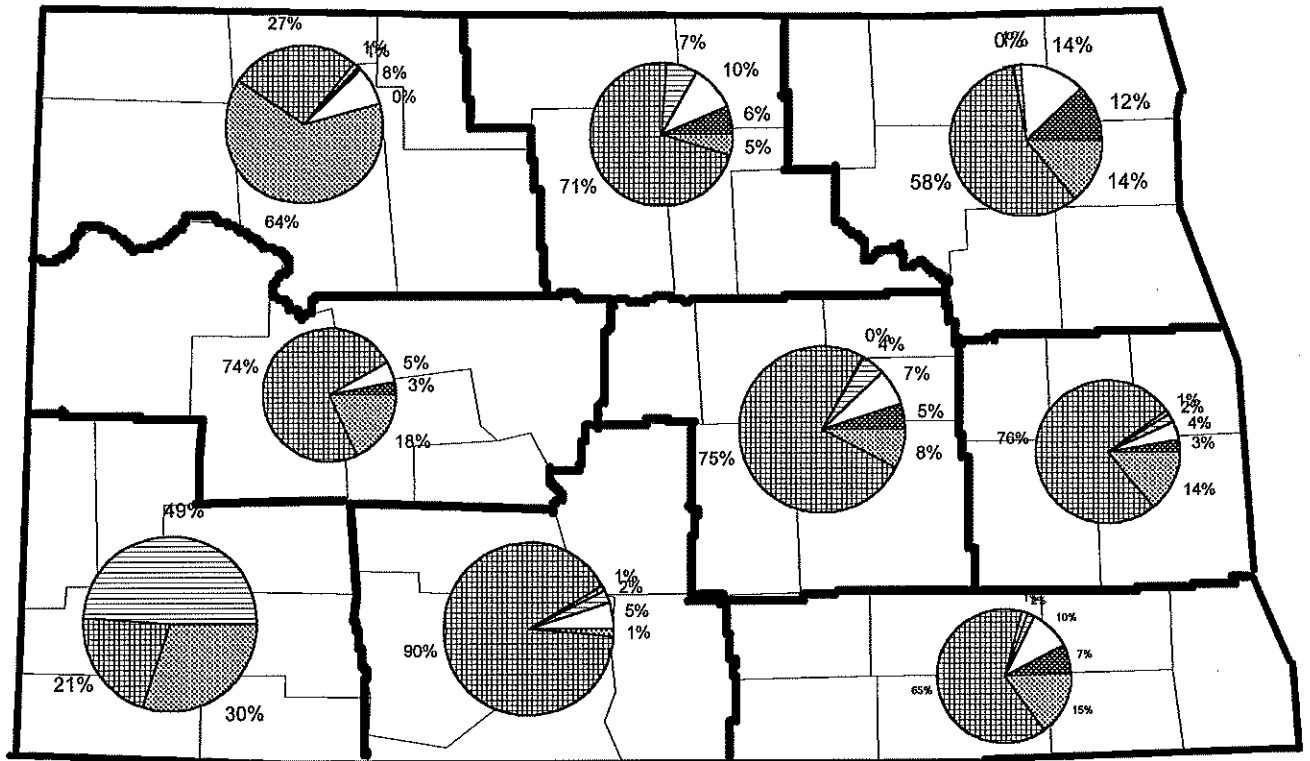
## Sunflower Shipments Originating from Each CRD, 1994-95

- 1,000 CWT-

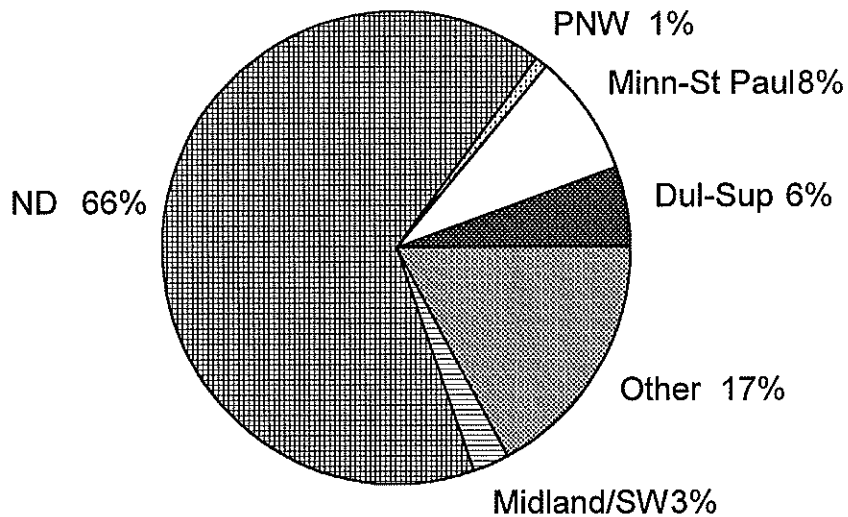




## Destinations for Sunflower Shipments from Each CRD, 1994-95

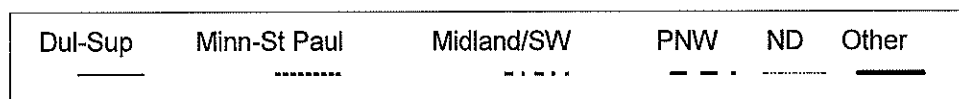
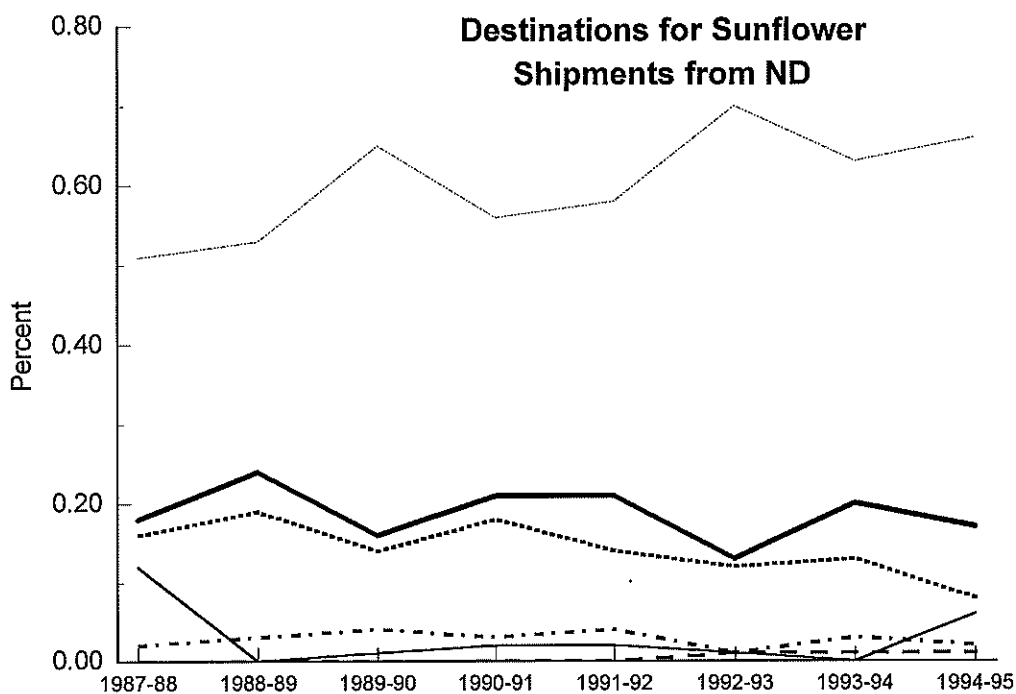


## Destinations for Sunflower Shipments from Elevators, 1994-95

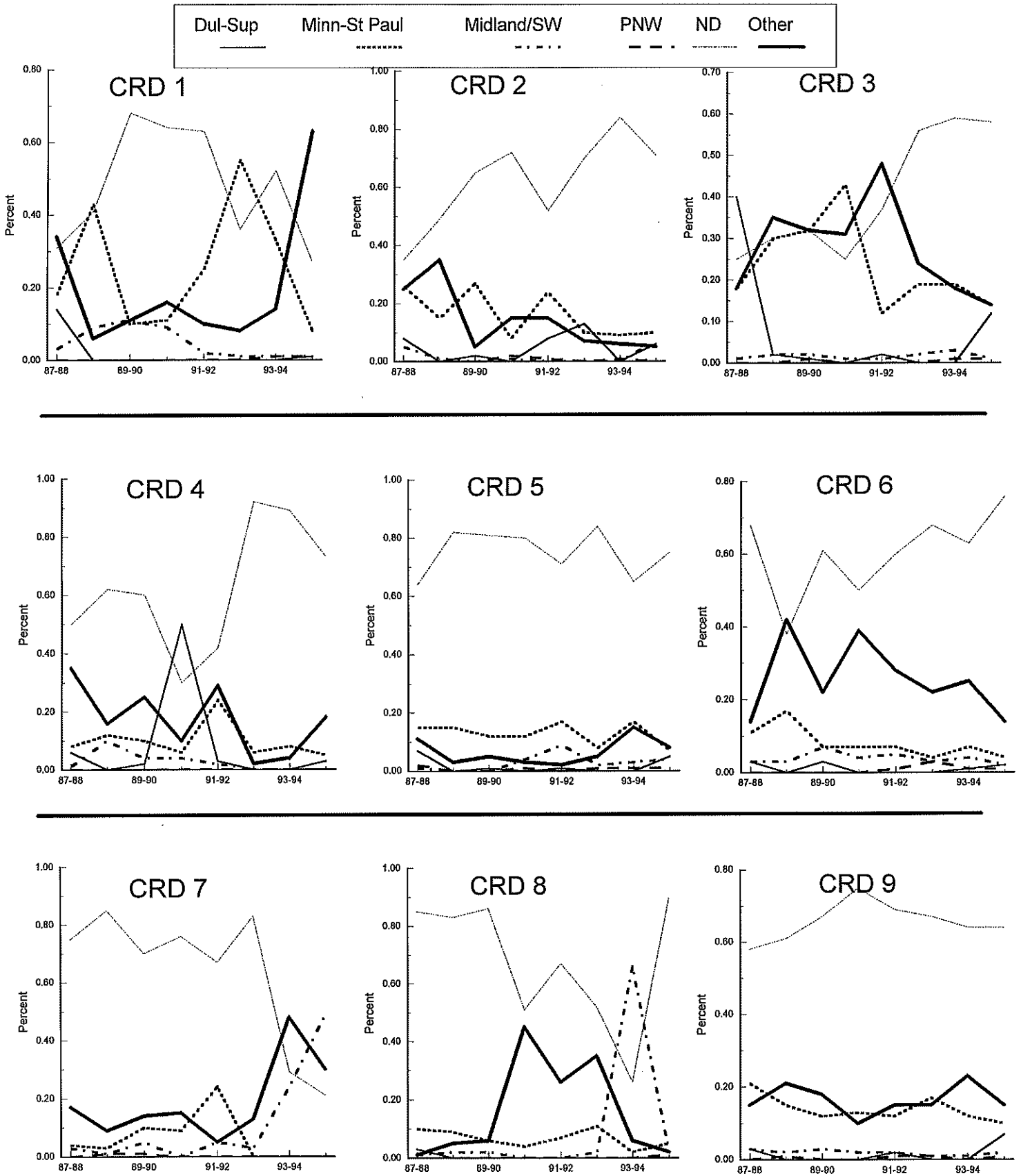


**Destinations for Sunflower Shipments from ND**  
(1,000 Cwt)

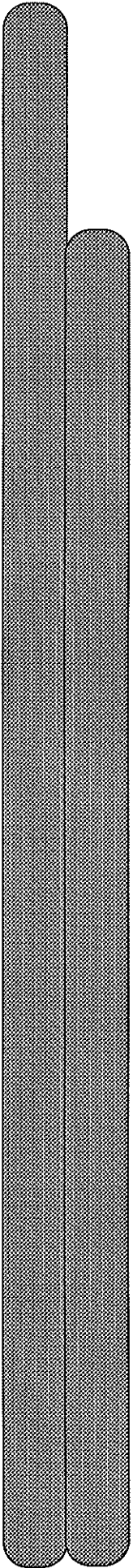
	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	121	1,258	334	21	5,870	1,404	9,008
	0.01	0.14	0.04	0.00	0.65	0.16	
1990-91	201	1,828	301	41	5,843	2,171	10,385
	0.02	0.18	0.03	0.00	0.56	0.21	
1991-92	325	2,285	596	64	9,364	3,432	16,066
	0.02	0.14	0.04	0.00	0.58	0.21	
1992-93	237	2,288	274	270	13,176	2,505	18,750
	0.01	0.12	0.01	0.01	0.70	0.13	
1993-94	11	931	202	43	4,622	1,476	7,285
	0.00	0.13	0.03	0.01	0.63	0.20	
1994-95	767	1,165	349	119	9,111	2,385	13,899
	0.06	0.08	0.03	0.01	0.66	0.17	



# Destinations for Sunflower Shipments from ND CRDs

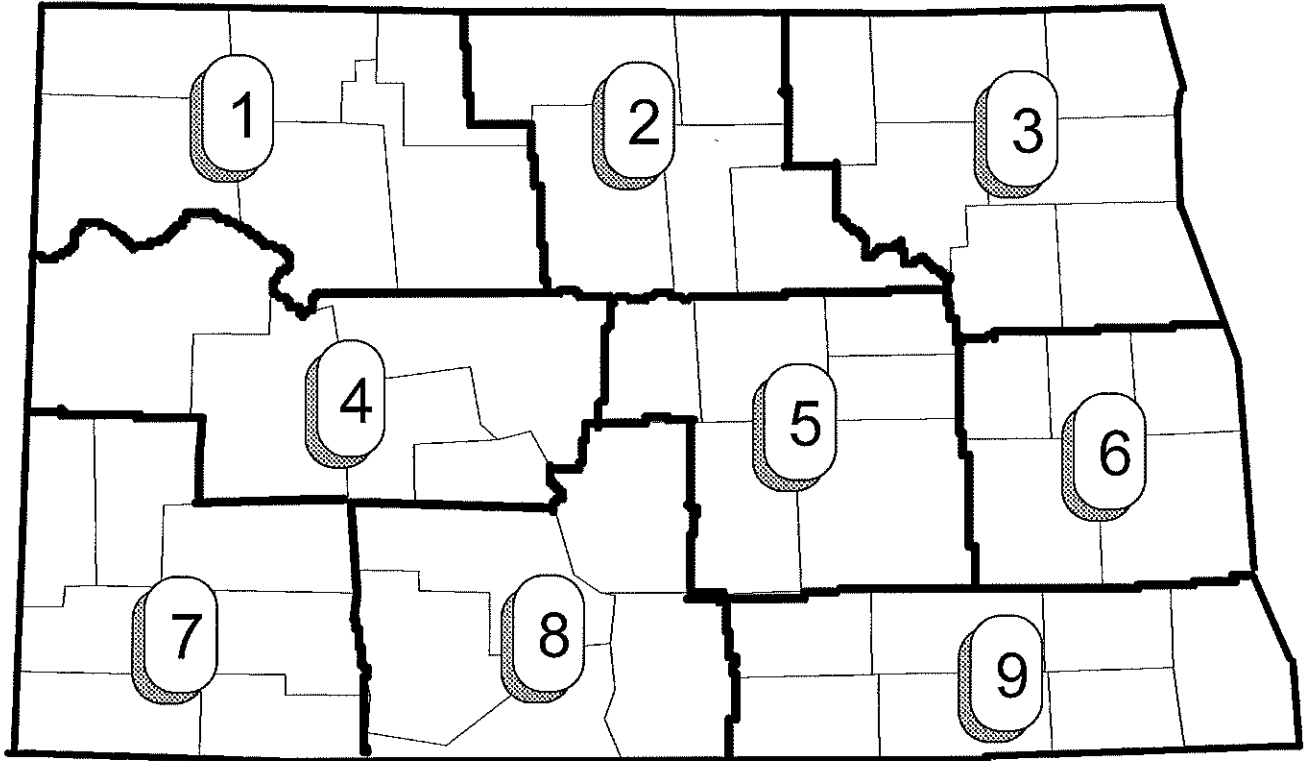




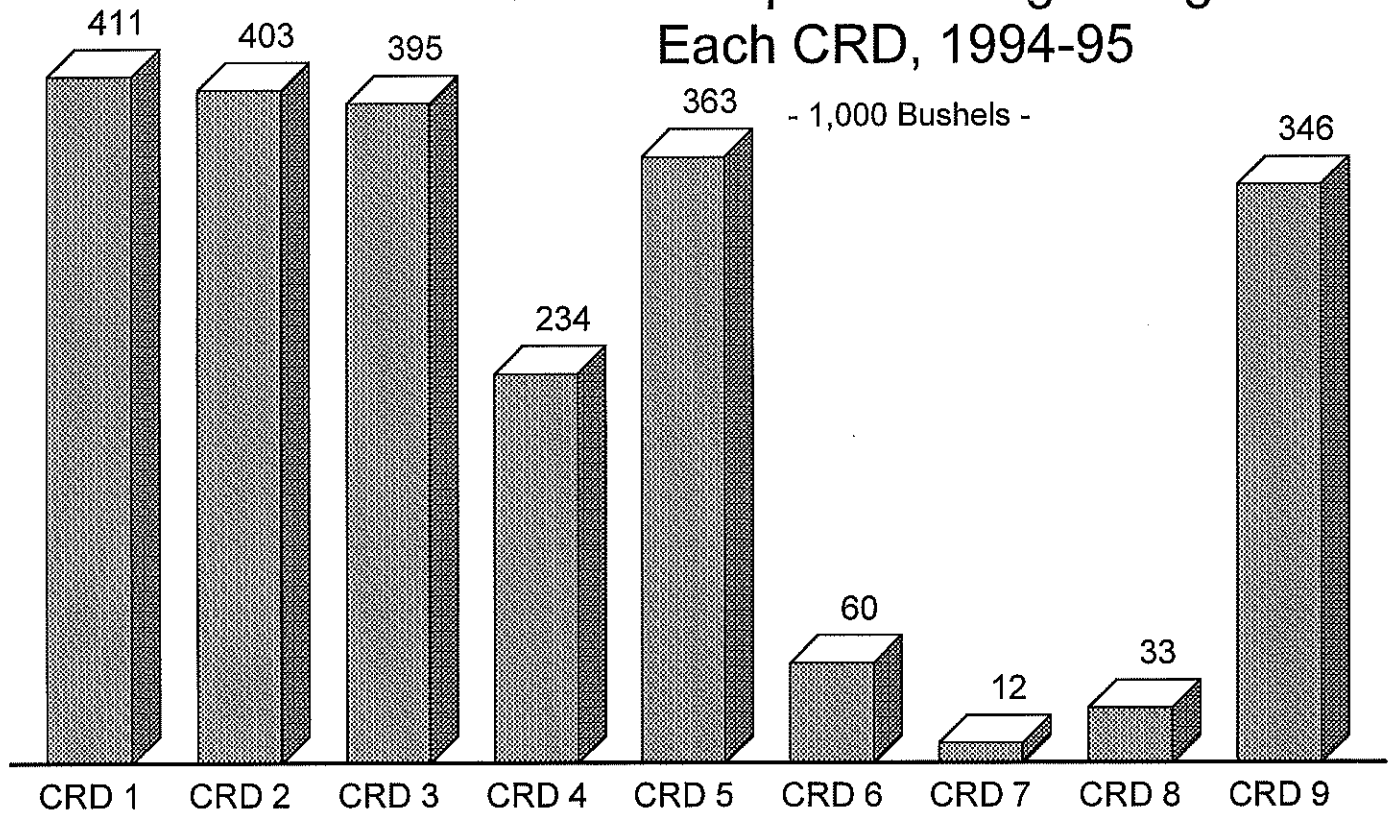


Flaxseed

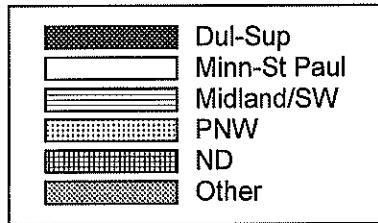
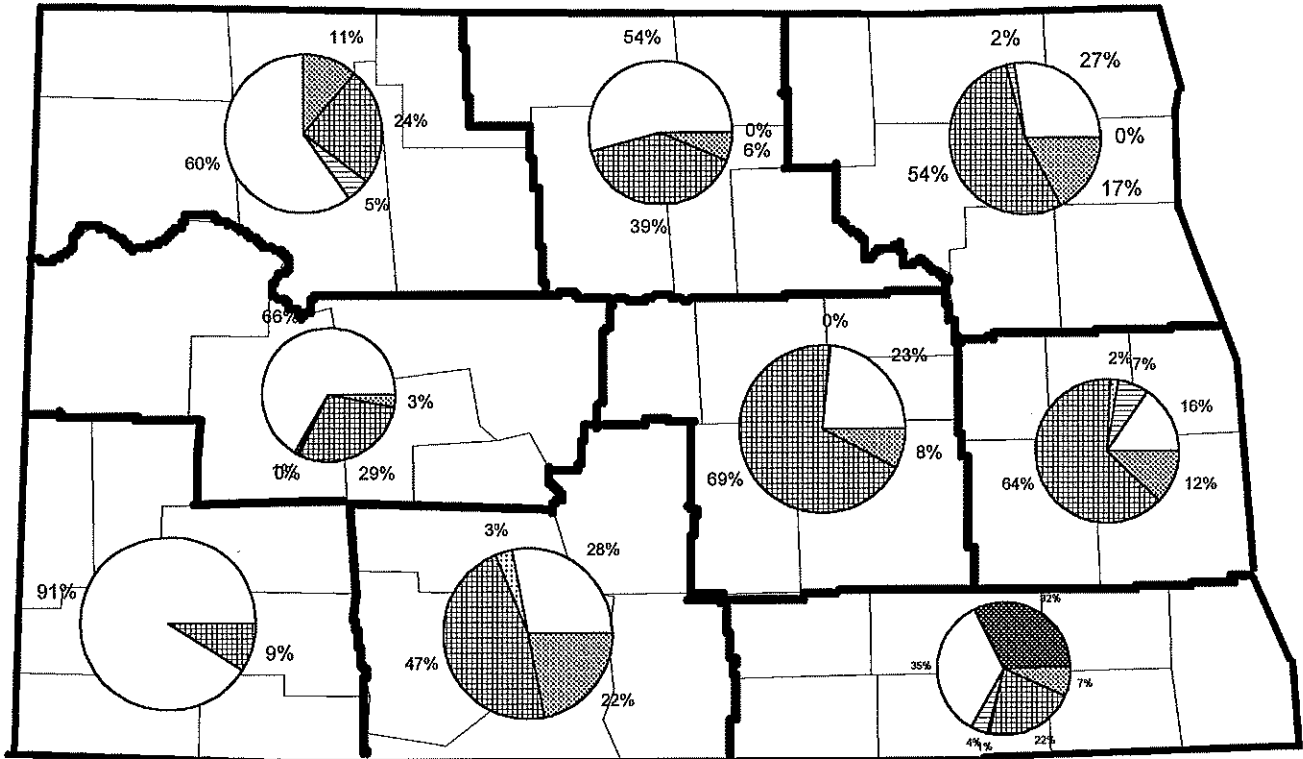
# NORTH DAKOTA CROP REPORTING DISTRICTS



## Flaxseed Shipments Originating from Each CRD, 1994-95

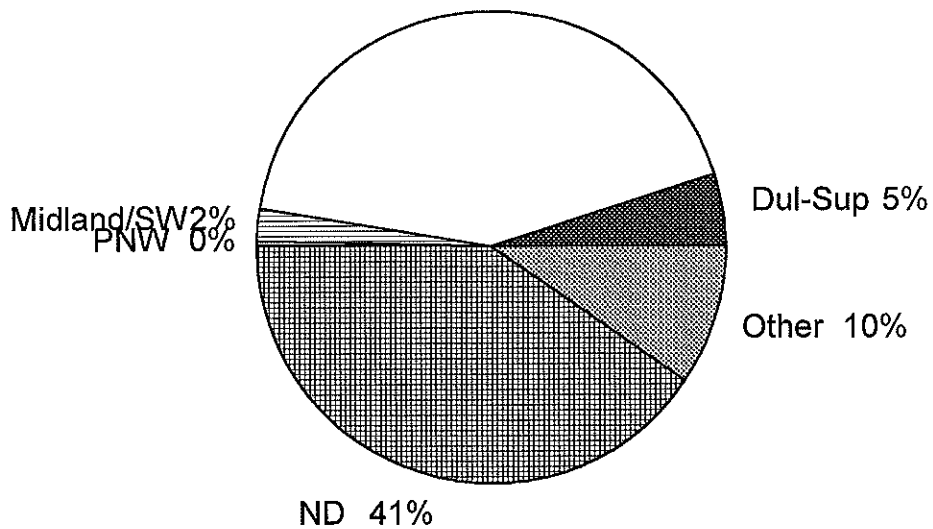


## Destinations for Flaxseed Shipments from Each CRD, 1994-95



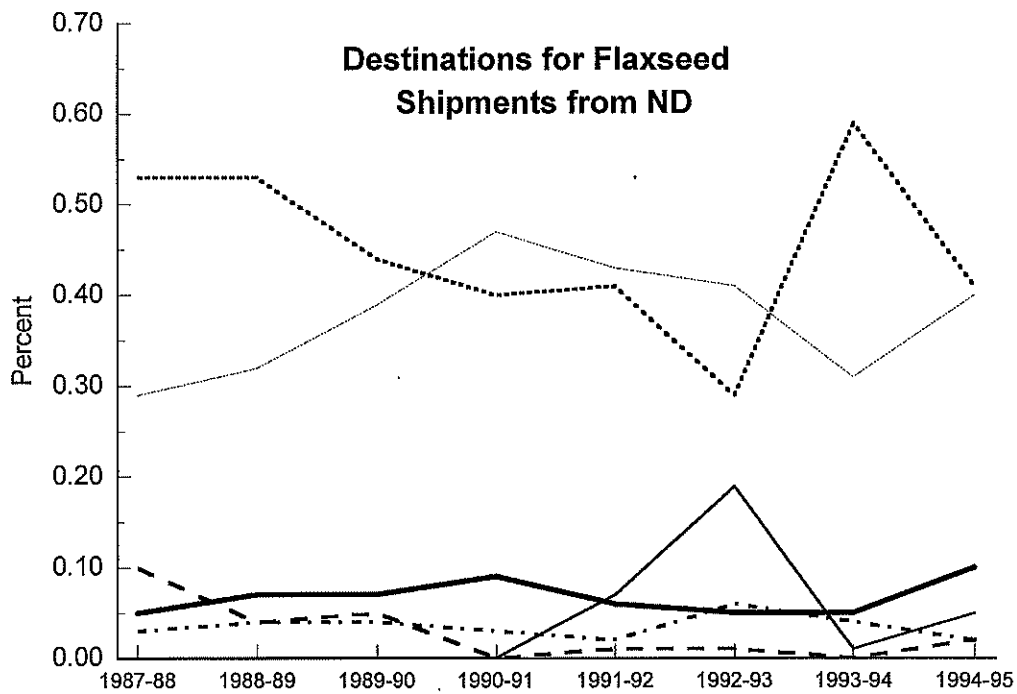
## Destinations for Flaxseed Shipments from Elevators, 1994-95

Minn-St Paul 42%



**Destinations for Flaxseed Shipments from ND**  
(1,000 Bushels)

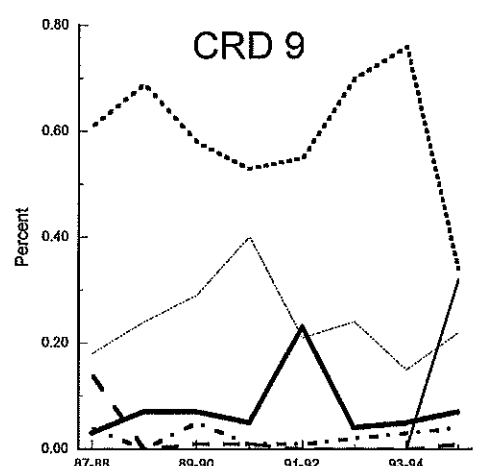
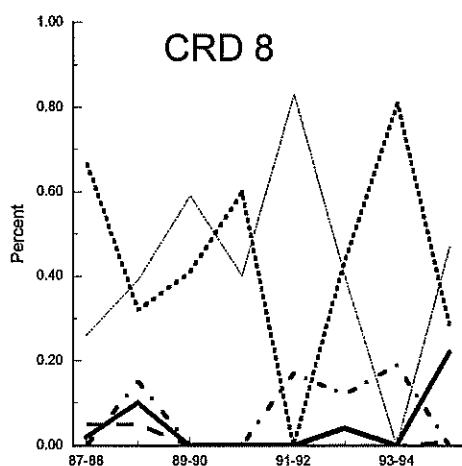
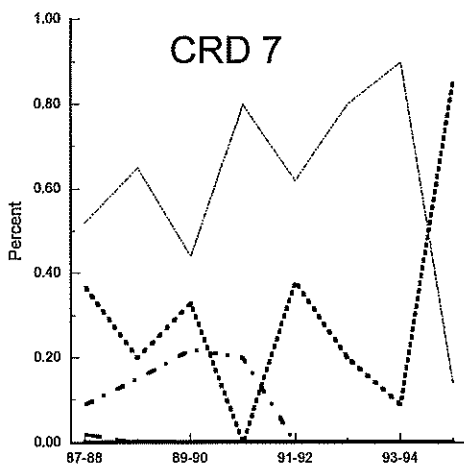
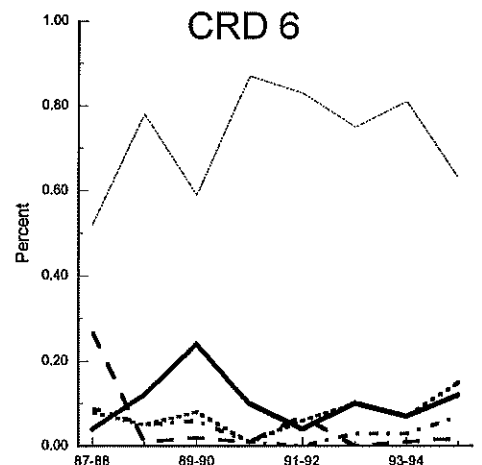
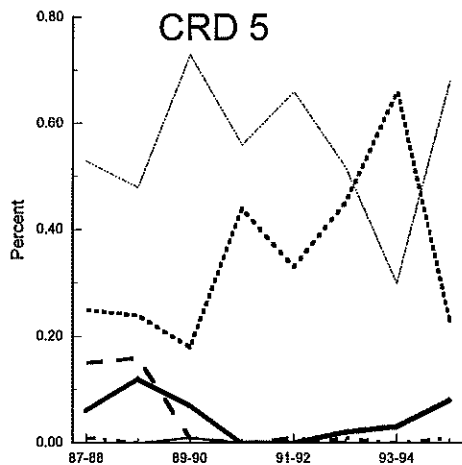
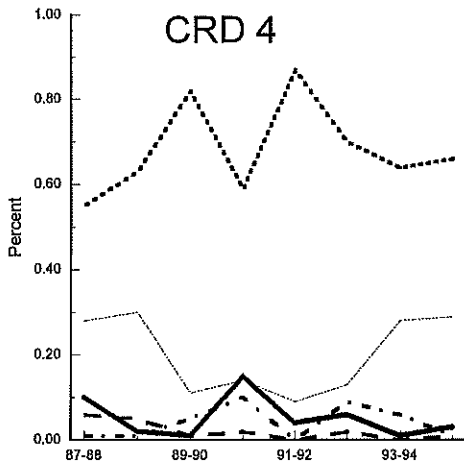
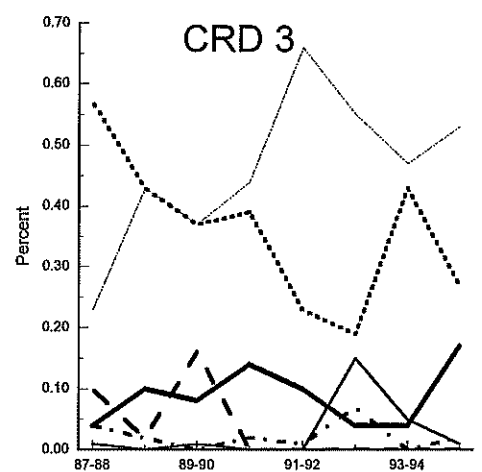
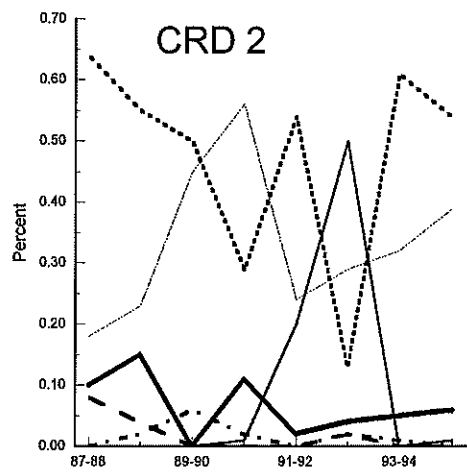
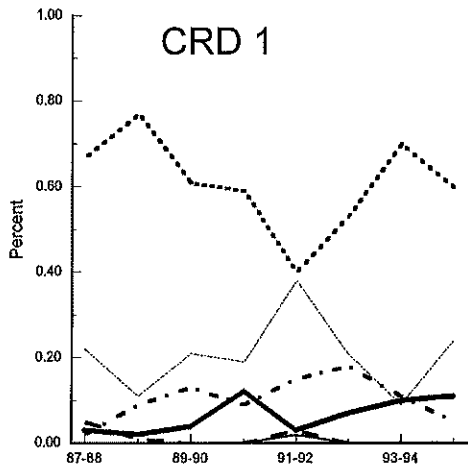
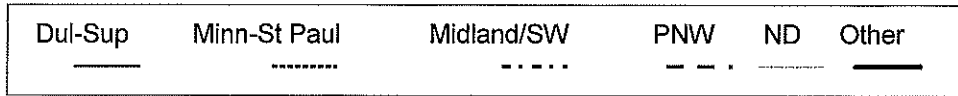
	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	4	478	48	51	425	71	1,077
	0.00	0.44	0.04	0.05	0.39	0.07	
1990-91	6	909	69	7	1,068	199	2,258
	0.00	0.40	0.03	0.00	0.47	0.09	
1991-92	297	1,668	81	46	1,751	238	4,081
	0.07	0.41	0.02	0.01	0.43	0.06	
1992-93	682	1,036	205	29	1,501	168	3,621
	0.19	0.29	0.06	0.01	0.41	0.05	
1993-94	25	1,290	80	2	683	12	2,092
	0.01	0.62	0.04	0.00	0.33	0.01	
1994-95	112	958	50	5	916	217	2,261
	0.05	0.42	0.02	0.00	0.41	0.10	



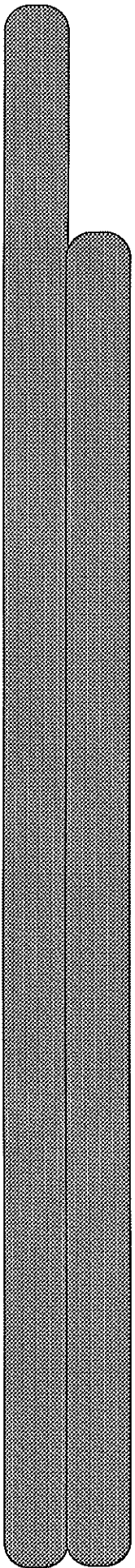
Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other
—	.....	- - - -	- . - .	- - - -	—



# Destinations for Flaxseed Shipments from ND CRDs

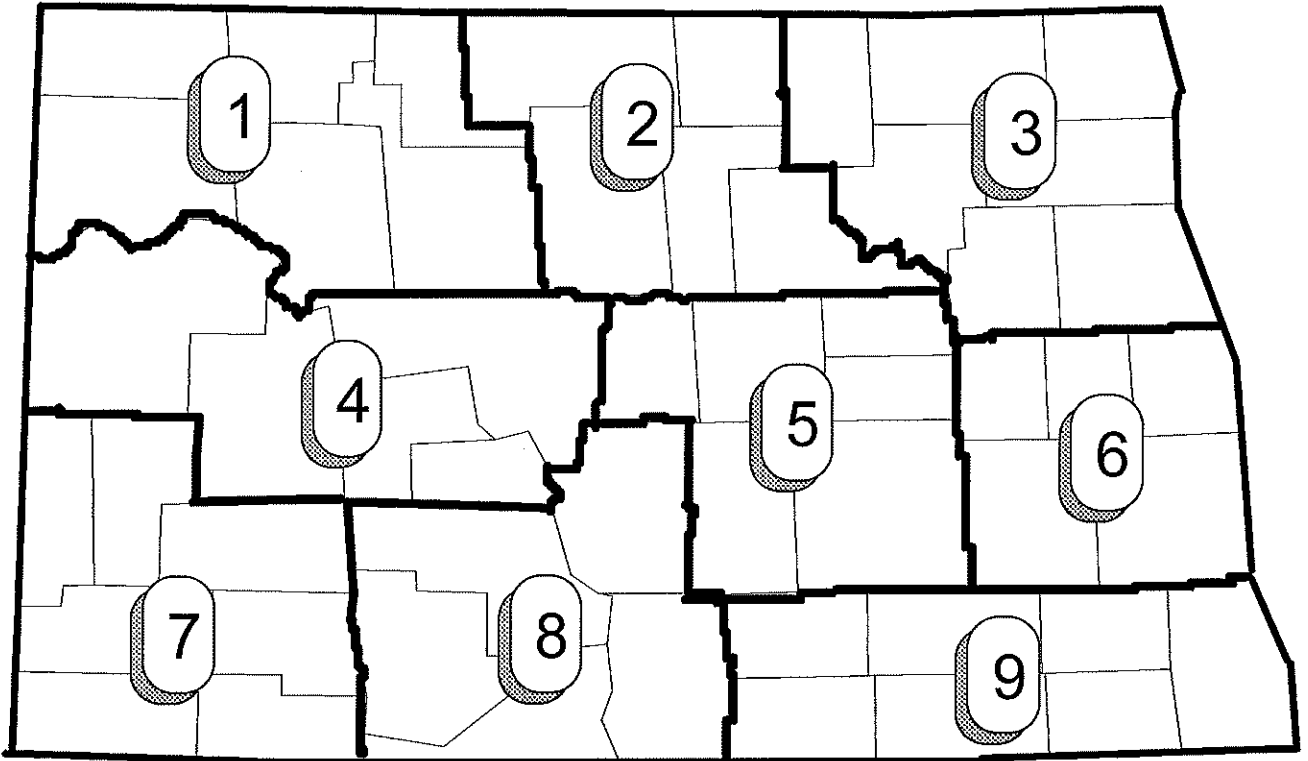






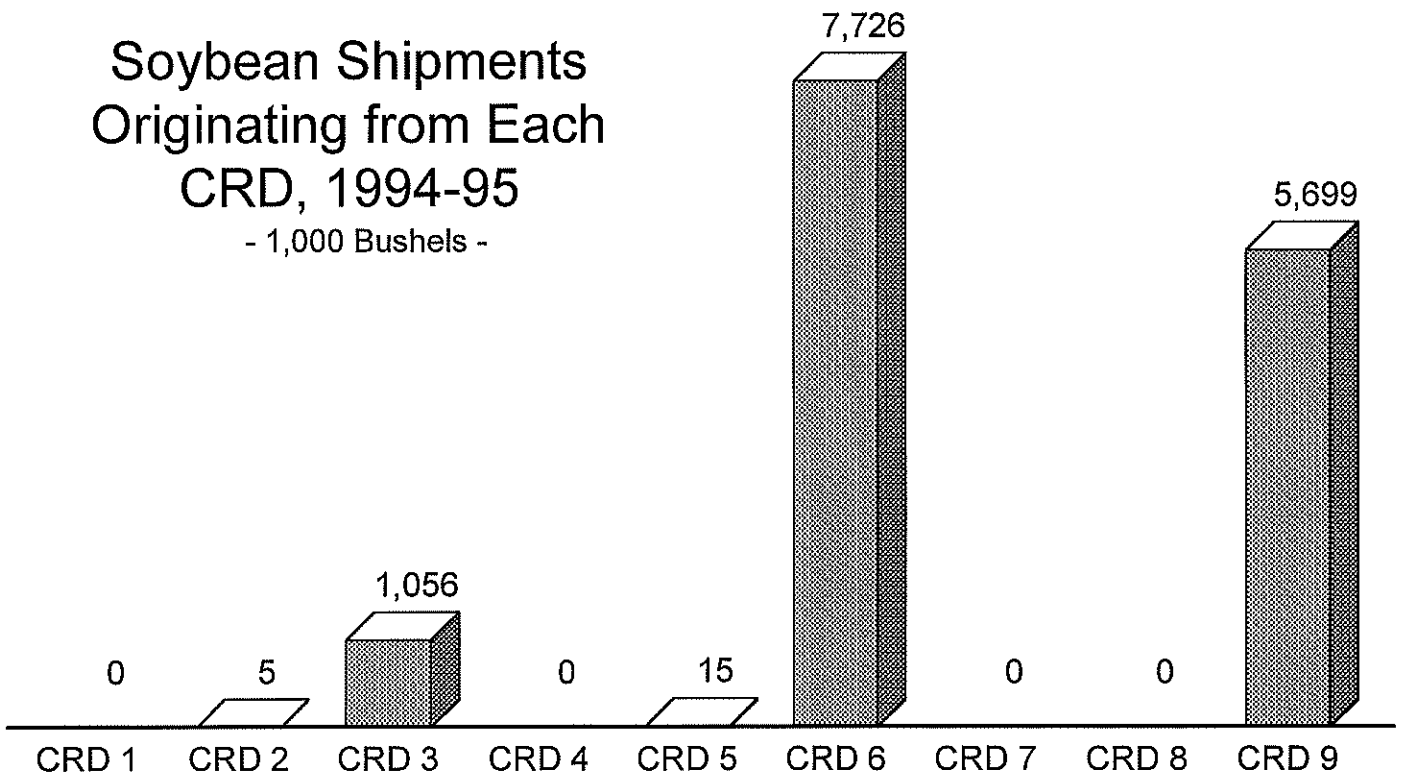
Soybeans

# NORTH DAKOTA CROP REPORTING DISTRICTS

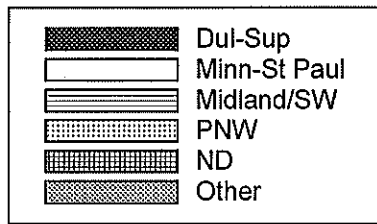
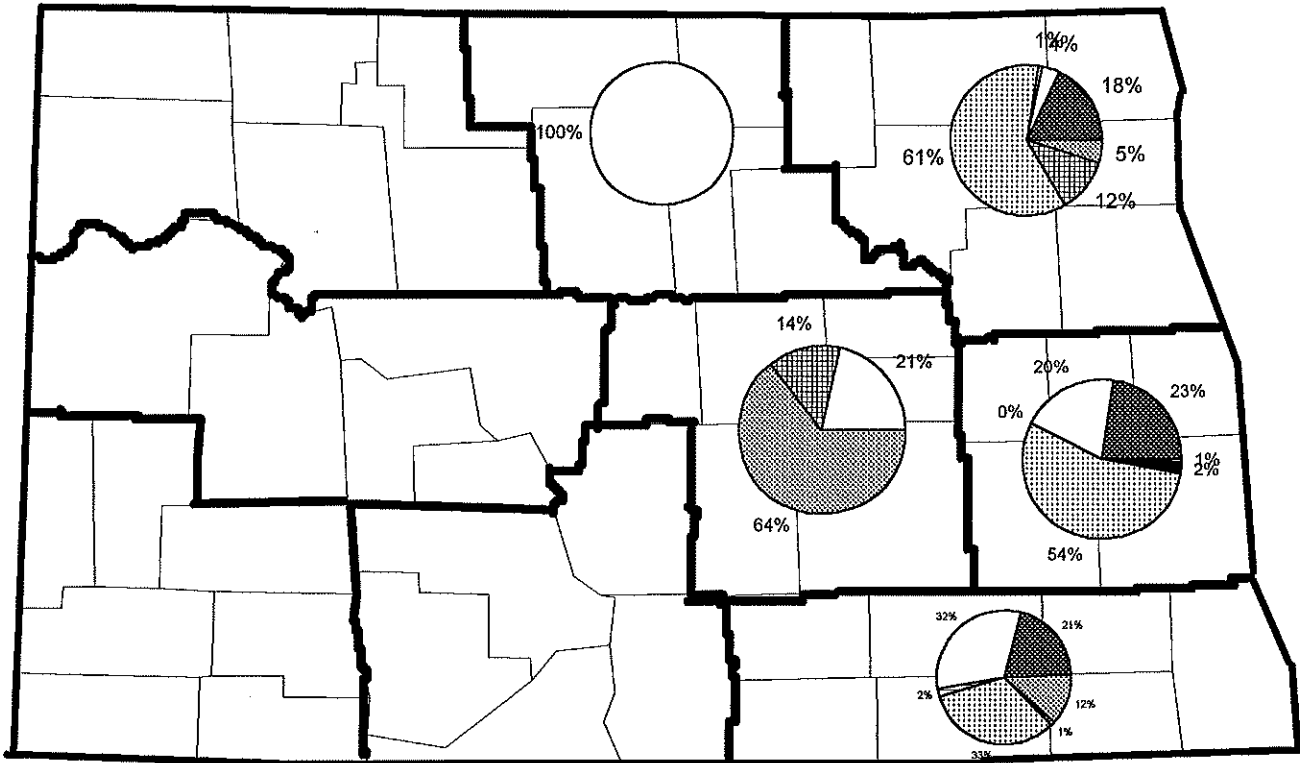


## Soybean Shipments Originating from Each CRD, 1994-95

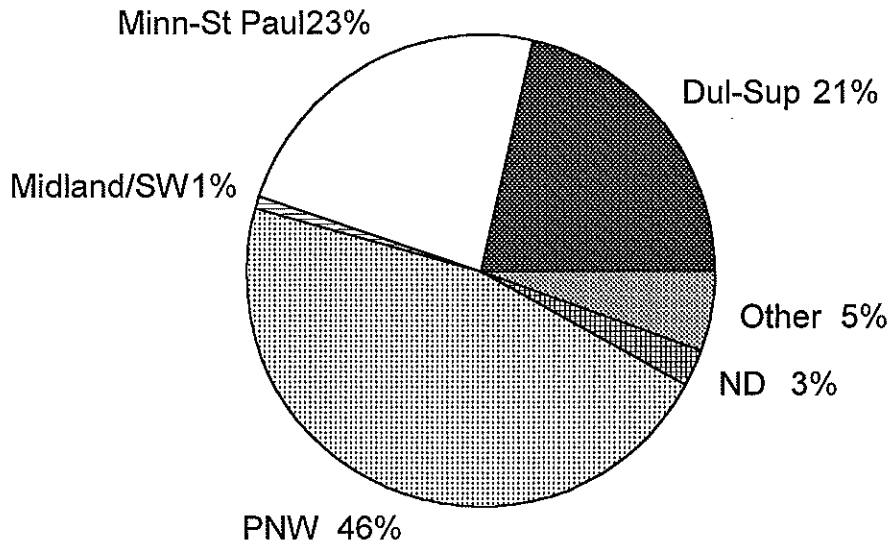
- 1,000 Bushels -



## Destinations for Soybean Shipments from Each CRD, 1994-95

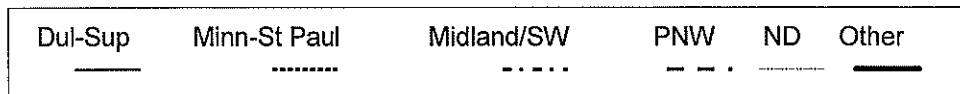
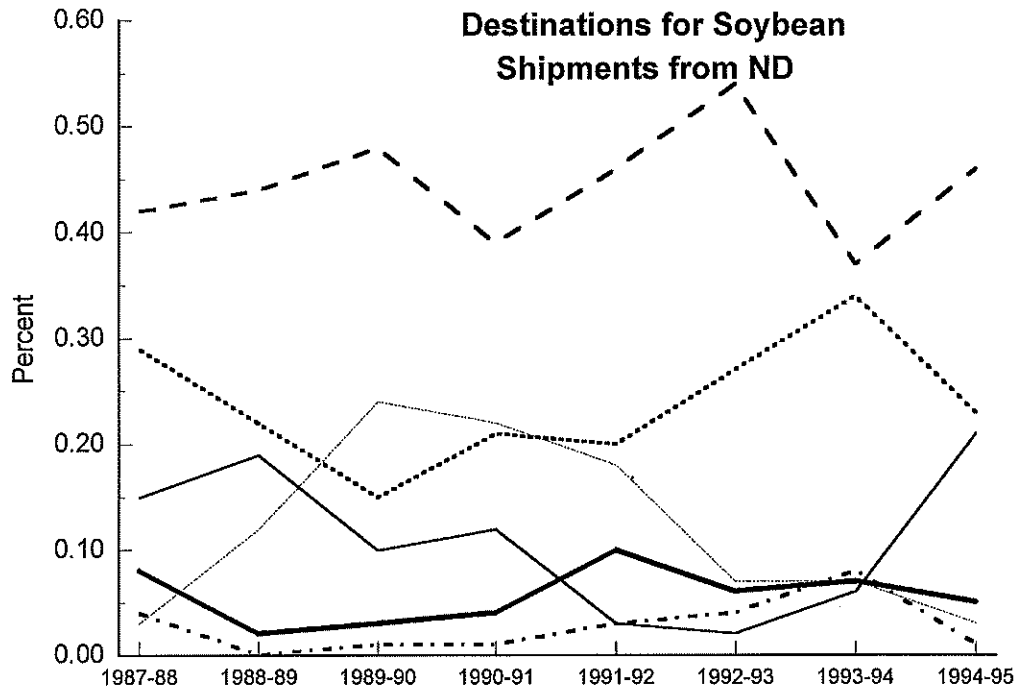


## Destinations for Soybean Shipments from Elevators, 1994-95

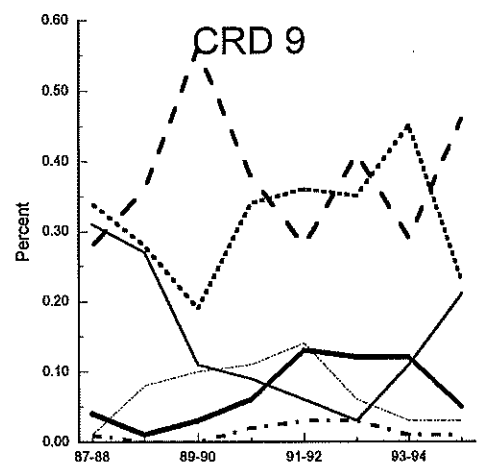
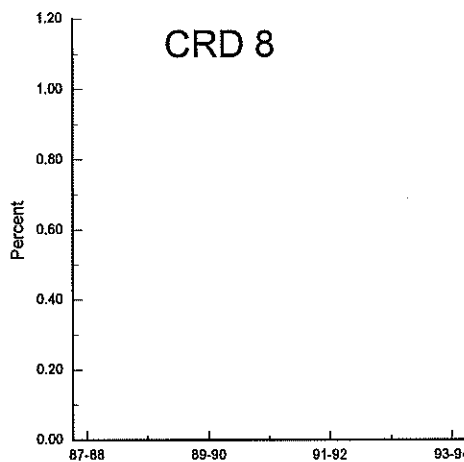
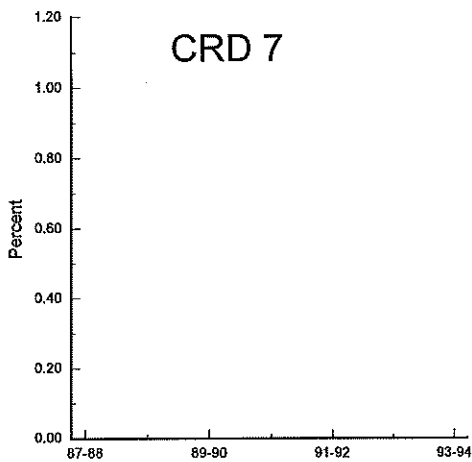
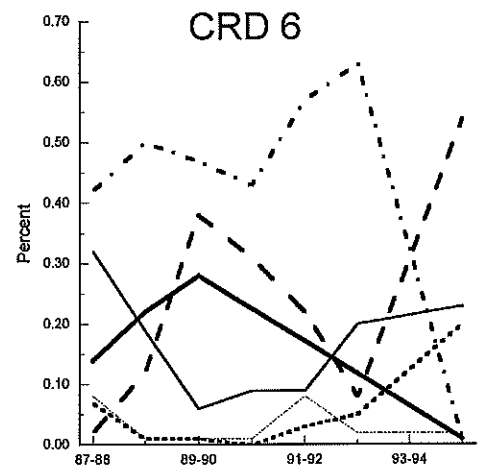
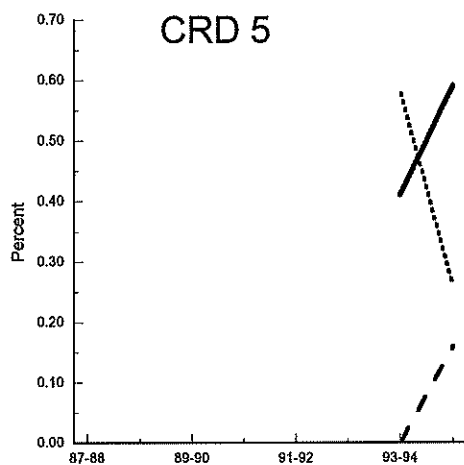
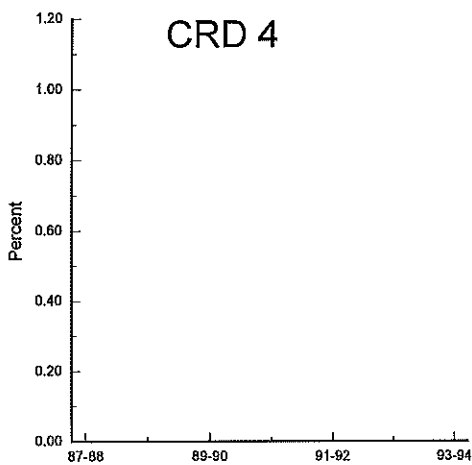
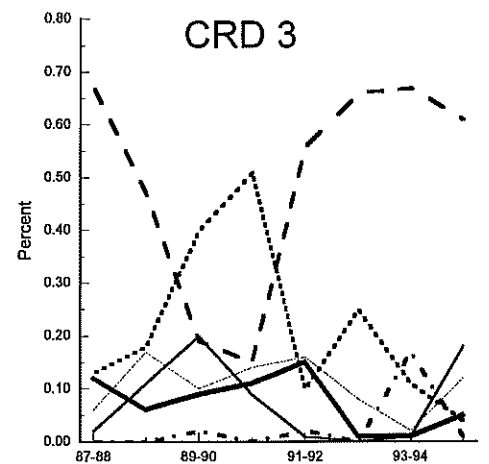
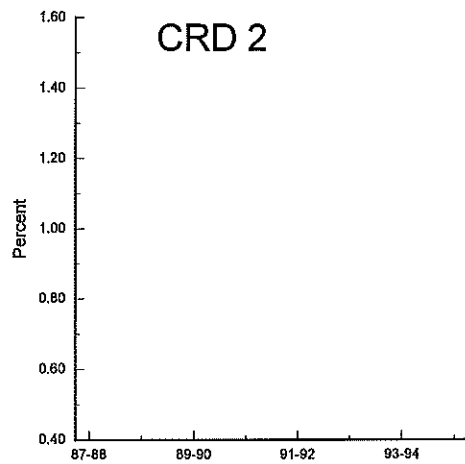
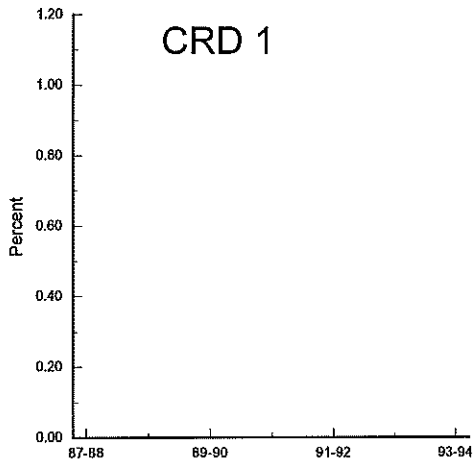
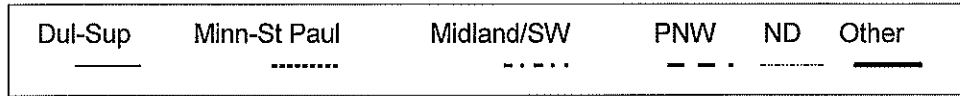


**Destinations for Soybean Shipments from ND**  
(1,000 Cwt)

	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	1,379	2,131	111	6,712	3,304	379	14,016
	0.10	0.15	0.01	0.48	0.24	0.03	
1990-91	1,268	2,189	81	4,001	2,285	361	10,185
	0.12	0.21	0.01	0.39	0.22	0.04	
1991-92	511	3,255	428	7,552	3,002	1,715	16,463
	0.03	0.20	0.03	0.46	0.18	0.10	
1992-93	354	4,136	558	8,396	1,113	971	15,528
	0.02	0.27	0.04	0.54	0.07	0.06	
1993-94	182	1,057	5,718	305	268	5,508	13,038
	0.01	0.08	0.44	0.02	0.02	0.42	
1994-95	3,110	3,391	120	6,716	372	791	14,503
	0.21	0.23	0.01	0.46	0.03	0.05	

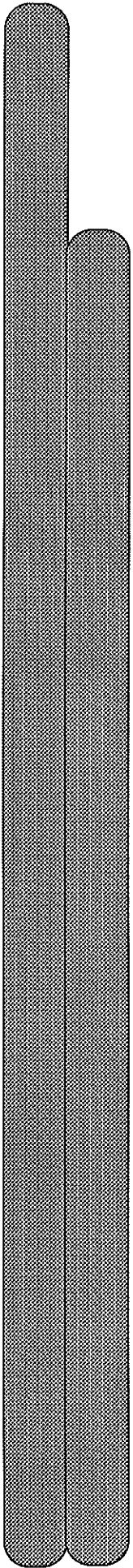


# Destinations for Soybean Shipments from ND CRDs



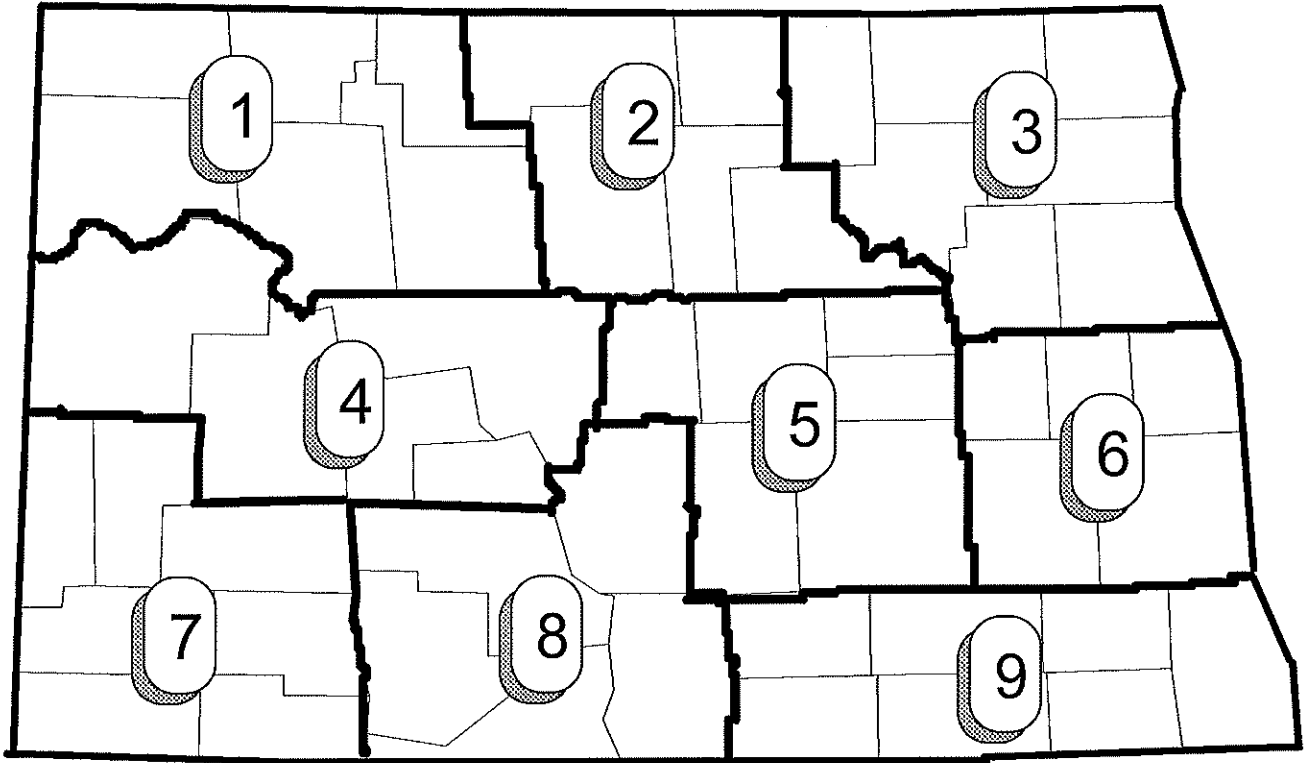




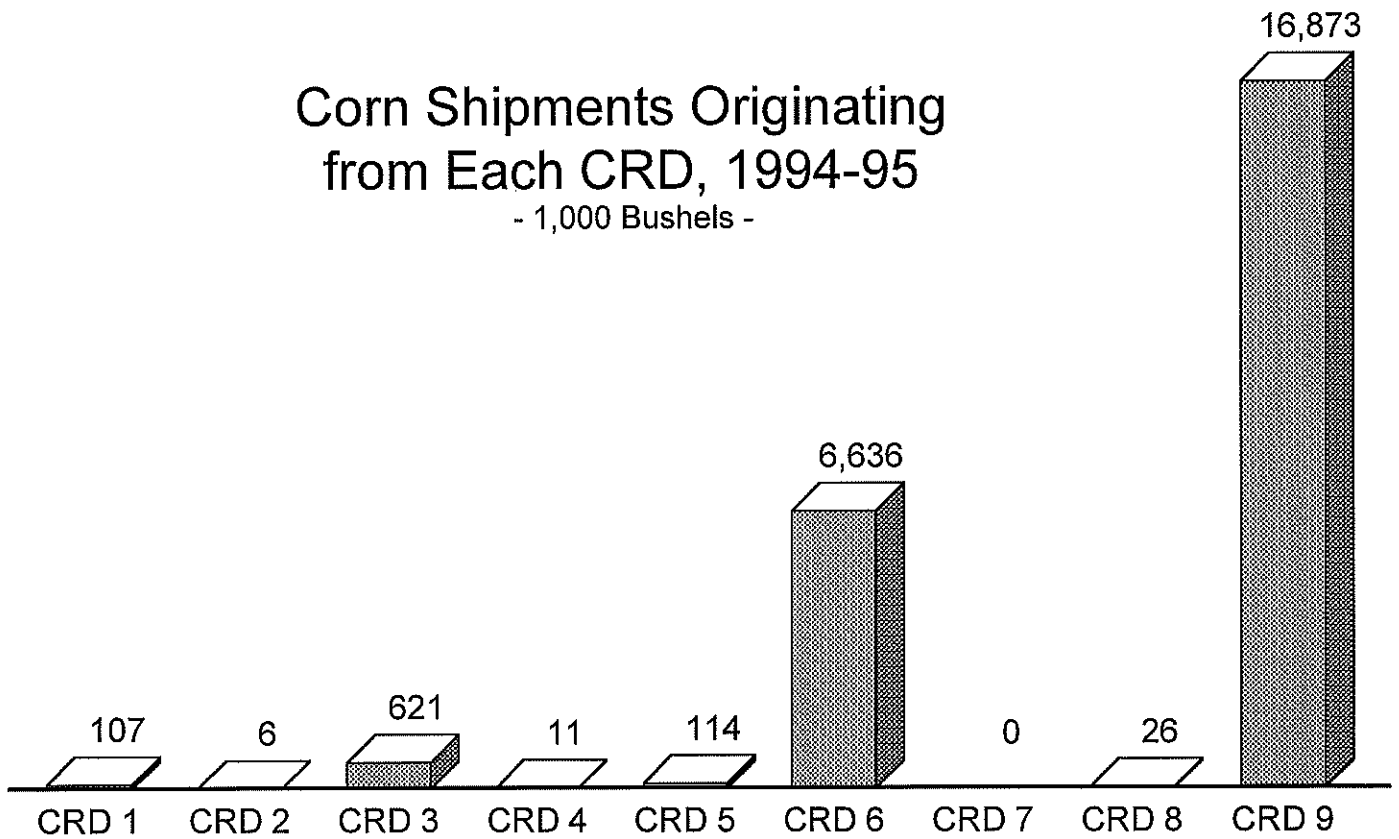


Corn

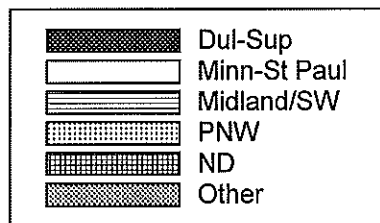
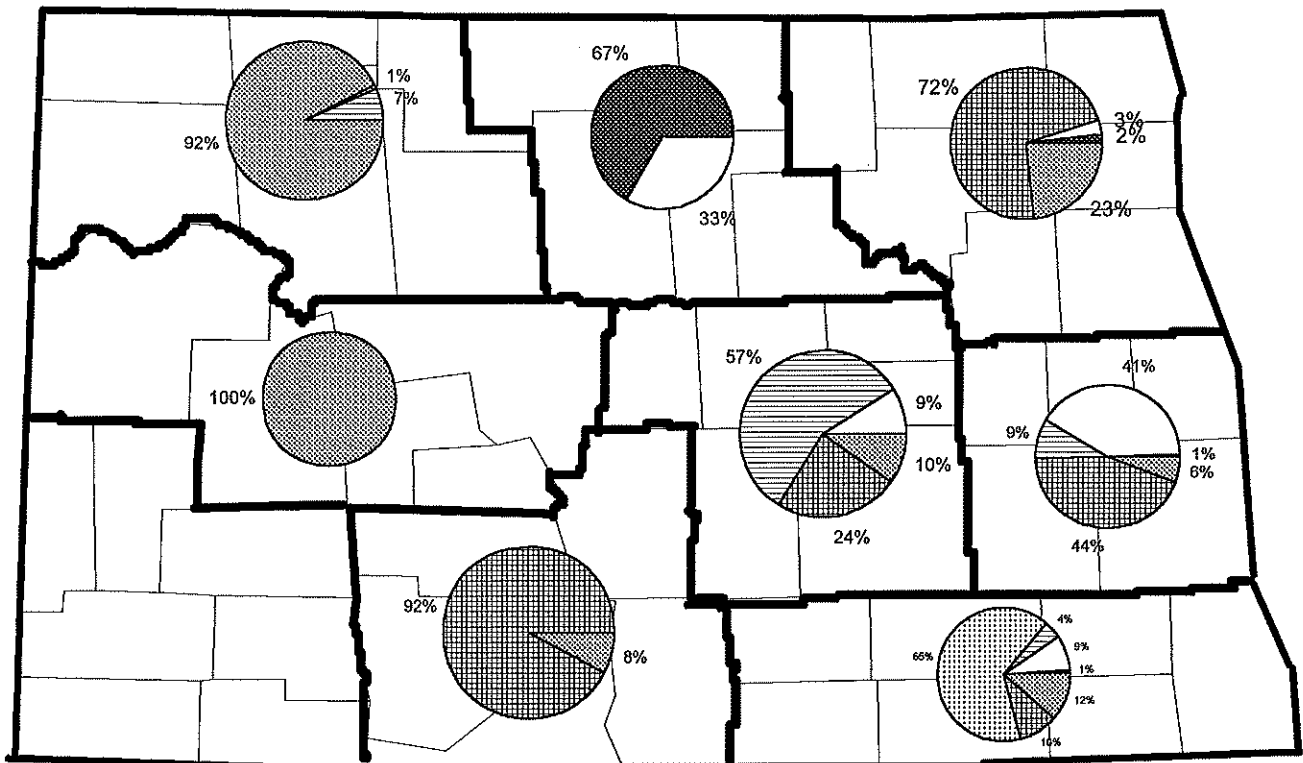
# NORTH DAKOTA CROP REPORTING DISTRICTS



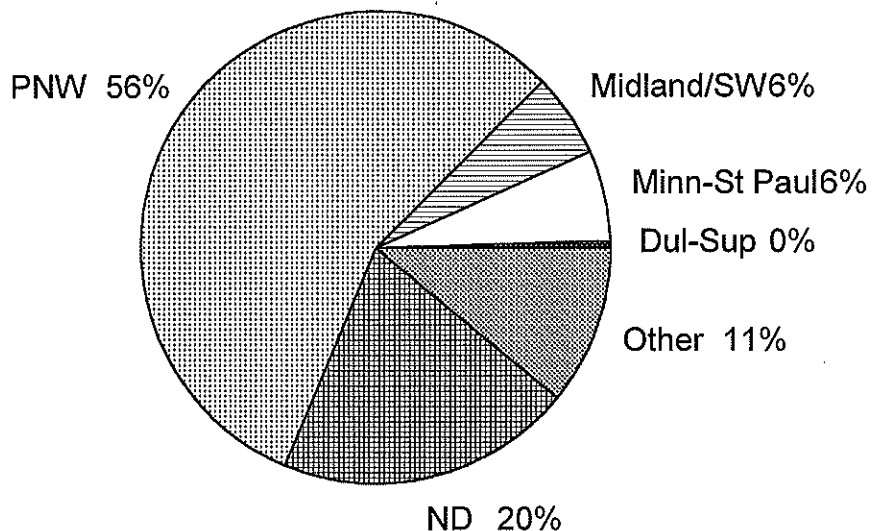
Corn Shipments Originating  
from Each CRD, 1994-95  
- 1,000 Bushels -



## Destinations for Corn Shipments from Each CRD, 1994-95

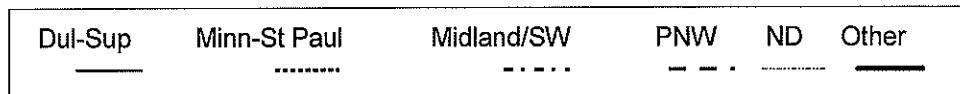
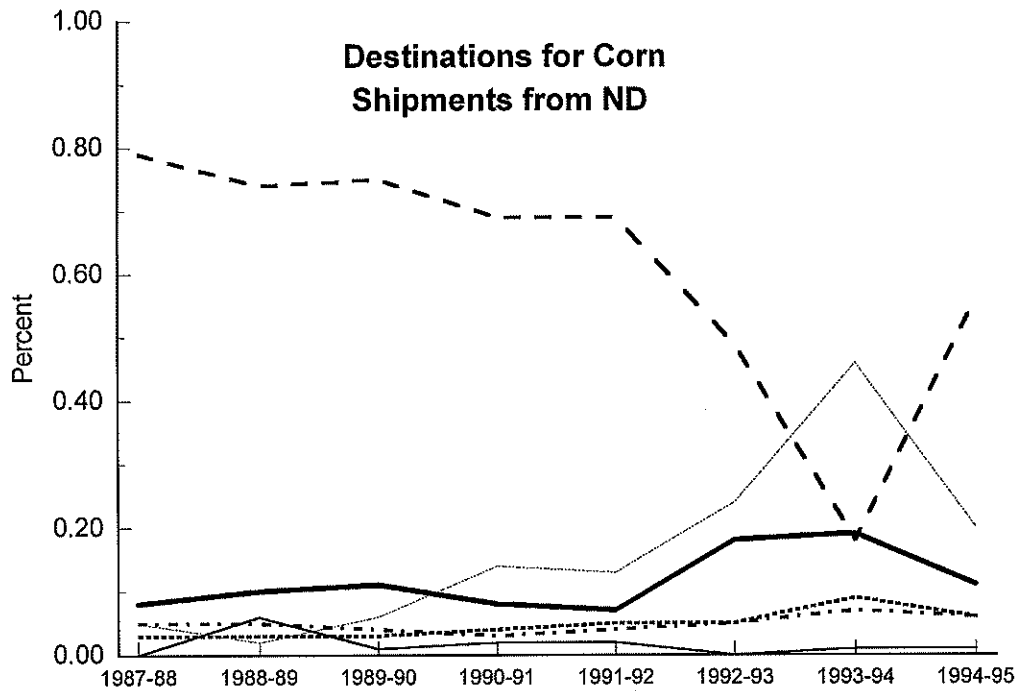


## Destinations for Corn Shipments from Elevators, 1994-95

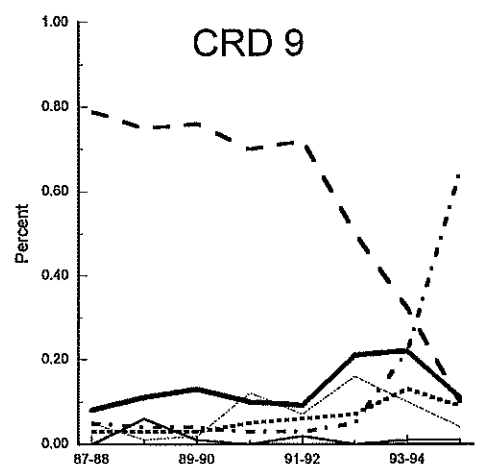
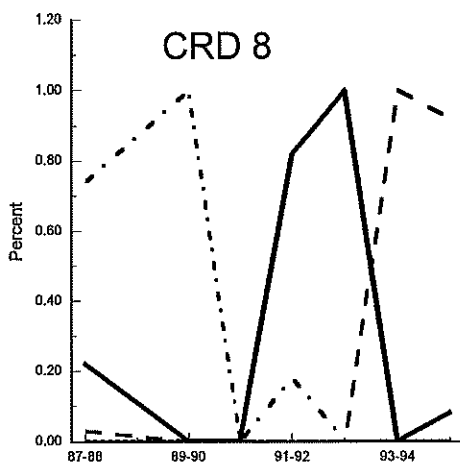
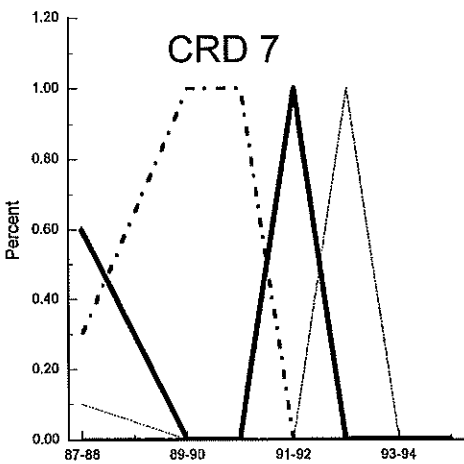
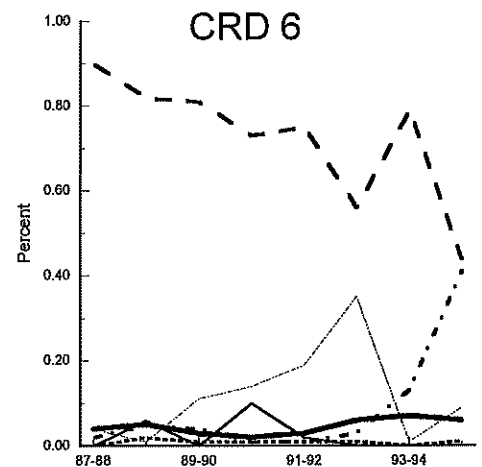
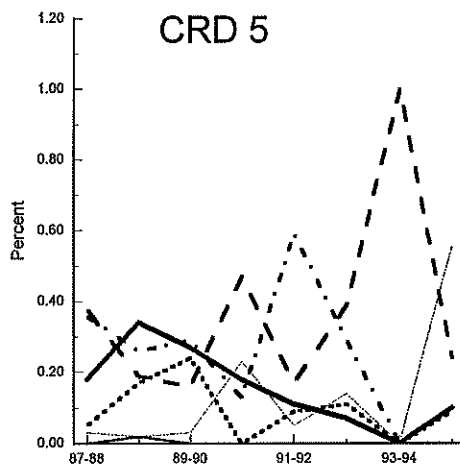
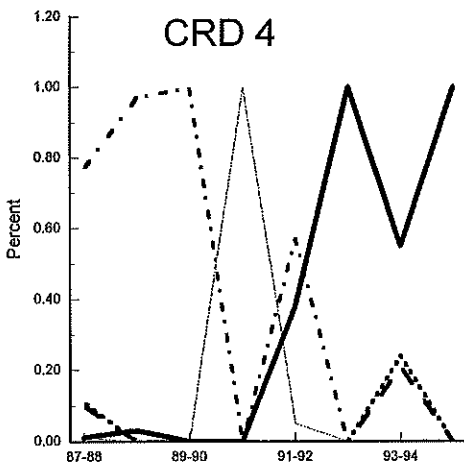
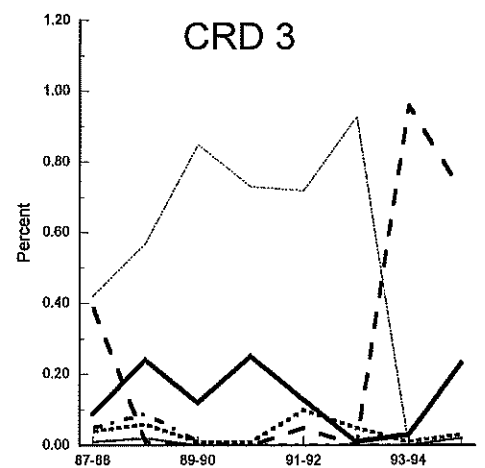
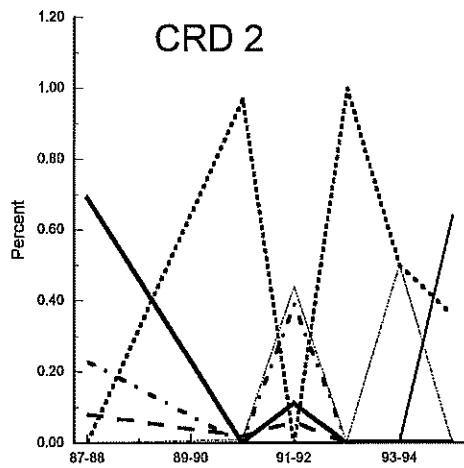
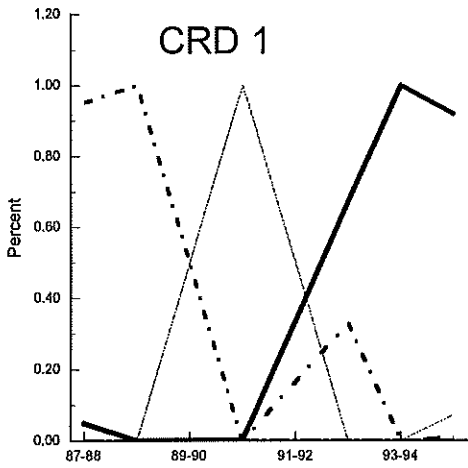
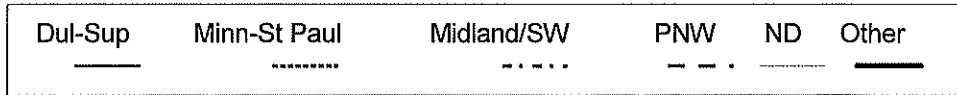


**Destinations for Corn Shipments from ND**  
(1,000 Bushels)

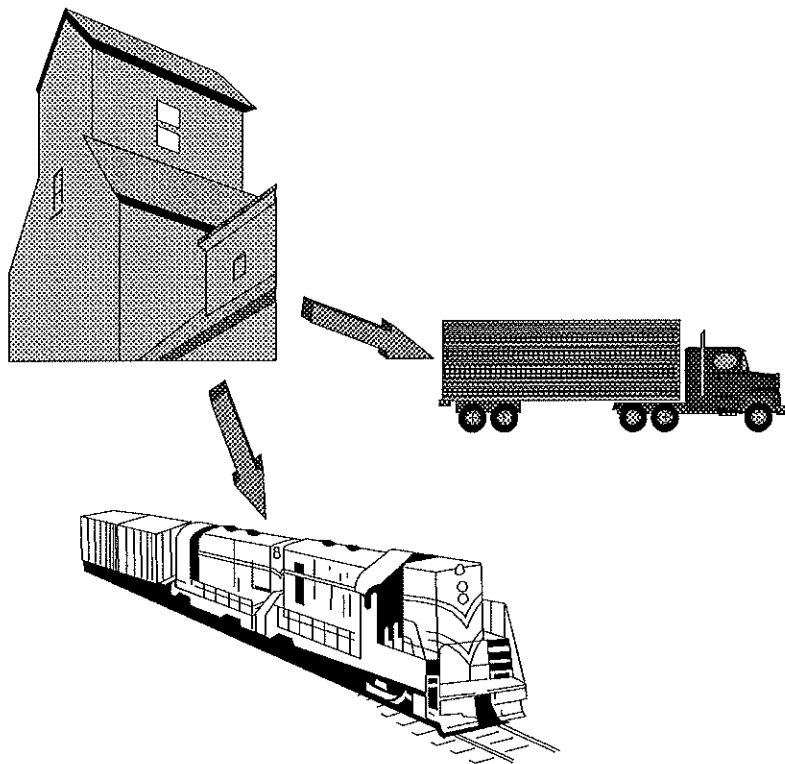
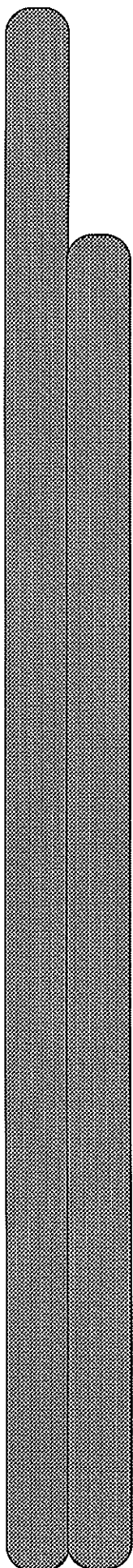
	Dul-Sup	Minn-St Paul	Midland/SW	PNW	ND	Other	Total
1989-90	358	981	1,481	26,133	1,967	3,844	34,764
	0.01	0.03	0.04	0.75	0.06	0.11	
1990-91	710	1,188	715	19,590	3,929	2,303	28,435
	0.03	0.04	0.03	0.69	0.14	0.08	
1991-92	666	1,873	1,287	25,034	4,603	2,621	36,084
	0.02	0.05	0.04	0.69	0.13	0.07	
1992-93	0	929	814	8,903	4,247	3,161	18,054
	0.00	0.05	0.05	0.49	0.24	0.18	
1993-94	75	727	574	1,465	3,672	1,533	8,046
	0.01	0.09	0.07	0.18	0.46	0.19	
1994-95	113	1,506	1,410	13,703	4,992	2,671	24,398
	0.00	0.06	0.06	0.56	0.20	0.11	



# Destinations for Corn Shipments from ND CRDs







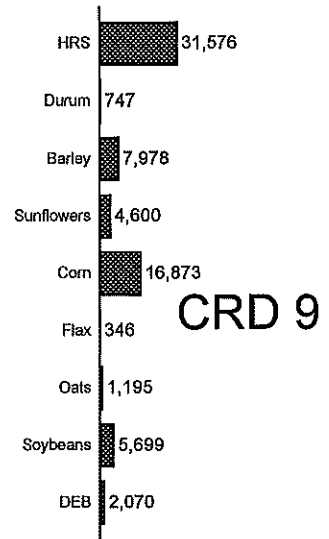
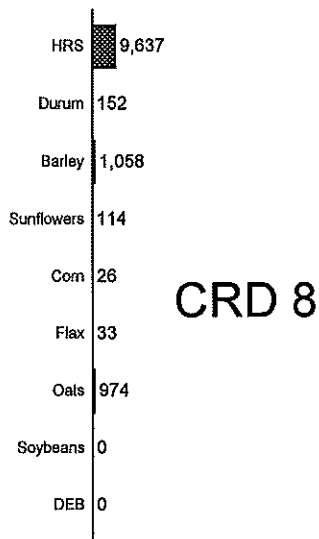
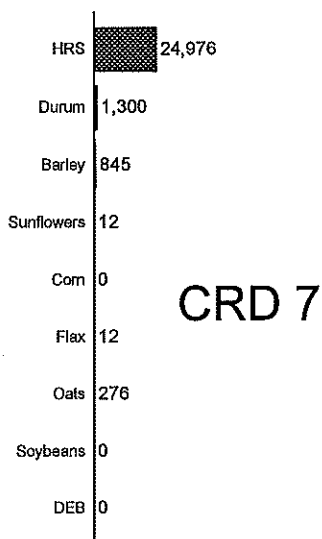
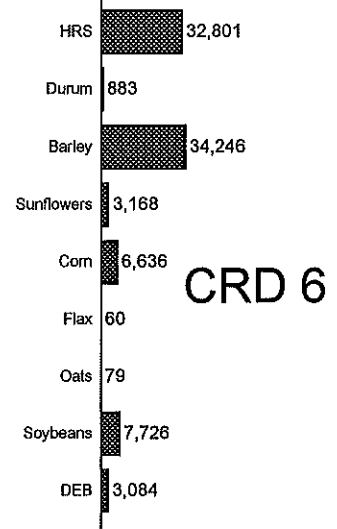
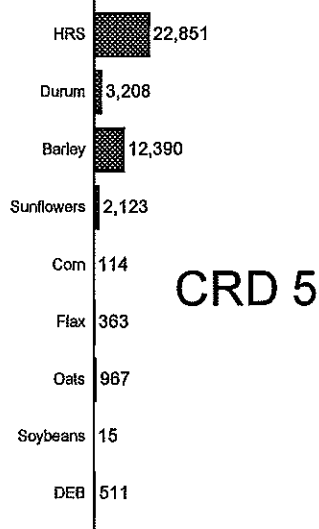
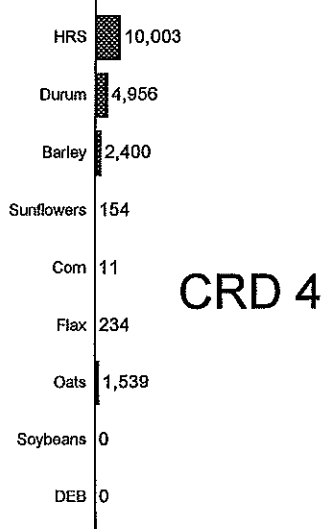
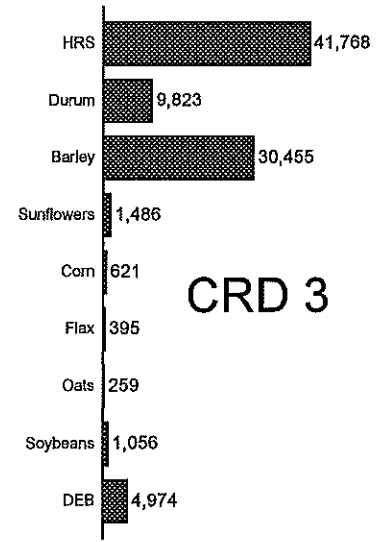
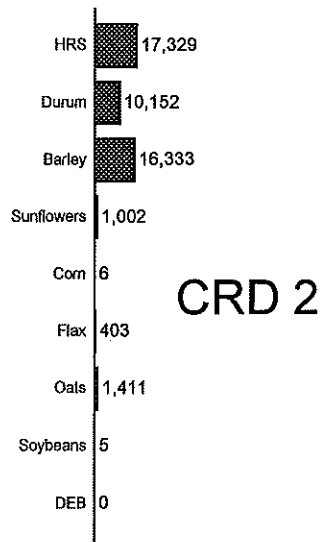
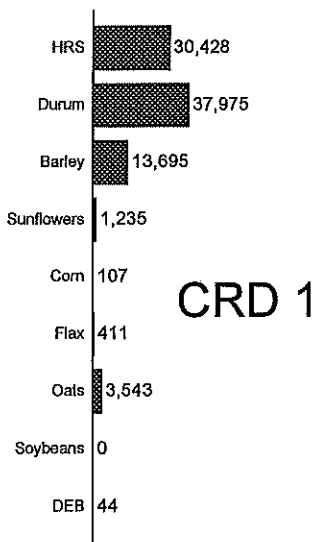
**MODE FOR GRAIN AND OILSEED  
SHIPMENTS ORIGINATING FROM  
NORTH DAKOTA ELEVATORS**





# Grain and Oilseed Shipments from Each CRD, 1994-95

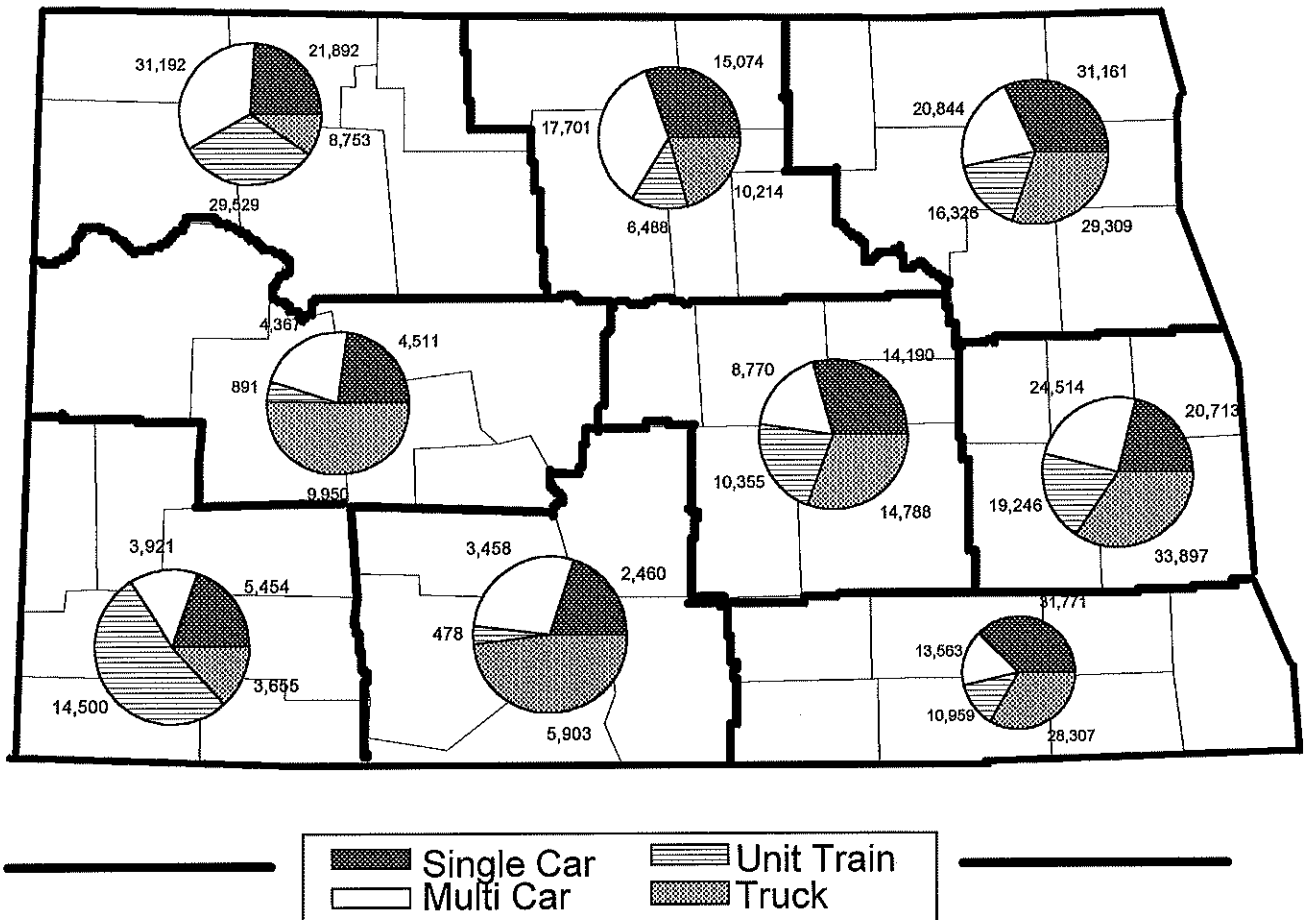
- 1,000 Bushels -





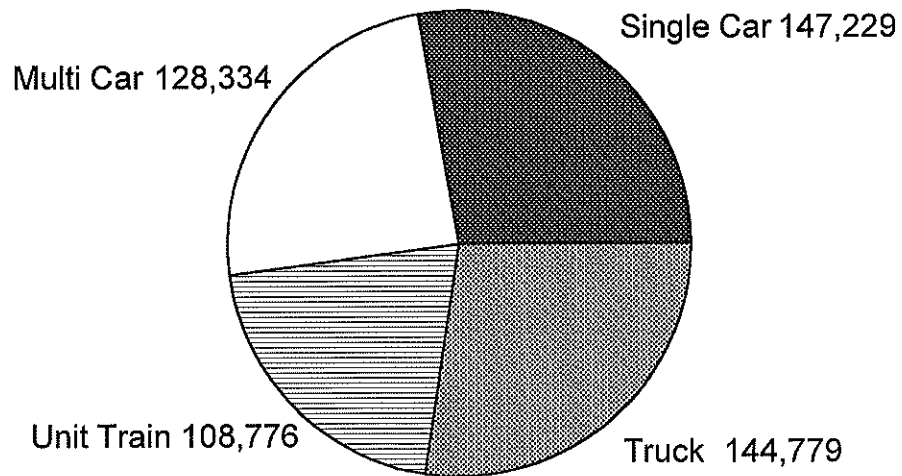
# Mode for Shipments of Grain and Oilseeds from Each CRD, 1994-95

- 1,000 Bushels -



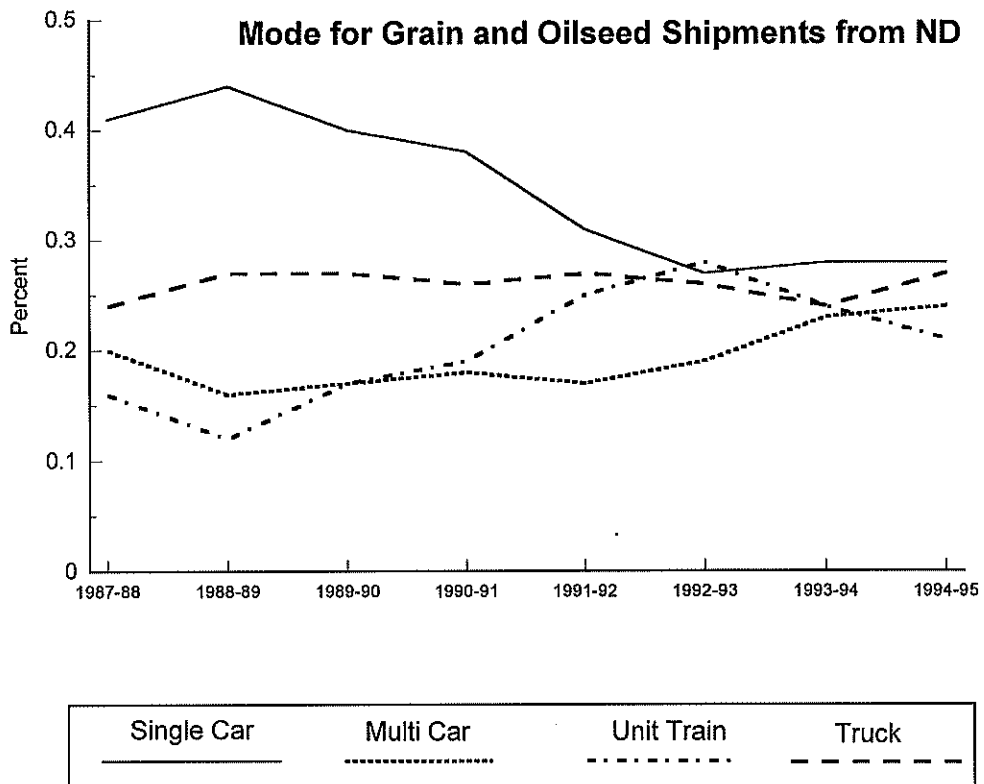
## Shipments from All ND Elevators by Each Mode

- 1,000 Bushels -

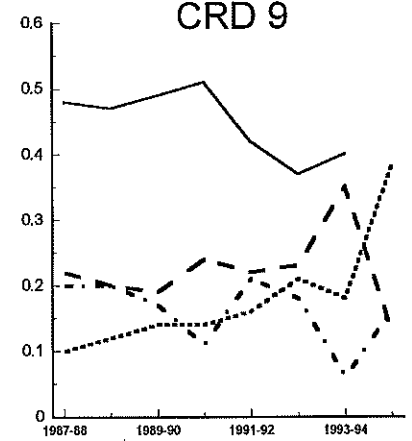
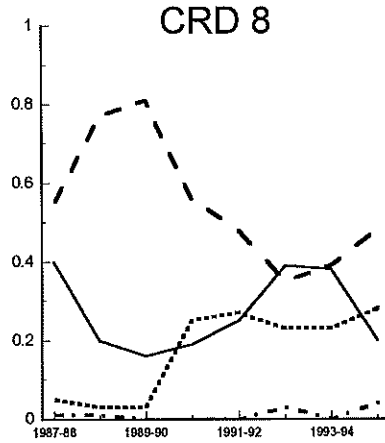
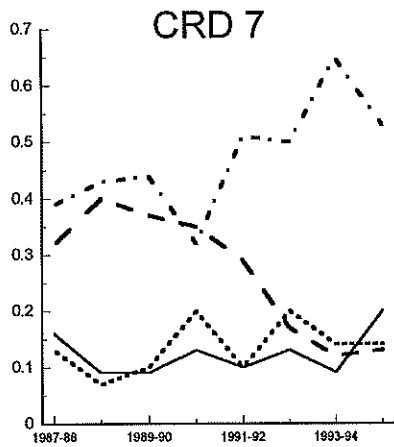
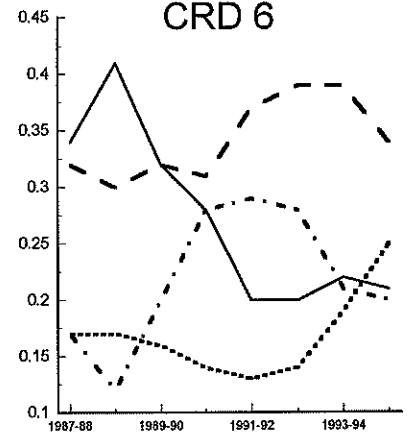
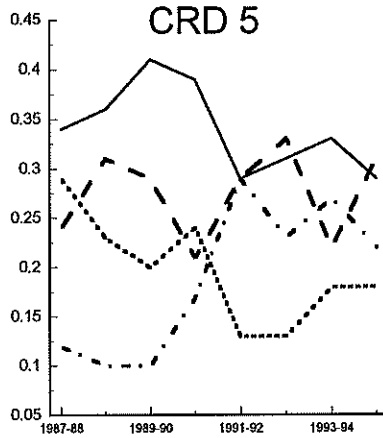
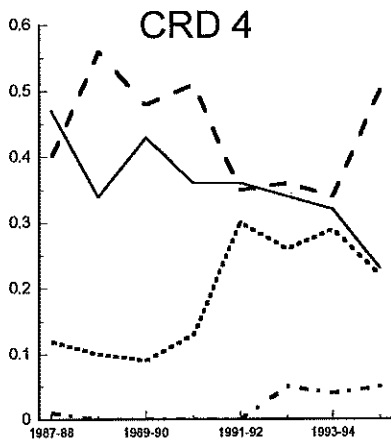
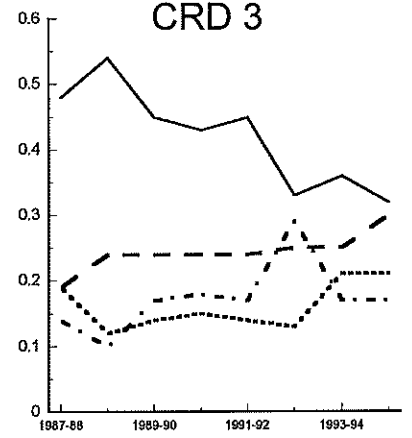
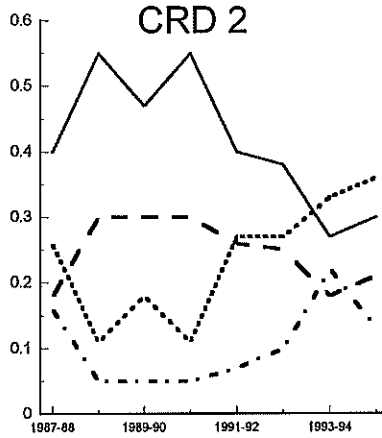
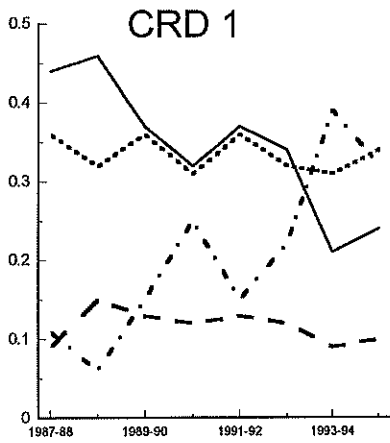


**Mode for Grain and Oilseed Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	189,686	81,491	80,157	127,088	478,422
	0.40	0.17	0.17	0.27	
1990-91	191,164	91,534	94,089	129,435	506,222
	0.38	0.18	0.19	0.26	
1991-92	188,150	107,019	152,650	165,033	612,852
	0.31	0.17	0.25	0.27	
1992-93	190,645	133,087	200,211	180,140	704,083
	0.27	0.19	0.28	0.26	
1993-94	145,614	119,493	125,778	124,472	515,357
	0.28	0.23	0.24	0.24	
1994-95	147,229	128,334	108,776	144,779	529,119
	0.28	0.24	0.21	0.27	



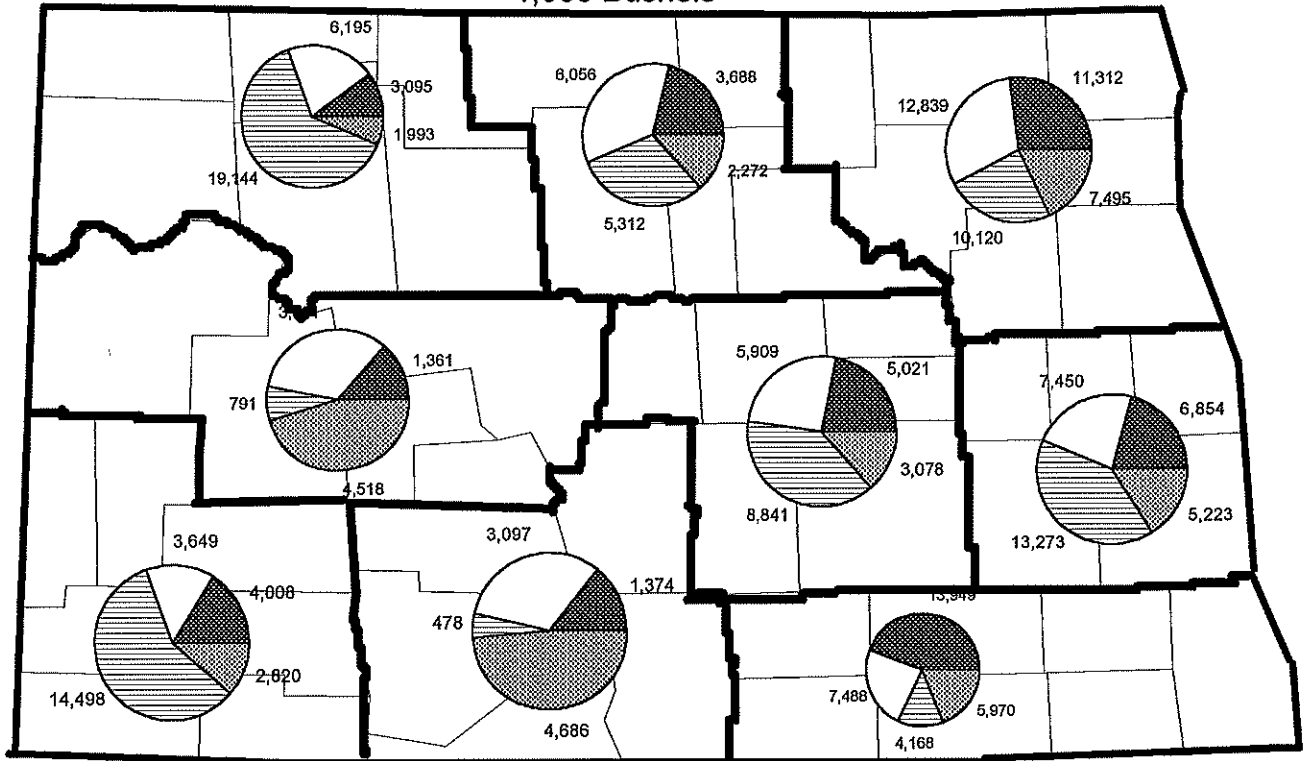
# Mode for Grain and Oilseed Shipments from Each CRD - Percent -





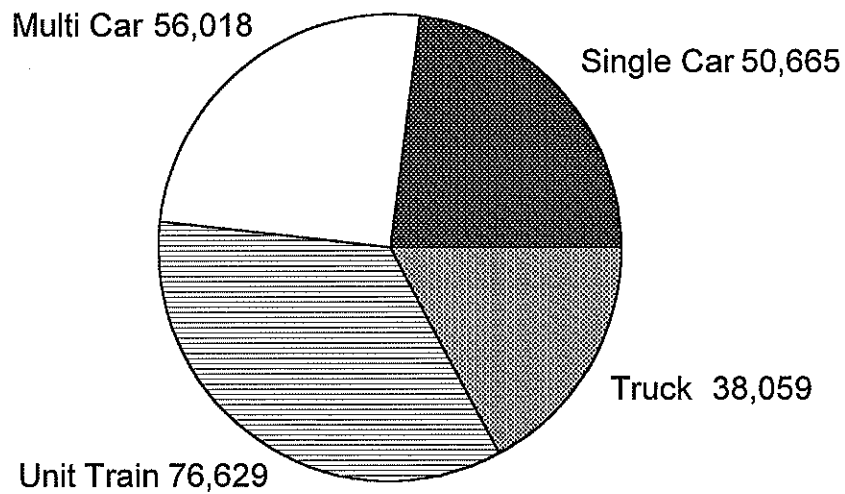
# Mode for Shipments of HRS Wheat from Each CRD, 1994-95

- 1,000 Bushels -



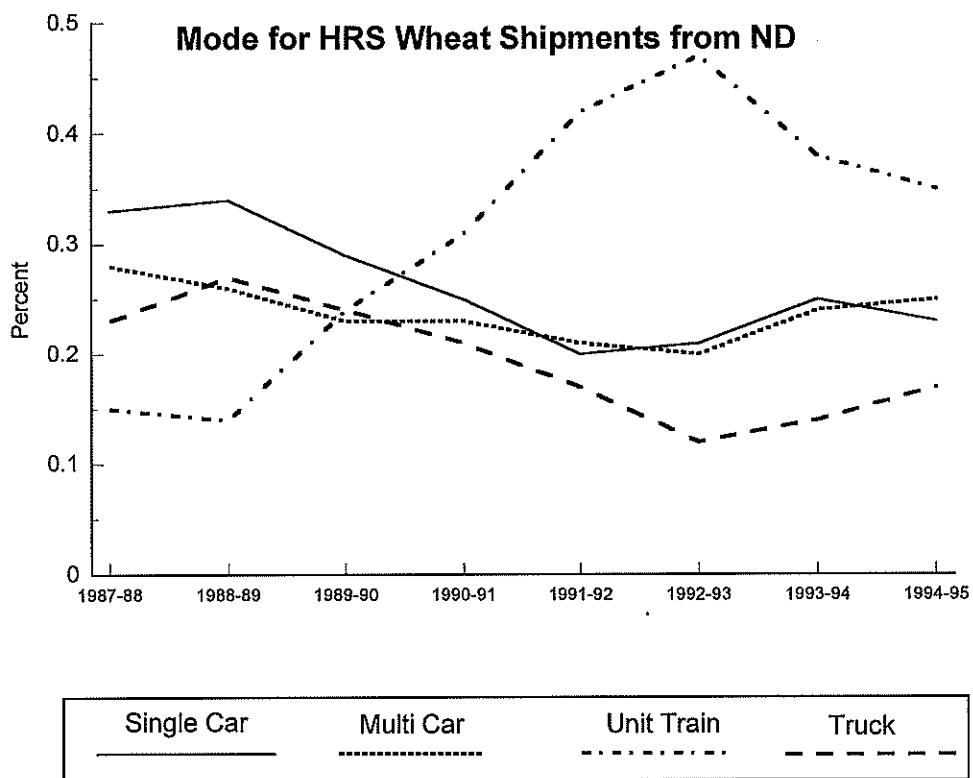
## Shipments of HRS Wheat from All ND Elevators by Each Mode

- 1,000 Bushels -



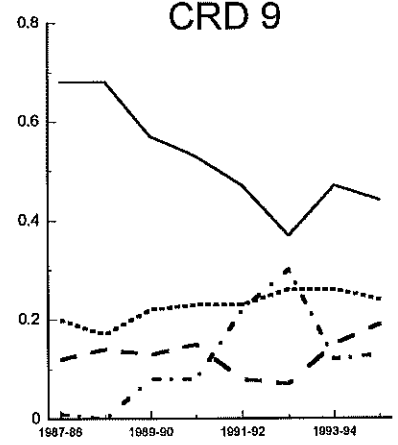
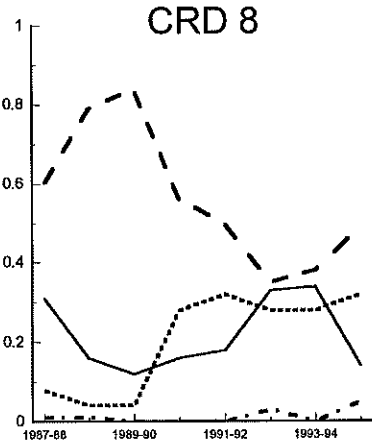
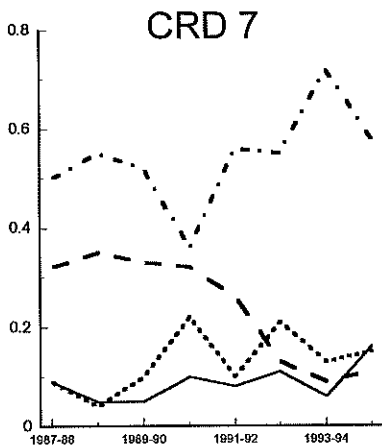
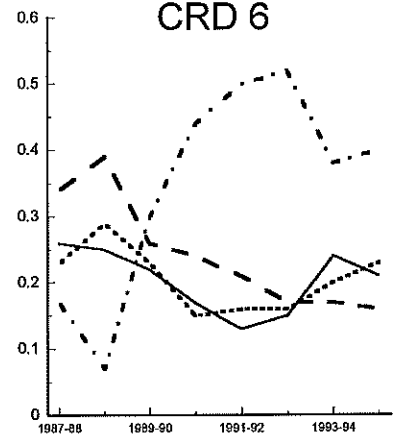
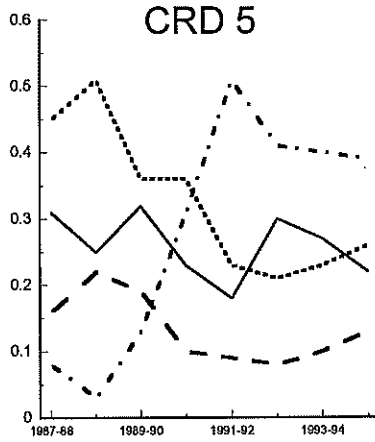
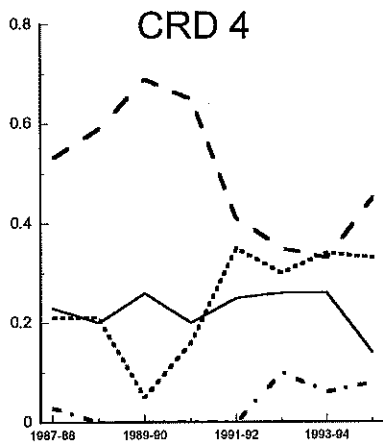
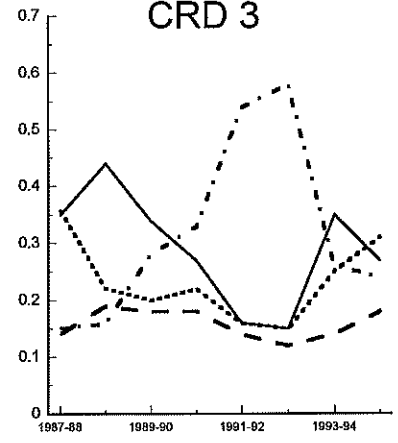
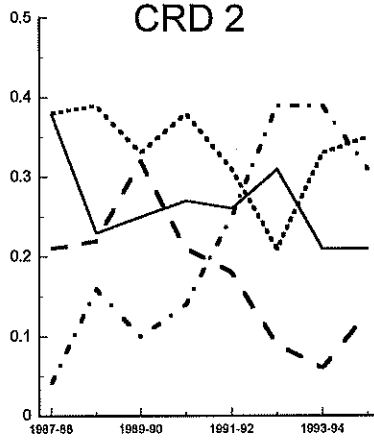
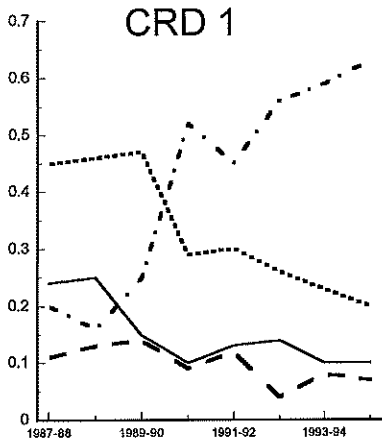
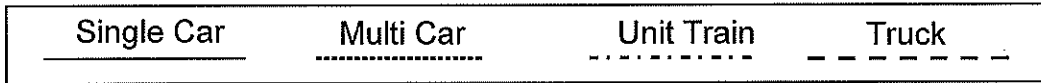
**Mode for HRS Wheat Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	55,933	44,517	46,736	45,299	192,485
	0.29	0.23	0.24	0.24	
1990-91	46,978	44,463	59,497	40,134	191,072
	0.25	0.23	0.31	0.21	
1991-92	51,778	53,793	110,349	45,500	261,420
	0.20	0.21	0.42	0.17	
1992-93	71,563	70,064	160,350	42,281	344,258
	0.21	0.20	0.47	0.12	
1993-94	62,042	60,126	95,518	34,880	252,566
	0.25	0.24	0.38	0.14	
1994-95	50,665	56,018	76,629	38,059	221,372
	0.23	0.25	0.35	0.17	





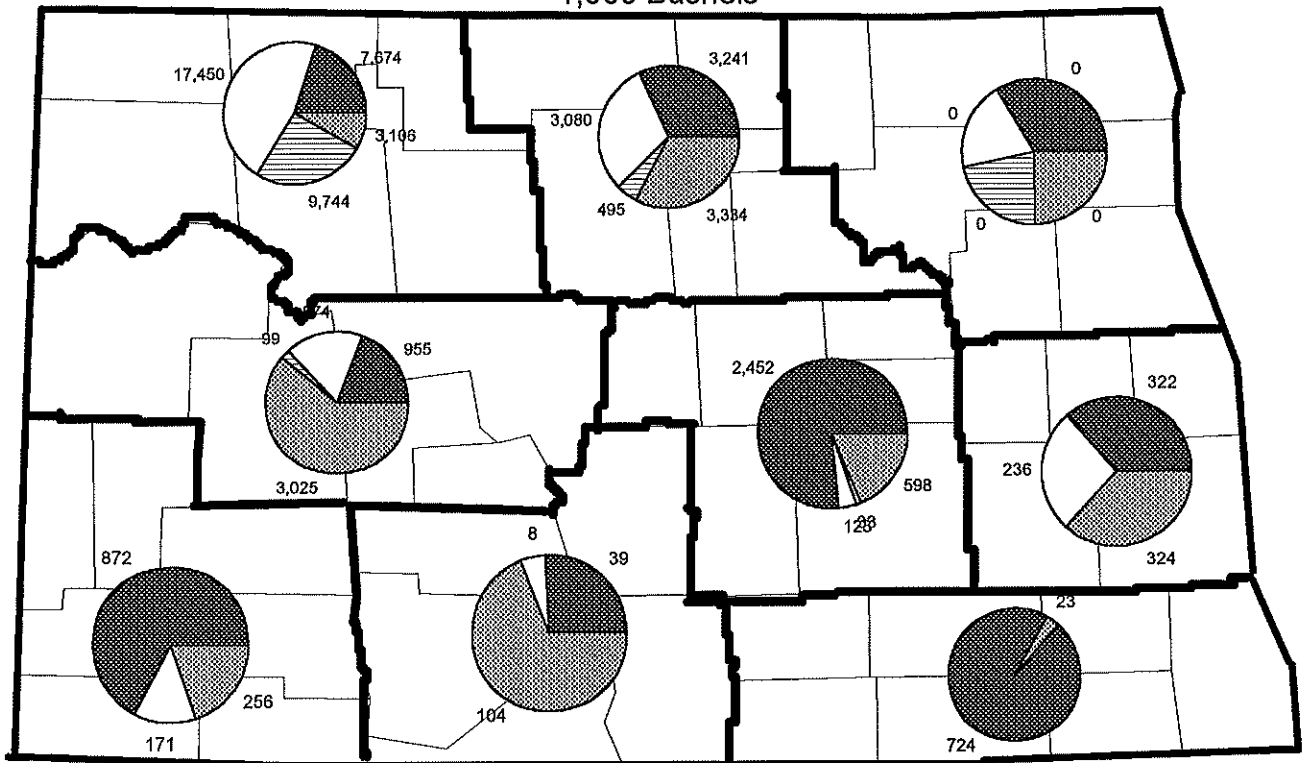
# Mode for HRS Wheat Shipments from Each CRD - Percent -





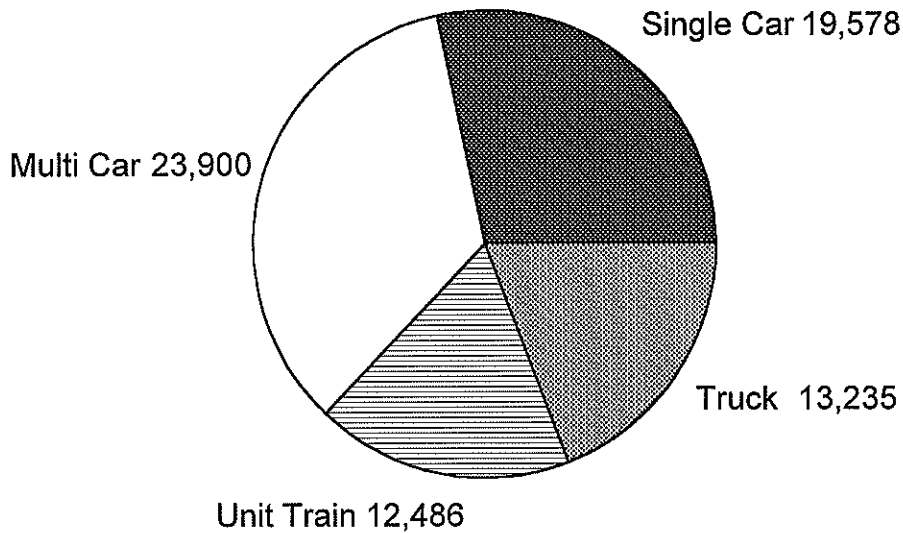
# Mode for Shipments of Durum from Each CRD, 1994-95

- 1,000 Bushels -



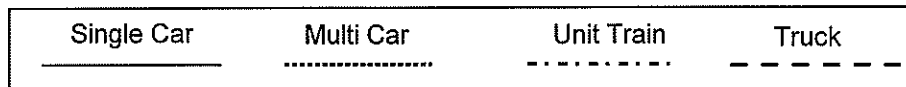
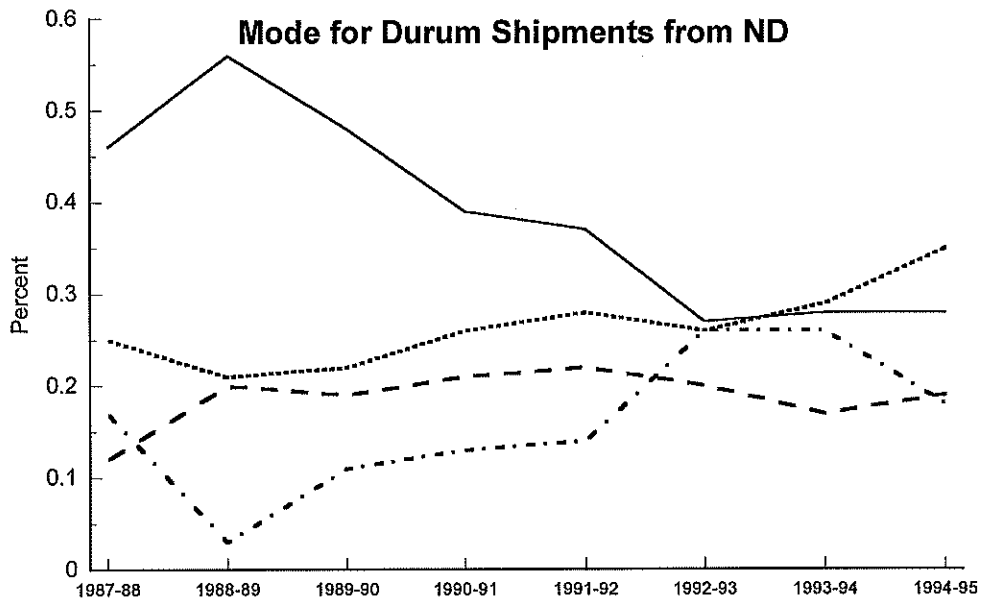
## Shipments of Durum from All ND Elevators by Each Mode

- 1,000 Bushels -

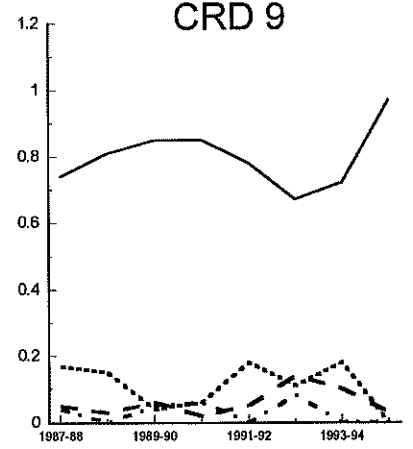
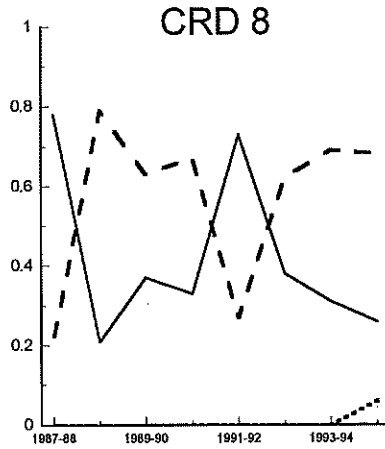
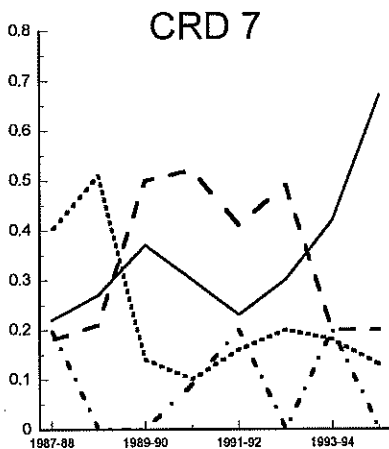
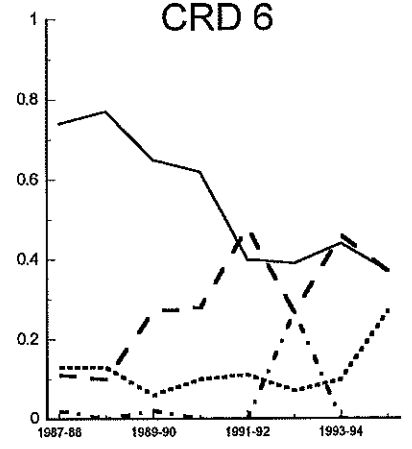
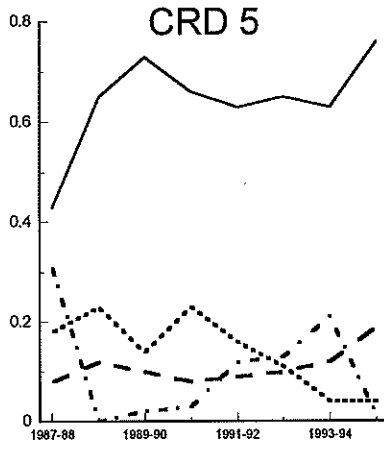
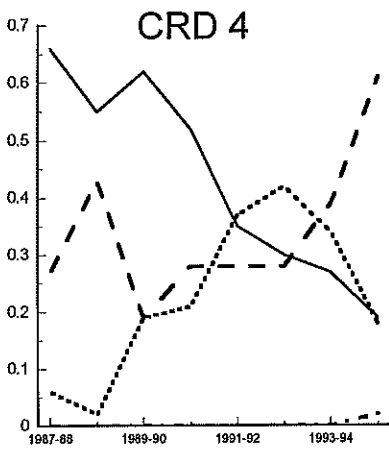
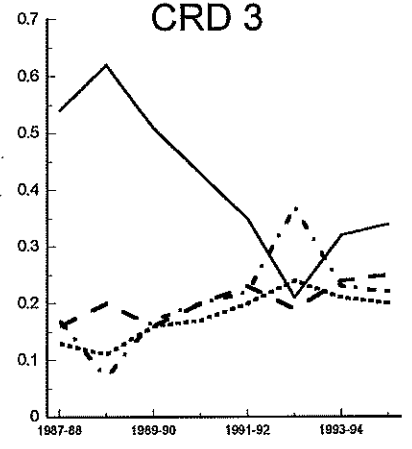
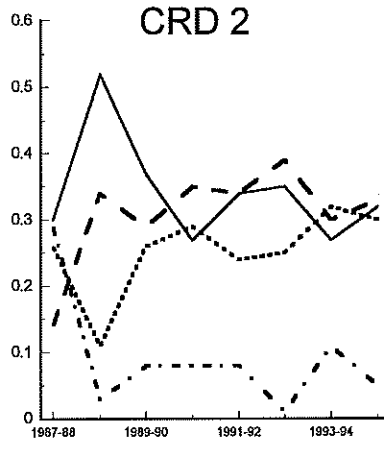
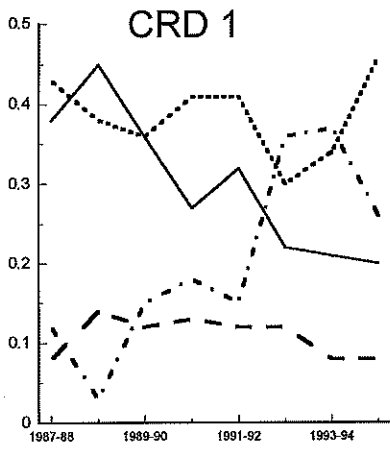


**Mode for Durum Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	34,473	15,875	8,177	13,479	72,004
	0.48	0.22	0.11	0.19	
1990-91	30,759	20,512	10,399	16,638	78,308
	0.39	0.26	0.13	0.21	
1991-92	30,784	23,459	11,481	18,169	83,893
	0.37	0.28	0.14	0.22	
1992-93	24,187	23,009	23,155	17,730	88,081
	0.27	0.26	0.26	0.20	
1993-94	23,252	24,010	21,342	14,317	82,921
	0.28	0.29	0.26	0.17	
1994-95	19,578	23,900	12,486	13,235	69,201
	0.28	0.35	0.18	0.19	



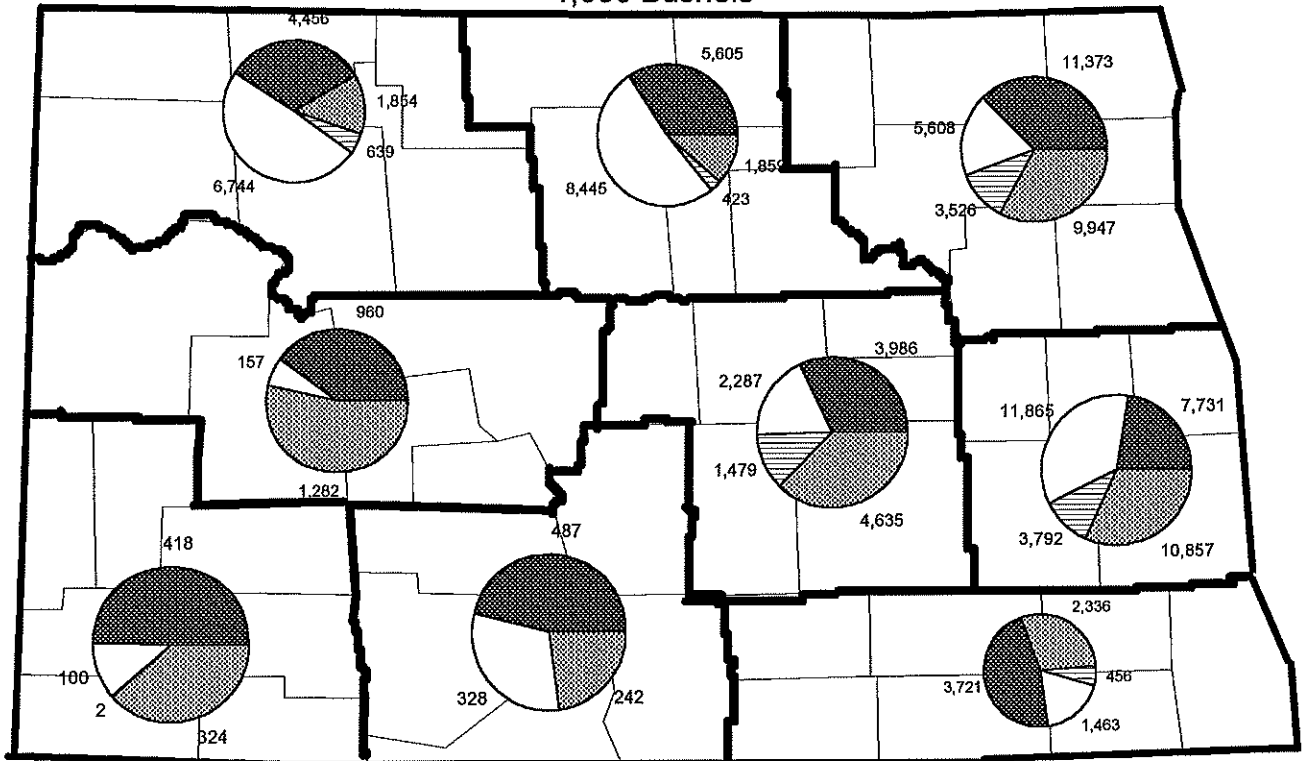
# Mode for Durum Shipments from Each CRD - Percent -





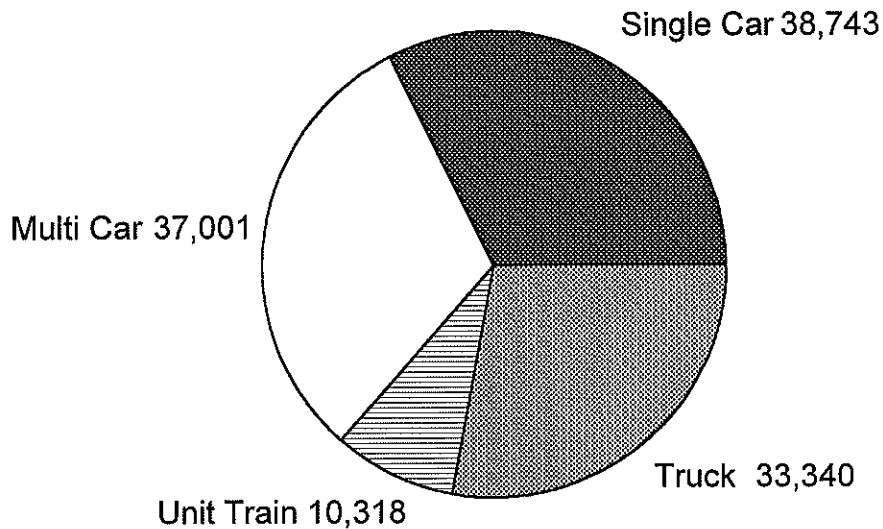
# Mode for Shipments of Barley from Each CRD, 1994-95

- 1,000 Bushels -



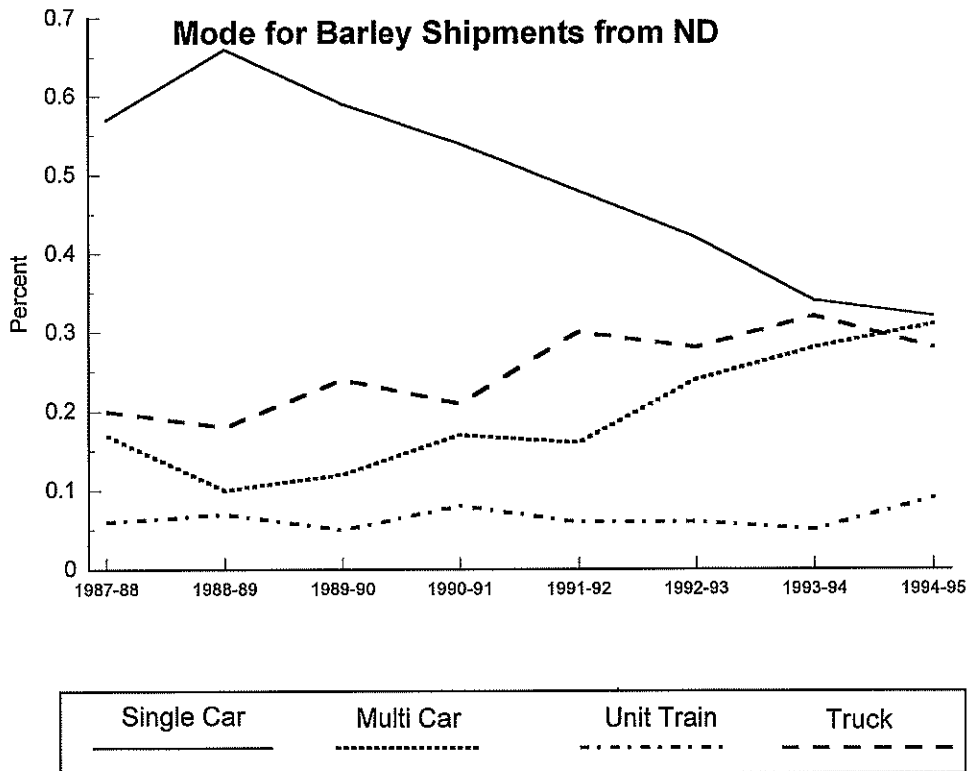
## Shipments of Barley from All ND Elevators by Each Mode

- 1,000 Bushels -



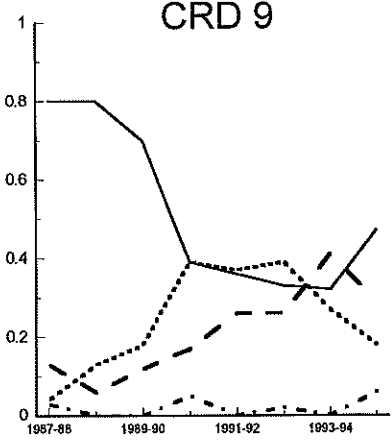
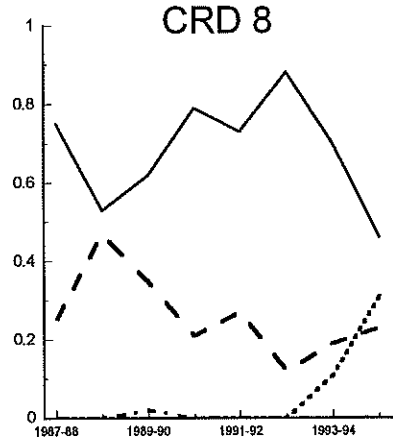
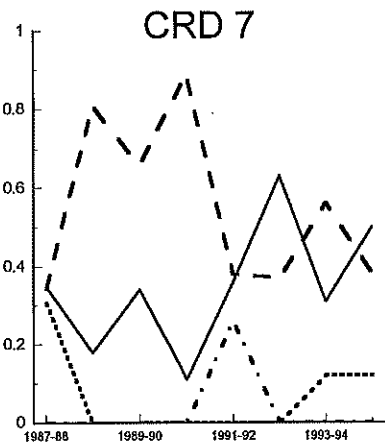
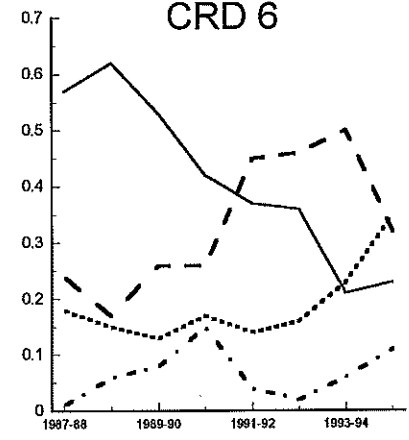
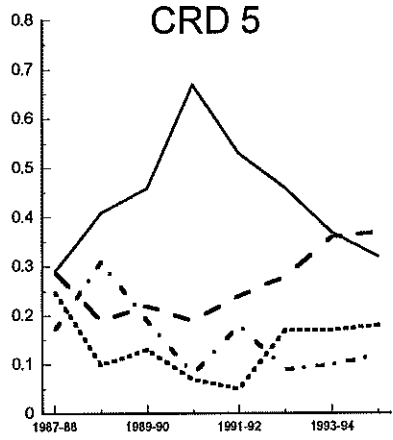
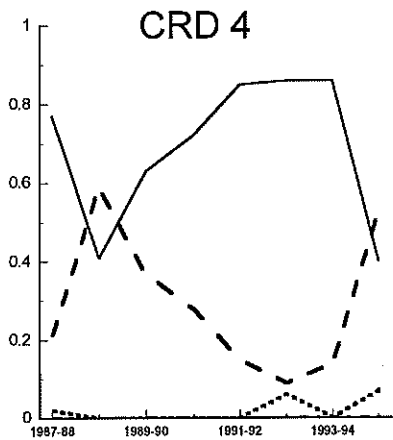
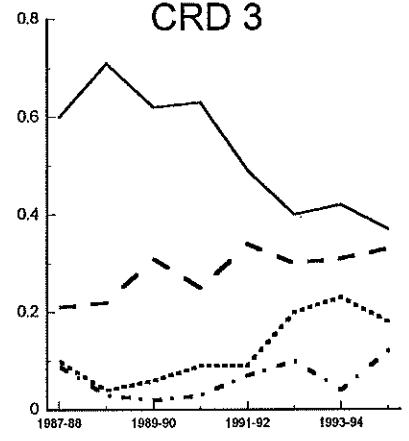
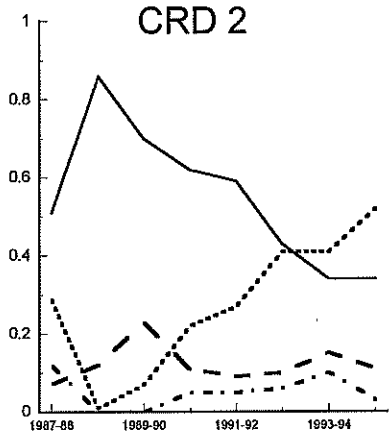
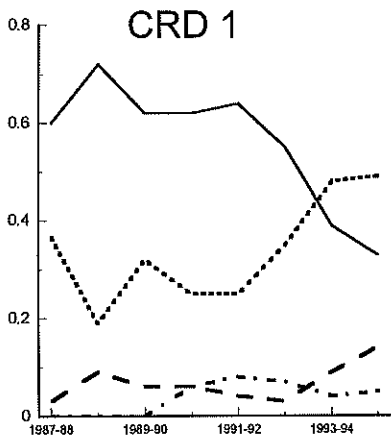
**Mode for Barley Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	65,876	13,674	5,234	27,472	112,256
	0.59	0.12	0.05	0.24	
1990-91	61,138	19,859	9,244	23,805	114,046
	0.54	0.17	0.08	0.21	
1991-92	59,573	19,900	7,833	37,478	124,784
	0.48	0.16	0.06	0.30	
1992-93	54,849	31,754	7,354	37,181	131,138
	0.42	0.24	0.06	0.28	
1993-94	37,494	31,049	5,901	35,490	109,934
	0.34	0.28	0.05	0.32	
1994-95	38,743	37,001	10,318	33,340	119,404
	0.32	0.31	0.09	0.28	





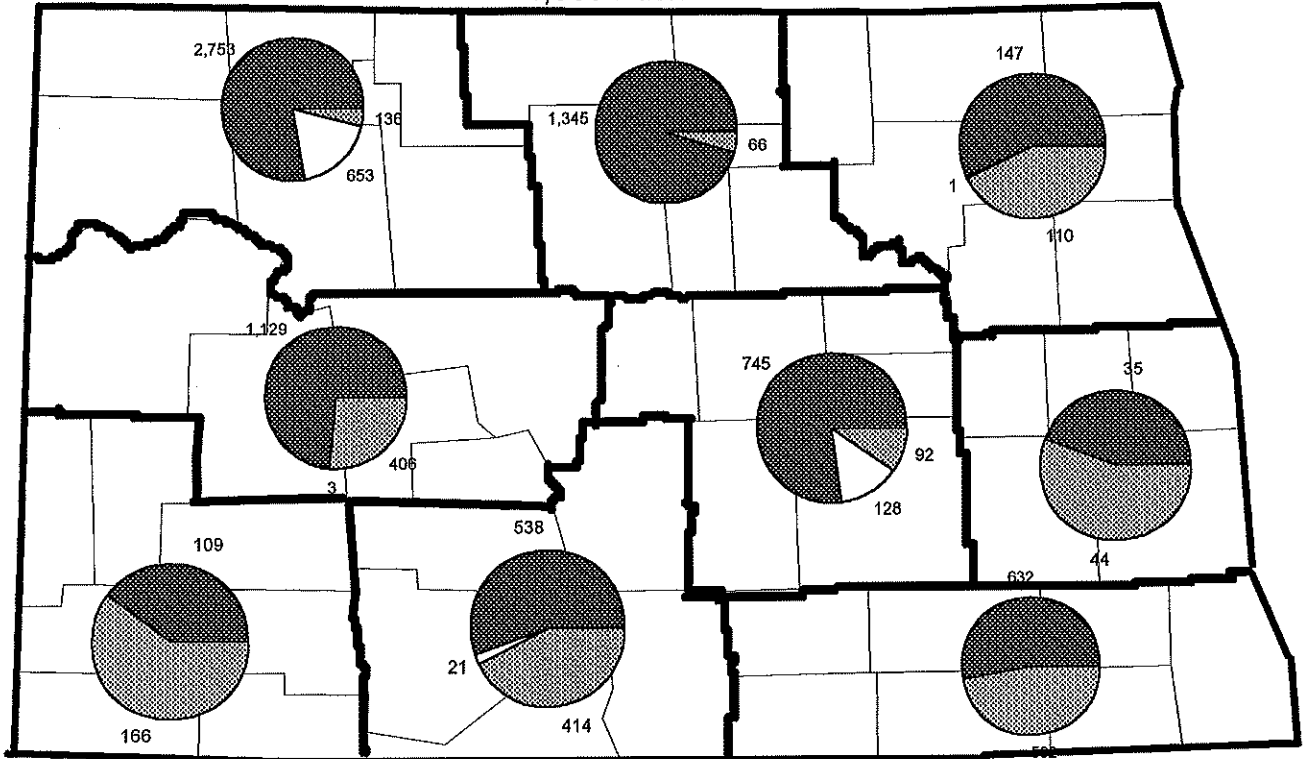
# Mode for Barley Shipments from Each CRD - Percent -





# Mode for Shipments of Oats from Each CRD, 1994-95

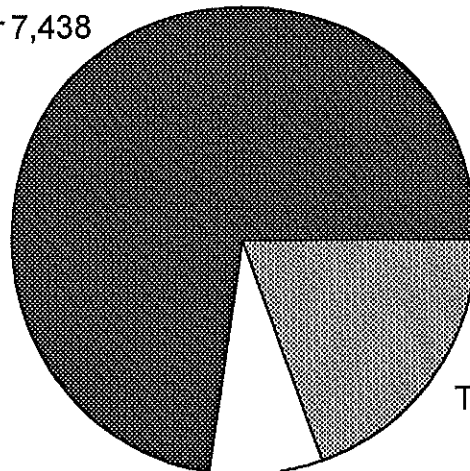
- 1,000 Bushels -



# Shipments of Oats from All ND Elevators by Each Mode

- 1,000 Bushels -

Single Car 7,438

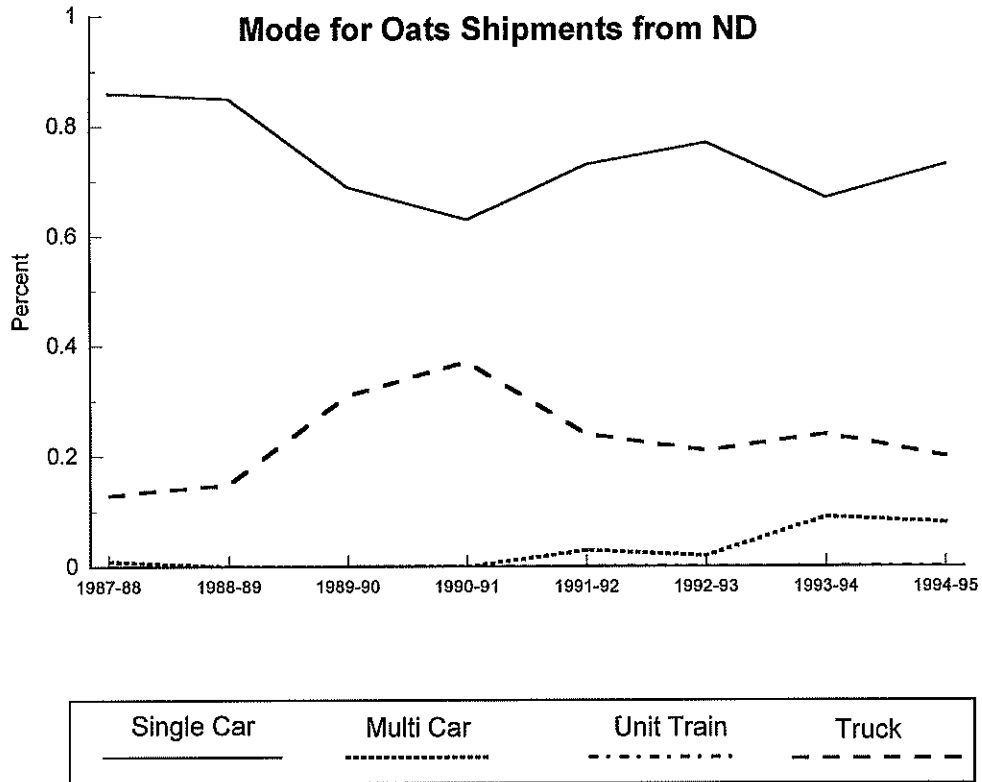


Truck 2,001

Multi Car 808

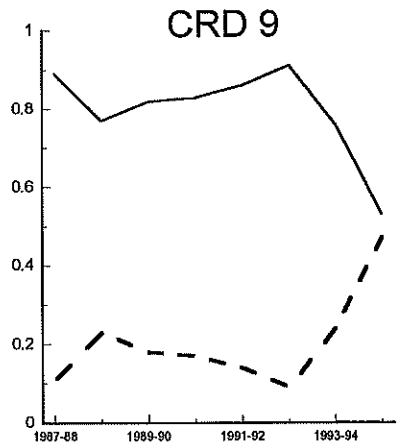
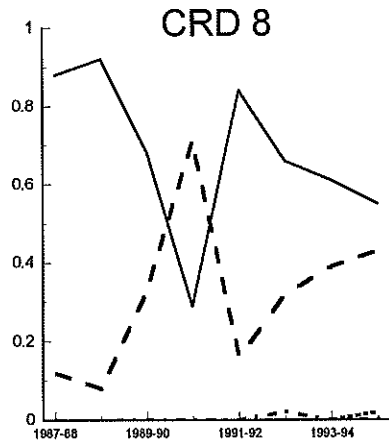
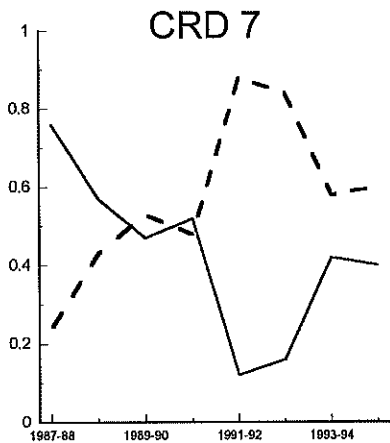
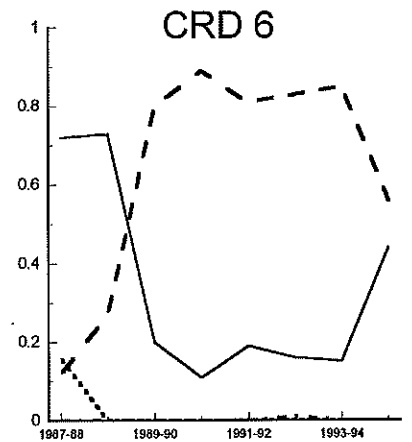
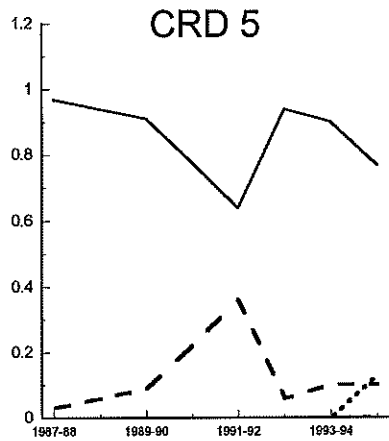
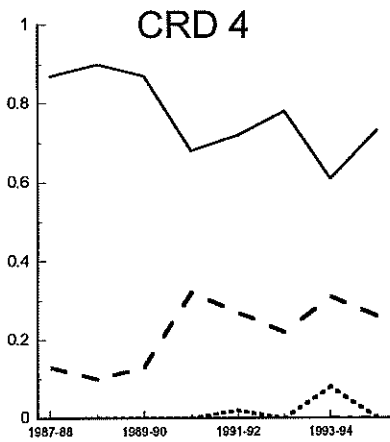
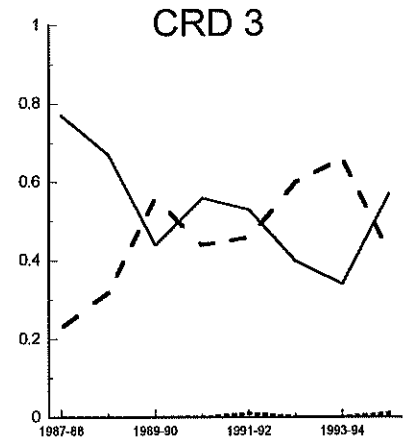
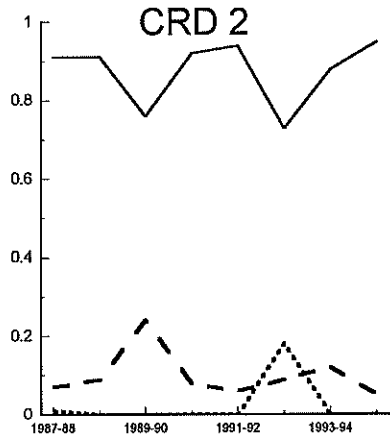
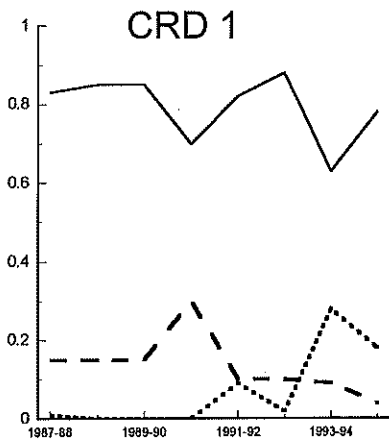
**Mode for Oats Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	3,481	3	0	1,531	5,015
	0.69	0.00	0.00	0.31	
1990-91	3,519	0	0	2,082	5,601
	0.63	0.00	0.00	0.37	
1991-92	5,530	237	0	1,843	7,610
	0.73	0.03	0.00	0.24	
1992-93	10,279	224	30	2,739	13,272
	0.77	0.02	0.00	0.21	
1993-94	7,659	1,040	6	2,722	11,427
	0.67	0.09	0.00	0.24	
1994-95	7,438	808	0	2,001	10,248
	0.73	0.08	0.00	0.20	



# Mode for Oats Shipments from Each CRD

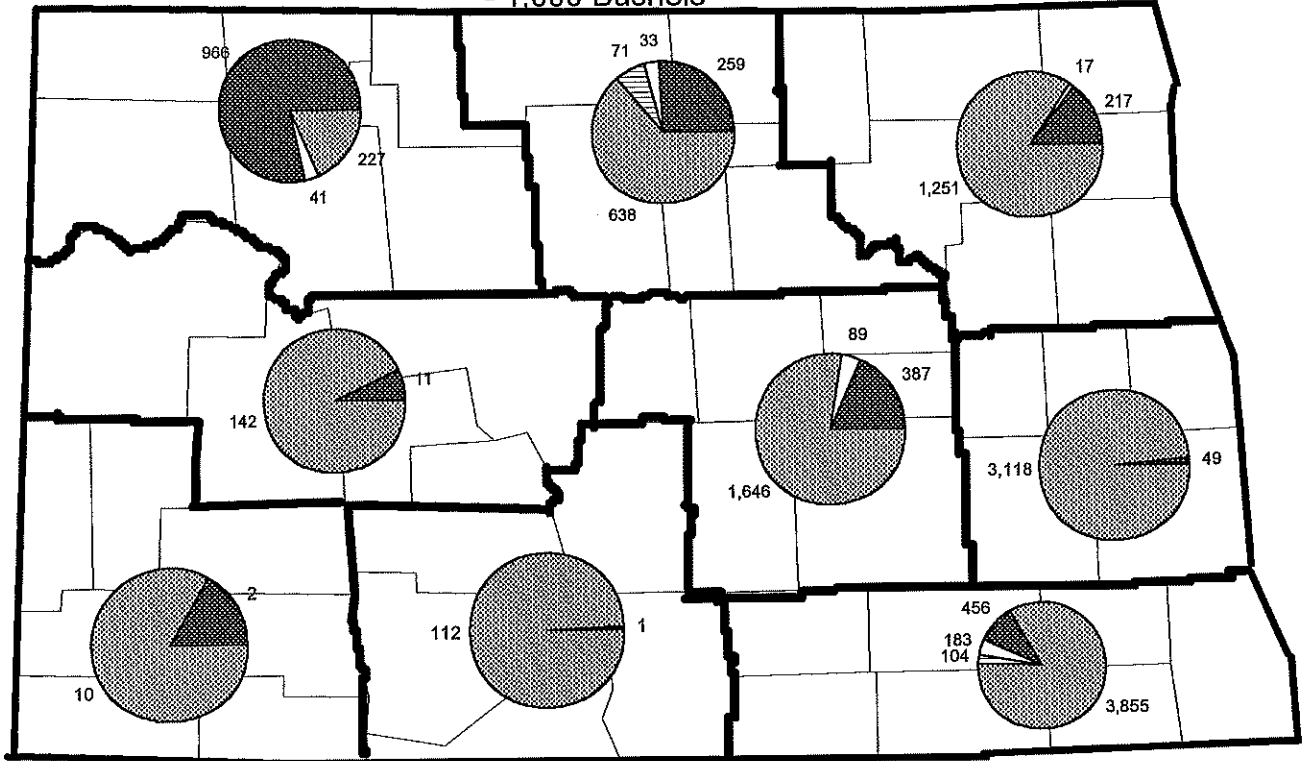
- Percent -





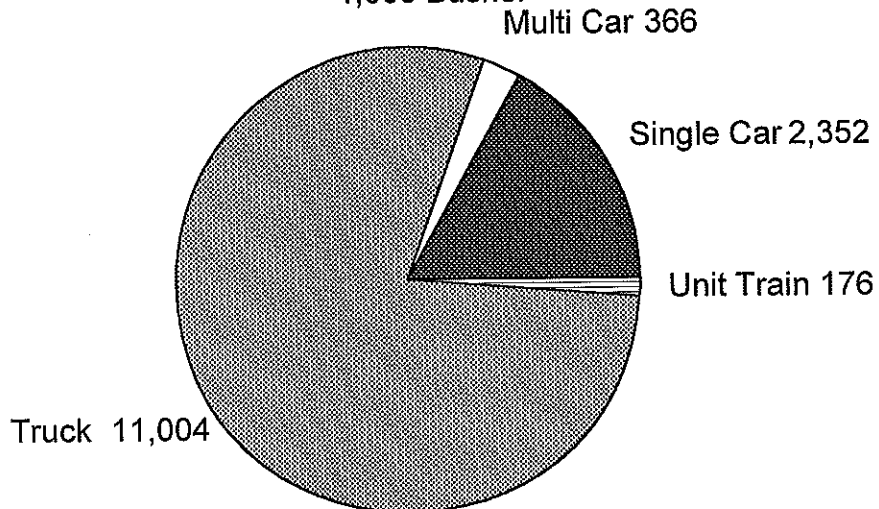
# Mode for Shipments of Sunflowers from Each CRD, 1994-95

- 1,000 Bushels -



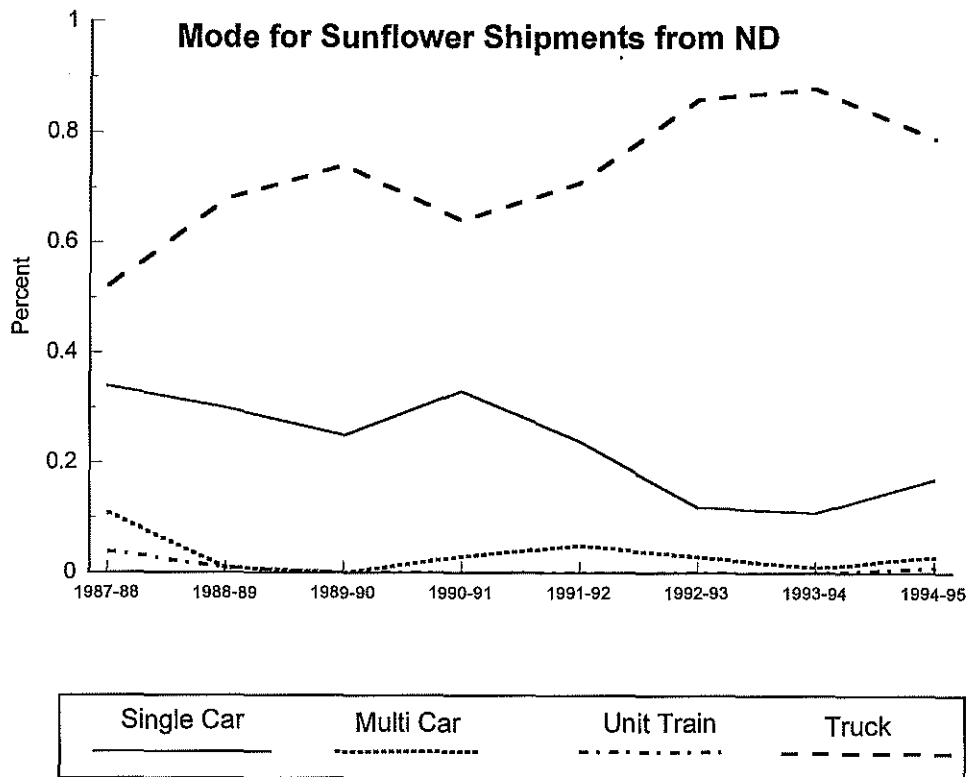
## Shipments of Sunflower from All ND Elevators by Each Mode

- 1,000 Bushel



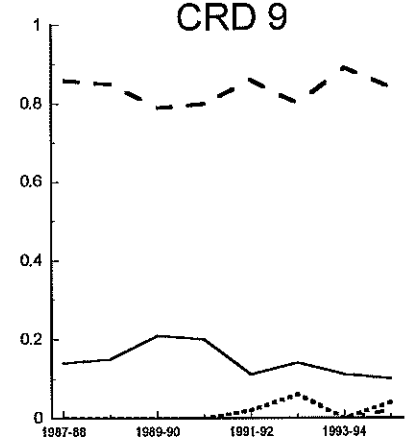
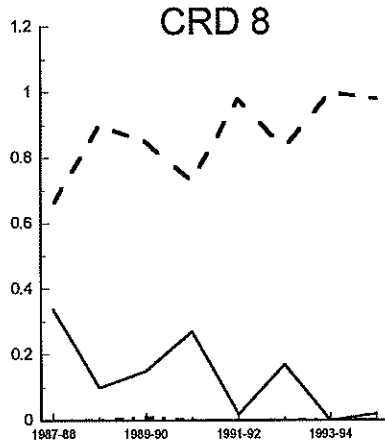
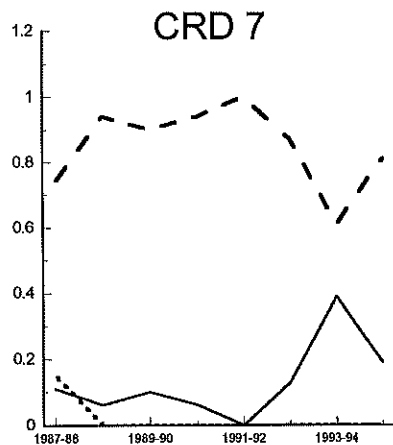
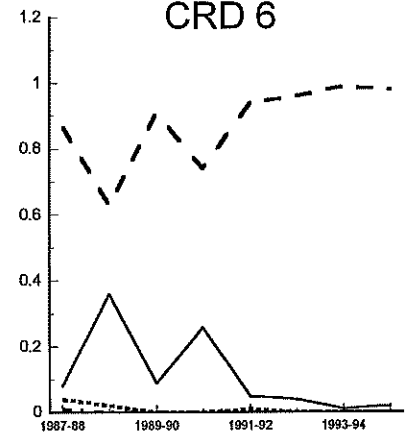
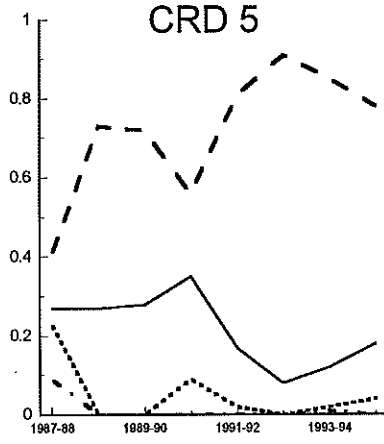
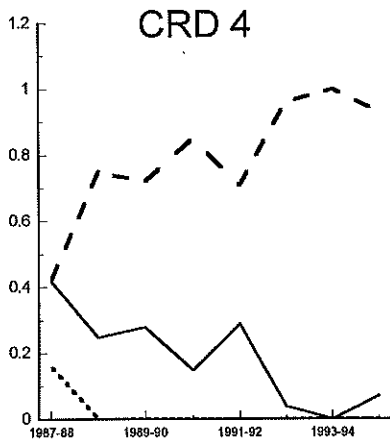
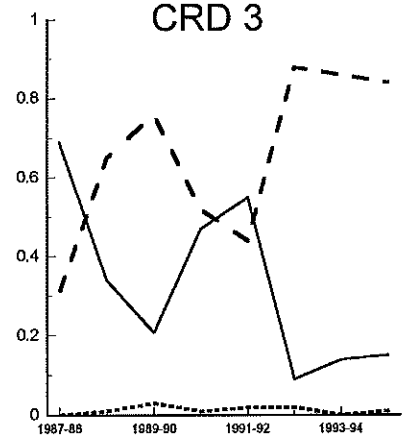
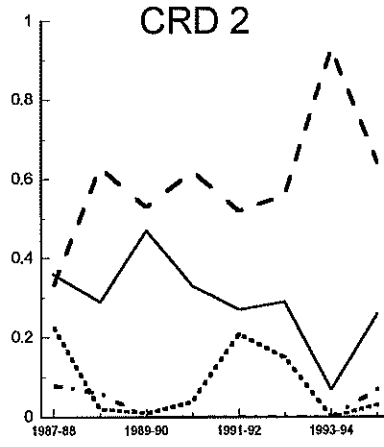
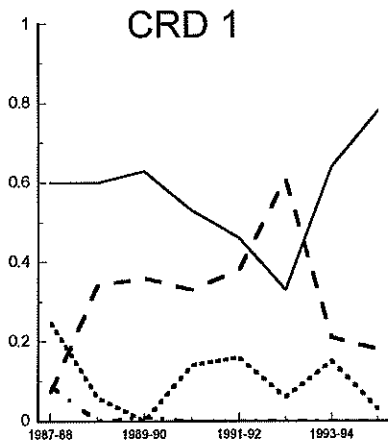
**Mode for Sunflower Shipments from ND**  
(1,000 Cwts)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	2,295	43	5	6,665	9,008
	0.25	0.00	0.00	0.74	
1990-91	3,437	320	1	6,626	10,384
	0.33	0.03	0.00	0.64	
1991-92	3,910	727	0	11,429	16,066
	0.24	0.05	0.00	0.71	
1992-93	2,159	548	3	16,039	18,749
	0.12	0.03	0.00	0.86	
1993-94	785	77	14	6,409	7,284
	0.11	0.01	0.00	0.88	
1994-95	2,352	366	176	11,004	13,899
	0.17	0.03	0.01	0.79	





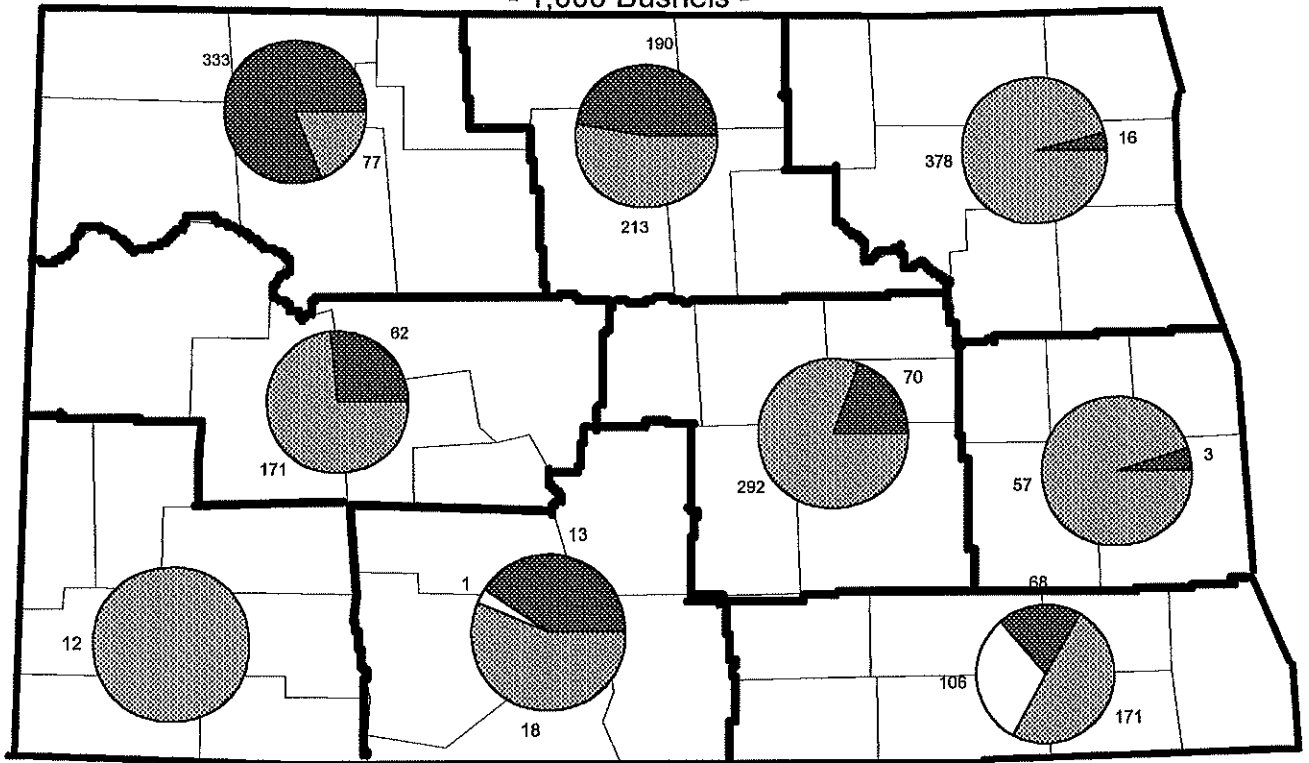
# Mode for Sunflower Shipments from Each CRD - Percent -





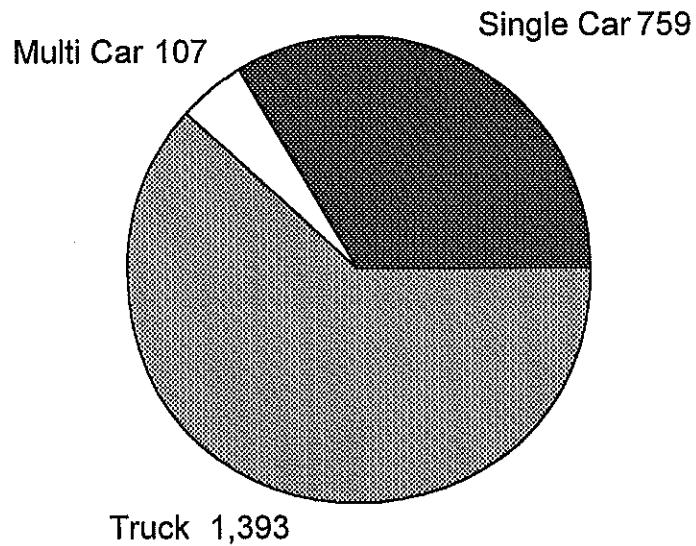
# Mode for Shipments of Flaxseed from Each CRD, 1994-95

- 1,000 Bushels -



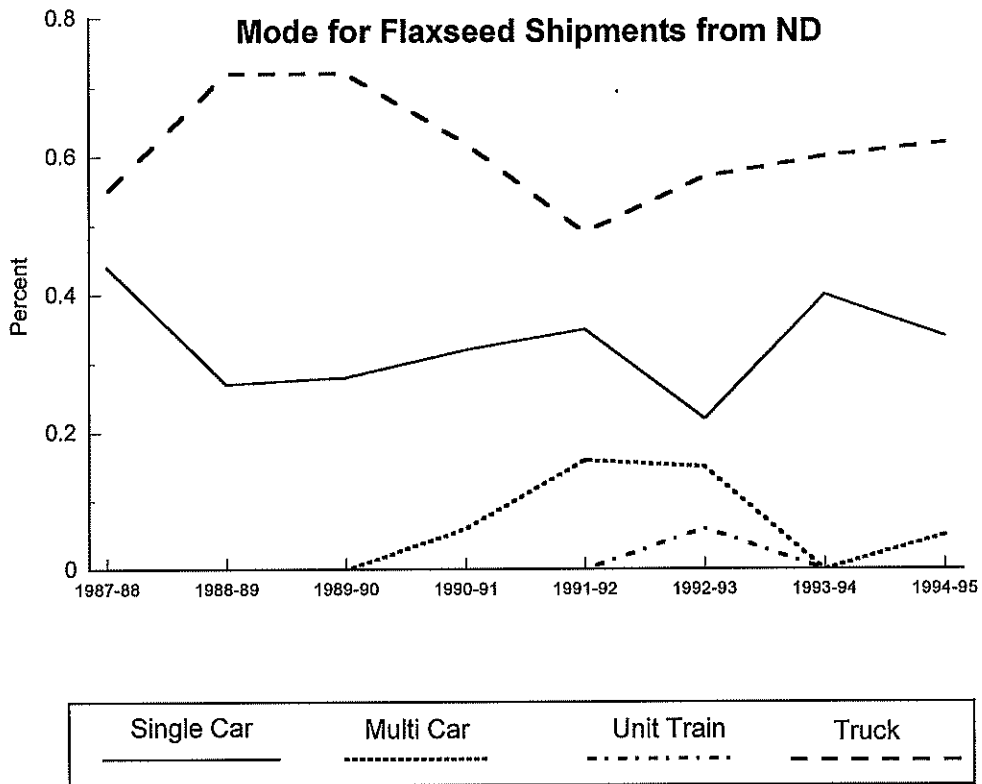
## Shipments of Flaxseed from All ND Elevators by Each Mode

- 1,000 Bushels -

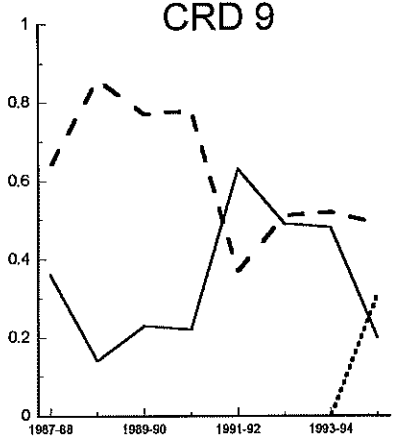
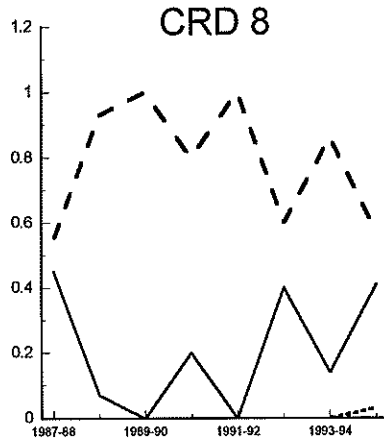
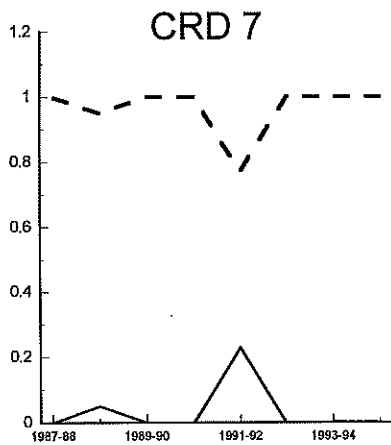
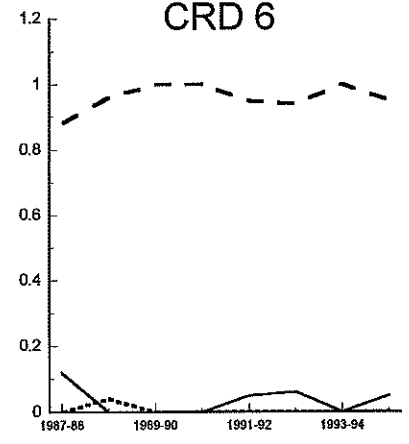
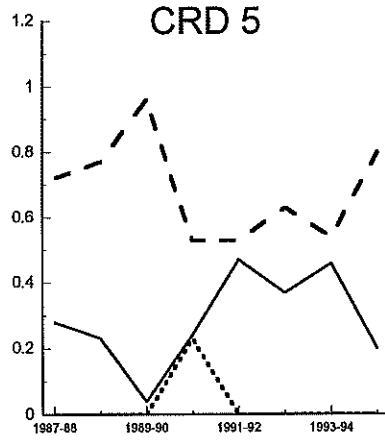
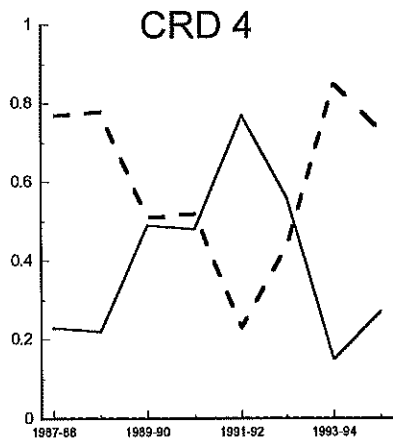
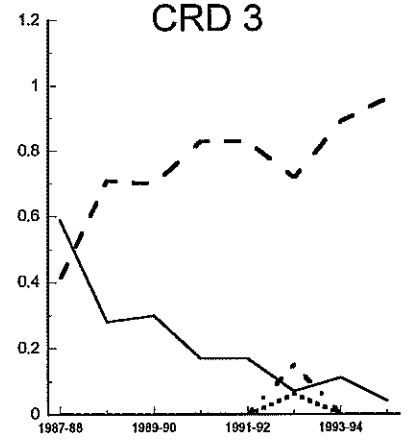
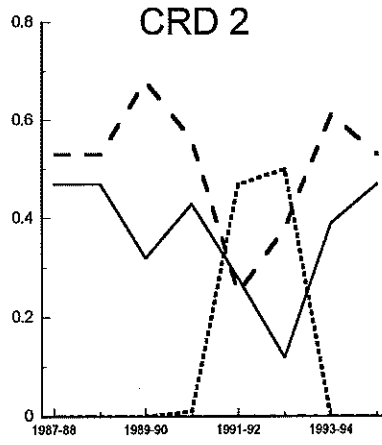
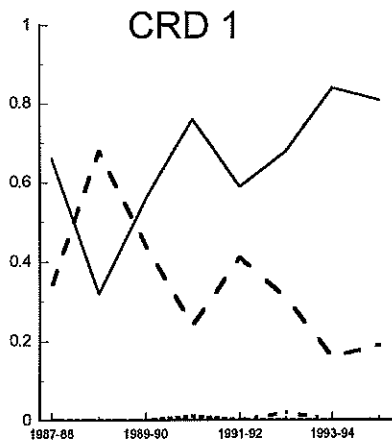


**Mode for Flaxseed Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	303	0	0	773	1,076
	0.28	0.00	0.00	0.72	
1990-91	732	127	0	1,400	2,259
	0.32	0.06	0.00	0.62	
1991-92	1,417	663	0	2,001	4,081
	0.35	0.16	0.00	0.49	
1992-93	810	560	201	2,050	3,621
	0.22	0.15	0.06	0.57	
1993-94	872	0	0	1,328	2,200
	0.40	0.00	0.00	0.60	
1994-95	759	107	0	1,393	2,261
	0.34	0.05	0.00	0.62	



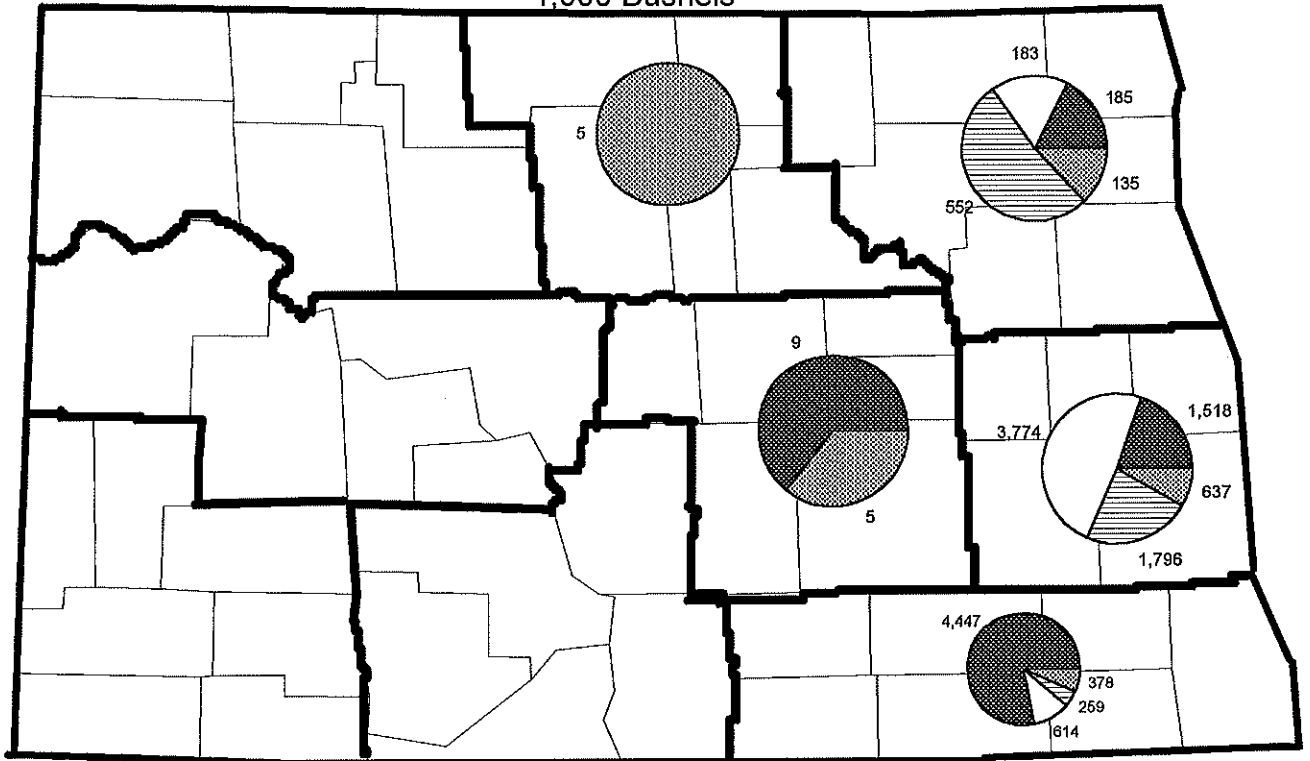
# Mode for Flaxseed Shipments from Each CRD - Percent -





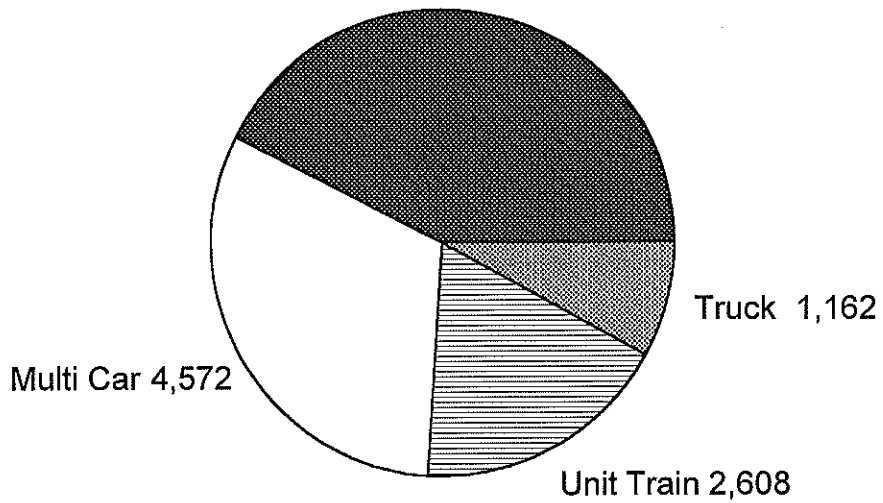
# Mode for Shipments of Soybeans from Each CRD, 1994-95

- 1,000 Bushels -



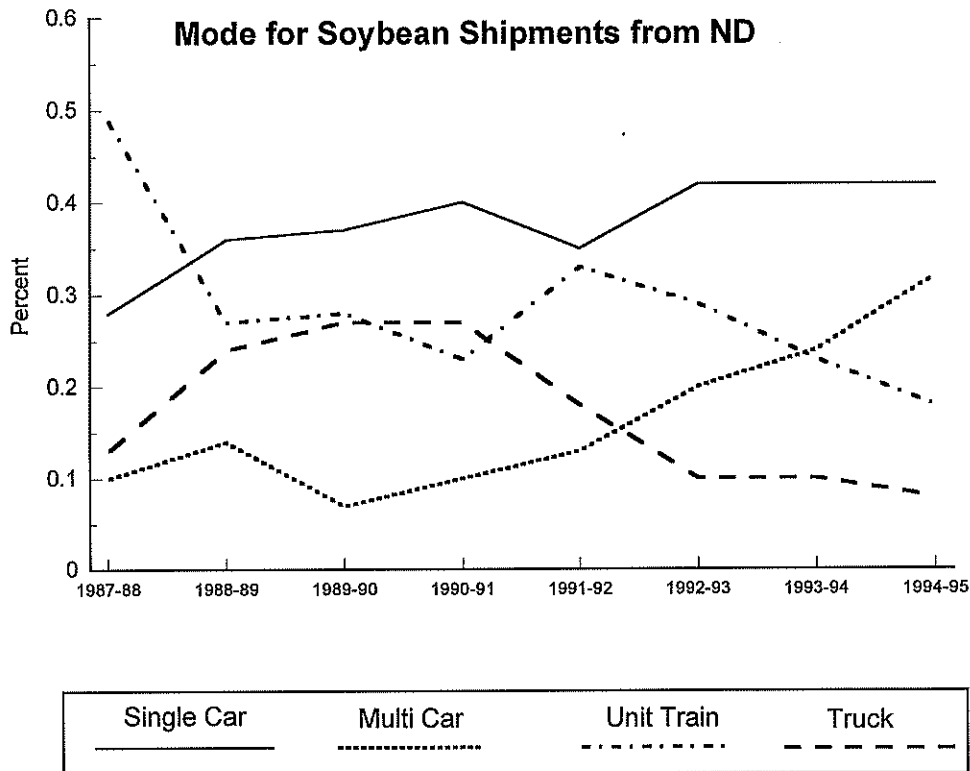
## Shipments of Soybeans All ND Elevators by Each Mode

- 1,000 Bushels -  
Single Car 6,160



**Mode for Soybean Shipments from ND**  
(1,000 Bushels)

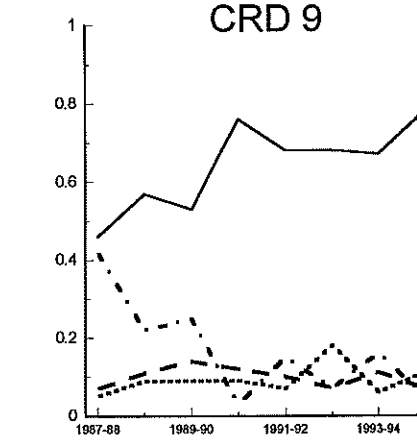
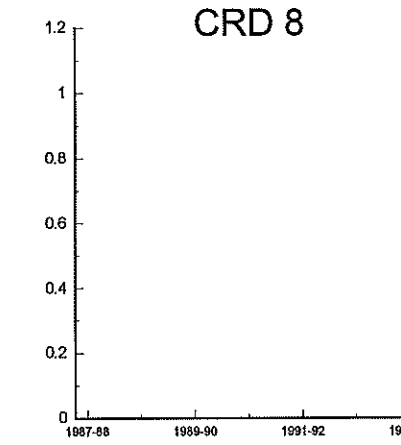
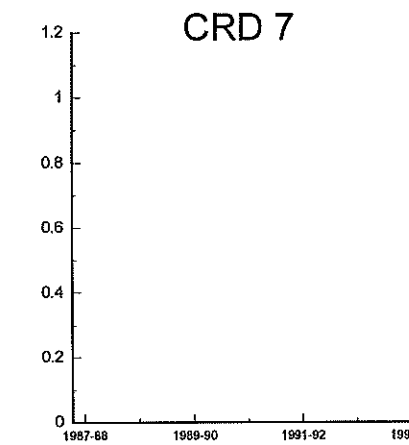
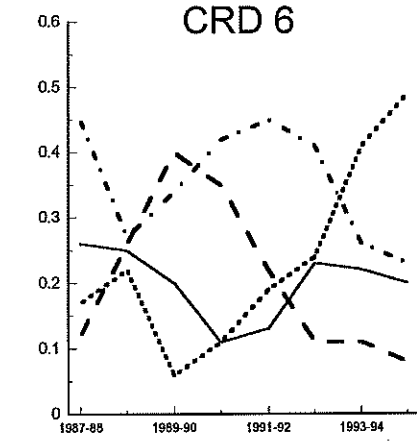
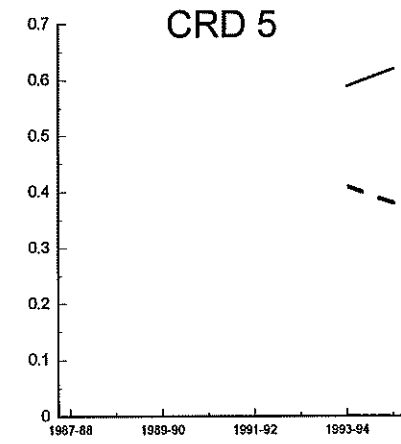
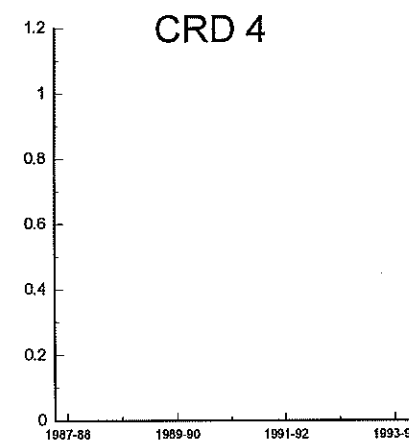
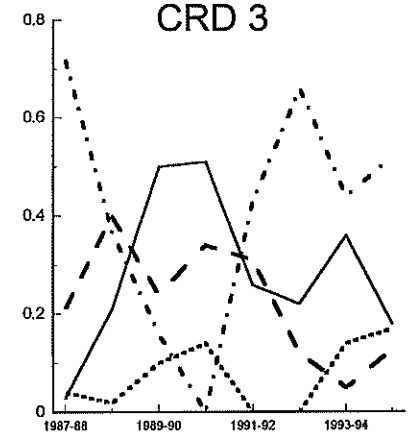
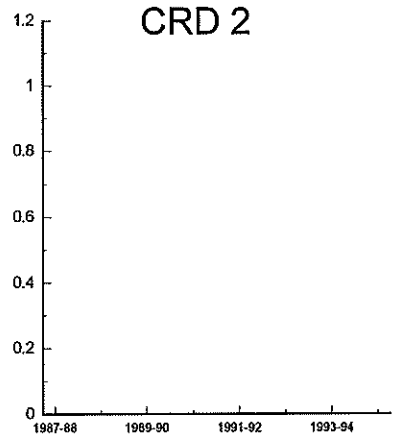
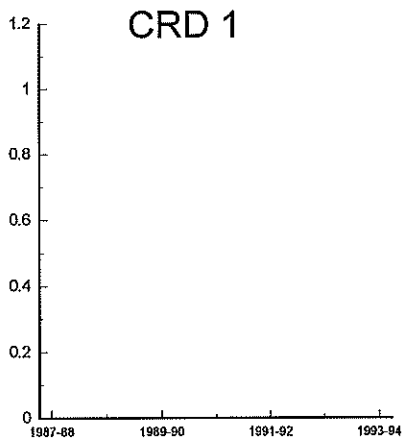
	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	5,255	1,027	3,926	3,807	14,015
	0.38	0.07	0.28	0.27	
1990-91	4,024	1,068	2,393	2,700	10,185
	0.40	0.10	0.24	0.27	
1991-92	5,837	2,095	5,504	3,029	16,465
	0.35	0.13	0.33	0.18	
1992-93	6,472	3,099	4,434	1,523	15,528
	0.42	0.20	0.29	0.10	
1993-94	4,105	2,390	2,294	1,026	9,815
	0.42	0.24	0.23	0.10	
1994-95	6,160	4,572	2,608	1,162	14,503
	0.42	0.32	0.18	0.08	





# Mode for Soybean Shipments from Each CRD

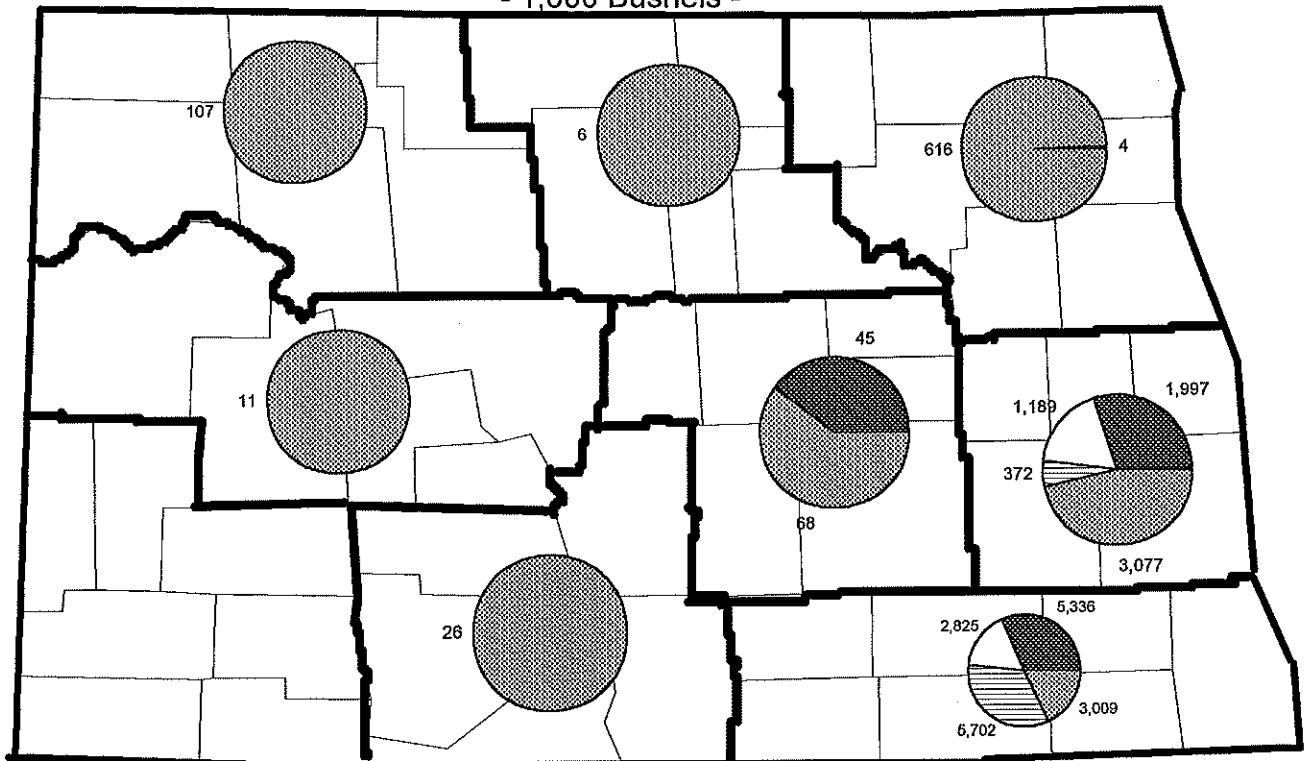
- Percent -





# Mode for Shipments of Corn from Each CRD, 1994-95

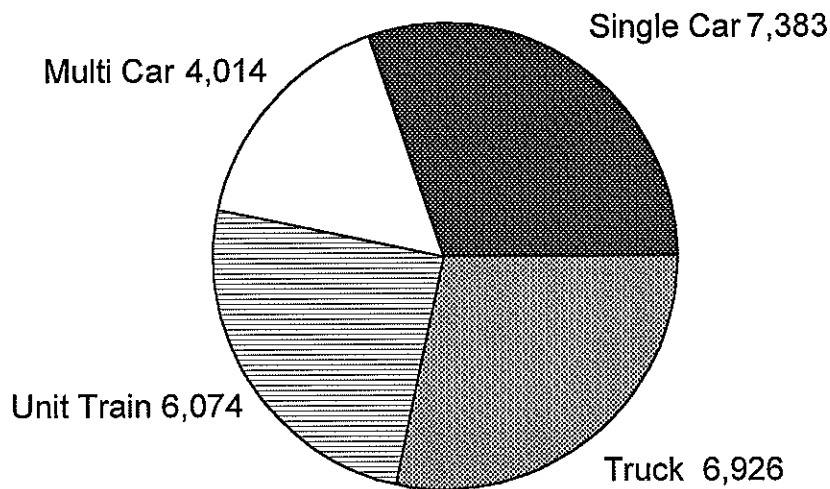
- 1,000 Bushels -



## Shipments of Corn

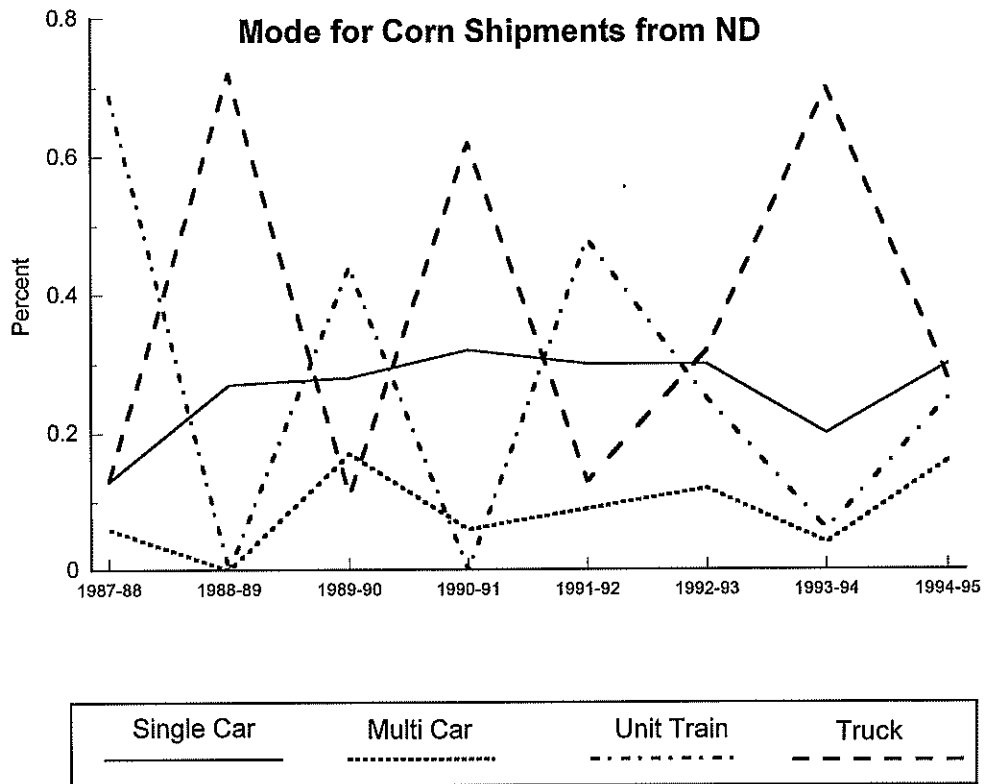
### All ND Elevators by Each Mode

- 1,000 Bushels -



**Mode for Corn Shipments from ND**  
(1,000 Bushels)

	Single Car	Multi Car	Unit Train	Truck	Total
1989-90	9,671	5,764	15,431	3,897	34,763
	0.28	0.17	0.44	0.11	
1990-91	732	127	0	1,400	2,259
	0.32	0.06	0.00	0.62	
1991-92	10,976	3,137	17,388	4,583	36,084
	0.30	0.09	0.48	0.13	
1992-93	5,506	2,128	4,568	5,851	18,053
	0.31	0.12	0.25	0.32	
1993-94	1,629	317	498	5,604	8,048
	0.20	0.04	0.06	0.70	
1994-95	7,383	4,014	6,074	6,926	24,398
	0.30	0.16	0.25	0.28	



# Mode for Corn Shipments from Each CRD

- Percent -

