

North Dakota Grain & Oilseed Transportation Statistics: 2022–23



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in cooperation with

North Dakota Wheat Commission
Bismarck, ND

North Dakota Soybean Council
Fargo, ND

North Dakota Corn Utilization Council
Fargo, ND

North Dakota Department of Agriculture
Bismarck, ND

With special thanks to the North Dakota grain elevator industry for providing this data monthly.

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Preface

The 2022-23 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Kimberly Vachal, Jaclyn Andersen, and Doug Benson, Upper Great Plains Transportation Institute. The authors gratefully acknowledge the desktop publishing assistance of Bev Trittin.

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 Department of Agriculture 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.

ND Wheat Commission

www.ndwheat.com/about/BoardofCommissioners/

ND Soybean Council

ndsoybean.org/the-council/#directors

ND Corn Utilization Council

<https://ndcorncouncil.org/about/council-members/>

ND Department of Agriculture

<https://www.ndda.nd.gov/divisions/grain-livestock-licensing/grain-licensing>

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NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS, 2022–23

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 (see figure on page iv).
- **Time:** By month, from July 2022 to June 2023, and previous years.
- **Commodity:** Hard red spring wheat, durum, barley, sunflower, soybeans, corn, canola, dry edible beans, and dry edible peas.

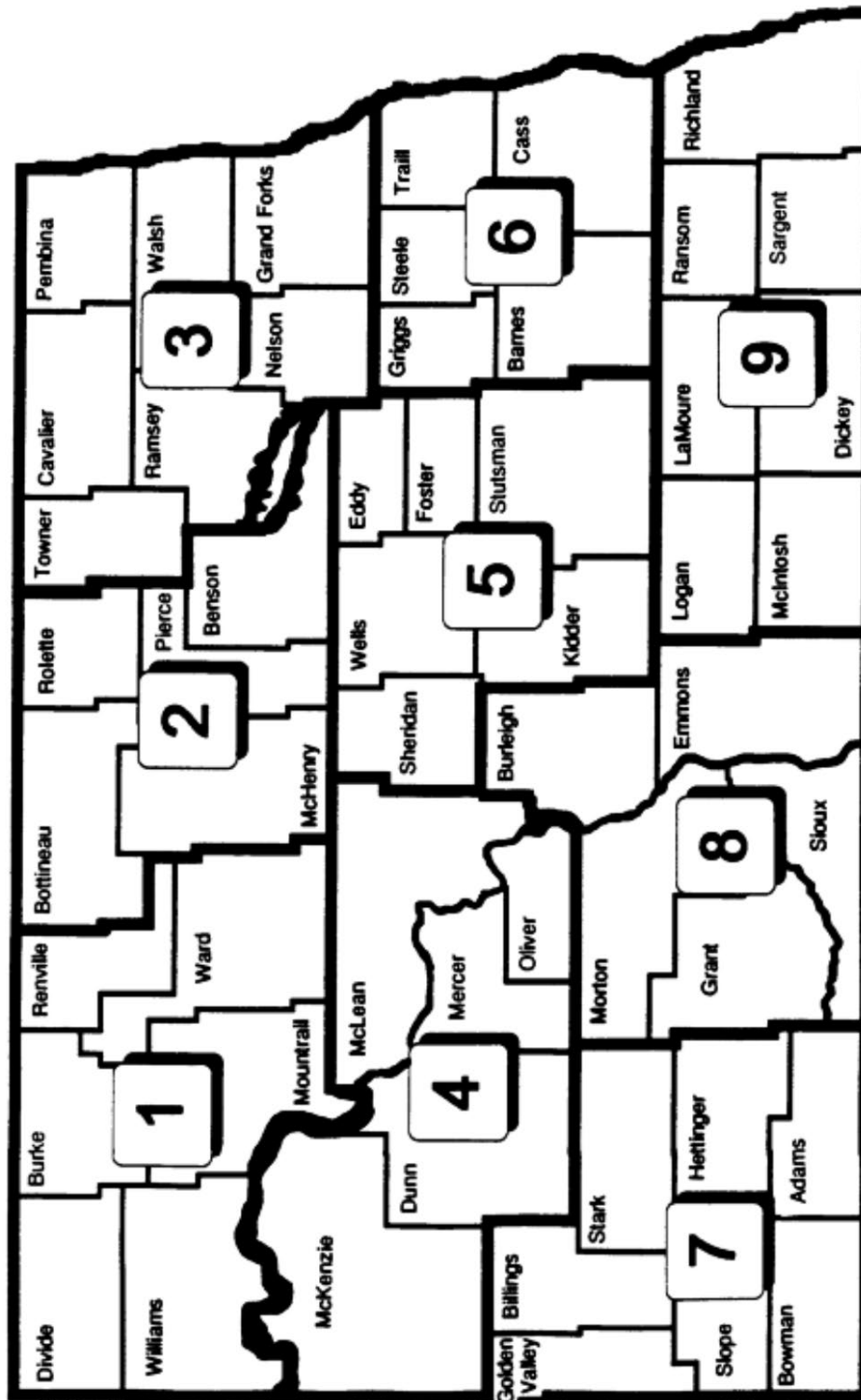
SOURCE OF DATA

The data used to analyze North Dakota grain distribution patterns for the period July 2022 through June 2023 were obtained from all country elevators in North Dakota. The data source is the North Dakota Department of Agriculture'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 North Dakota Department of Agriculture 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) Soybeans, (7) Corn, (8) Canola, (9) Dry Edible Beans, and (10) Dry Edible Peas.

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



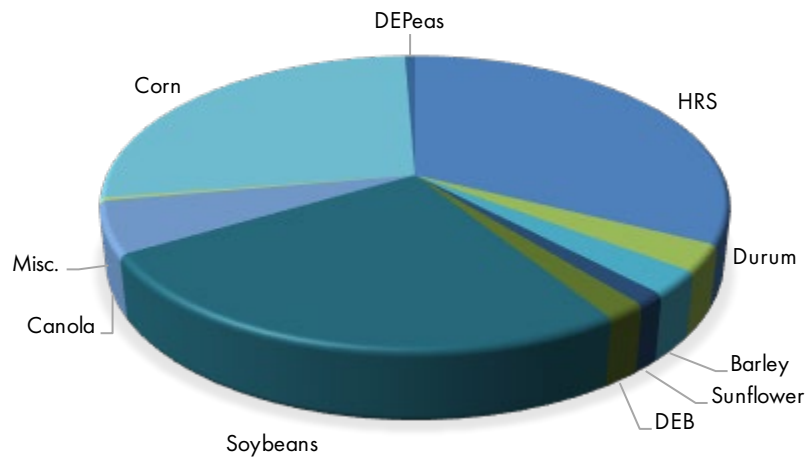
North Dakota Crop Reporting Districts and Counties

2022-23 totals are preliminary, representing 99 percent of the required reports.

TOTAL GRAIN AND OILSEED SHIPMENTS

YEAR	HRS	Durum	Barley	Sunflower	Soybeans	Corn	Canola	DEB	DEPeas	Misc.	TOTAL
2014-15	284,631	25,216	46,592	10,440	205,835	237,390	26,603	13,872	7,257	11,697	869,533
	33%	3%	5%	1%	24%	27%	3%	2%	1%	1%	100%
2015-16	283,666	26,929	49,708	9,583	180,157	185,128	28,305	15,517	13,318	11,802	804,113
	35%	3%	6%	1%	22%	23%	4%	2%	2%	2%	100%
2016-17	305,961	30,564	43,891	10,494	235,212	265,021	27,859	14,989	12,649	9,637	956,277
	32%	3%	5%	1%	25%	28%	3%	2%	1%	1%	100%
2017-18	225,647	17,635	39,150	12,103	220,085	282,733	25,798	18,275	14,165	6,741	862,331
	26%	2%	5%	1%	26%	33%	3%	2%	2%	1%	100%
2018-19	258,885	25,060	33,365	8,714	187,282	257,302	28,746	25,928	10,253	7,480	843,014
	31%	3%	4%	1%	22%	31%	3%	3%	1%	1%	100%
2019-20	268,063	31,744	56,438	6,601	199,083	167,344	41,599	18,795	34,514	9,253	833,433
	32%	4%	7%	1%	24%	20%	5%	2%	4%	1%	100%
2020-21	237,336	22,953	26,162	8,918	188,548	151,743	43,976	18,222	5,242	10,103	713,202
	33%	3%	4%	1%	26%	21%	6%	3%	1%	1%	100%
2021-22	220,755	22,375	20,619	12,702	161,641	201,148	34,223	12,666	2,368	2,175	690,671
	32%	3%	3%	2%	23%	29%	5%	2%	.3%	.3%	100%
2022-23	237,797	21,107	19,031	9,664	186,862	196,801	41,681	13,334	4,524	2,522	733,324
	32%	3%	3%	1%	26%	27%	6%	2%	.6%	.3%	100%

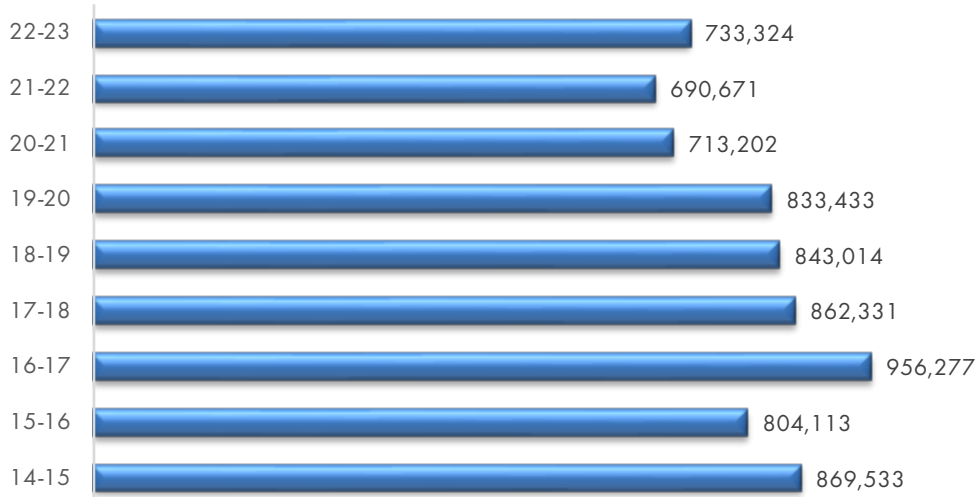
ALL SHIPMENTS BY COMMODITY, 2022-23



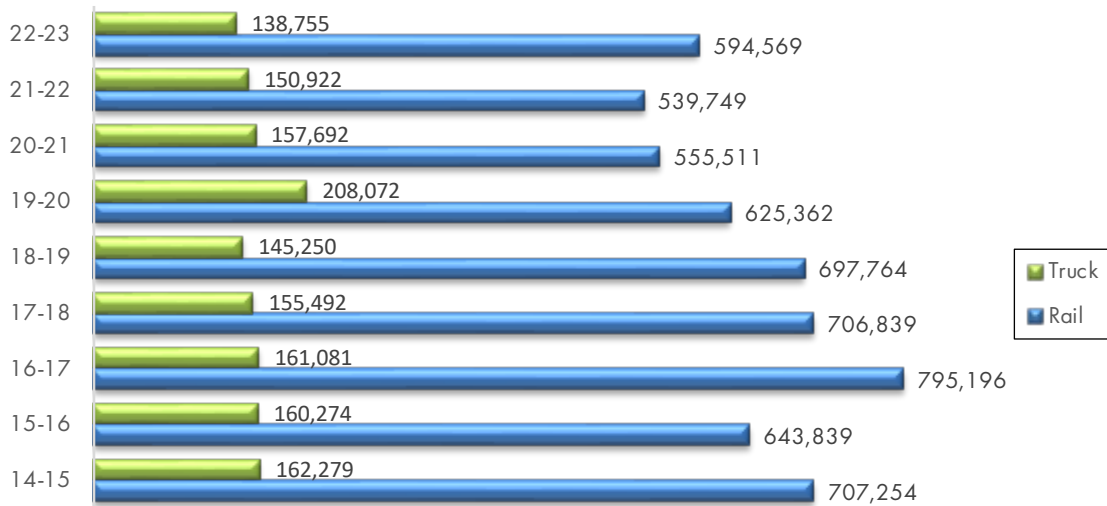
North Dakota Grain and Oilseed Shipments by Destination: 2014-15 to 2022-23 (thousand bu.)

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	56,580	22,319	326,513	139,930	48,604	69,011	206,565	869,533
	7%	3%	38%	16%	6%	8%	24%	100%
2015-16	58,653	18,074	299,478	123,473	44,885	64,101	195,433	804,113
	7%	2%	37%	15%	6%	8%	24%	100%
2016-17	82,533	24,427	444,269	123,933	48,912	51,468	180,742	956,277
	9%	3%	46%	13%	5%	5%	19%	100%
2017-18	66,728	8,501	390,564	107,766	51,491	52,392	184,884	862,331
	8%	1%	45%	12%	6%	6%	21%	100%
2017-18	66,728	8,501	390,564	107,766	51,491	52,392	184,884	862,331
	8%	1%	45%	12%	6%	6%	21%	100%
2018-19	76,670	18,712	364,823	87,324	46,626	59,984	188,894	843,014
	9%	2%	43%	10%	6%	7%	22%	100%
2019-20	85,658	25,743	305,466	87,276	73,450	88,448	167,400	833,433
	10%	3%	37%	10%	9%	11%	20%	100%
2020-21	66,623	10,231	291,492	94,864	54,260	45,316	150,411	713,202
	9%	1%	41%	13%	8%	6%	21%	100%
2021-22	57,861	8,031	277,786	109,968	47,684	40,105	149,238	690,671
	8%	1%	40%	16%	7%	6%	22%	100%
2022-23	55,741	4,940	290,730	102,788	40,772	50,845	187,735	733,324
	8%	1%	40%	14%	6%	7%	26%	100%

ALL COMMODITY SHIPMENTS
2014-15 to 2022-23
(thousand bushels)

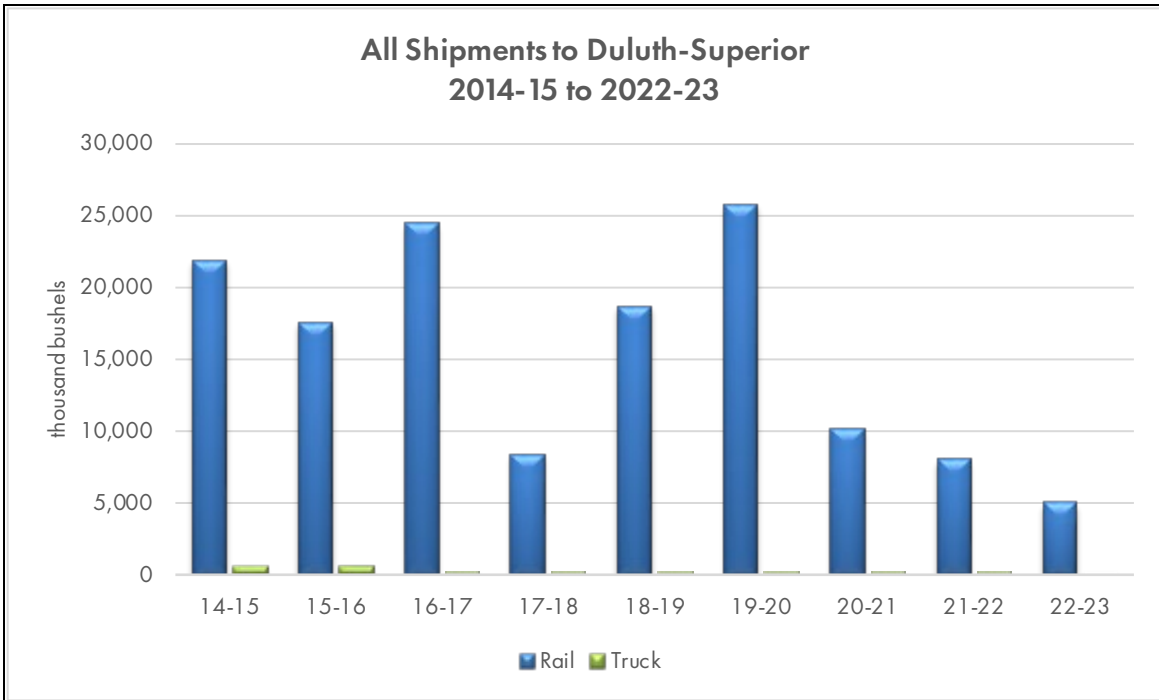
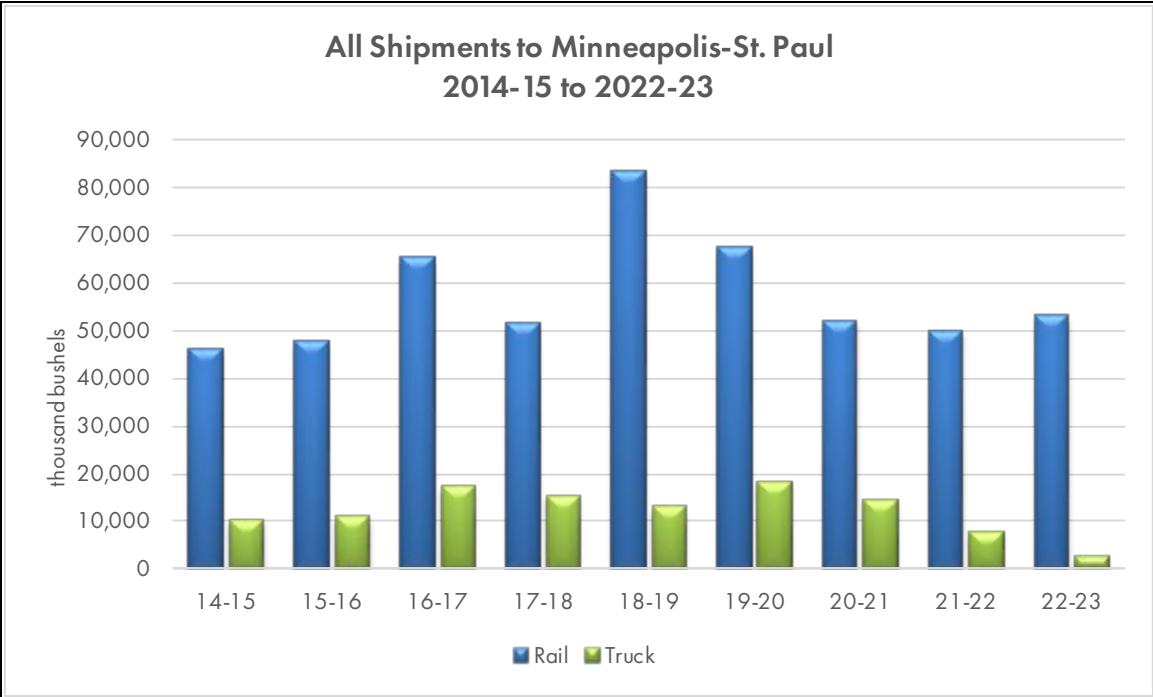


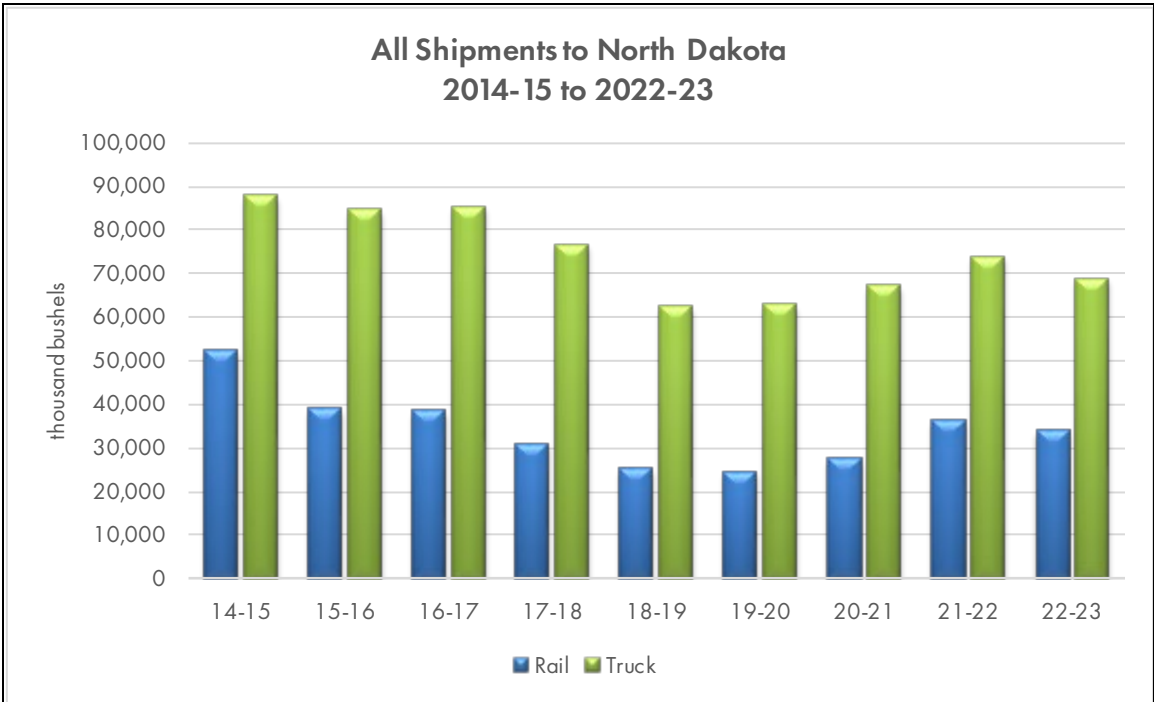
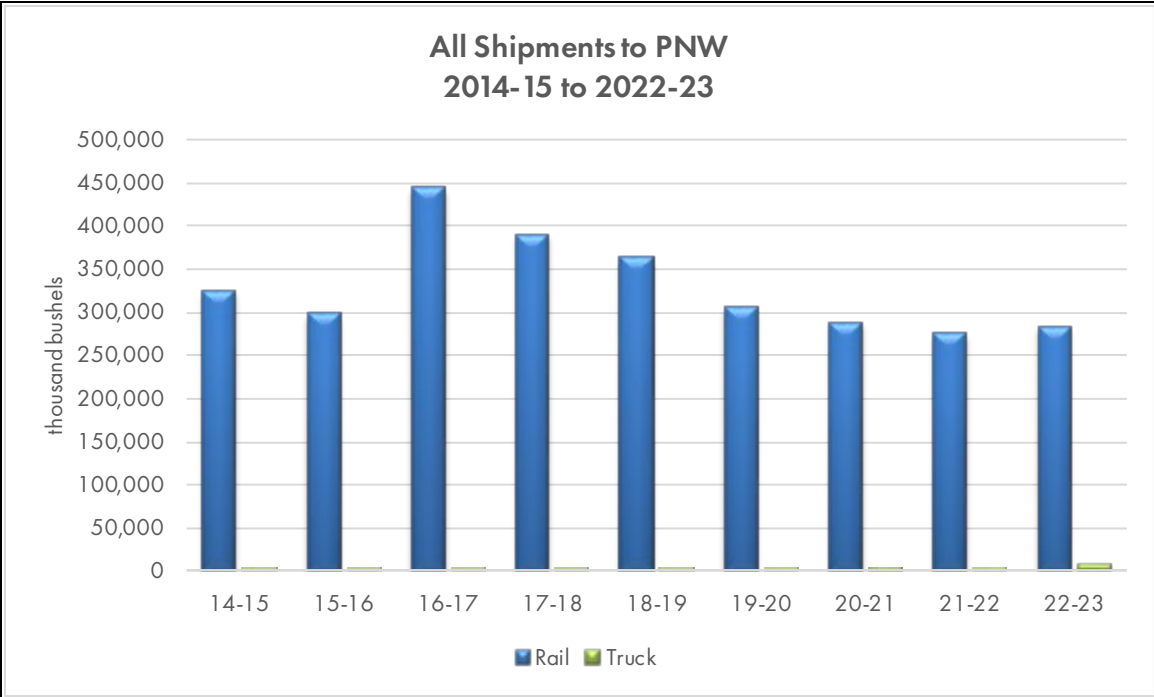
ALL COMMODITY SHIPMENTS
2014-15 to 2022-23
(thousand bushels)

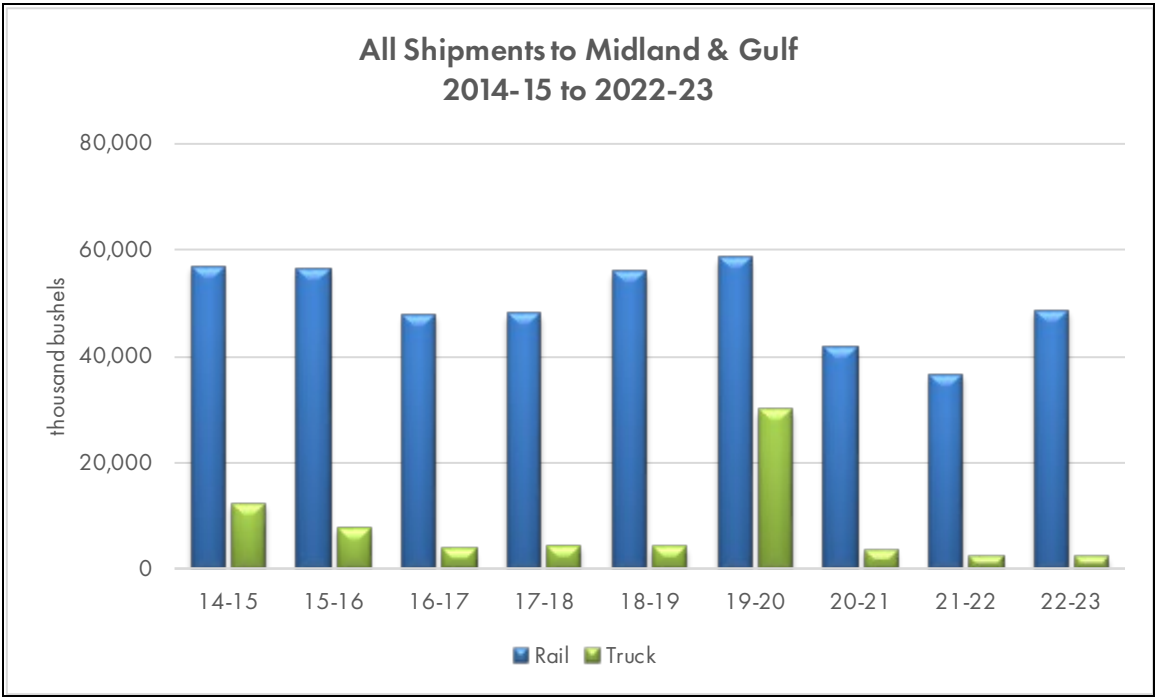
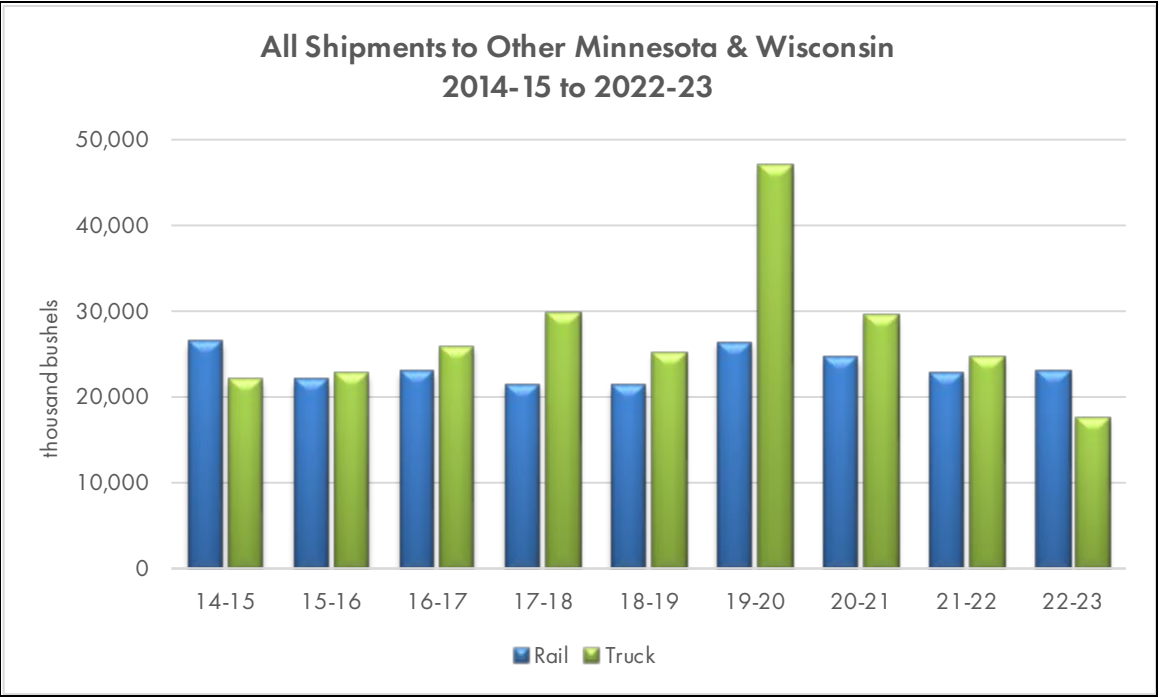


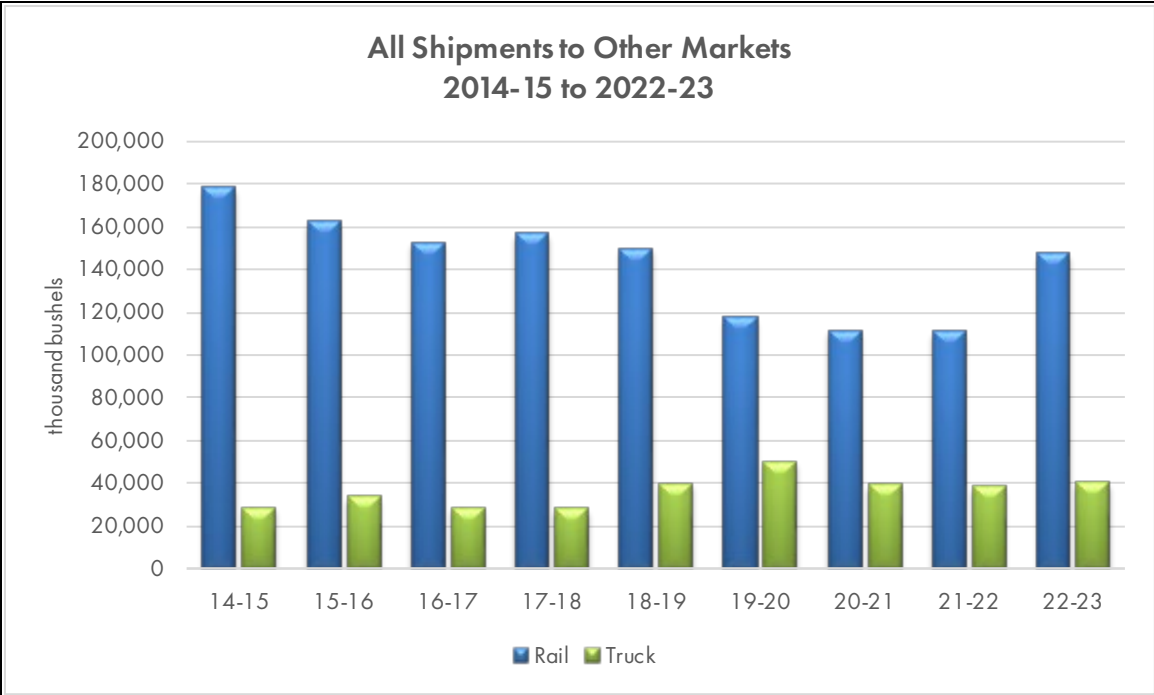
North Dakota Grain and Oilseed Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	46,223	10,357	21,803	516	325,710	803	52,088	87,842	26,516	22,089	56,725	22,089	178,189	28,377	707,254	162,279
	82%	18%	98%	2%	100%	0%	37%	63%	55%	45%	82%	18%	86%	14%	81%	19%
2015-16	47,704	10,949	17,538	536	299,150	328	38,909	84,565	22,096	22,790	56,445	7,656	161,996	33,437	643,839	160,274
	81%	19%	97%	3%	100%	0%	32%	68%	49%	51%	88%	12%	83%	17%	80%	20%
2016-17	65,374	17,159	24,361	67	443,859	410	38,564	85,369	22,999	25,913	47,717	3,751	152,324	28,418	795,196	161,081
	79%	21%	100%	0%	100%	0%	31%	69%	47%	53%	93%	7%	84%	16%	83%	17%
2017-18	51,509	15,218	8,379	122	389,573	991	31,026	76,740	21,561	29,929	47,978	4,414	156,815	28,070	706,839	155,492
	77%	23%	99%	1%	100%	0%	29%	71%	42%	58%	92%	8%	85%	15%	82%	18%
2018-19	63,575	13,096	18,643	68	363,914	909	25,011	62,314	21,406	25,221	55,788	4,196	149,430	39,464	697,764	145,250
	83%	17%	100%	0%	100%	0%	29%	71%	46%	54%	93%	7%	79%	21%	83%	17%
2019-20	67,389	18,269	25,696	48	305,212	255	24,463	62,813	26,456	46,994	58,465	29,984	117,682	49,718	625,362	208,072
	79%	21%	100%	0%	100%	0%	28%	72%	36%	64%	66%	34%	70%	30%	75%	25%
2020-21	52,159	14,464	10,183	48	287,869	3,623	27,569	67,295	24,680	29,580	41,741	3,574	111,313	39,099	555,511	157,692
	78%	22%	100%	0%	99%	1%	29%	71%	45%	55%	92%	8%	74%	26%	78%	22%
2021-22	49,981	7,880	7,977	54	275,252	2,534	36,174	73,794	22,910	24,773	36,636	3,470	110,815	38,423	539,749	150,922
	86%	14%	99%	1%	99%	1%	33%	67%	48%	52%	91%	9%	74%	26%	78%	22%
2022-23	53,165	2,575	4,940	0%	283,549	7,181	33,836	68,952	23,152	17,620	48,482	2,364	147,444	40,291	594,569	138,755
	95%	5%	100%	0%	98%	2%	33%	67%	57%	43%	95%	5%	79%	21%	81%	19%



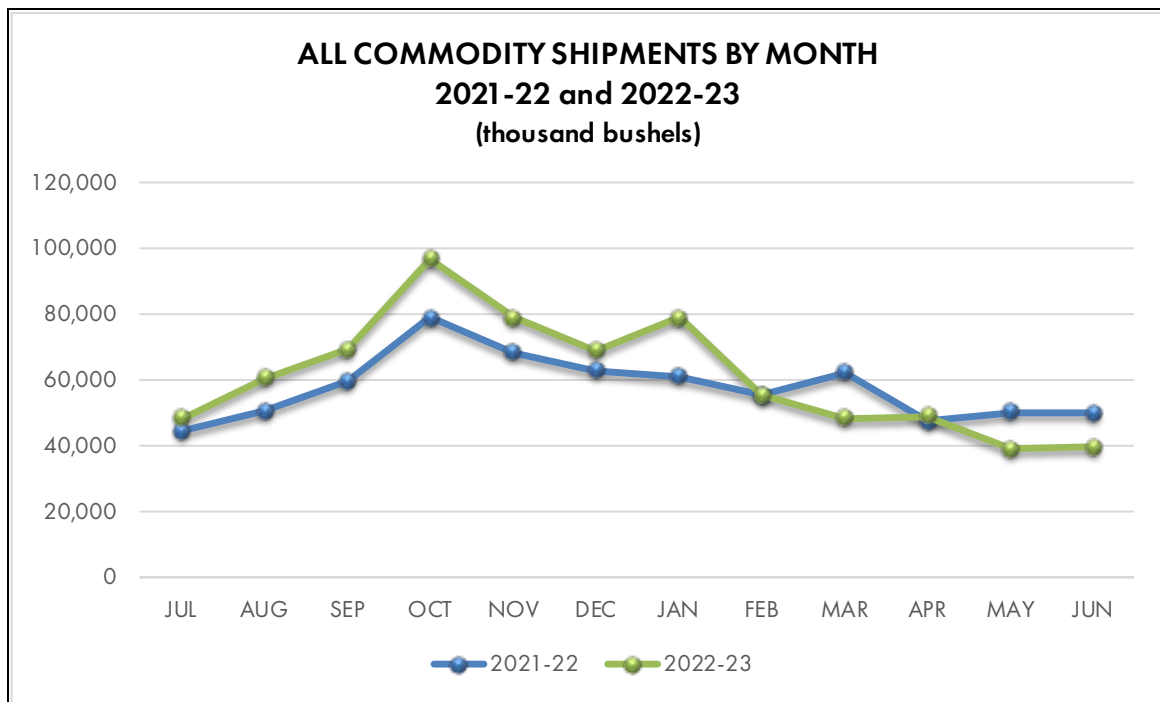






North Dakota Grain and Oilseed Movements by Month: July 2022–June 2023 (thousand bu.)

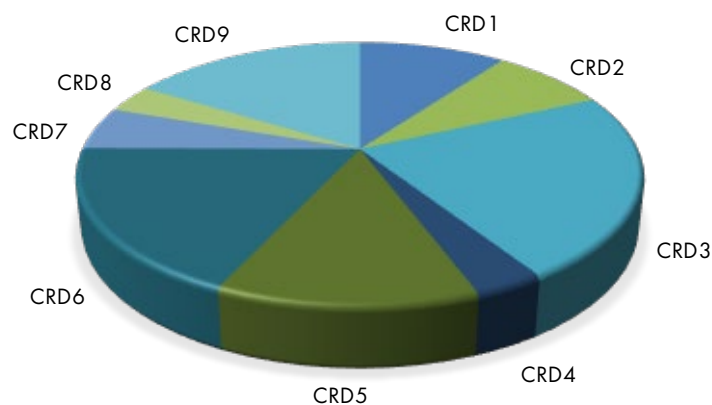
MONTH	HRS	Durum	Barley	SF	Corn	Soybeans	Canola	DEB	DEPeas	Other	TOTAL
July	19,240	1,261	1,296	574	16,080	7,332	687	738	975	60	48,242
August	26,115	2,117	1,485	463	15,075	11,805	1,958	725	208	469	60,420
September	42,346	1,860	1,520	180	9,044	6,166	6,470	971	267	420	69,243
October	13,185	1,492	1,178	1,133	9,319	61,396	7,336	884	540	294	96,757
November	15,016	2,733	1,557	1,388	16,885	33,672	4,129	3,246	78	253	78,957
December	15,142	1,282	1,732	877	26,118	17,808	4,712	684	484	169	69,007
January	21,277	1,649	1,162	806	19,363	28,087	4,831	1,012	791	152	79,129
February	20,644	2,765	1,694	846	19,833	5,928	2,805	614	174	176	55,480
March	16,041	2,416	2,956	1,409	18,393	3,476	2,491	1,050	140	124	48,495
April	16,102	1,342	1,340	765	20,648	4,262	3,132	989	155	149	48,885
May	16,174	1,417	1,533	657	14,498	1,865	1,453	1,281	51	113	39,044
June	16,515	774	1,579	566	11,546	5,066	1,676	1,141	660	143	39,666
TOTAL	237,797	21,107	19,031	9,664	196,801	186,862	41,681	13,334	4,524	2,522	733,324



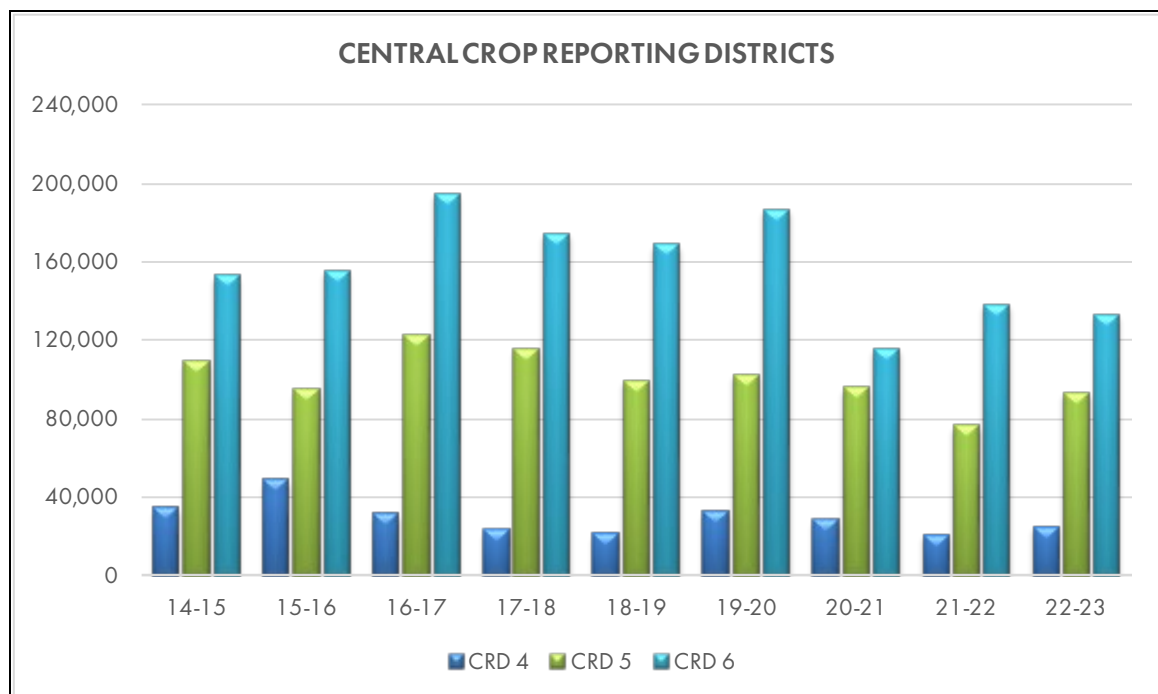
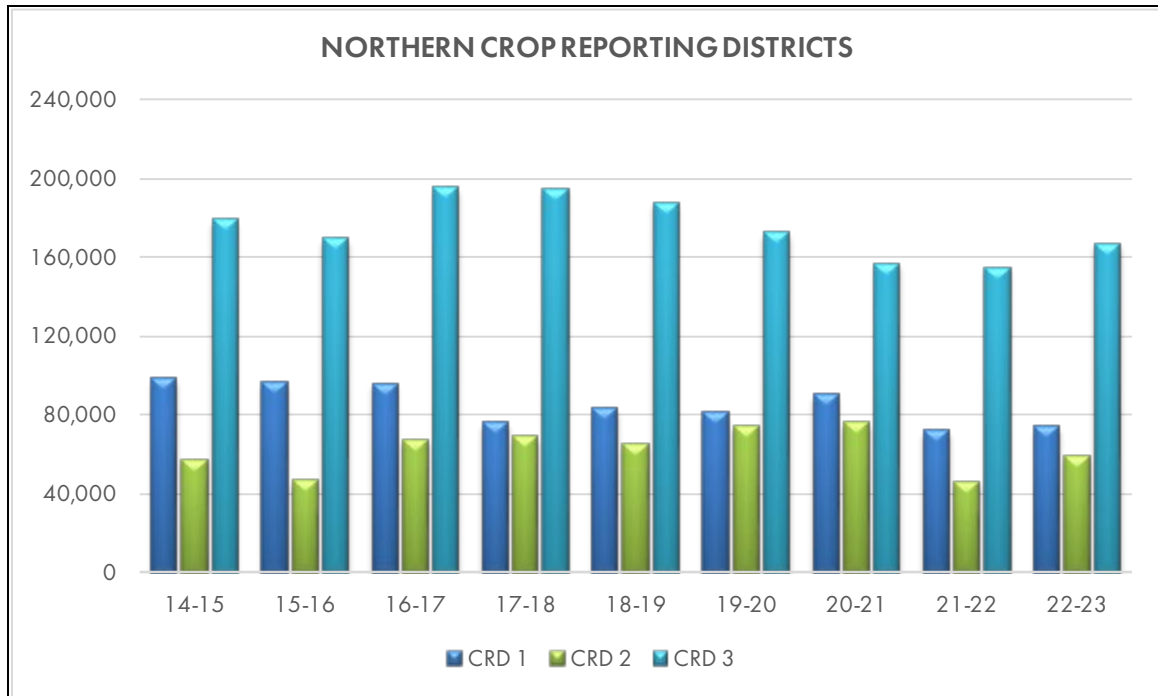
North Dakota Grain and Oilseed Shipments by Crop Reporting District Origin
2014-15 to 2022-23 (thousand bu.)

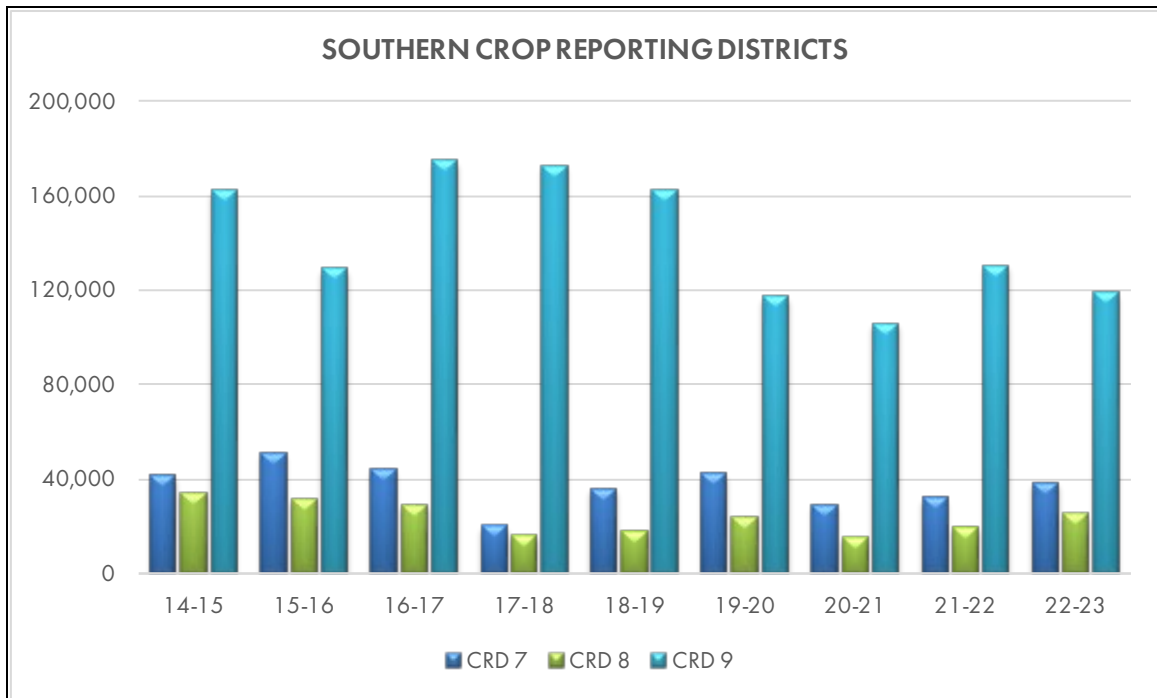
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	98,409	57,285	179,404	34,605	109,103	152,948	41,358	34,329	162,091	869,533
	11%	7%	21%	4%	13%	18%	5%	4%	19%	100%
2014-15	98,409	57,285	179,404	34,605	109,103	152,948	41,358	34,329	162,091	869,533
	11%	7%	21%	4%	13%	18%	5%	4%	19%	100%
2015-16	96,608	46,961	169,082	29,030	94,936	155,425	51,051	31,612	129,408	804,113
	12%	6%	21%	4%	12%	19%	6%	4%	16%	100%
2016-17	95,715	67,342	195,703	31,605	122,874	194,978	44,131	28,952	174,977	956,277
	12%	6%	20%	3%	13%	17%	5%	3%	18%	100%
2017-18	76,077	68,809	195,164	23,246	115,402	174,496	20,242	16,187	172,707	862,331
	9%	9%	23%	3%	13%	20%	2%	2%	20%	100%
2018-19	83,436	65,000	187,914	21,595	99,155	169,216	35,772	18,135	162,792	843,014
	10%	8%	22%	3%	12%	20%	4%	2%	19%	100%
2019-20	81,231	74,367	172,491	32,807	102,191	186,672	42,294	23,952	117,427	833,433
	10%	9%	21%	4%	12%	22%	5%	3%	14%	100%
2020-21	90,152	76,204	156,436	28,429	95,764	115,836	29,091	15,422	105,868	713,202
	13%	11%	22%	4%	13%	16%	4%	2%	15%	100%
2021-22	72,021	46,412	154,719	21,066	76,445	137,846	31,952	19,647	130,564	690,671
	10%	7%	22%	3%	11%	20%	5%	3%	19%	100%
2022-23	73,906	58,835	166,845	25,161	93,006	133,091	38,511	25,085	118,883	733,324
	10%	8%	23%	4%	13%	18%	5%	3%	16%	100%

**N.D. GRAIN & OILSEED SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN, 2022-23**



All Grain and Oilseed Shipments by Crop Reporting District (thousand bu.)

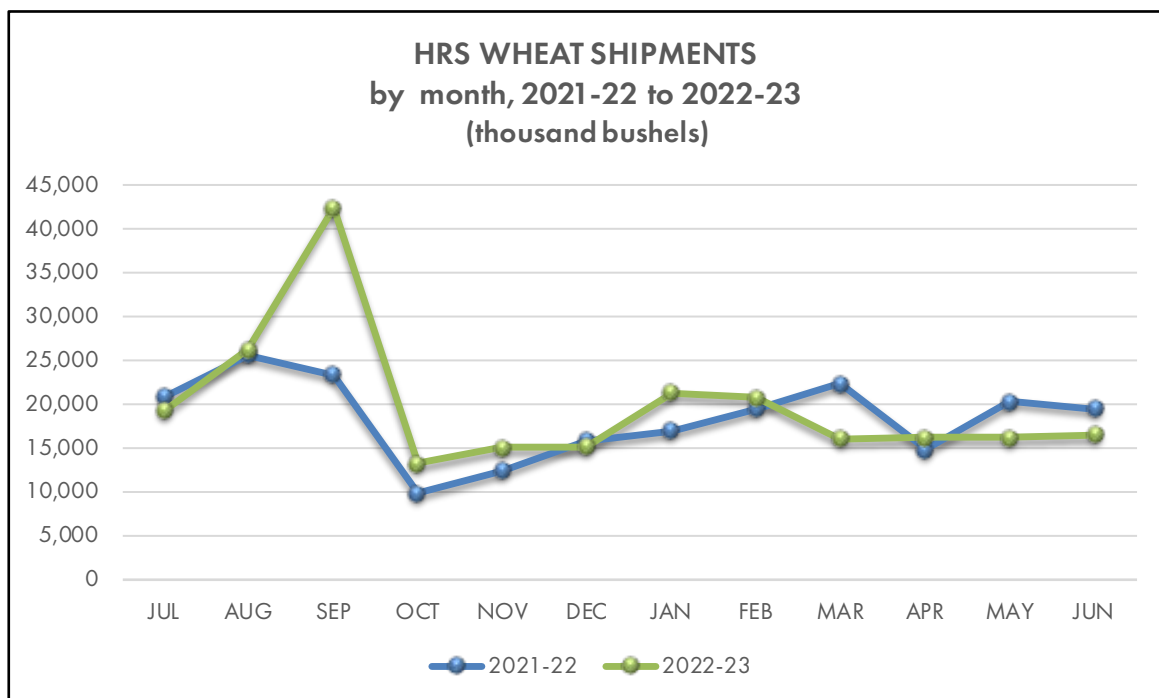
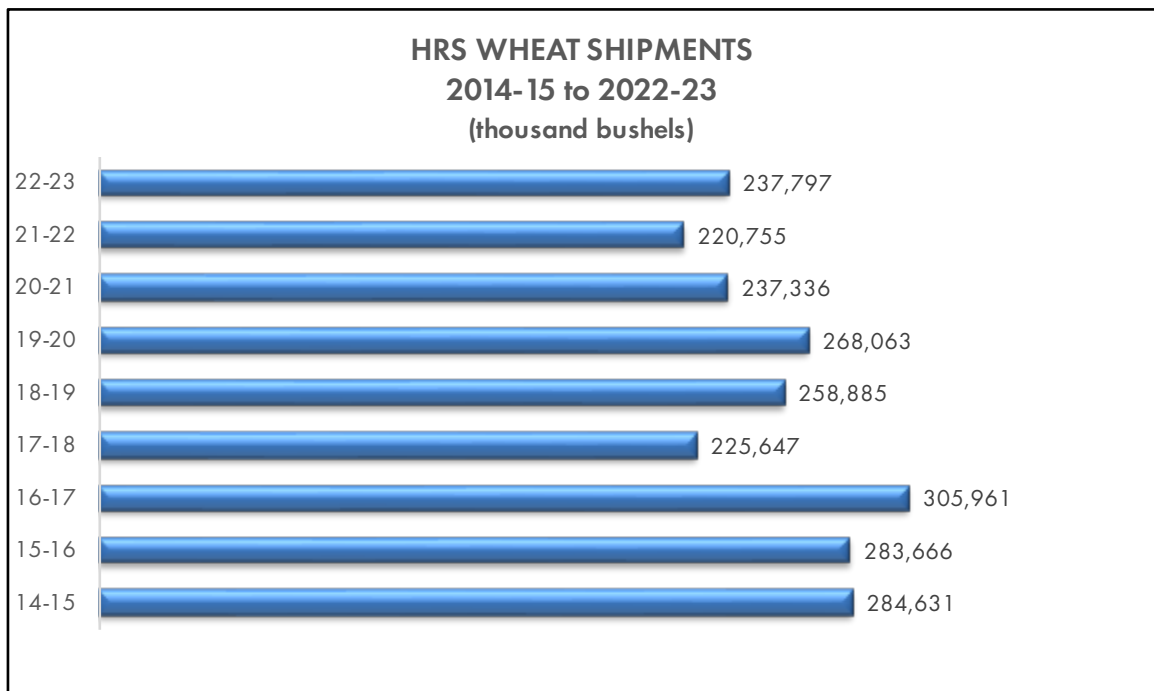




HARD RED SPRING WHEAT SHIPMENTS

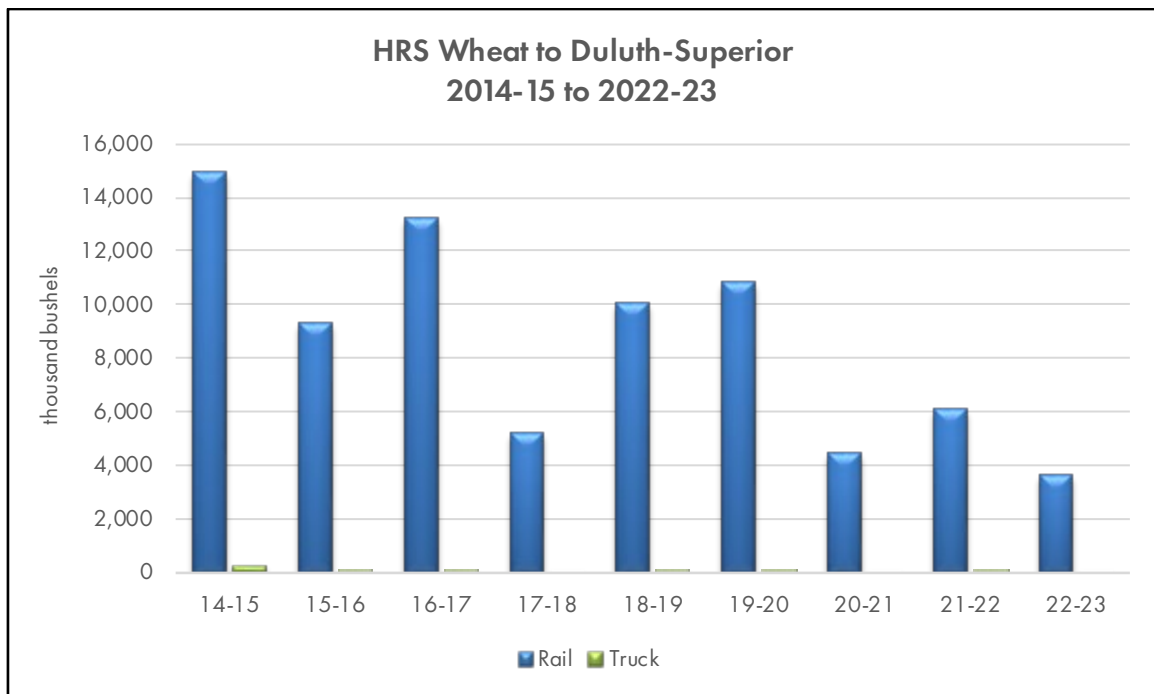
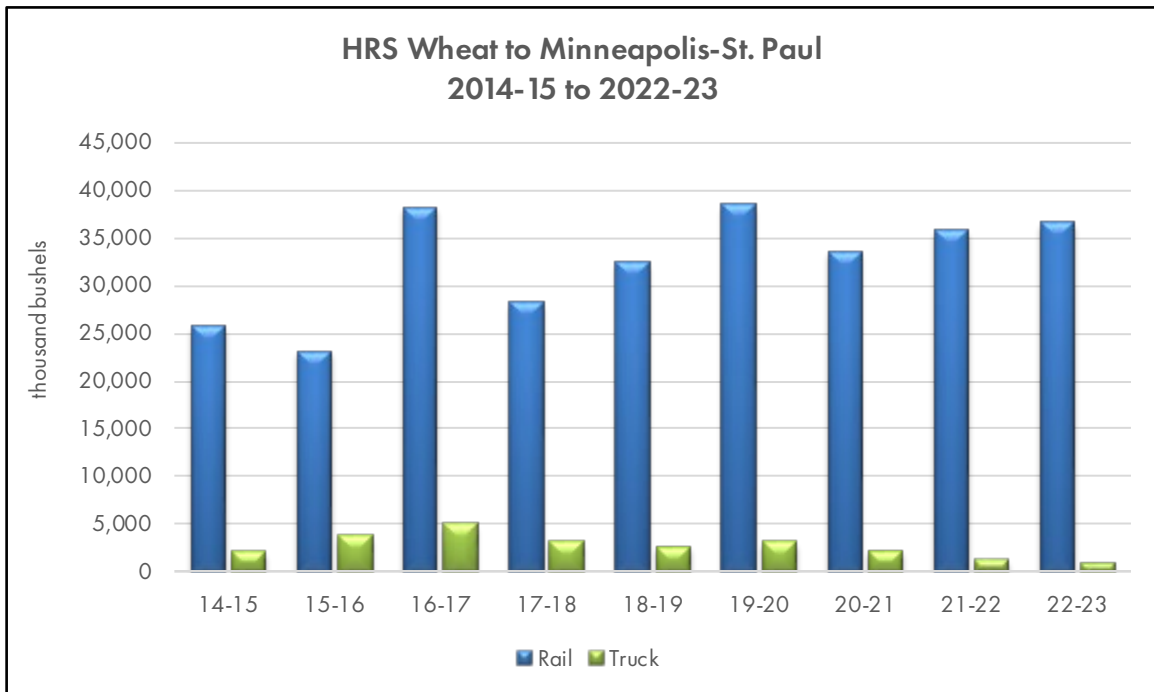
North Dakota Hard Red Spring Wheat Shipments by Destination (thousand bu.)

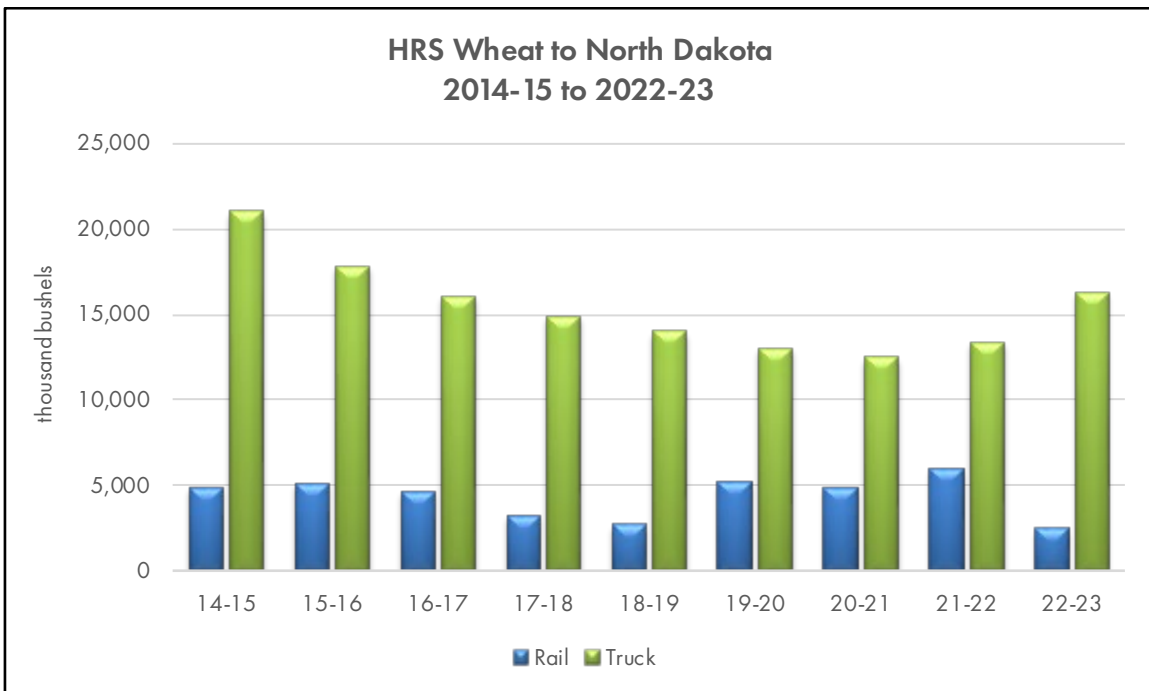
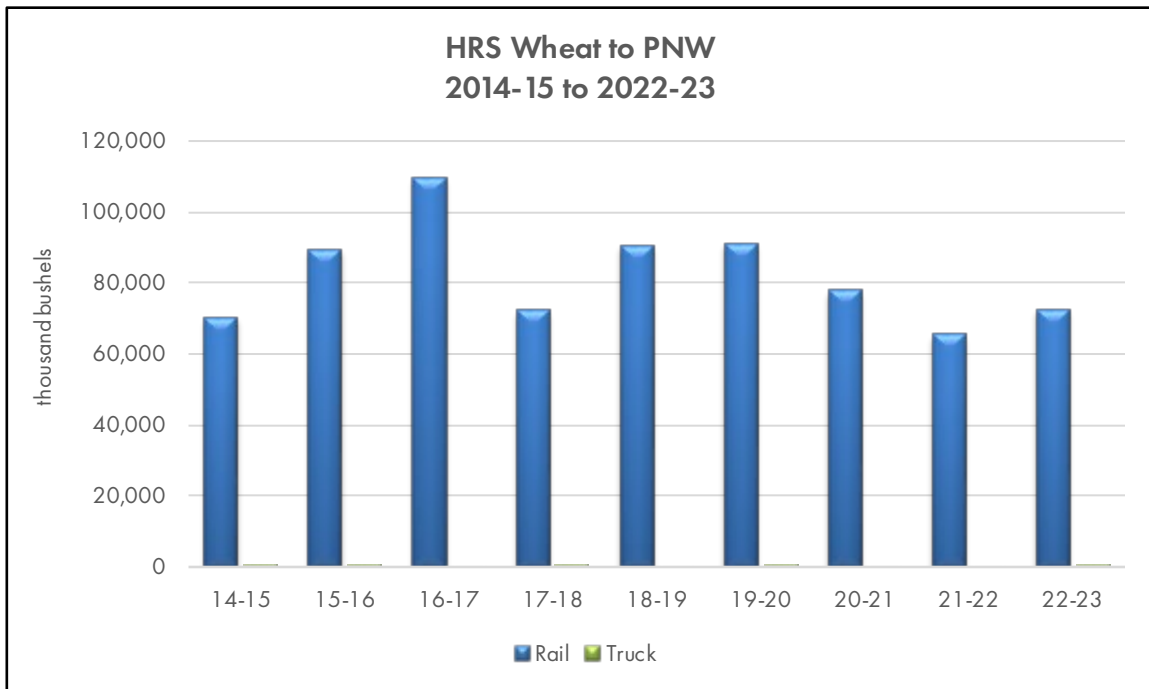
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	27,823	15,159	70,867	25,775	15,308	30,389	99,309	284,631
	10%	5%	25%	9%	5%	11%	35%	100%
2015-16	26,868	9,271	89,365	22,877	11,443	29,934	93,909	283,666
	9%	3%	32%	8%	4%	11%	33%	100%
2016-17	43,058	13,217	109,590	20,657	14,232	24,411	80,797	305,961
	14%	4%	36%	7%	5%	8%	26%	100%
2017-18	31,359	5,188	72,515	18,095	14,106	19,897	64,488	225,647
	14%	2%	32%	8%	6%	9%	29%	100%
2018-19	34,962	10,008	90,482	16,693	10,412	29,173	67,153	258,885
	14%	4%	35%	6%	4%	11%	26%	100%
2019-20	41,564	10,820	91,015	18,106	13,220	31,053	62,286	268,063
	16%	4%	34%	7%	5%	12%	23%	100%
2020-21	35,753	4,431	77,971	17,304	13,083	23,921	64,874	237,336
	15%	2%	33%	7%	6%	10%	27%	100%
2021-22	36,966	6,088	65,648	19,372	11,179	25,301	56,200	220,755
	17%	3%	30%	9%	5%	11%	25%	100%
2022-23	37,498	3,624	72,850	18,714	6,724	28,072	70,316	237,797
	16%	2%	31%	8%	3%	12%	30%	100%

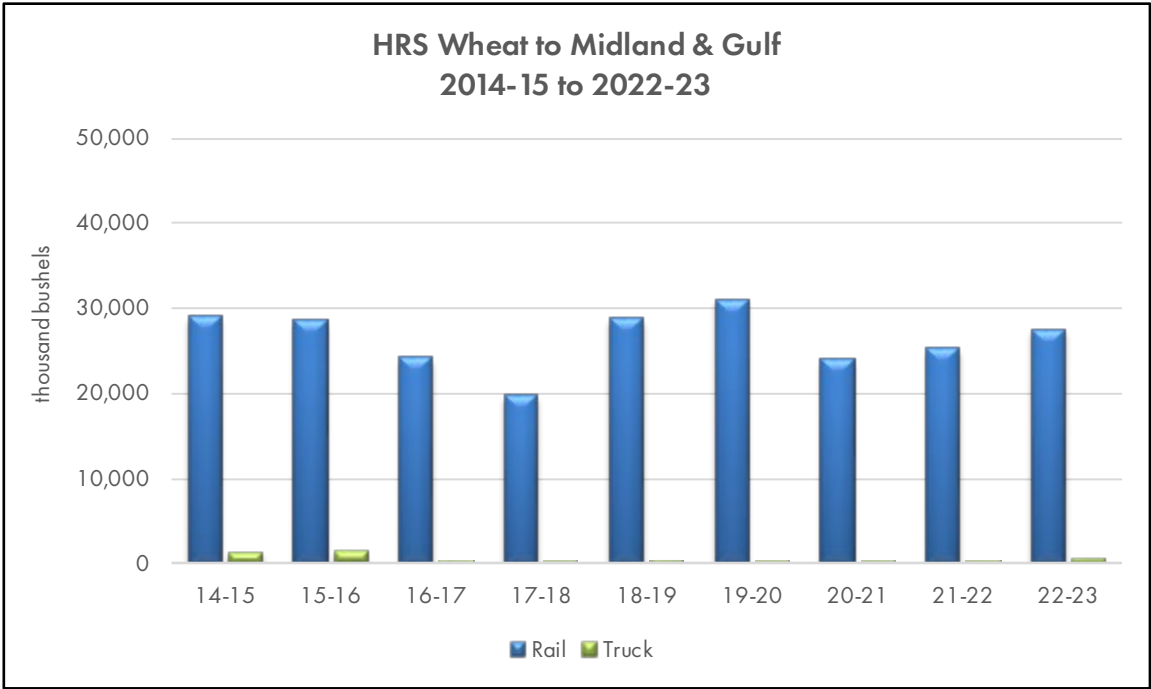
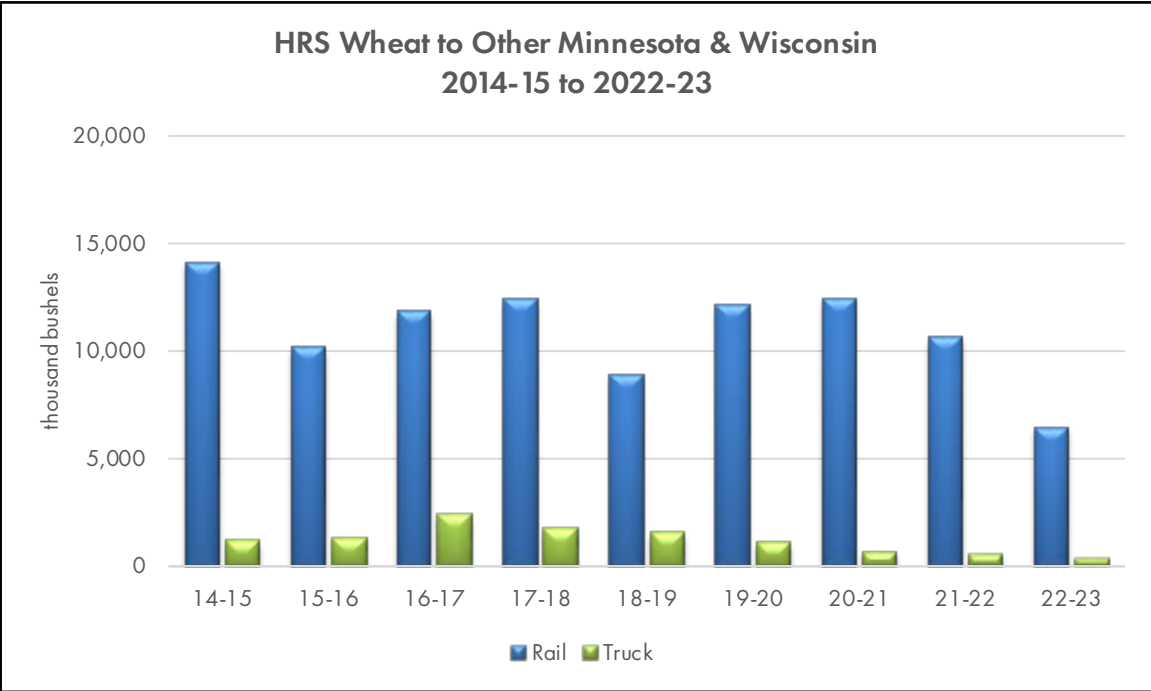


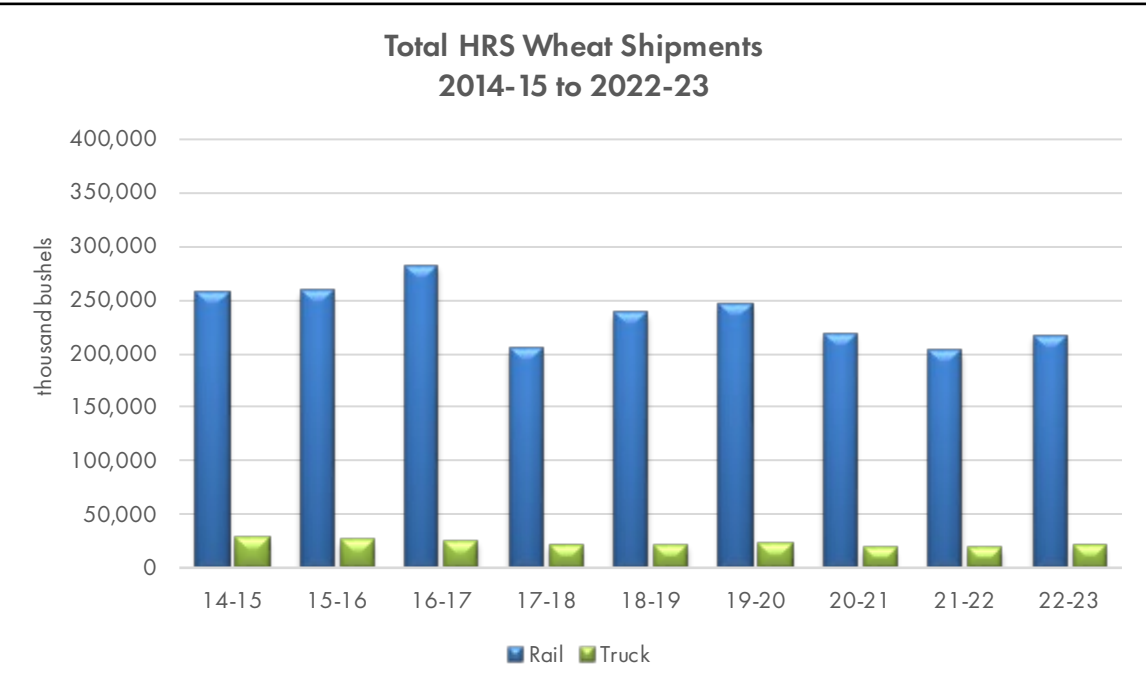
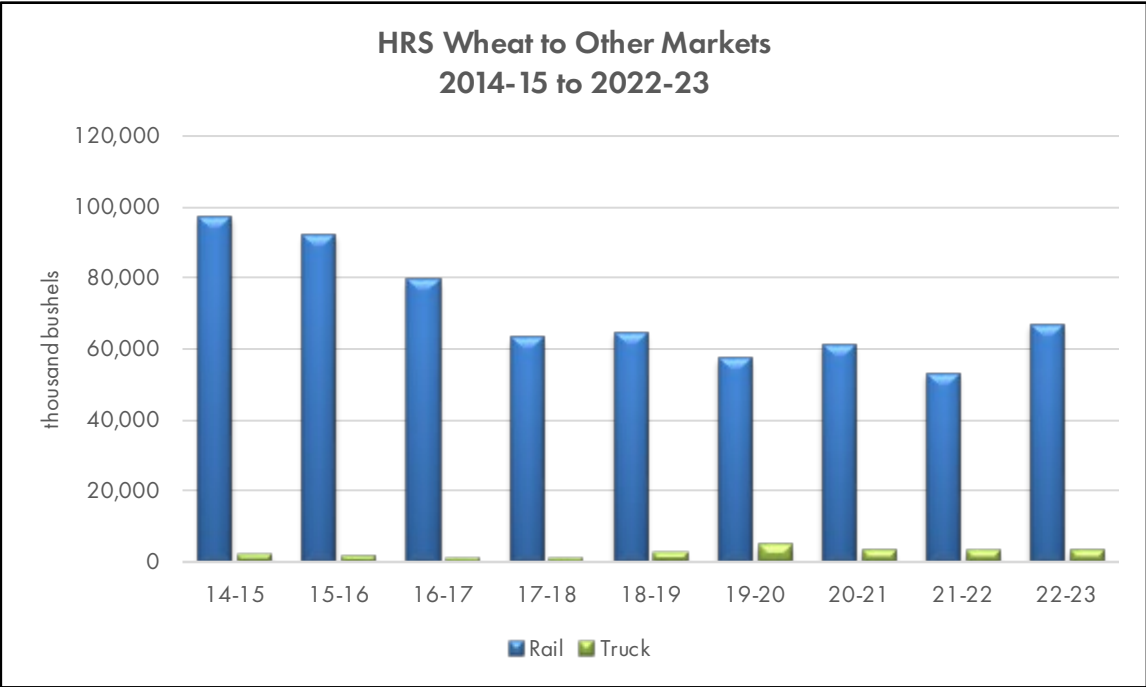
North Dakota Hard Red Spring Wheat Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	25,695	2,128	14,934	225	70,427	441	4,818	20,957	14,128	1,180	29,063	1,326	97,266	2,043	256,332	28,299
	92%	8%	99%	1%	99%	1%	19%	81%	92%	8%	96%	4%	98%	2%	90%	10%
2015-16	23,064	3,804	9,257	13	89,340	24	5,094	17,783	10,146	1,297	28,557	1,377	92,259	1,650	257,717	25,949
	86%	14%	100%	0%	100%	0%	22%	78%	89%	11%	95%	5%	98%	2%	91%	9%
2016-17	38,064	4,994	13,205	12	109,590	0	4,636	16,021	11,843	2,389	24,145	267	79,648	1,149	281,130	24,831
	88%	12%	100%	0%	100%	0%	22%	78%	83%	17%	99%	1%	99%	1%	92%	8%
2017-18	28,179	3,181	5,188	0	72,138	377	3,232	14,862	12,402	1,704	19,701	196	63,368	1,121	204,207	21,440
	90%	10%	100%	0%	99%	1%	18%	82%	88%	12%	99%	1%	98%	2%	90%	10%
2018-19	32,342	2,620	9,989	19	90,482	0	2,681	14,013	8,877	1,535	28,832	342	64,572	2,581	237,775	21,110
	93%	7%	100%	0%	100%	0%	16%	84%	85%	15%	99%	1%	96%	4%	92%	8%
2019-20	38,402	3,162	10,811	9	90,992	23	5,134	12,972	12,135	1,085	30,988	65	57,327	4,959	245,789	22,274
	92%	8%	100%	0%	100%	0%	28%	72%	92%	8%	100%	0%	92%	8%	92%	8%
2020-21	33,525	2,227	4,431	0	77,971	0	4,825	12,479	12,432	651	23,899	23	61,425	3,449	218,508	18,828
	94%	6%	100%	0%	100%	0%	28%	72%	95%	5%	100%	0%	95%	5%	92%	8%
2021-22	35,733	1,233	6,073	15	65,648	0	6,009	13,363	10,648	531	25,291	10	52,852	3,348	202,254	18,501
	97%	3%	100%	0%	100%	0%	31%	69%	95%	5%	100%	0%	94%	6%	92%	8%
2022-23	36,496	1,002	3,624	0	72,424	426	2,442	16,272	6,409	315	27,560	511	66,857	3,459	215,813	21,984
	97%	3%	100%	0%	99%	1%	13%	87%	95%	5%	98%	2%	95%	5%	91%	9%



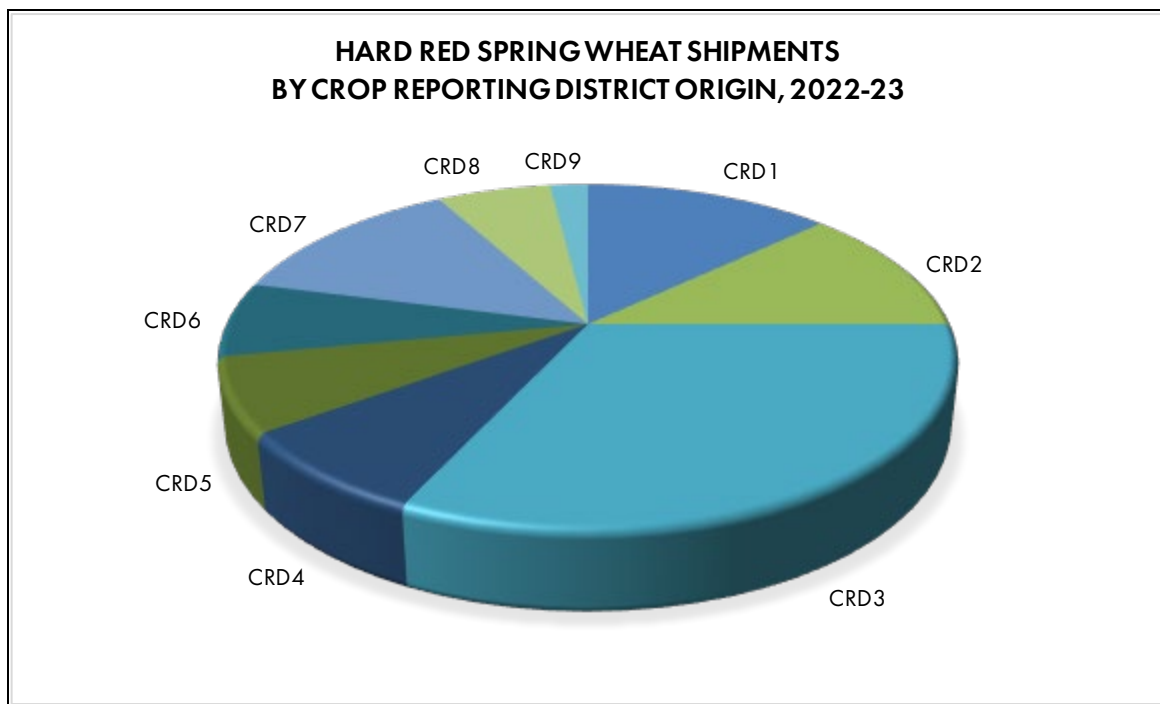




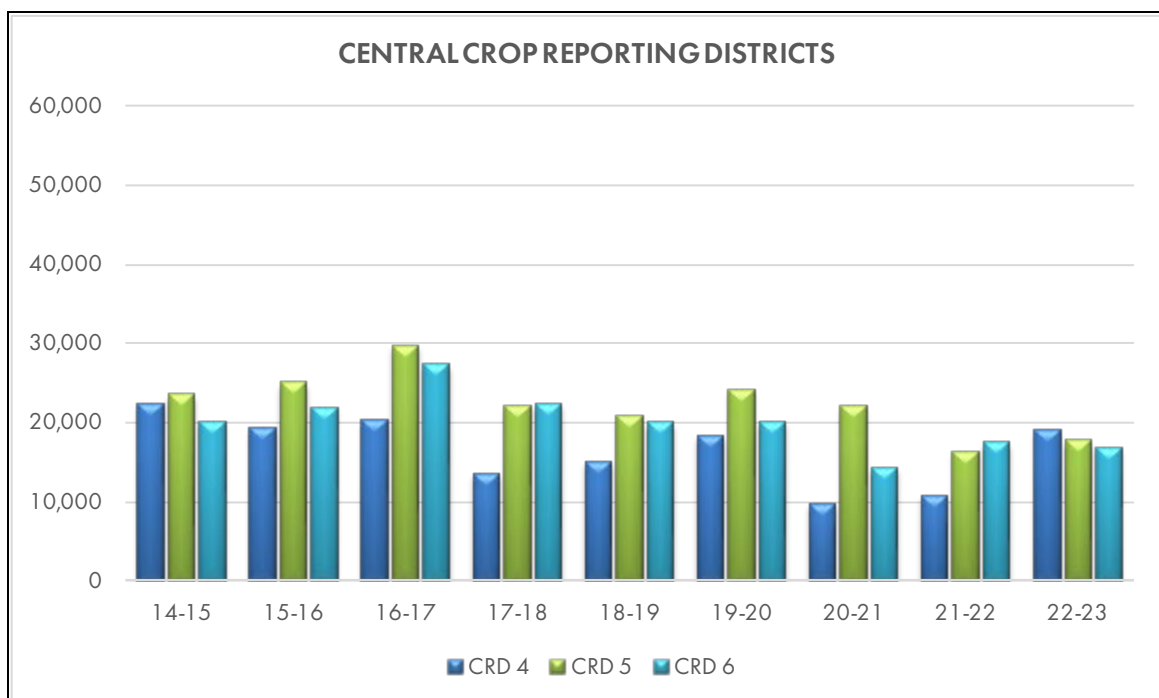
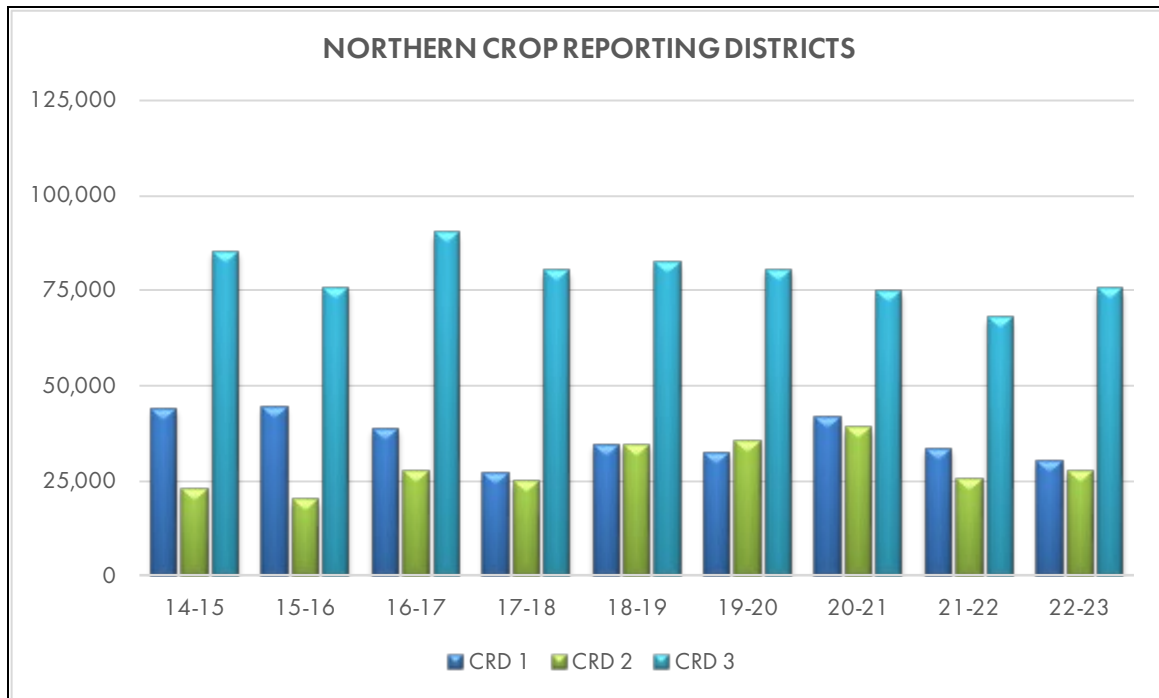


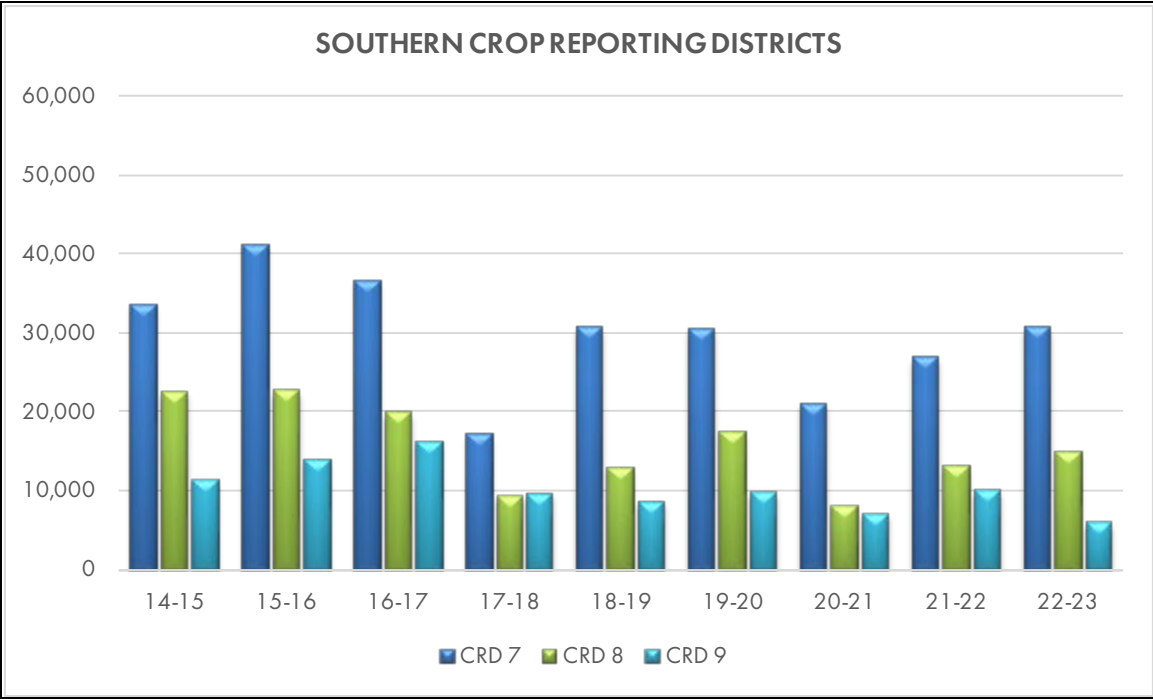
North Dakota Hard Red Spring Wheat Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	43,731	22,765	85,138	22,359	23,398	19,996	33,579	22,504	11,162	284,631
	15%	8%	30%	8%	8%	7%	12%	8%	4%	100%
2015-16	44,357	19,981	75,852	19,246	24,938	21,818	41,109	22,582	13,783	283,666
	16%	7%	27%	7%	9%	8%	14%	8%	5%	100%
2016-17	38,505	27,502	90,353	20,218	29,574	27,244	36,591	19,831	16,143	305,961
	13%	9%	30%	7%	10%	9%	12%	6%	5%	100%
2017-18	26,874	24,789	80,248	13,492	22,055	22,321	17,011	9,267	9,591	225,647
	12%	11%	36%	6%	10%	10%	8%	4%	4%	100%
2018-19	34,436	34,368	82,323	15,016	20,728	19,969	30,629	12,854	8,562	258,885
	13%	13%	32%	6%	8%	8%	12%	5%	3%	100%
2019-20	32,297	35,312	80,599	18,253	24,094	20,028	30,509	17,238	9,732	268,063
	12%	13%	30%	7%	9%	7%	11%	6%	4%	100%
2020-21	41,471	38,746	74,874	9,668	22,096	14,282	20,893	8,011	7,027	237,336
	18%	16%	32%	4%	9%	6%	9%	3%	3%	100%
2021-22	33,355	25,556	67,670	10,675	16,240	17,416	26,879	12,993	9,881	220,755
	15%	12%	31%	5%	7%	8%	12%	6%	4%	100%
2022-23	30,178	27,535	75,502	18,883	17,610	16,773	30,678	14,713	5,926	237,797
	13%	12%	32%	8%	7%	7%	13%	6%	2%	100%



Hard Red Spring Wheat Shipments by Crop Reporting District (thousand bu.)



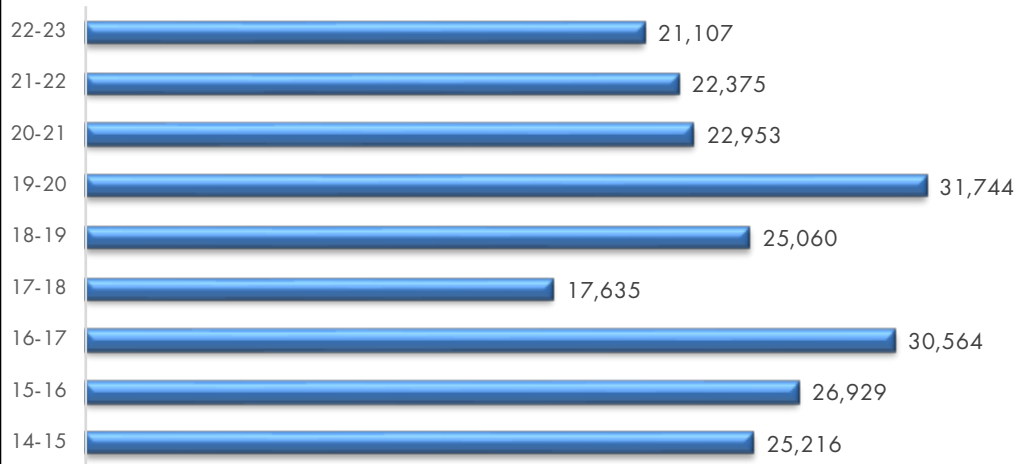


DURUM SHIPMENTS

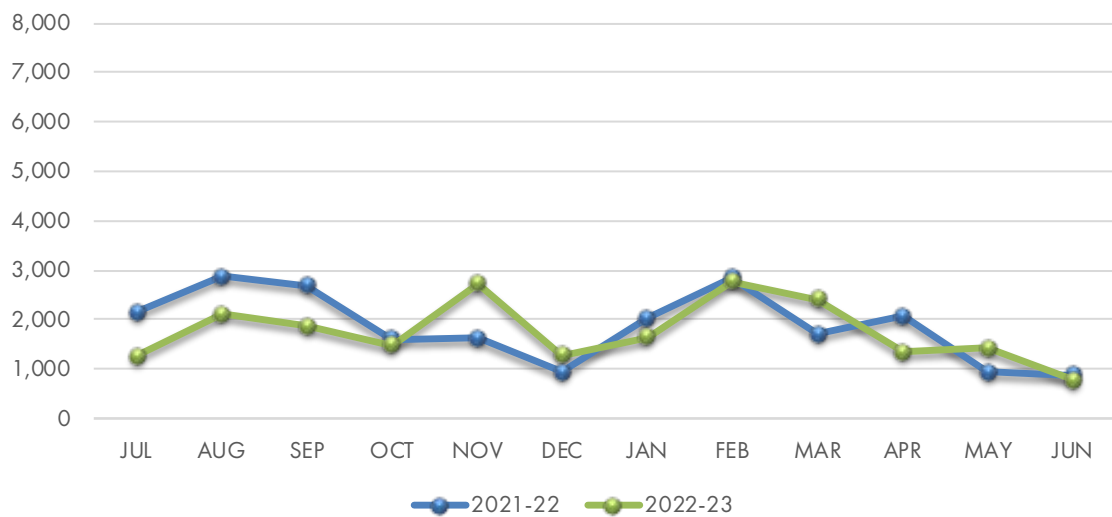
North Dakota Durum Shipments by Destination (thousand bu.)

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	3,747	6,178	440	3,942	1,858	5,340	3,711	25,216
	15%	25%	2%	16%	7%	21%	15%	100%
2015-16	4,637	6,294	1,414	3,800	1,220	5,291	4,272	28,929
	17%	23%	5%	14%	5%	20%	16%	100%
2016-17	6,085	9,926	173	4,201	1,685	4,635	3,859	30,564
	20%	32%	1%	14%	6%	15%	13%	100%
2017-18	3,083	2,598	994	4,146	1,579	3,379	1,856	17,635
	17%	15%	6%	24%	9%	19%	11%	100%
2018-19	4,310	7,242	1,040	4,697	2,155	2,100	3,334	25,060
	17%	30%	4%	19%	9%	8%	13%	100%
2019-20	4,033	14,585	180	4,823	2,503	1,896	3,724	31,744
	13%	46%	1%	15%	8%	6%	12%	100%
2020-21	3,886	5,154	119	4,041	2,237	3,435	4,080	22,953
	17%	22%	1%	18%	10%	15%	18%	100%
2021-22	2,388	1,481	1	6,502	2,621	4,197	5,184	22,375
	11%	7%	0%	29%	12%	19%	23%	100%
2022-23	2,191	1,313	1	7,369	1,620	3,829	4,783	21,107
	10%	6%	0%	35%	8%	18%	23%	100%

DURUM SHIPMENTS
2014-15 to 2022-23
(thousand bushels)

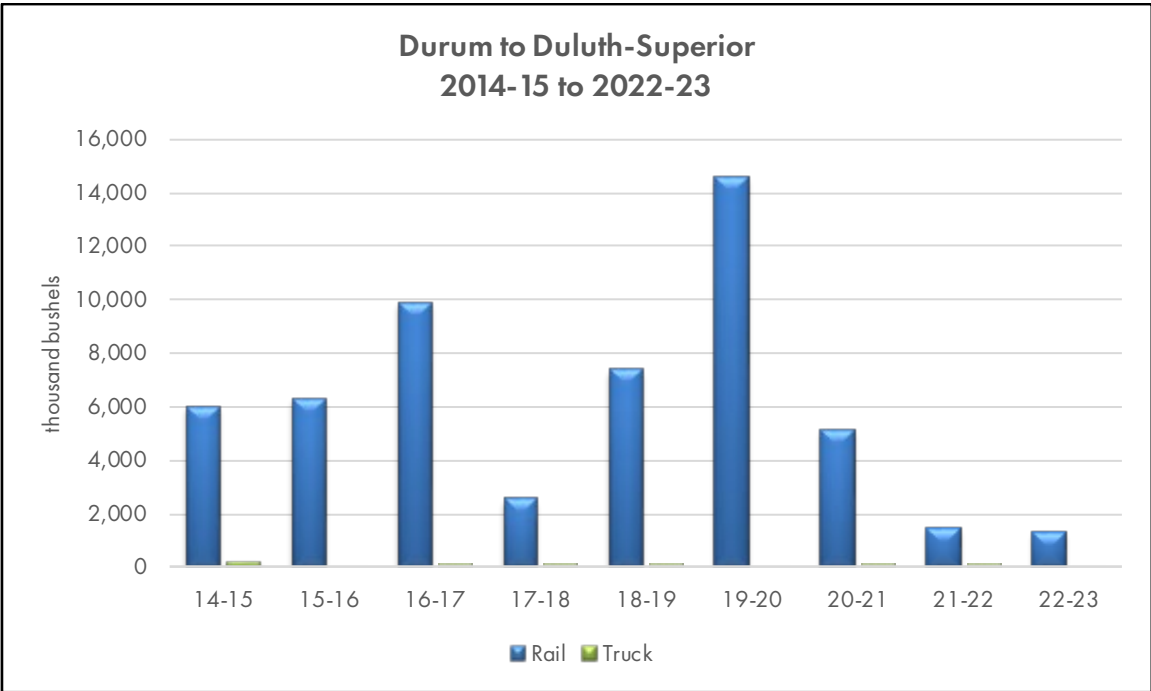
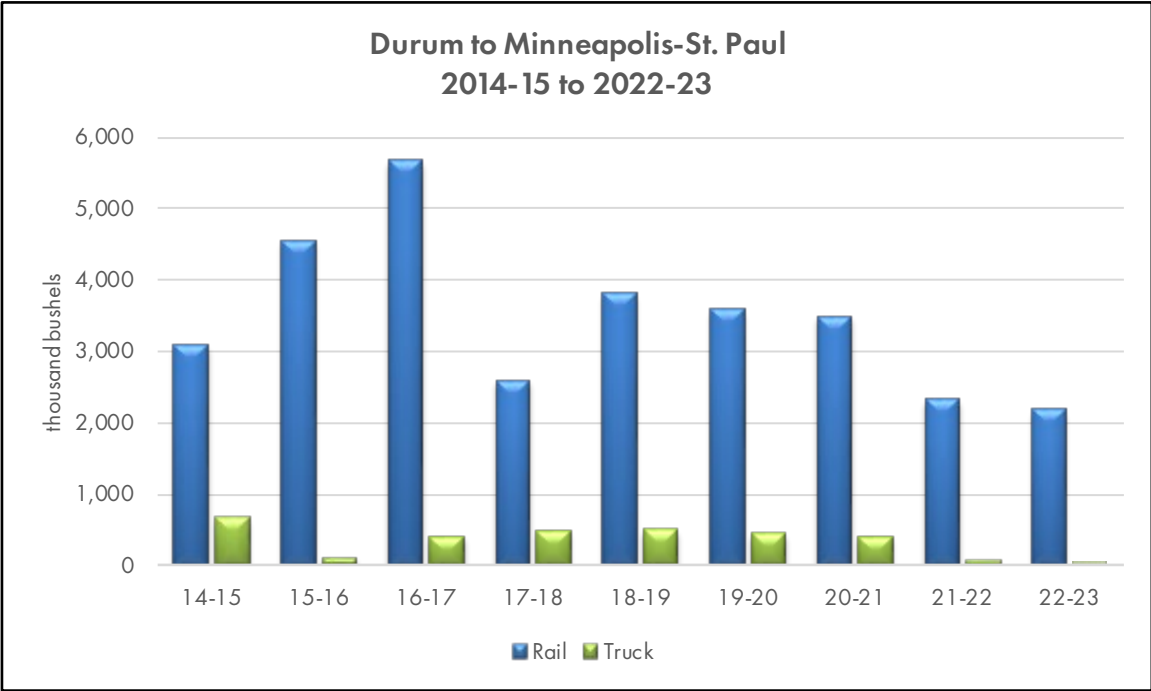


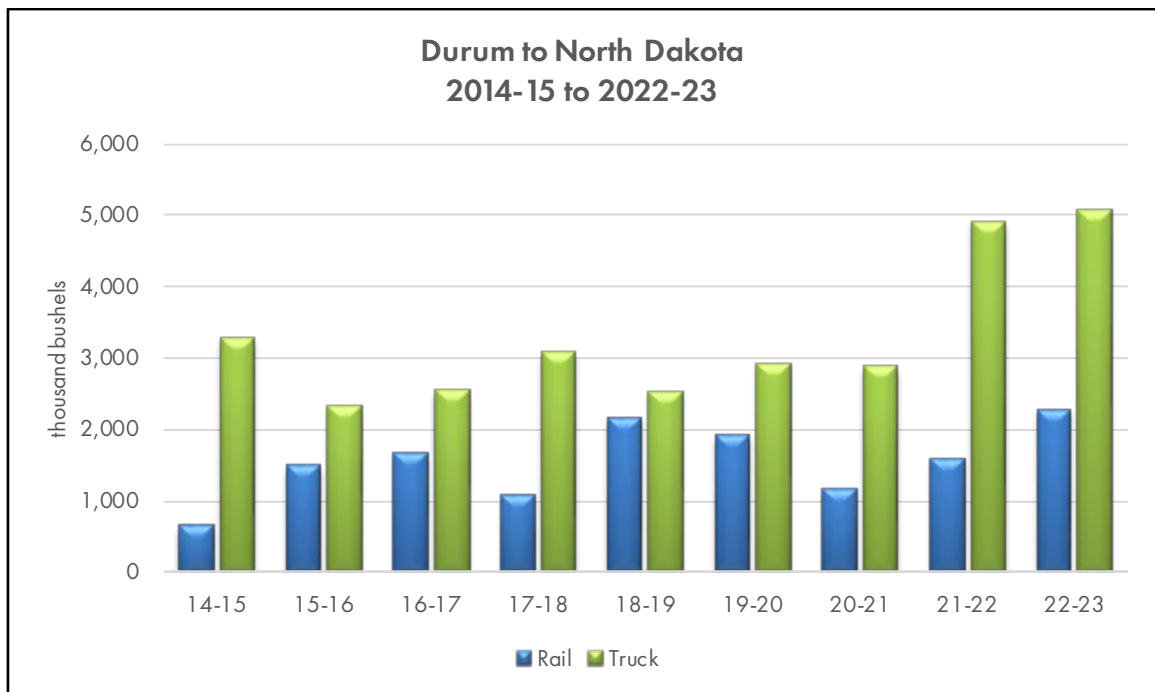
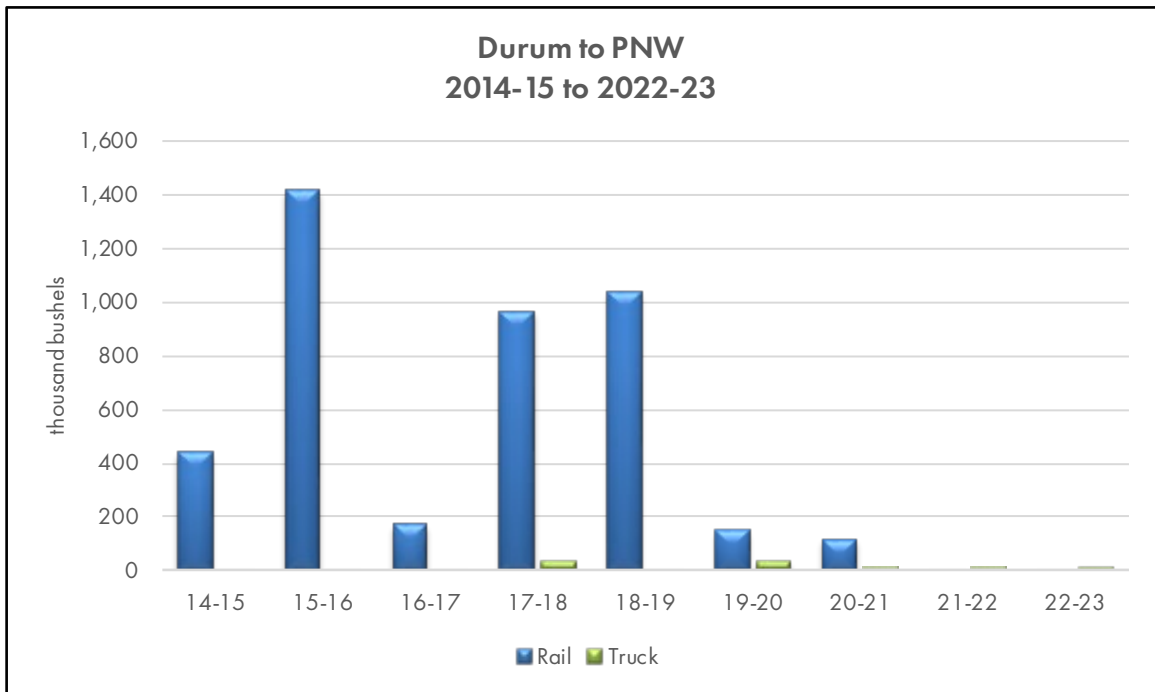
DURUM SHIPMENTS
by month, 2021-22 to 2022-23
(thousand bushels)

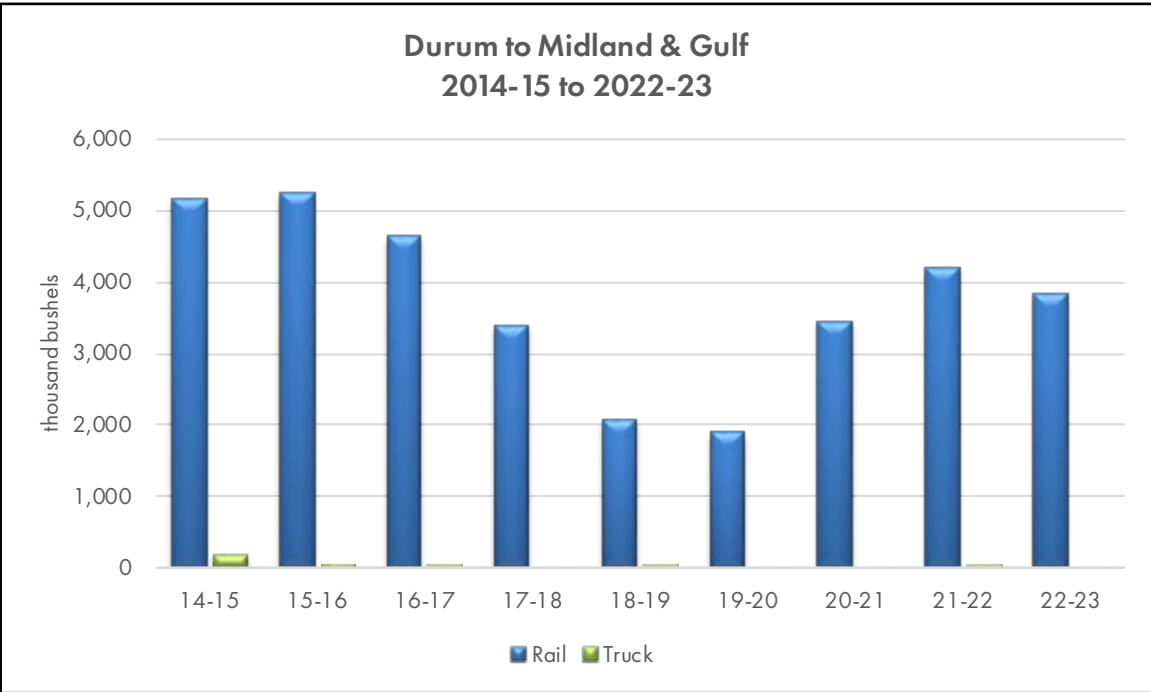
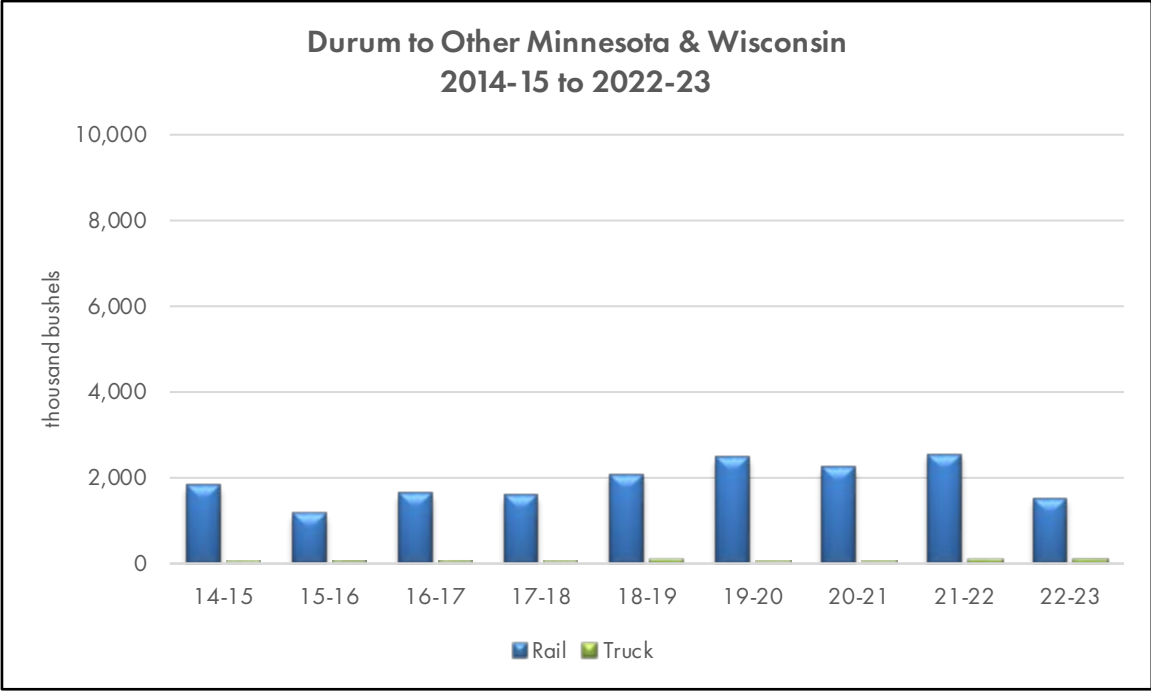


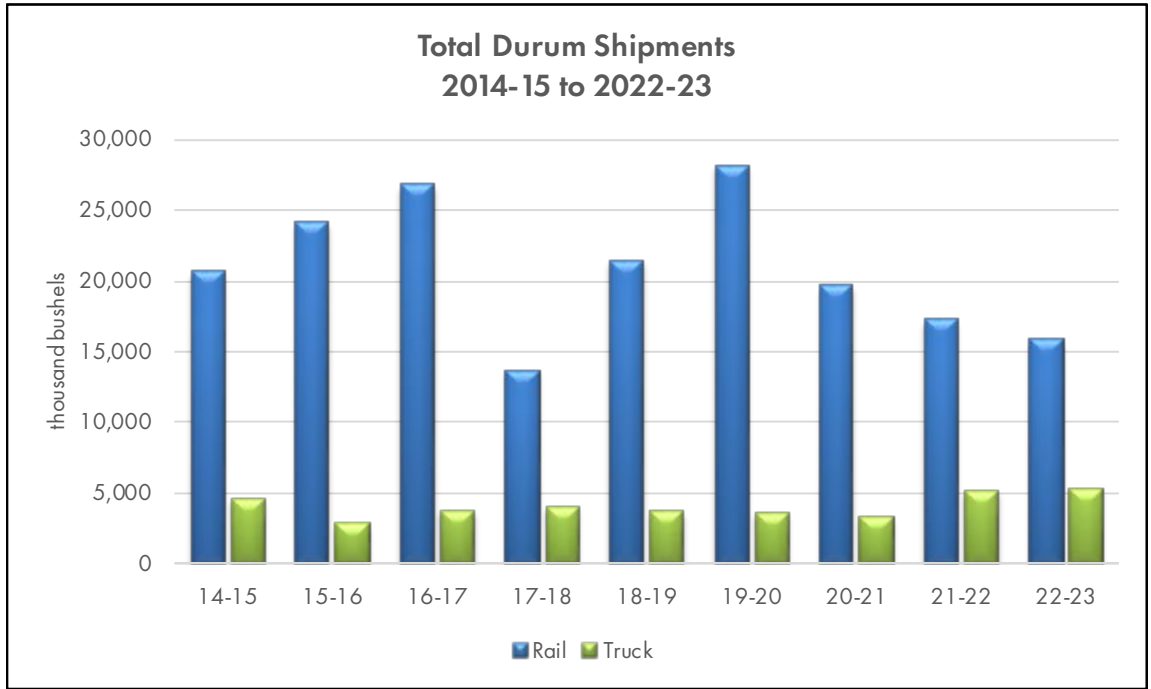
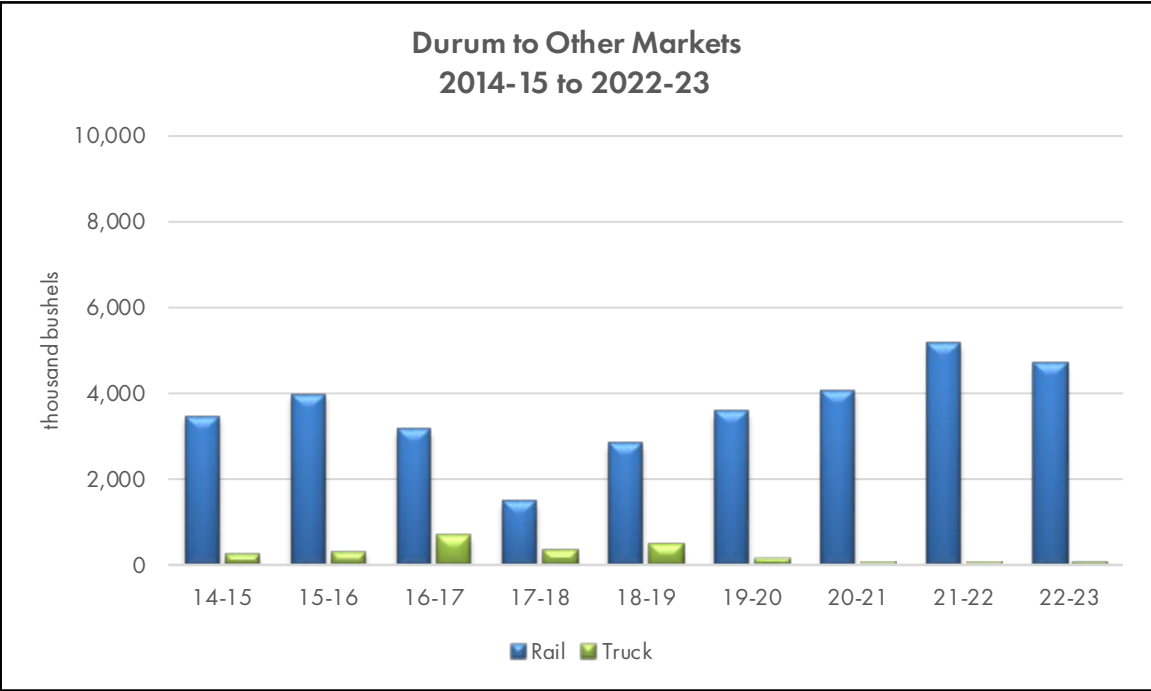
North Dakota Durum Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	3,079	668	6,000	178	440	0	648	3,294	1,806	52	5,163	177	3,468	242	20,604	4,612
	82%	18%	97%	3%	100%	0%	16%	84%	97%	3%	97%	3%	93%	7%	82%	19%
2015-16	4,544	94	6,294	0	1,414	0	1,484	2,316	1,162	58	5,246	45	3,974	297	24,119	2,810
	98%	2%	100%	0%	100%	0%	39%	61%	95%	5%	99%	1%	93%	7%	90%	10%
2016-17	5,679	406	9,895	31	173	0	1,651	2,550	1,620	65	4,633	2	3,168	691	26,818	3,746
	93%	7%	100%	0%	100%	0%	39%	61%	96%	4%	100%	0%	82%	18%	88%	12%
2017-18	2,595	488	2,540	58	963	31	1,067	3,080	1,575	4	3,379	0	1,500	356	13,618	4,017
	84%	16%	98%	2%	97%	3%	26%	74%	100%	0%	100%	0%	81%	19%	77%	23%
2018-19	3,810	500	7,395	29	1,040	0	2,164	2,533	2,060	95	2,077	24	2,830	504	21,375	3,685
	88%	12%	100%	0%	100%	0%	46%	54%	96%	4%	99%	1%	85%	15%	85%	15%
2019-20	3,583	450	14,585	0	150	30	1,898	2,925	2,459	44	1,896	0	3,589	135	28,159	3,585
	89%	11%	100%	0%	83%	17%	39%	61%	98%	2%	100%	0%	96%	4%	89%	11%
2020-21	3,482	405	5,121	33	117	1	1,161	2,881	2,226	11	3,435	0	4,072	8	19,614	3,339
	90%	10%	99%	1%	99%	1%	29%	71%	99%	1%	100%	0%	100%	0%	85%	15%
2021-22	2,323	66	1,446	35	0	1	1,589	4,913	2,530	91	4,194	2	5,159	25	17,241	5,133
	97%	3%	98%	2%	0%	100%	24%	76%	97%	3%	100%	0%	100%	0%	77%	23%
2022-23	2,187	5	1,313	0	0	1	2,287	5,082	1,514	106	3,829	0	4,706	77	15,836	5,271
	100%	0%	100%	0%	0%	100%	31%	69%	93%	7%	100%	0%	98%	2%	75%	25%





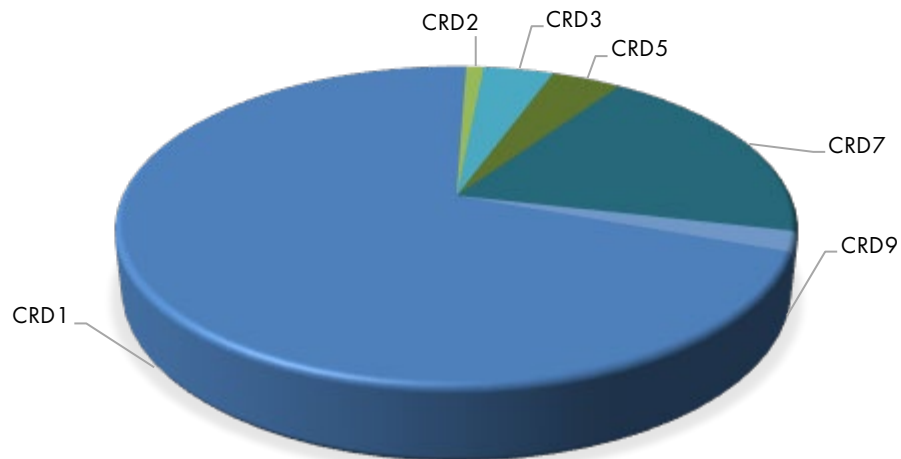




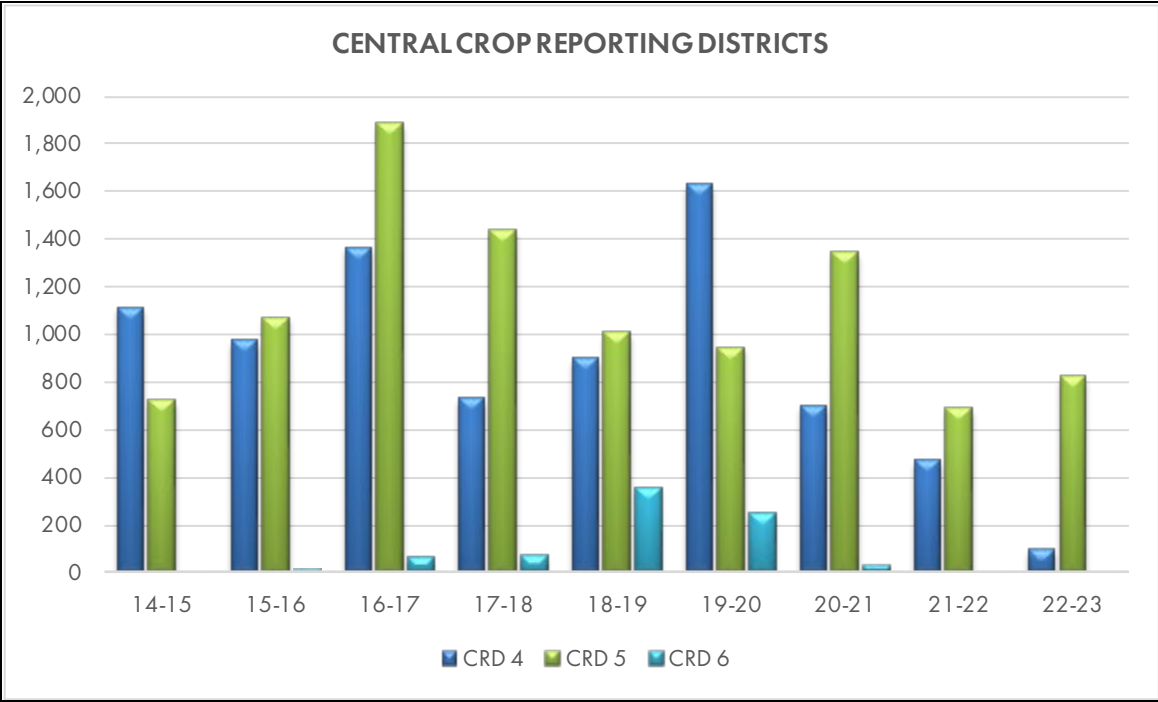
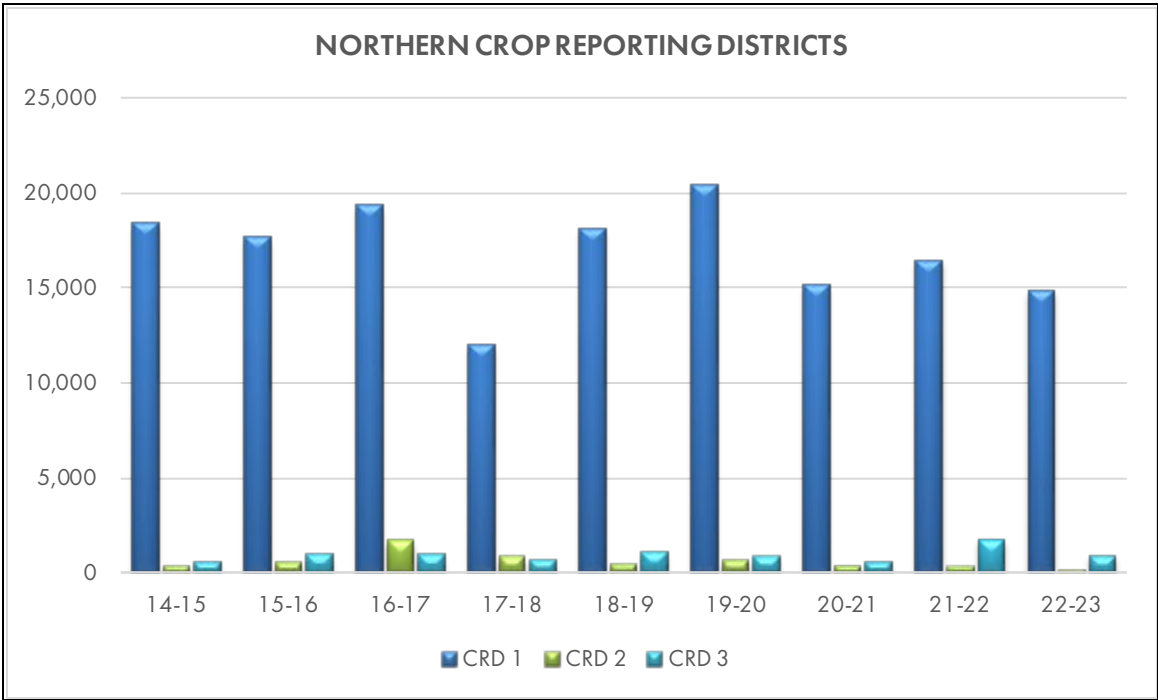
North Dakota Durum Shipments by Crop Reporting District Origin (thousand bu.)

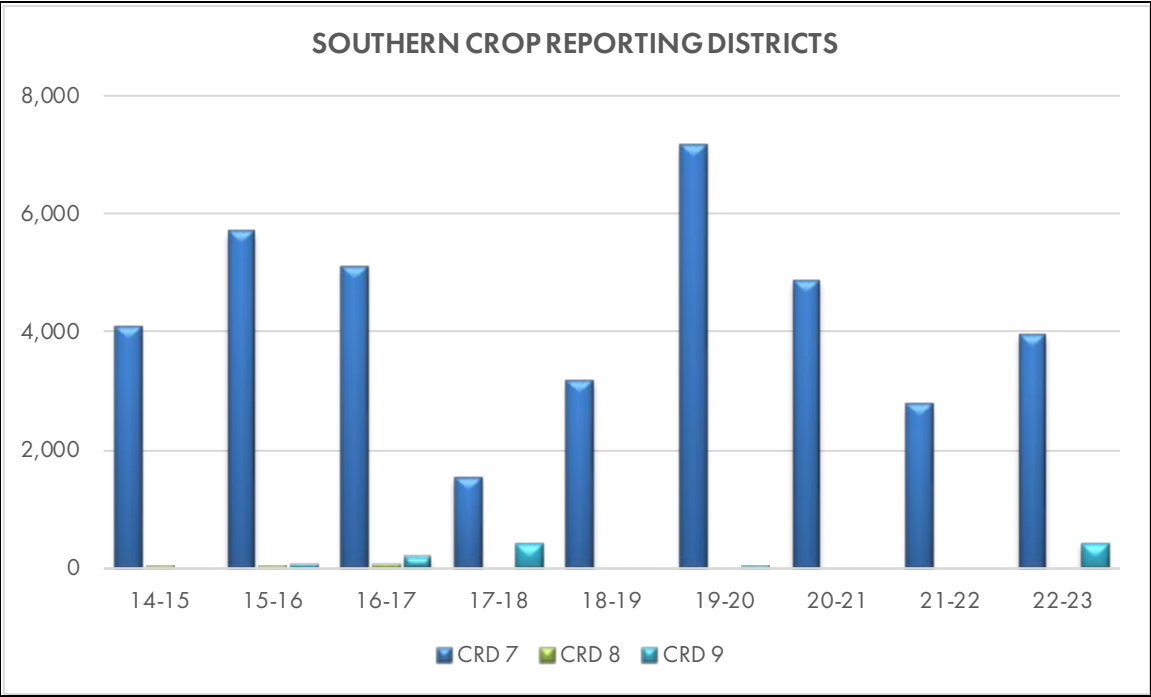
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	18,366	341	552	1,109	722	0	4,093	34	0	25,216
	73%	1%	2%	4%	3%	0%	16%	0%	0%	100%
2015-16	17,665	506	950	974	1,070	4	5,695	11	54	26,929
	66%	2%	4%	4%	4%	0%	21%	0%	0%	100%
2016-17	19,342	1,649	924	1,360	1,883	64	5,110	53	180	30,564
	63%	5%	3%	4%	6%	0%	17%	0%	1%	100%
2017-18	11,972	823	694	729	1,431	69	1,519	0	398	17,635
	68%	5%	4%	4%	8%	0%	9%	0%	2%	100%
2018-19	18,117	427	1,079	898	1,004	358	3,177	0	0	25,060
	72%	2%	4%	4%	4%	1%	13%	0%	0%	100%
2019-20	20,354	592	814	1,625	943	243	7,154	0	19	31,744
	64%	2%	3%	5%	3%	1%	23%	0%	0%	100%
2020-21	15,102	378	544	701	1,339	27	4,862	0	0	22,953
	66%	2%	2%	3%	6%	0%	21%	0%	0%	100%
2021-22	16,433	286	1,738	472	686	0	2,759	0	0	22,375
	73%	1%	8%	2%	3%	0%	12%	0%	0%	100%
2022-23	14,845	140	859	93	821	0	3,949	0	400	21,107
	70%	1%	4%	0%	4%	0%	19%	0%	2%	100%

**DURUM SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN, 2022-23**



Durum Shipments by Crop Reporting District (thousand bu.)

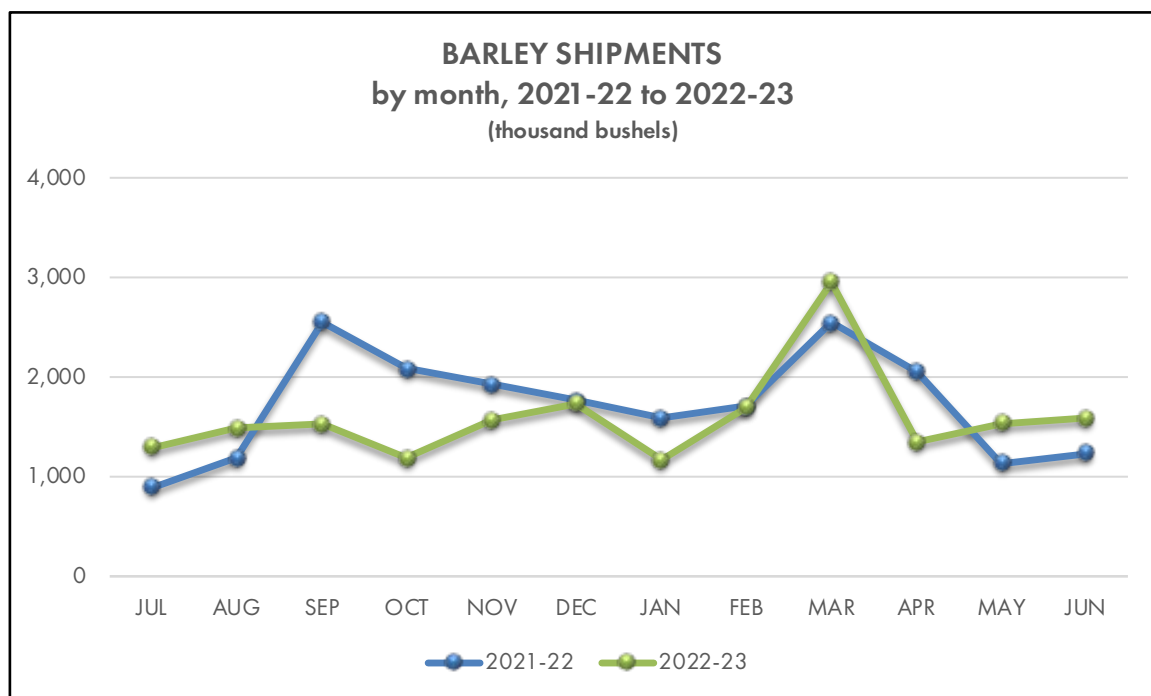
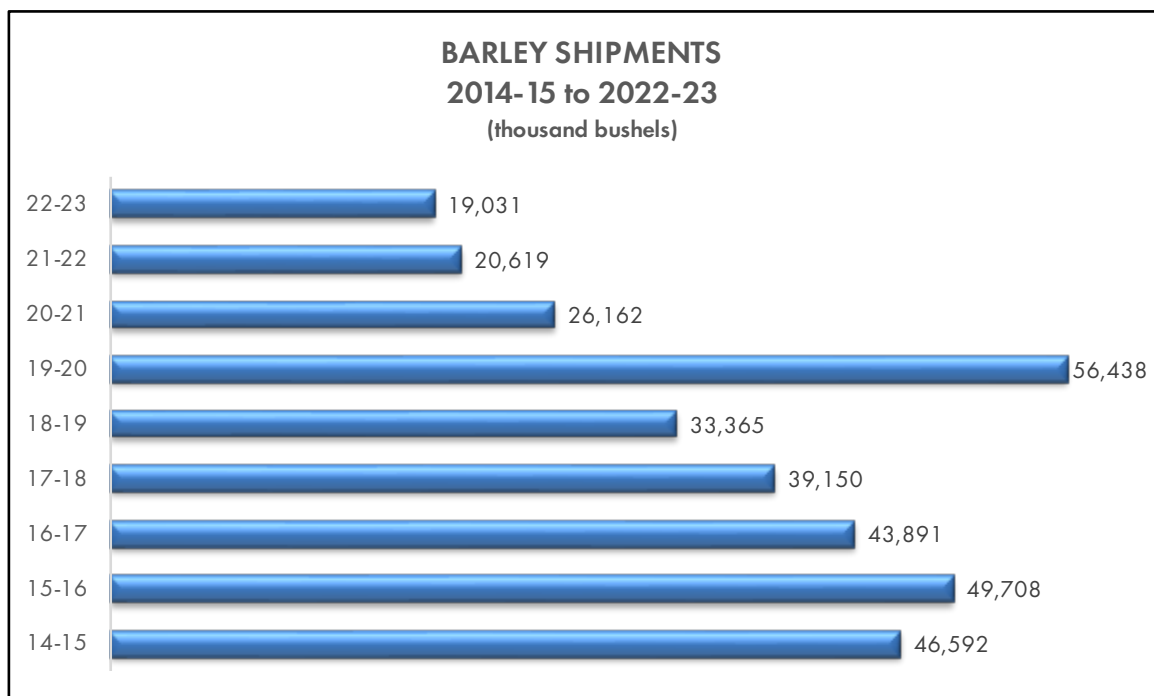




BARLEY SHIPMENTS

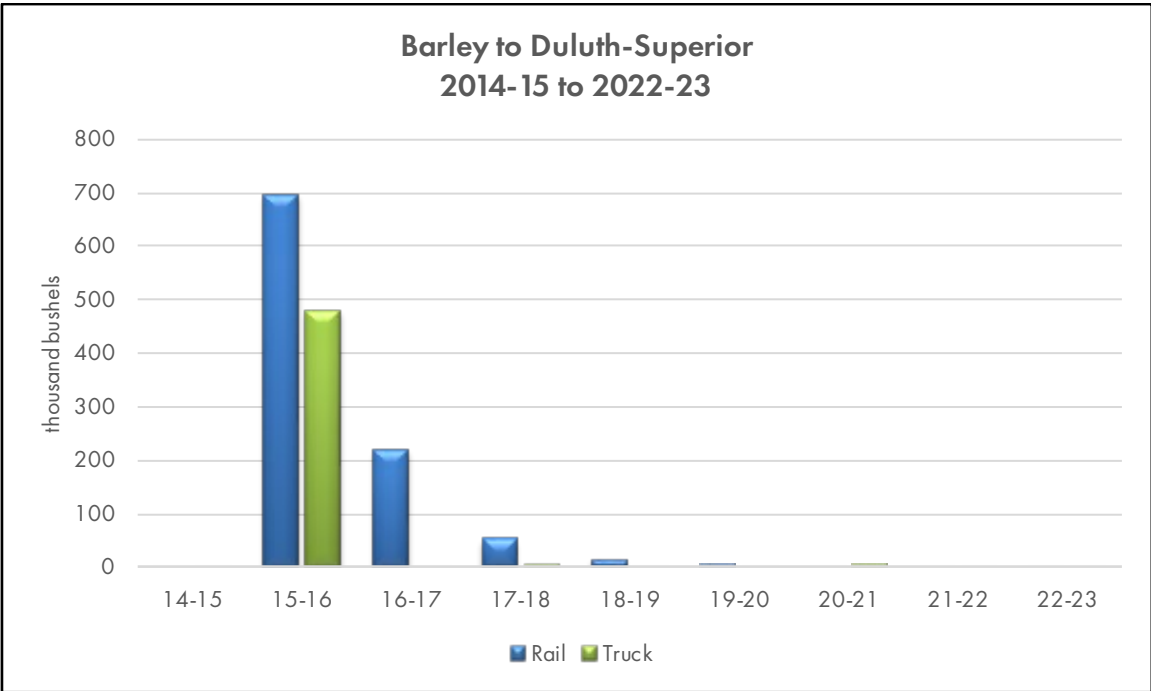
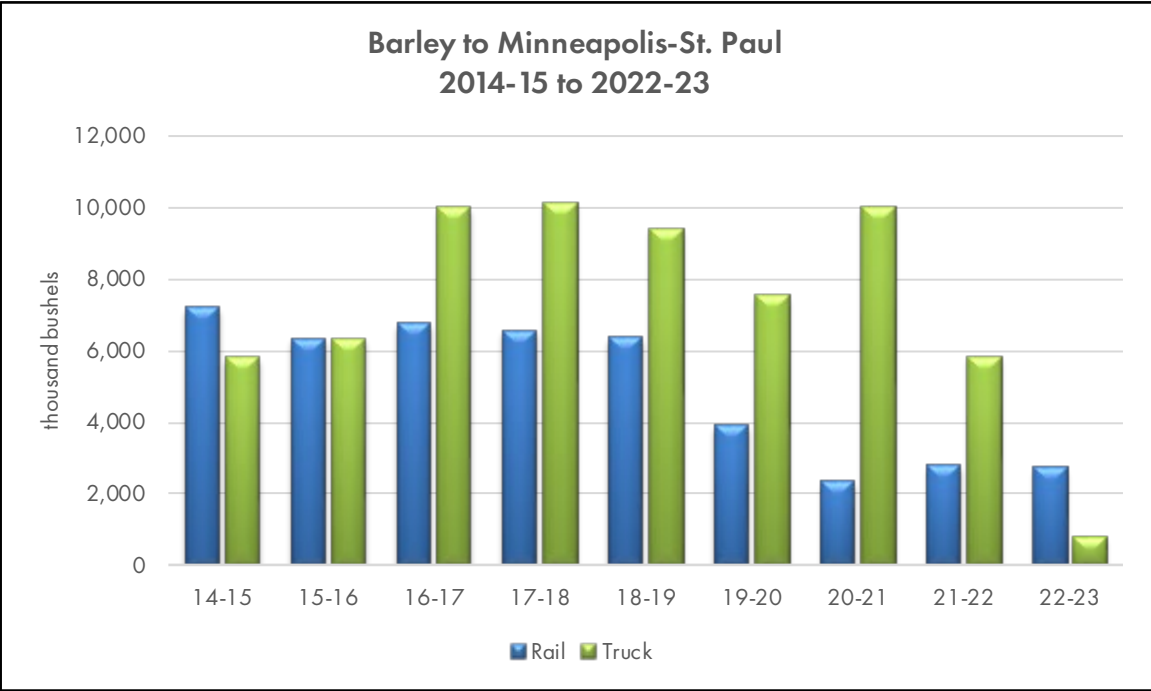
North Dakota Barley Shipments by Destination (thousand bu.)

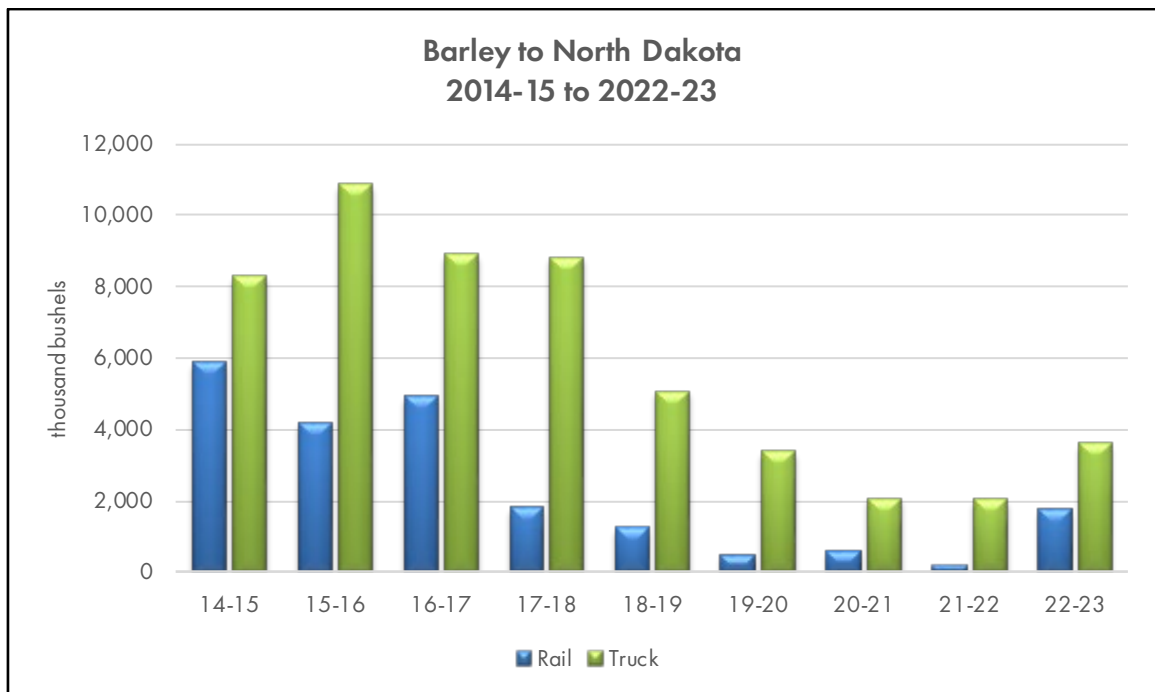
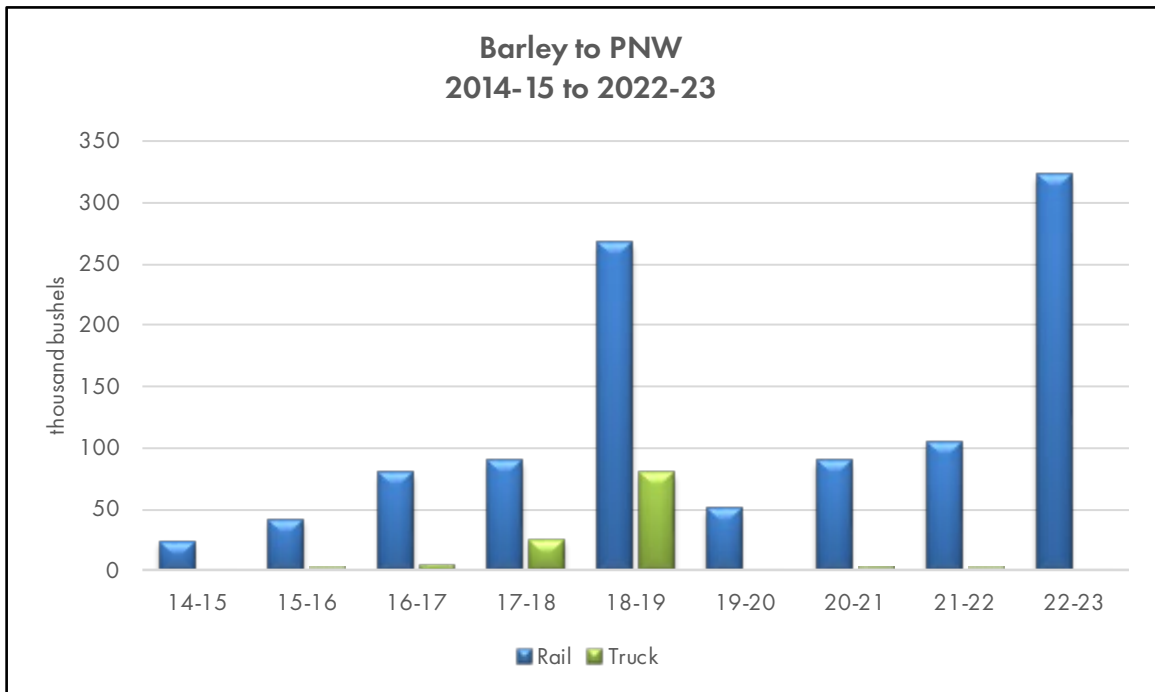
YEAR	Minneapolis-St. Paul	Duluth-Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	12,999	0	24	14,170	8,964	3,112	7,322	46,592
	28%	0%	0%	30%	19%	7%	16%	100%
2015-16	12,675	1,174	43	15,025	11,006	2,277	7,508	49,708
	25%	2%	0%	30%	22%	5%	15%	100%
2016-17	16,751	219	84	13,799	7,353	1,973	3,712	43,891
	38%	1%	0%	31%	17%	4%	8%	100%
2017-18	16,700	54	115	10,609	7,376	1,464	2,832	39,150
	43%	0%	0%	27%	19%	4%	7%	100%
2018-19	15,755	13	347	6,308	7,002	1,249	2,691	33,365
	47%	0%	1%	19%	21%	4%	8%	100%
2019-20	11,435	4	51	3,836	20,289	12,933	7,891	56,438
	20%	0%	0%	7%	36%	23%	14%	100%
2020-21	10,005	1	92	2,633	7,662	882	4,885	26,162
	38%	0%	0%	10%	29%	3%	19%	100%
2021-22	8,613	0	107	2,203	6,359	809	2,528	20,619
	42%	0%	1%	11%	31%	4%	12%	100%
2022-23	3,538	0	322	5,339	6,679	722	2,443	19,031
	19%	0%	2%	28%	35%	4%	13%	100%

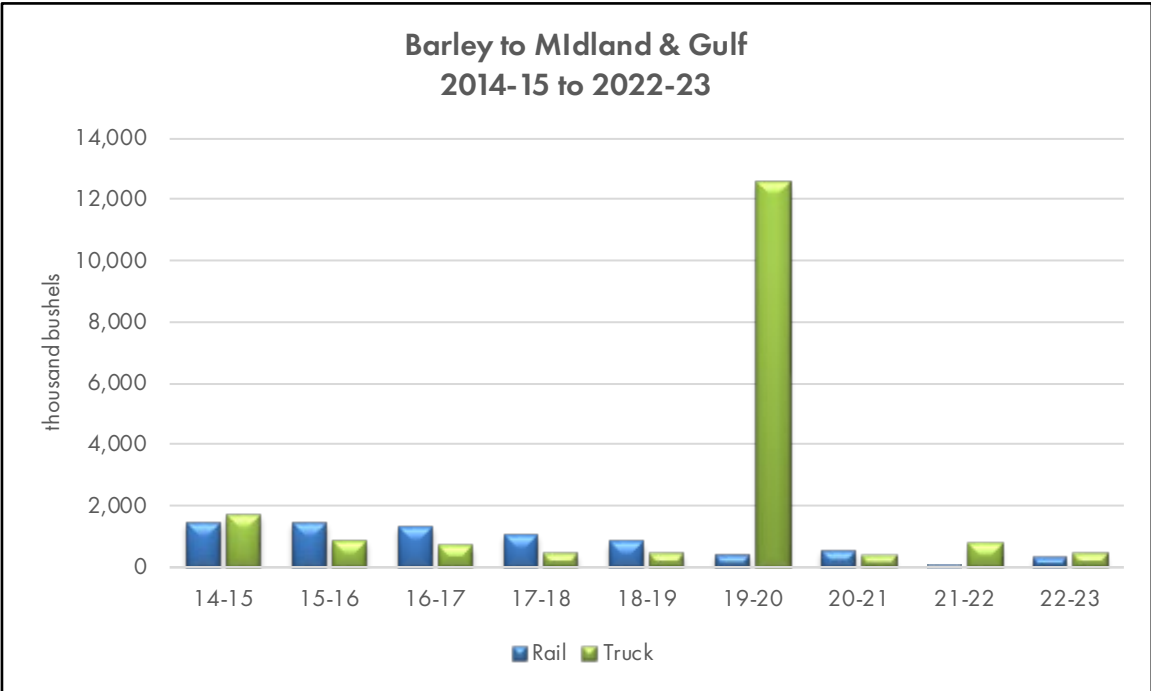
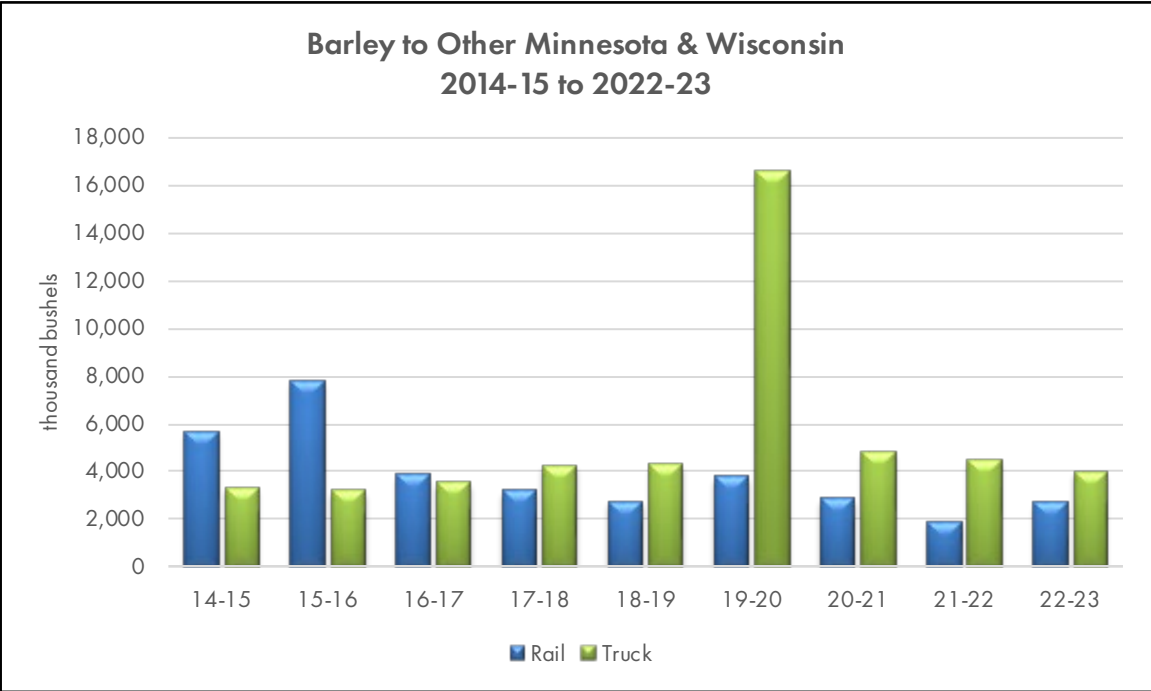


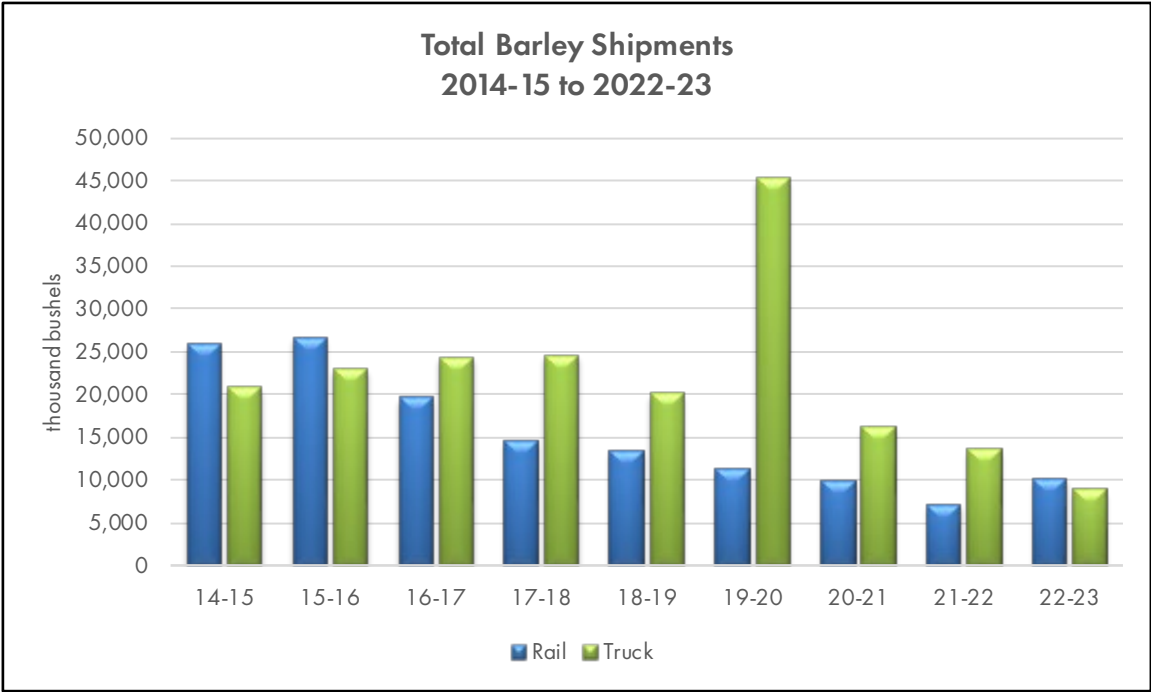
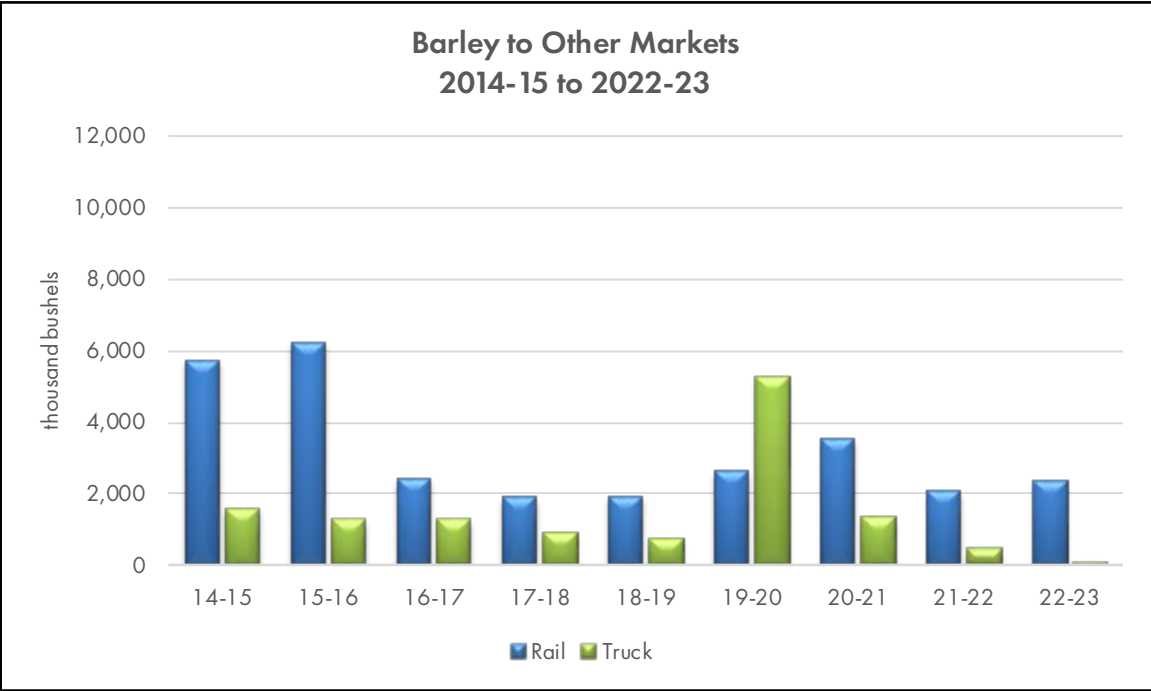
North Dakota Barley Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	7,197	5,802	0	0	24	0	5,886	8,284	5,664	3,300	1,421	1,691	5,720	1,602	25,913	20,679
	55%	45%	0%	0%	100%	0%	42%	58%	63%	37%	46%	54%	78%	22%	56%	44%
2015-16	6,329	6,346	695	479	42	1	4,184	10,841	7,806	3,200	1,436	841	6,219	1,289	26,710	22,998
	50%	50%	59%	41%	97%	3%	28%	72%	71%	29%	63%	37%	83%	17%	54%	46%
2016-17	6,754	9,997	219	0	80	4	4,915	8,884	3,832	3,521	1,299	674	2,430	1,281	19,530	24,361
	40%	60%	100%	0%	95%	5%	36%	64%	52%	48%	66%	34%	65%	35%	44%	56%
2017-18	6,572	10,127	52	3	90	25	1,796	8,813	3,162	4,214	1,042	422	1,892	940	14,606	24,544
	39%	61%	95%	5%	78%	22%	17%	83%	43%	47%	71%	29%	67%	33%	37%	63%
2018-19	6,358	9,397	13	0	267	80	1,238	5,070	2,740	4,262	828	420	1,922	769	13,366	19,999
	40%	60%	100%	0%	77%	23%	20%	80%	39%	61%	66%	34%	71%	29%	40%	60%
2019-20	3,899	7,536	4	0	51	0	484	3,352	3,755	16,534	396	12,537	2,632	5,259	11,220	45,218
	34%	66%	100%	0%	100%	0%	13%	87%	19%	81%	3%	97%	33%	67%	20%	80%
2020-21	2,341	7,664	0	1	90	2	596	2,037	2,832	4,830	534	349	3,540	1,346	9,933	16,229
	23%	77%	0%	100%	98%	2%	23%	77%	37%	63%	60%	40%	72%	28%	38%	62%
2021-22	2,792	5,821	0	0	105	1	177	2,026	1,876	4,484	60	750	2,083	445	7,093	13,526
	32%	68%	0%	0%	99%	1%	8%	92%	29%	71%	7%	93%	82%	18%	34%	66%
2022-23	2,731	807	0	0	322	0	1,748	3,591	2,693	3,986	307	415	2,362	80	10,163	8,868
	77%	23%	0%	0%	100%	0%	33%	67%	40%	60%	42%	58%	97%	3%	53%	47%



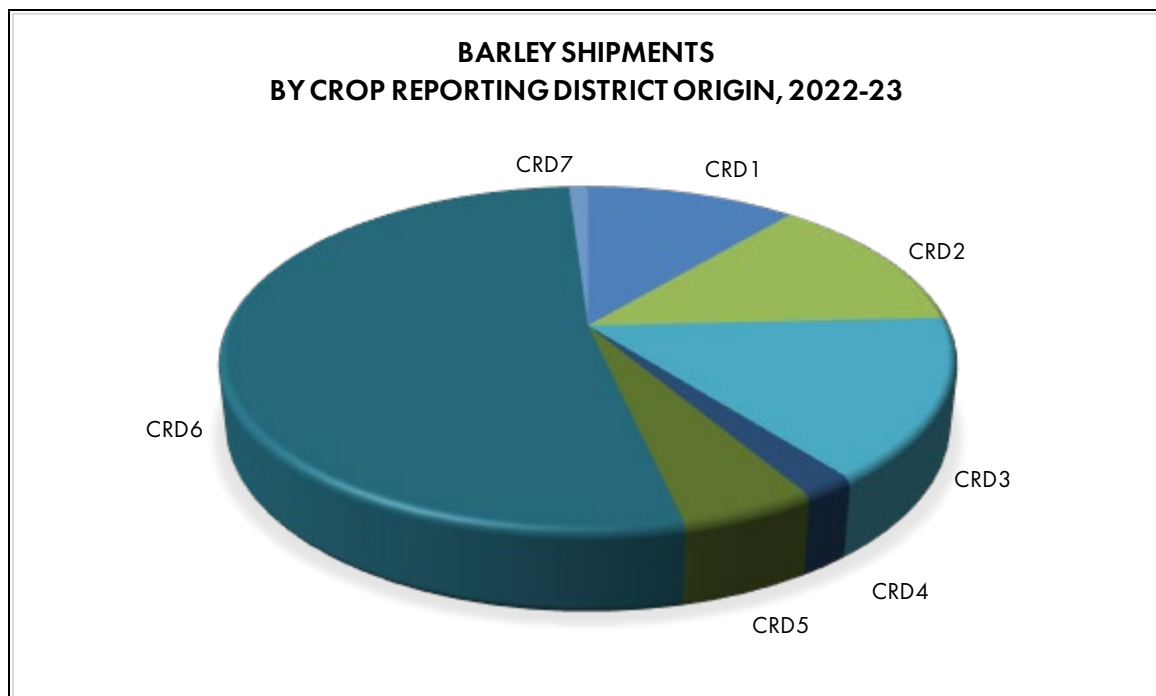




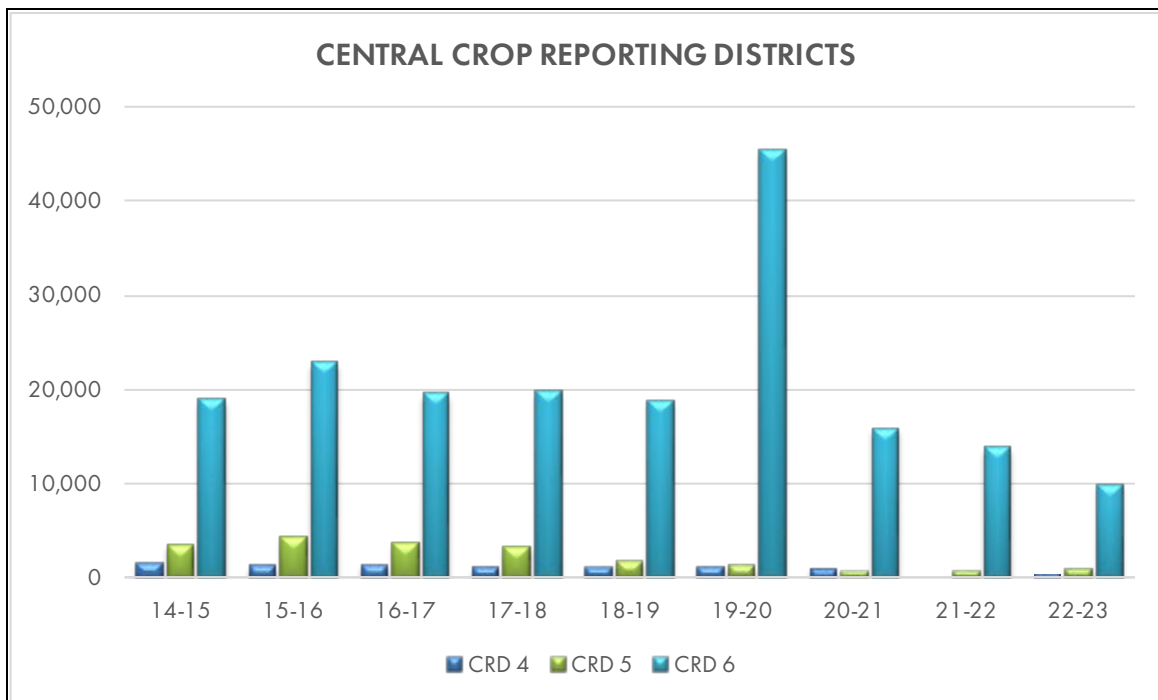
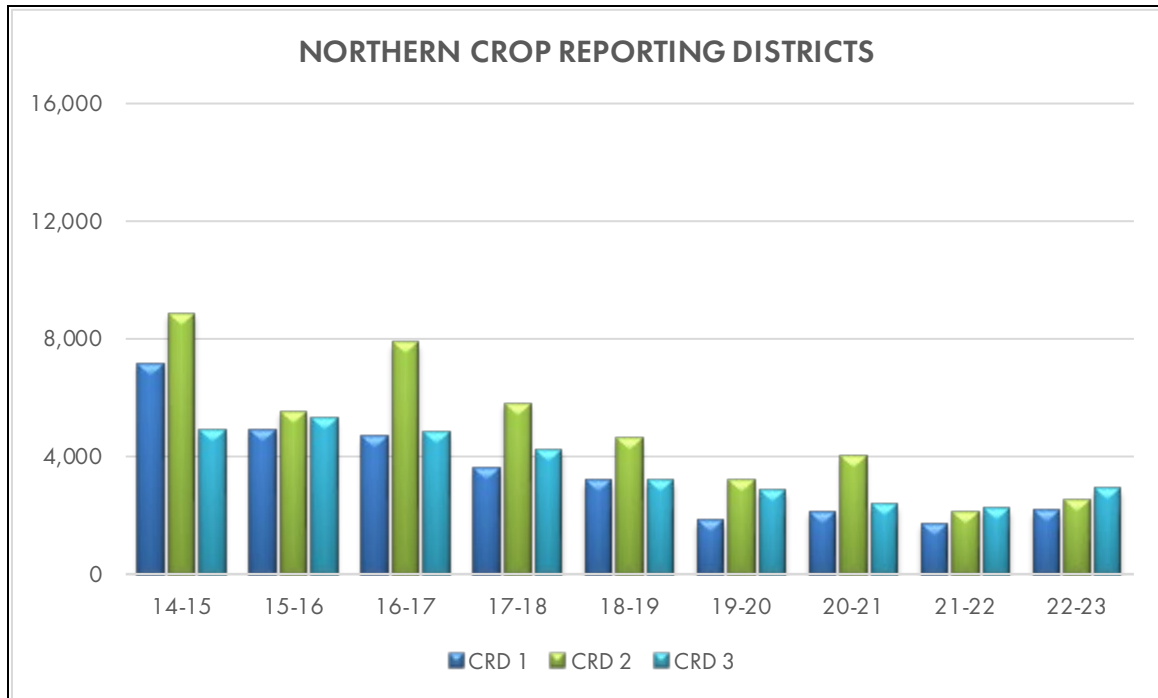


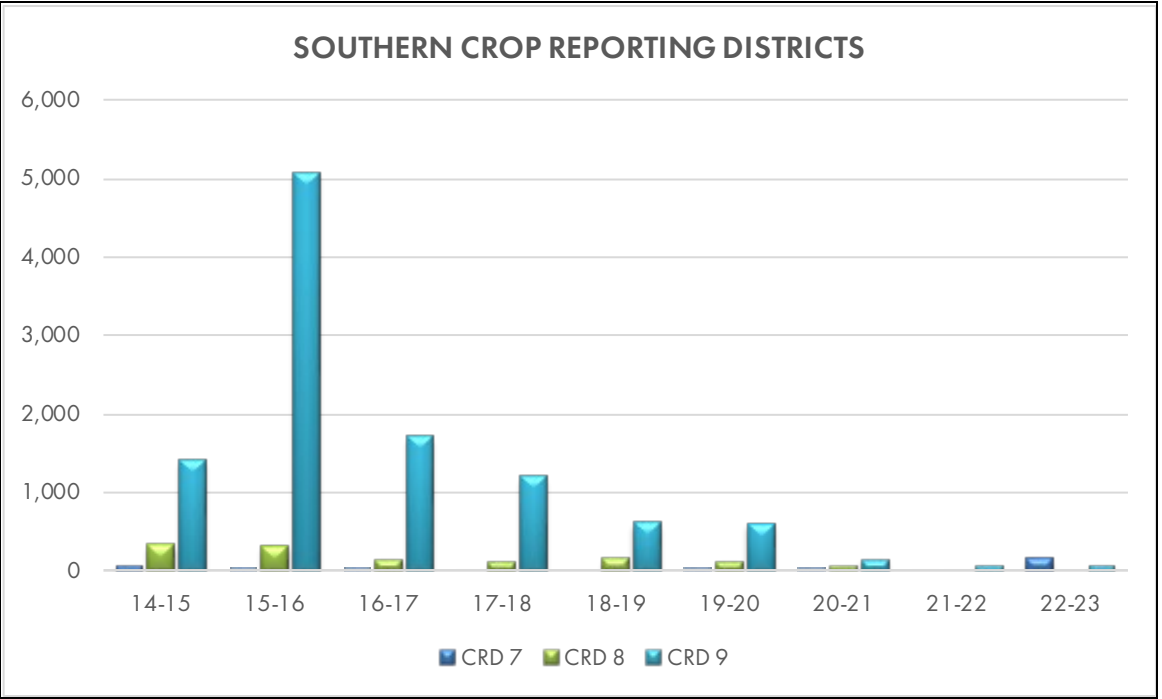
North Dakota Barley Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	7,141	8,852	4,879	1,603	3,491	18,830	69	331	1,397	46,592
	15%	19%	10%	3%	7%	40%	0%	1%	3%	100%
2015-16	4,905	5,548	5,278	1,294	4,347	22,931	19	318	5,067	49,708
	10%	11%	11%	3%	9%	46%	0%	1%	10%	100%
2016-17	4,688	7,863	4,829	1,381	3,741	19,535	10	143	1,700	43,891
	11%	18%	11%	3%	9%	45%	0%	0%	4%	100%
2017-18	3,613	5,790	4,235	1,118	3,340	19,742	0	110	1,202	39,150
	9%	15%	11%	3%	9%	50%	0%	0%	3%	100%
2018-19	3,185	4,618	3,183	1,065	1,805	18,733	0	161	616	33,365
	10%	14%	10%	3%	5%	56%	0%	0%	2%	100%
2019-20	1,851	3,214	2,850	1,204	1,309	45,286	9	114	602	56,438
	3%	6%	5%	2%	2%	80%	0%	0%	1%	100%
2020-21	2,134	4,019	2,396	1,003	613	15,799	8	53	137	26,162
	8%	15%	9%	4%	2%	60%	0%	0%	1%	100%
2021-22	1,740	2,130	2,229	0	692	13,760	0	0	67	20,619
	8%	10%	11%	0%	3%	67%	0%	0%	0%	100%
2022-23	2,161	2,557	2,908	390	927	9,853	172	0	63	19,031
	11%	13%	15%	2%	5%	52%	1%	0%	0%	100%



Barley Shipments by Crop Reporting District (thousand bu.)

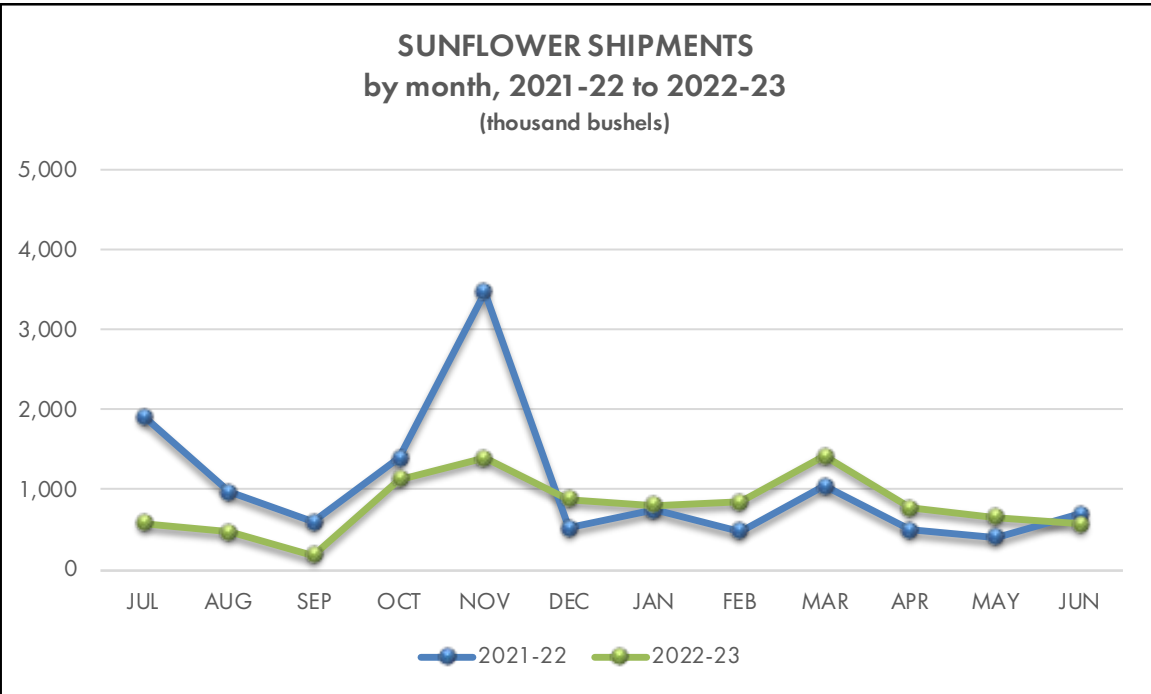
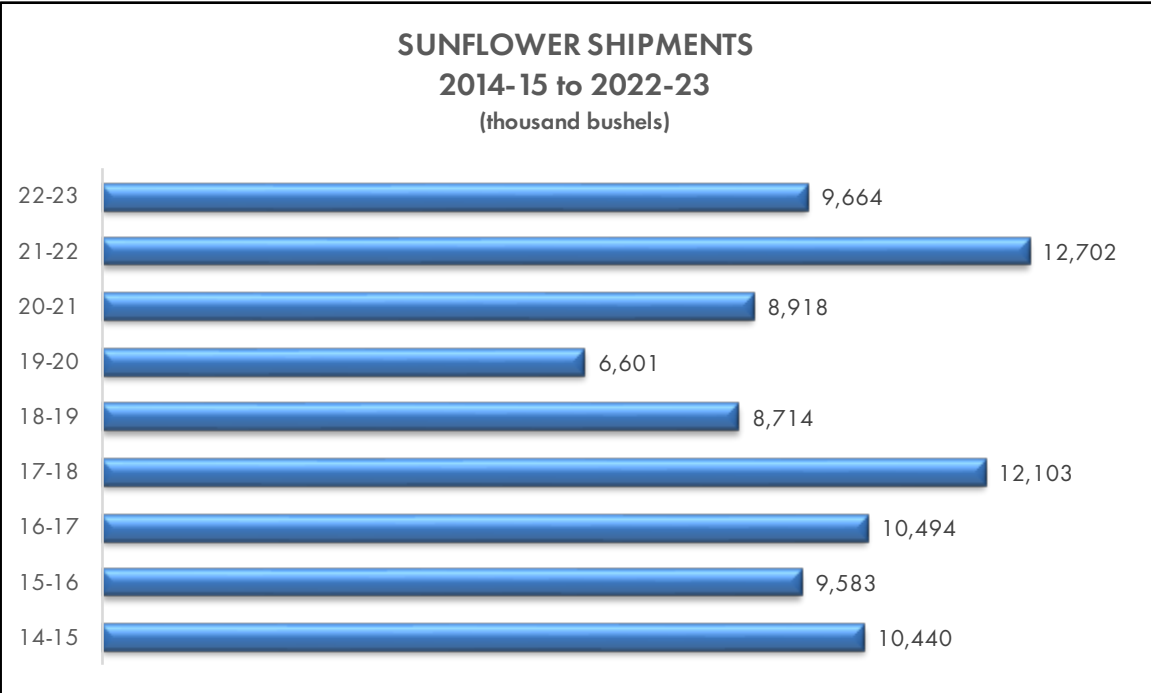




SUNFLOWER SHIPMENTS

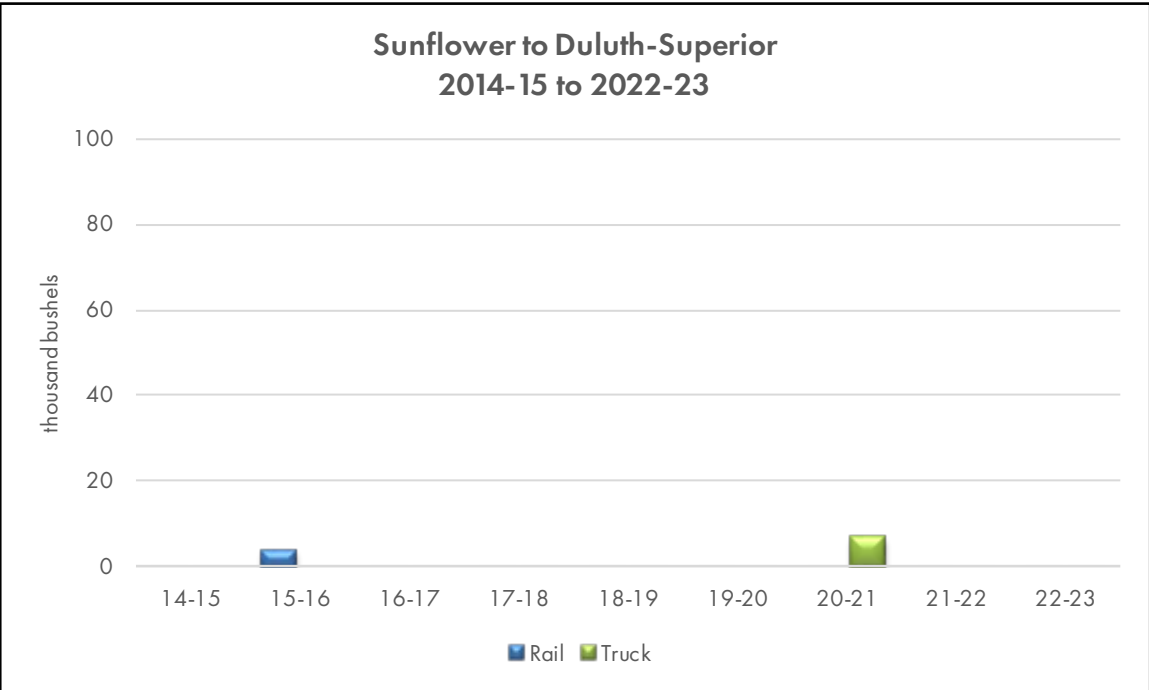
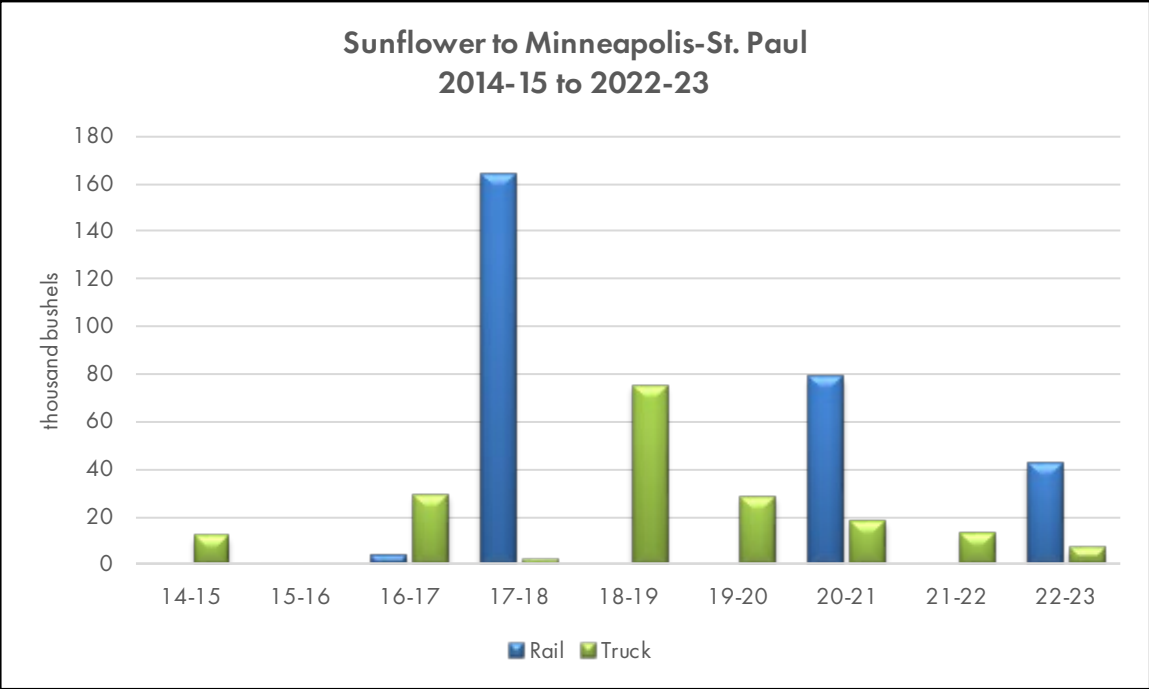
North Dakota Sunflower Shipments by Destination (thousand bu.)

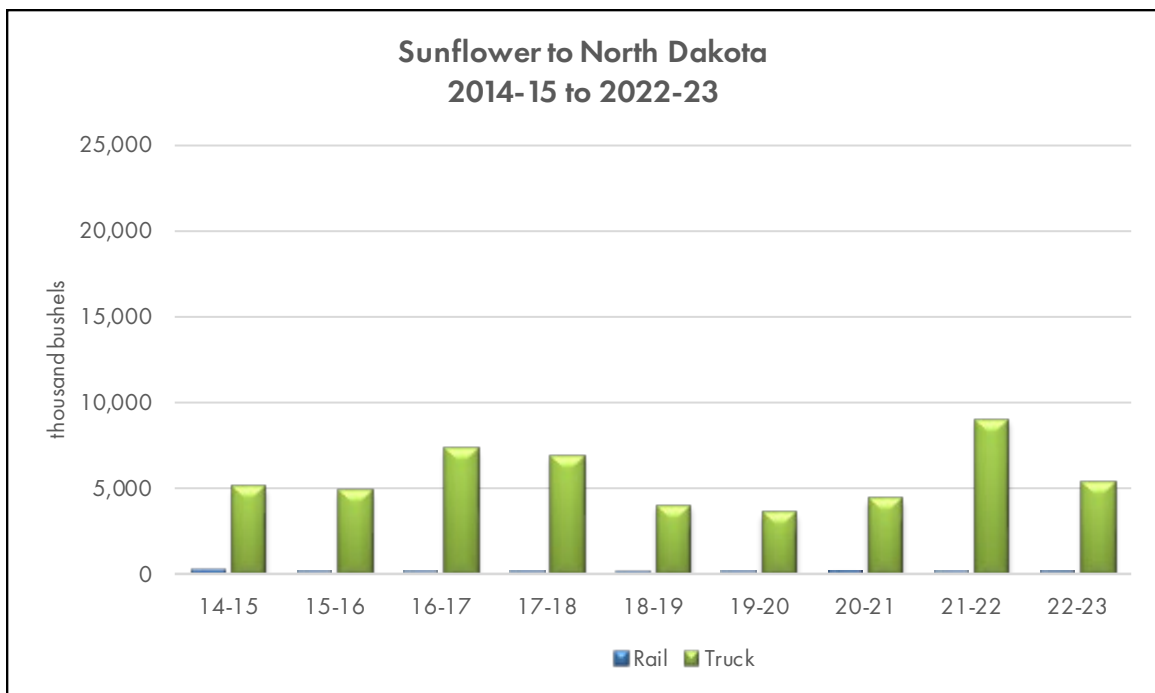
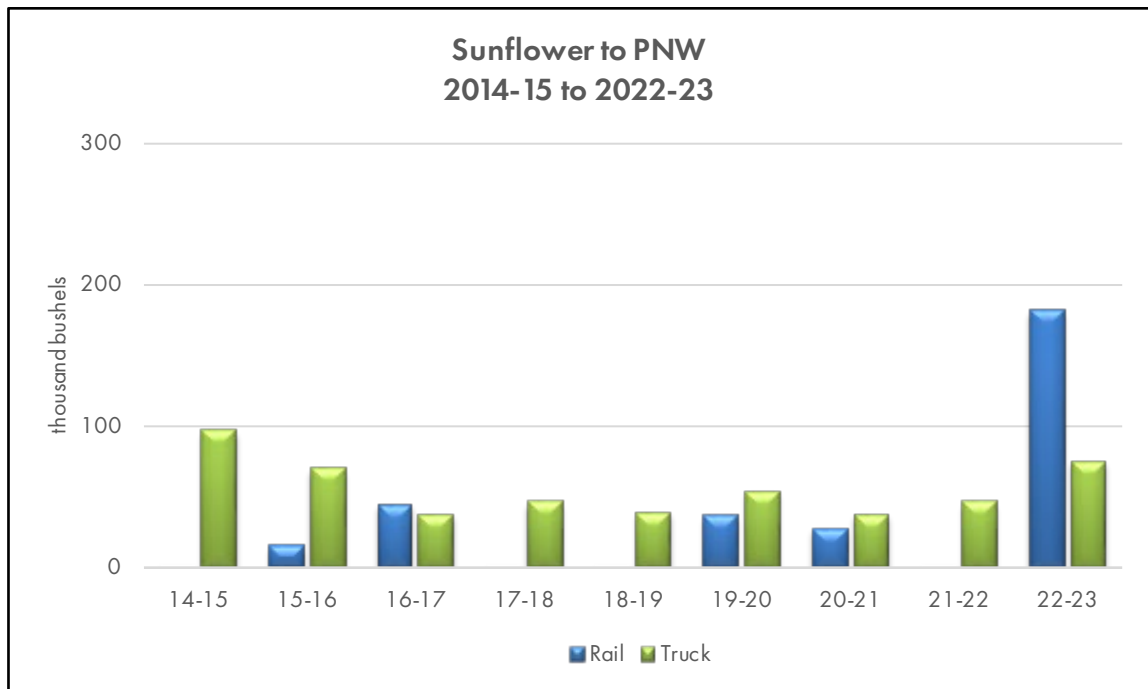
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	12	0	97	5,345	1,644	547	2,796	10,440
	0%	0%	1%	51%	16%	5%	27%	100%
2015-16	0	4	85	5,012	1,708	13	2,755	9,583
	0%	0%	1%	52%	18%	0%	29%	100%
2016-17	33	0	81	7,357	259	42	2,718	10,494
	0%	0%	1%	70%	2%	0%	26%	100%
2017-18	166	0	46	6,981	1,675	0	3,235	12,103
	1%	0%	0%	58%	14%	0%	27%	100%
2018-19	75	0	38	4,073	1,623	50	2,862	8,714
	1%	0%	0%	47%	19%	1%	33%	100%
2019-20	28	0	70	3,712	1,463	45	1,283	6,601
	0%	0%	1%	56%	22%	1%	19%	100%
2020-21	97	7	64	4,612	1,987	31	2,123	8,918
	1%	0%	1%	52%	22%	0%	24%	100%
2021-22	13	0	46	9,119	1,862	78	1,581	12,702
	0%	0%	0%	72%	15%	1%	12%	100%
2022-23	49	0	256	5,506	1,895	47	1,912	9,664
	1%	0%	3%	57%	20%	0%	20%	100%

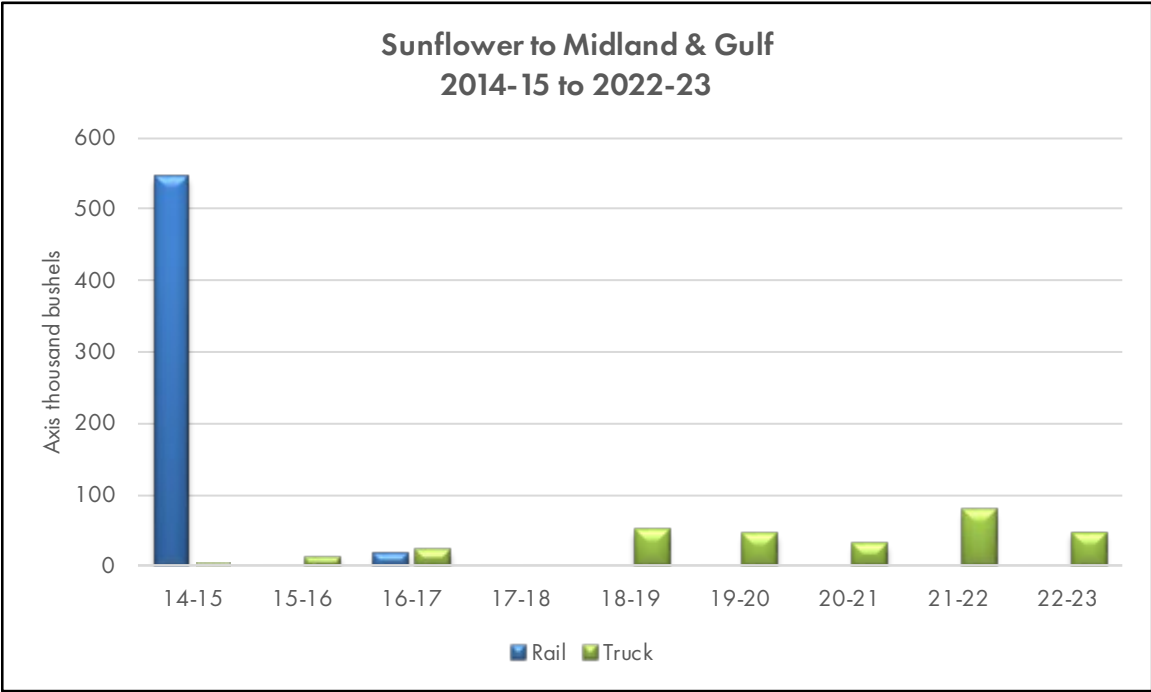
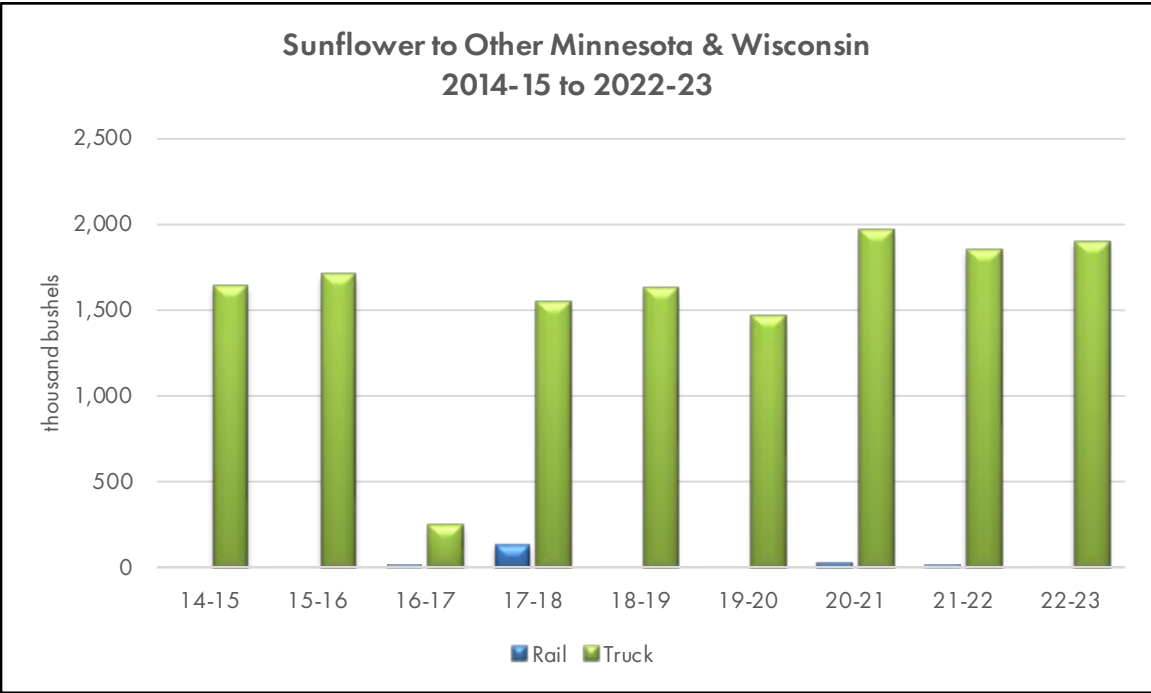


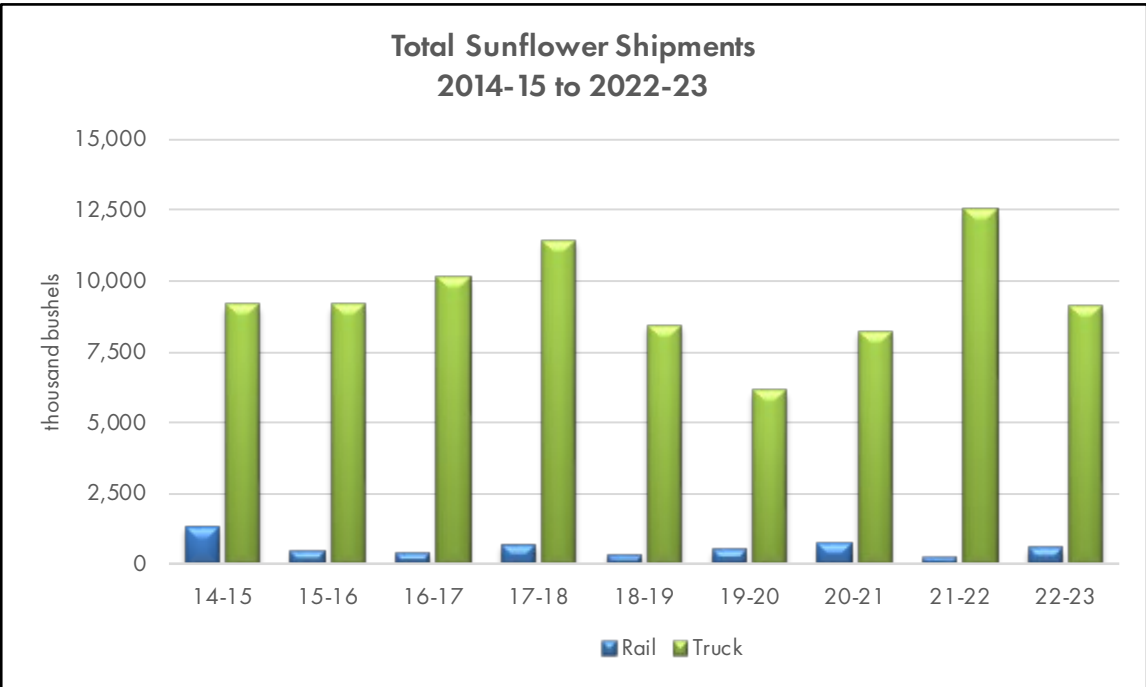
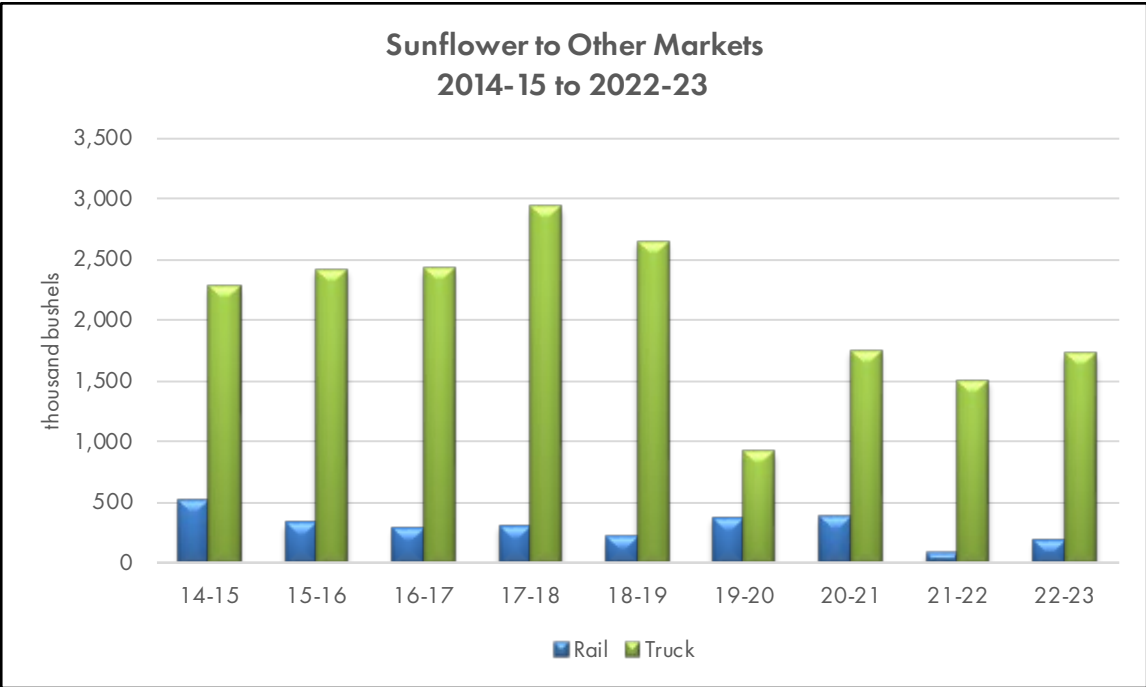
North Dakota Sunflower Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	0	12	0	0	0	97	236	5,109	0	1,644	545	2	519	2,277	1,300	9,140
	0%	100%	0%	0%	0%	100%	4%	96%	0%	100%	100%	0%	19%	81%	12%	88%
2015-16	0	0	4	0	15	70	103	4,909	0	1,708	0	13	333	2,422	455	9,128
	0%	0%	100%	0%	18%	82%	2%	98%	0%	100%	0%	100%	12%	88%	5%	95%
2016-17	4	29	0	0	44	37	13	7,344	8	251	19	23	291	2,426	379	10,115
	12%	88%	0%	0%	54%	46%	0%	100%	3%	97%	45%	55%	11%	89%	4%	96%
2017-18	164	2	0	0	0	46	84	6,897	133	1,542	0	0	303	2,932	684	11,419
	99%	1%	0%	0%	0%	100%	1%	99%	8%	92%	0%	0%	9%	91%	6%	94%
2018-19	0	75	0	0	0	38	89	3,984	0	1,623	0	50	216	2,646	306	8,408
	0%	100%	0%	0%	0%	100%	2%	98%	0%	100%	0%	100%	8%	92%	4%	96%
2019-20	0	28	0	0	25	45	98	3,614	0	1,463	0	45	367	916	490	6,111
	0%	100%	0%	0%	36%	64%	3%	97%	0%	100%	0%	100%	29%	71%	7%	93%
2020-21	79	18	0	7	27	37	213	4,399	28	1,959	0	31	376	1,747	721	8,197
	81%	19%	0%	100%	42%	58%	5%	95%	1%	99%	0%	100%	18%	82%	8%	92%
2021-22	0	13	0	0	0	46	121	8,998	9	1,853	0	78	80	1,501	211	12,491
	0%	100%	0%	0%	0%	100%	1%	99%	0%	100%	0%	100%	5%	95%	2%	98%
2022-23	42	7	0	0	181	75	149	5,357	0	1,895	0	47	191	1,722	562	9,101
	87%	13%	0%	0%	71%	29%	3%	97%	0%	100%	0%	100%	10%	90%	6%	94%



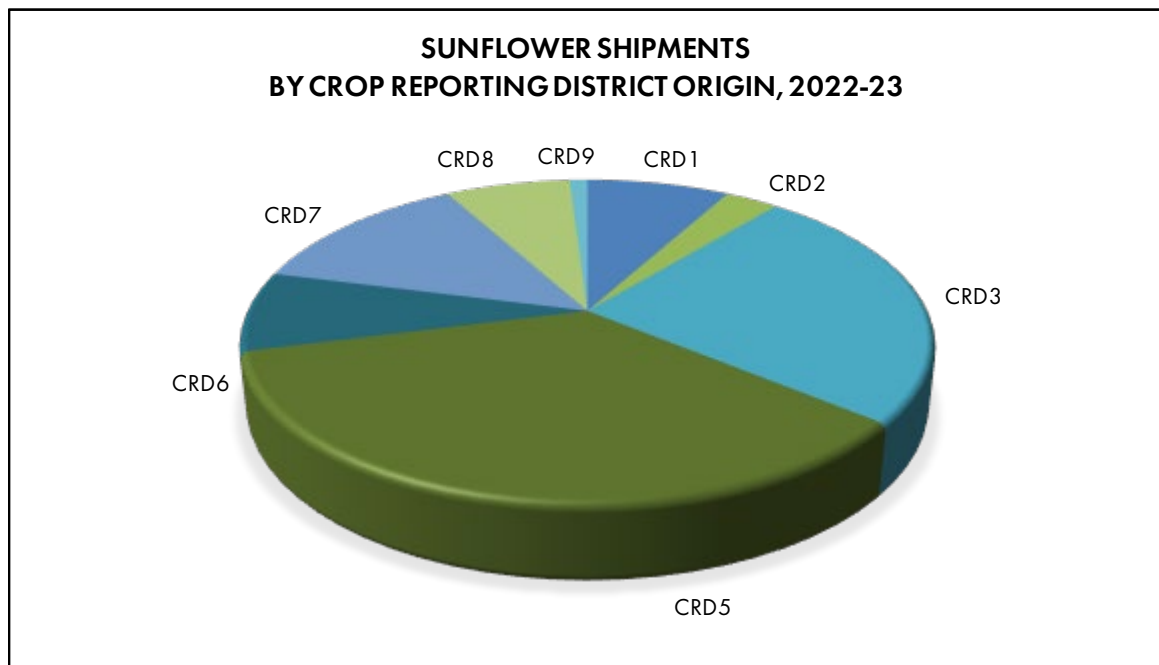




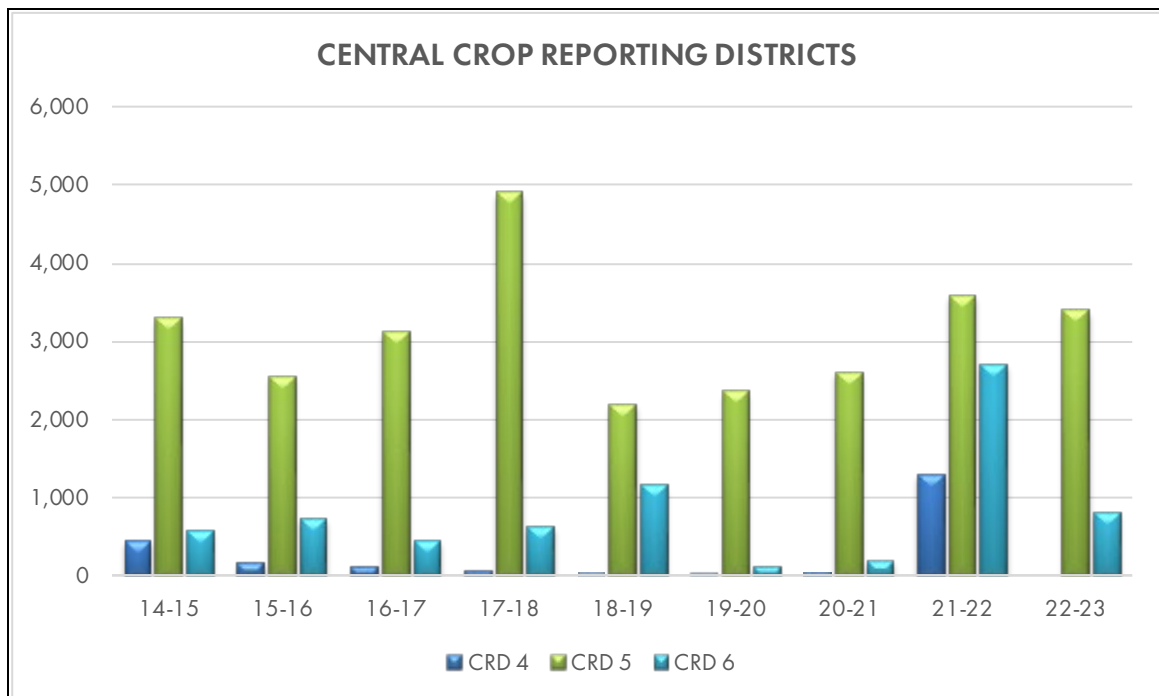
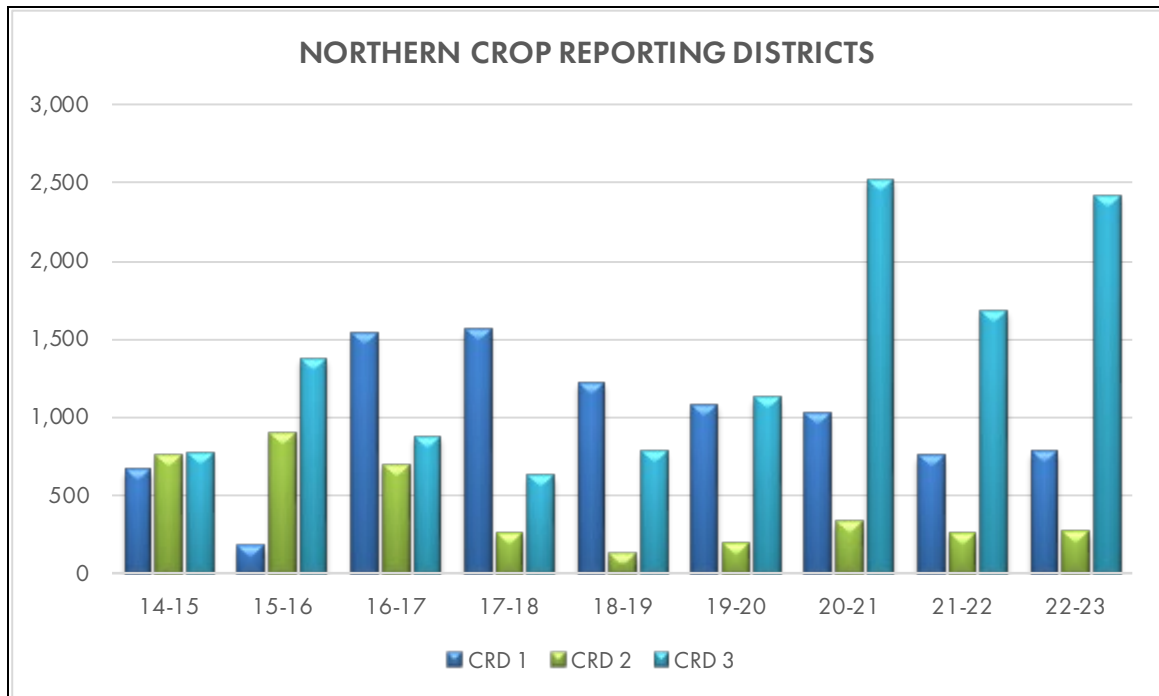


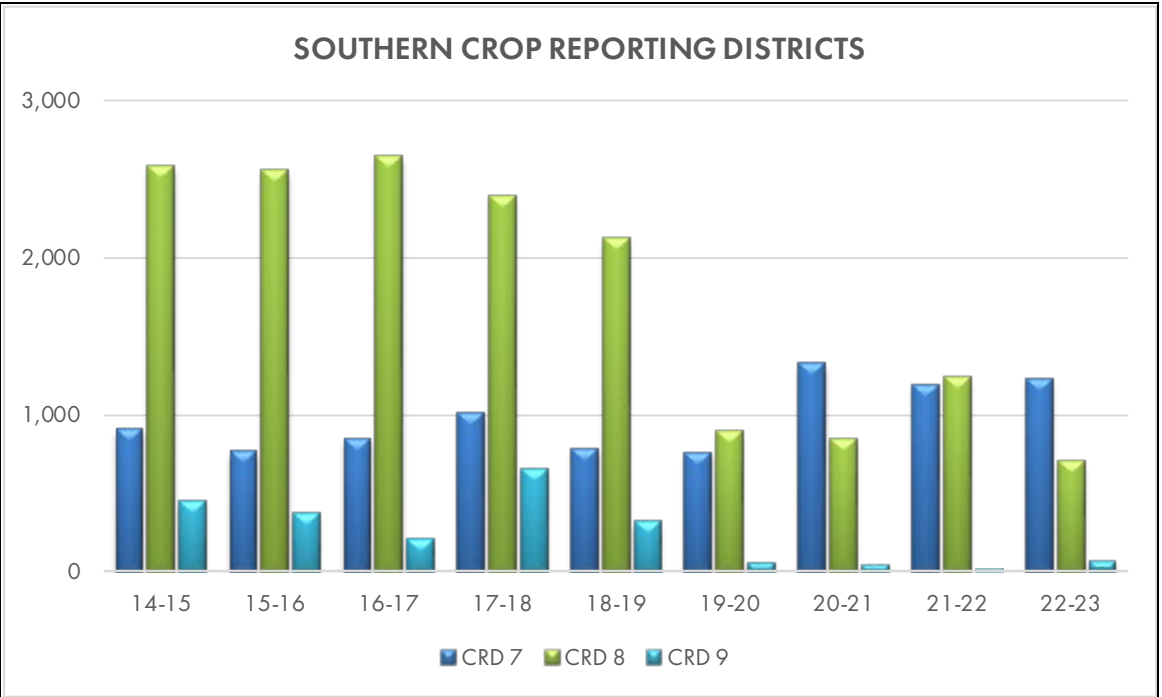
North Dakota Sunflower Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	664	761	770	448	3,300	573	901	2,577	446	10,440
	6%	7%	7%	4%	32%	5%	9%	25%	4%	100%
2015-16	180	900	1,375	173	2,545	724	763	2,553	370	9,583
	2%	9%	14%	2%	27%	8%	8%	27%	4%	100%
2016-17	1,534	698	873	123	3,110	455	847	2,645	209	10,494
	15%	7%	8%	1%	30%	4%	8%	25%	2%	100%
2017-18	1,557	265	624	71	4,900	632	1,011	2,397	646	12,103
	13%	2%	5%	1%	40%	5%	8%	20%	5%	100%
2018-19	1,220	131	787	8	2,186	1,154	781	2,125	322	8,714
	14%	2%	9%	0%	25%	13%	9%	24%	4%	100%
2019-20	1,080	198	1,126	13	2,352	123	757	892	60	6,601
	16%	3%	17%	0%	36%	2%	11%	14%	1%	100%
2020-21	1,019	333	2,521	44	2,598	192	1,324	840	47	8,918
	11%	4%	28%	0%	29%	2%	15%	9%	1%	100%
2021-22	751	261	1,680	1,292	3,588	2,695	1,192	1,237	6	12,702
	6%	2%	13%	10%	28%	21%	9%	10%	0%	100%
2022-23	780	272	2,417	0	3,391	810	1,224	700	69	9,664
	8%	3%	25%	0%	35%	8%	13%	7%	1%	100%



Sunflower Shipments by Crop Reporting District (thousand bu.)

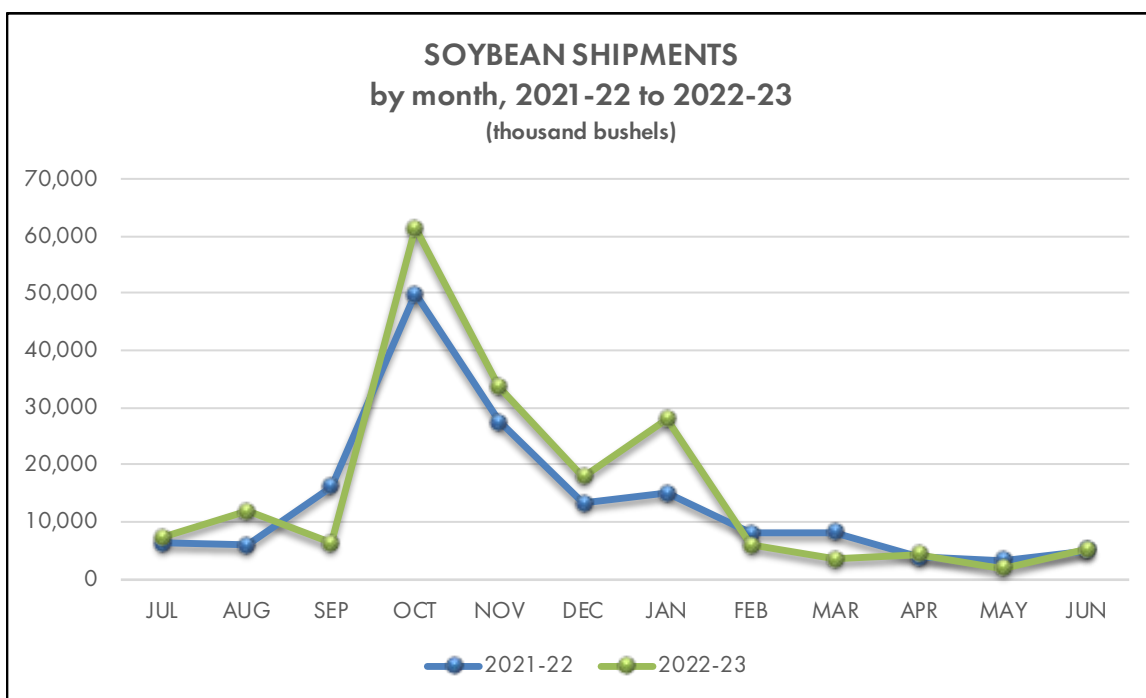
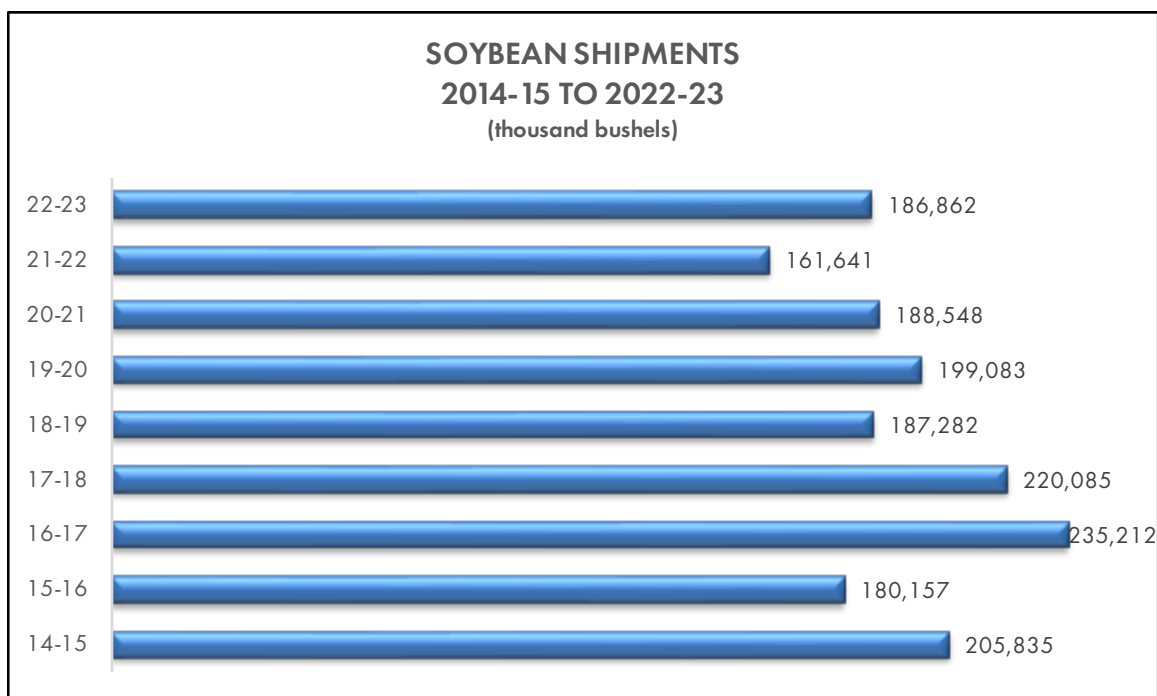




SOYBEAN SHIPMENTS

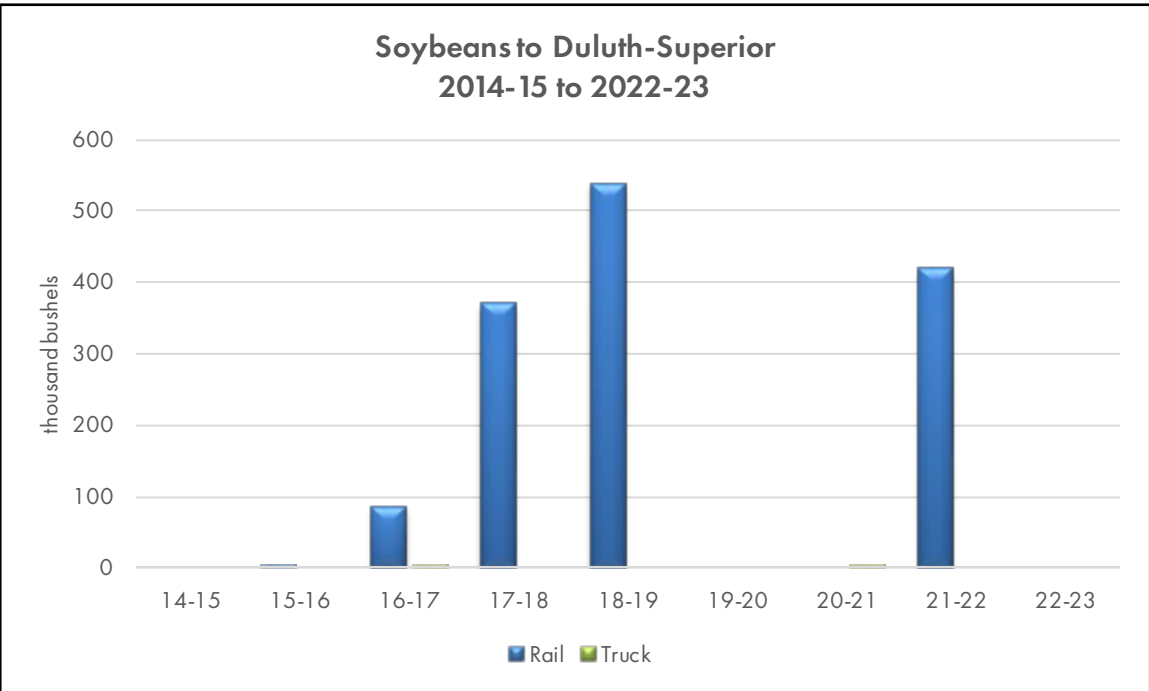
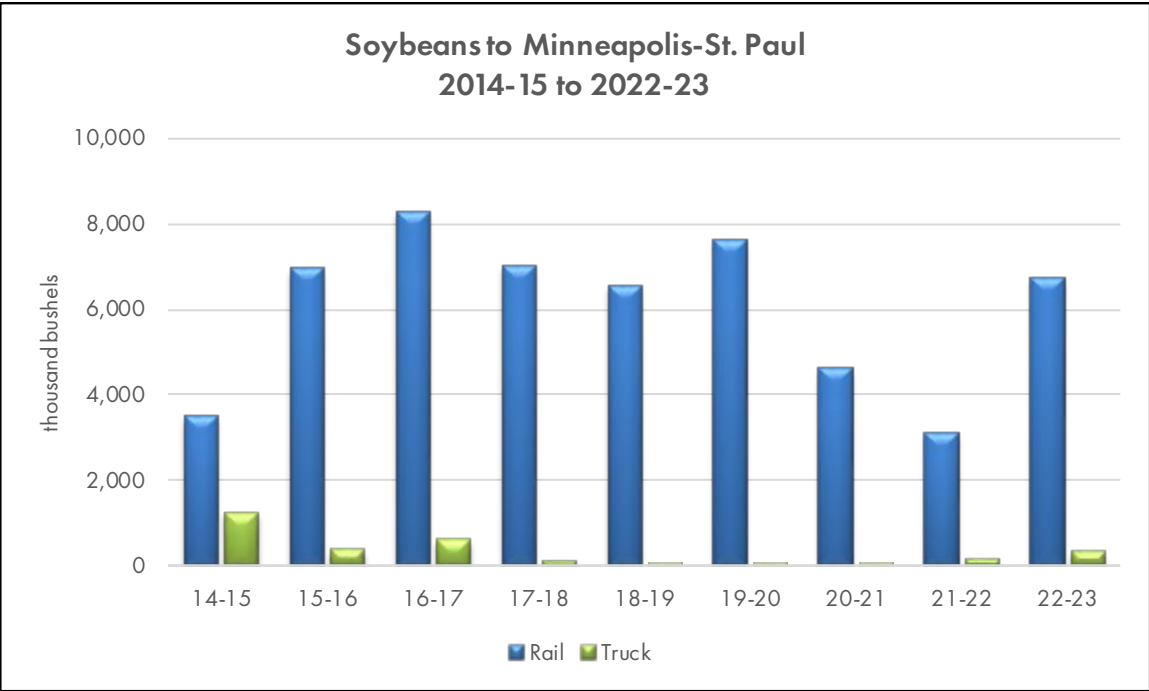
North Dakota Soybean Shipments by Destination (thousand bu.)

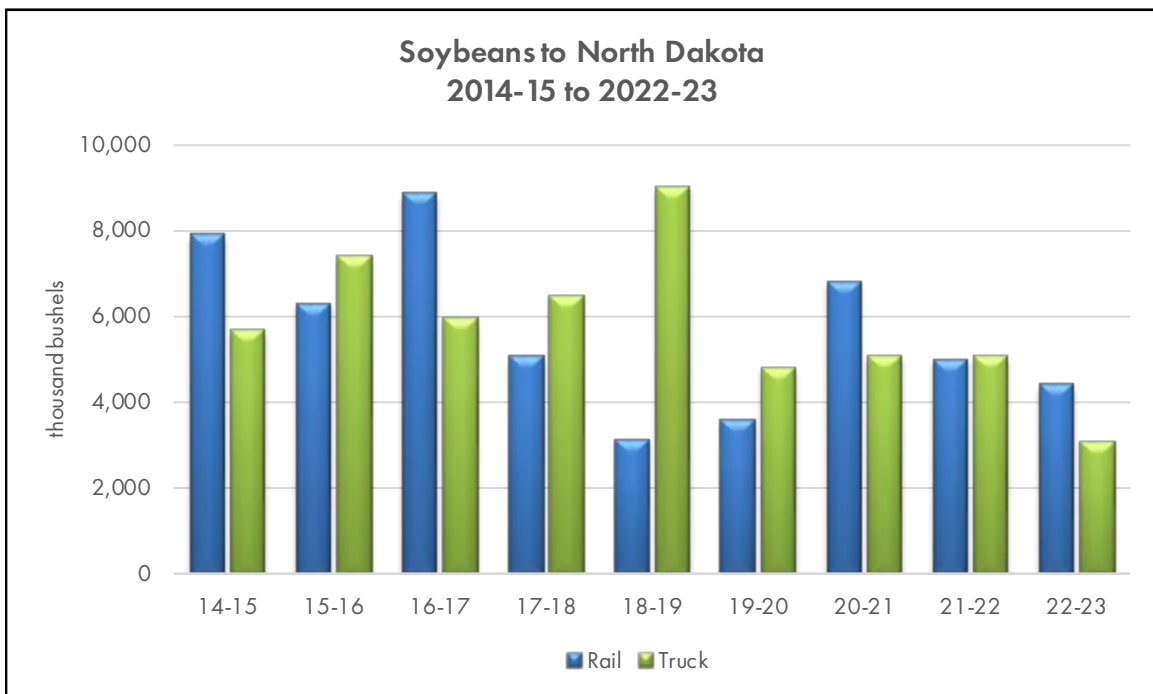
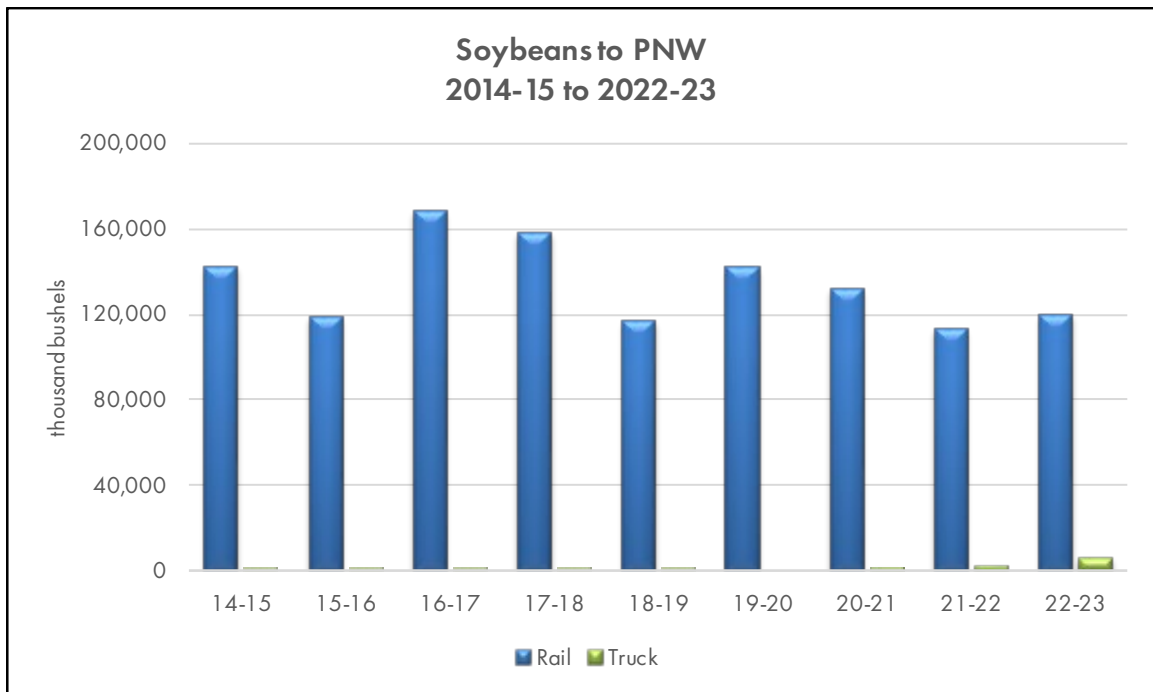
YEAR	Minneapolis-St. Paul	Duluth-Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	4,749	0	142,210	13,571	6,163	7,395	31,747	205,835
	2%	0%	69%	7%	3%	4%	15%	100%
2015-16	7,343	3	119,051	13,676	5,045	6,958	28,080	180,157
	4%	0%	66%	8%	3%	4%	16%	100%
2016-17	8,879	87	168,274	14,783	6,944	6,671	29,573	235,212
	4%	0%	72%	6%	3%	3%	13%	100%
2017-18	7,146	369	158,268	11,522	5,825	3,107	33,859	220,085
	3%	0%	72%	5%	3%	1%	15%	100%
2018-19	6,554	539	117,150	12,139	9,291	14,068	27,541	187,282
	3%	0%	63%	6%	5%	8%	15%	100%
2019-20	7,654	0	141,552	8,383	7,328	8,247	25,918	199,083
	4%	0%	71%	4%	4%	4%	13%	100%
2020-21	4,628	1	133,463	11,890	10,004	5,901	22,661	188,548
	2%	0%	71%	6%	5%	3%	12%	100%
2021-22	3,237	420	115,279	10,066	8,843	2,001	21,796	161,641
	2%	0%	71%	6%	5%	1%	13%	100%
2022-23	7,052	0	125,878	7,498	10,768	2,401	33,265	186,862
	4%	0%	67%	4%	6%	1%	18%	100%

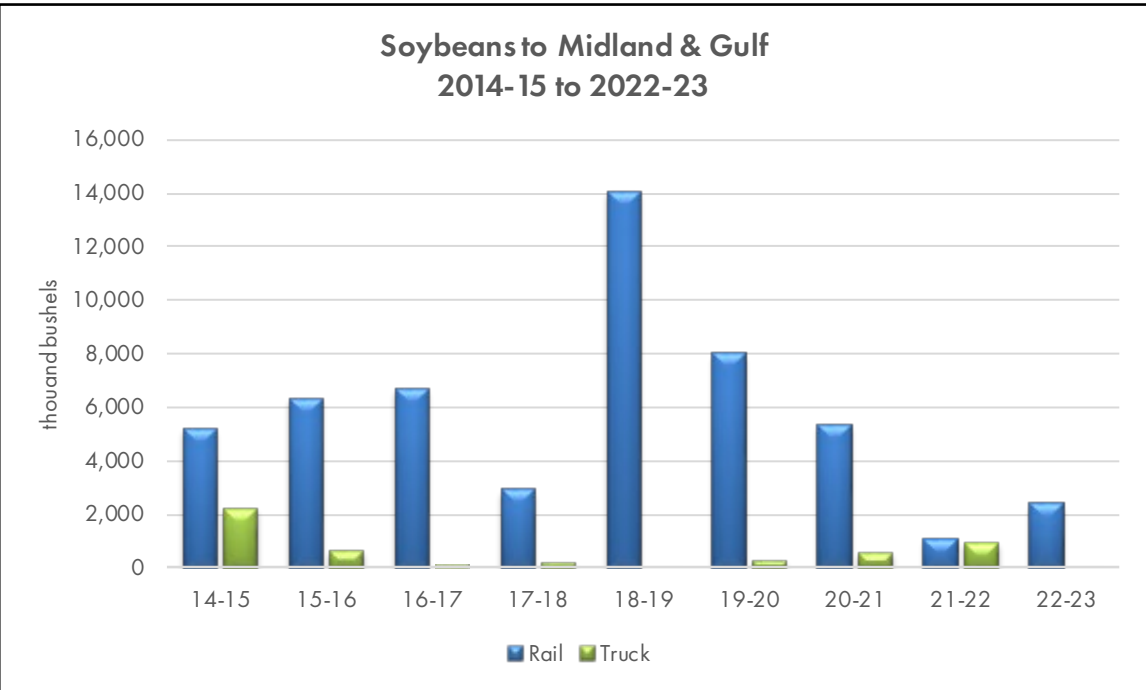
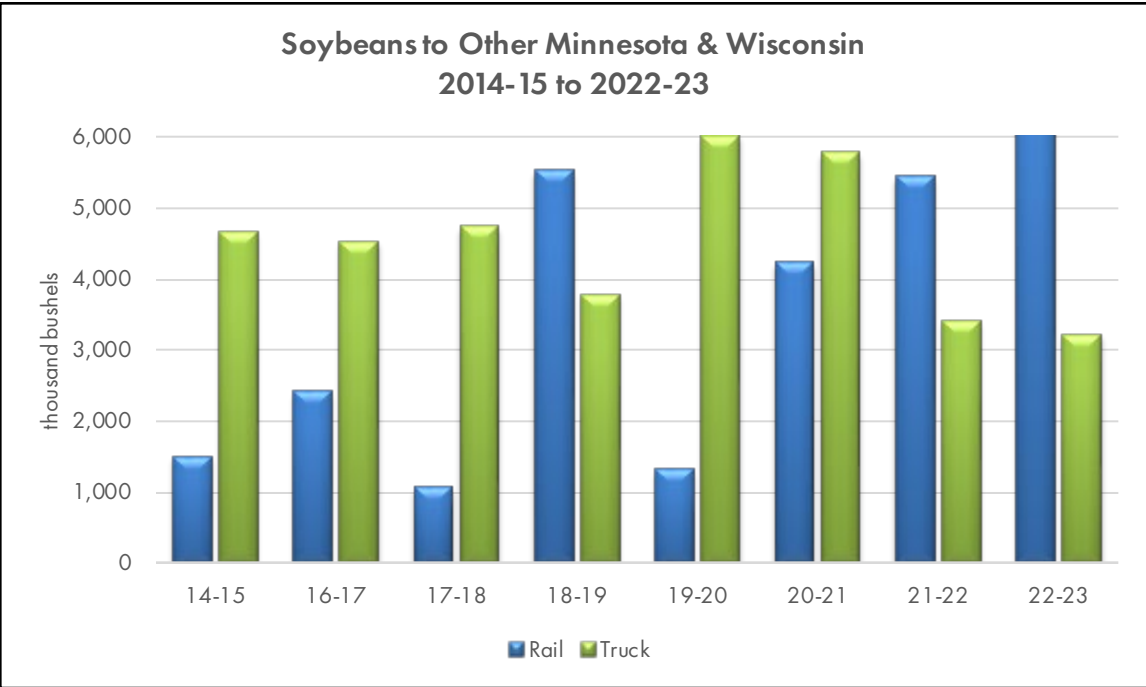


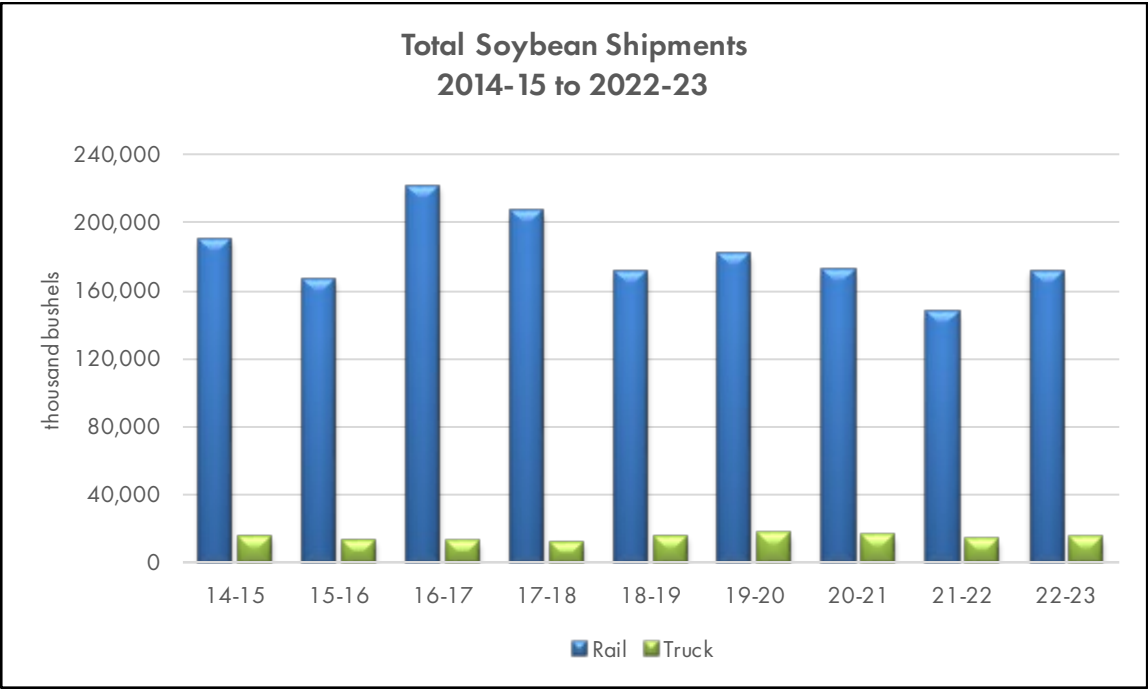
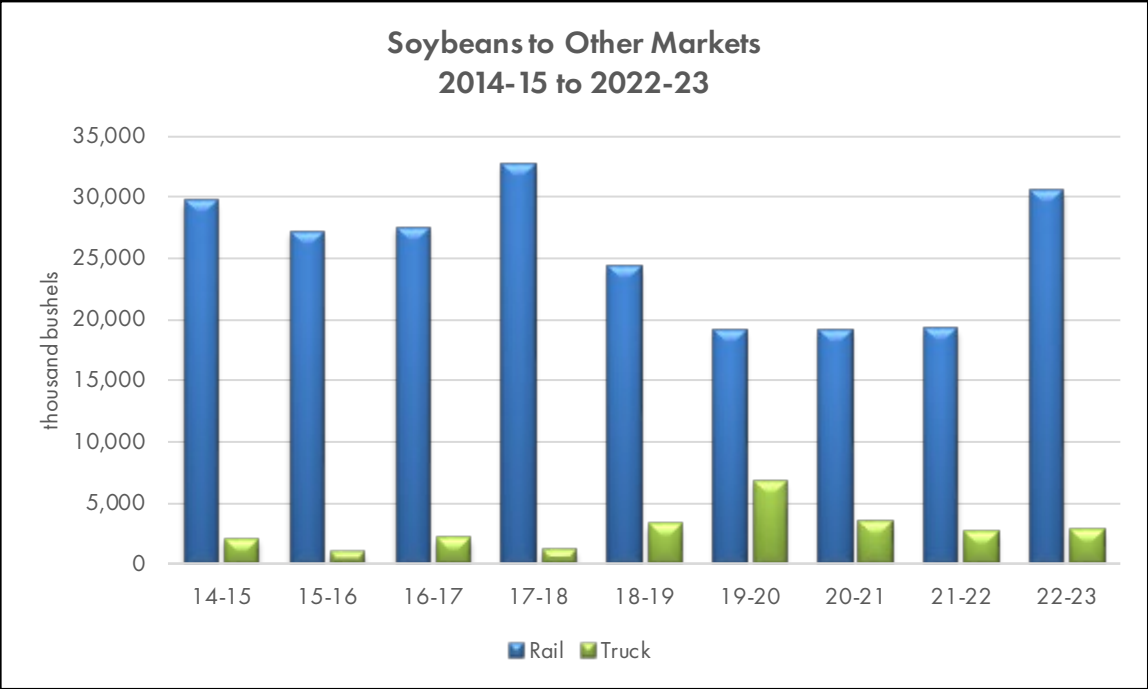
North Dakota Soybean Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	3,500	1,249	0	0	142,187	23	7,891	5,681	1,500	4,662	5,201	2,194	29,726	2,021	190,005	15,830
	74%	26%	0%	0%	100%	0%	58%	42%	24%	76%	70%	30%	94%	6%	92%	8%
2015-16	6,956	387	3	0	119,047	4	6,288	7,387	874	4,171	6,301	657	27,136	944	166,606	13,551
	95%	5%	100%	0%	100%	0%	46%	54%	17%	83%	91%	9%	97%	3%	92%	8%
2016-17	8,269	610	86	1	168,253	21	8,854	5,929	2,414	4,530	6,668	4	27,498	2,076	222,041	13,170
	93%	7%	99%	1%	100%	0%	60%	40%	35%	65%	100%	0%	93%	7%	94%	6%
2017-18	7,015	132	369	0	158,232	36	5,059	6,463	1,074	4,741	2,922	185	32,721	1,138	207,392	12,693
	98%	2%	100%	0%	100%	0%	44%	56%	18%	82%	94%	6%	97%	3%	94%	6%
2018-19	6,547	6	539	0	117,147	3	3,126	9,013	5,522	3,769	14,068	0	24,306	3,235	171,255	16,027
	100%	0%	100%	0%	100%	0%	26%	74%	59%	41%	100%	0%	88%	12%	91%	9%
2019-20	7,615	40	0	0	141,552	0	3,572	4,812	1,321	6,007	7,988	258	19,173	6,745	181,221	17,862
	99%	1%	0%	0%	100%	0%	43%	57%	18%	82%	97%	3%	74%	26%	91%	9%
2020-21	4,613	15	0	1	131,779	1,684	6,801	5,089	4,320	5,773	5,349	552	19,199	3,462	171,972	16,576
	100%	0%	0%	100%	99%	1%	57%	43%	42%	58%	91%	9%	85%	15%	91%	9%
2021-22	3,081	156	420	0	113,119	2,160	5,001	5,065	5,433	3,410	1,076	925	19,213	2,583	147,342	14,299
	95%	5%	100%	0%	98%	2%	50%	50%	61%	39%	54%	46%	88%	12%	91%	9%
2022-23	6,716	336	0	0	119,848	6,030	4,404	3,094	7,562	3,206	2,401	0	30,529	2,736	171,460	15,402
	95%	5%	0%	0%	95%	5%	59%	41%	70%	30%	100%	0%	92%	8%	92%	8%



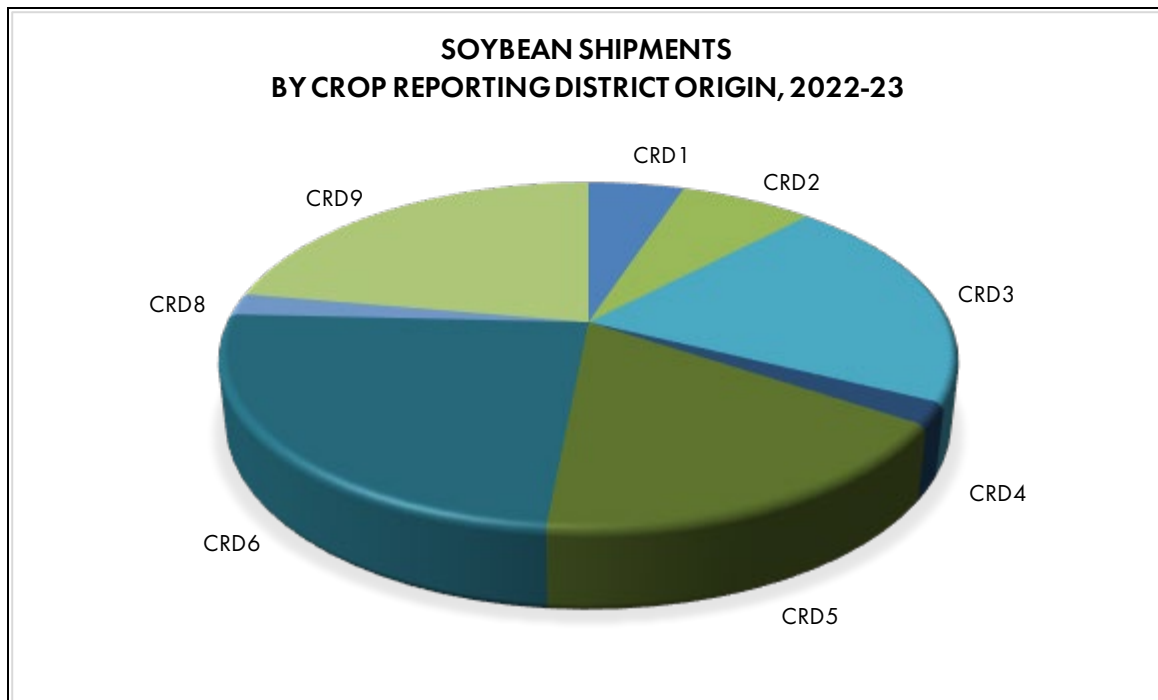




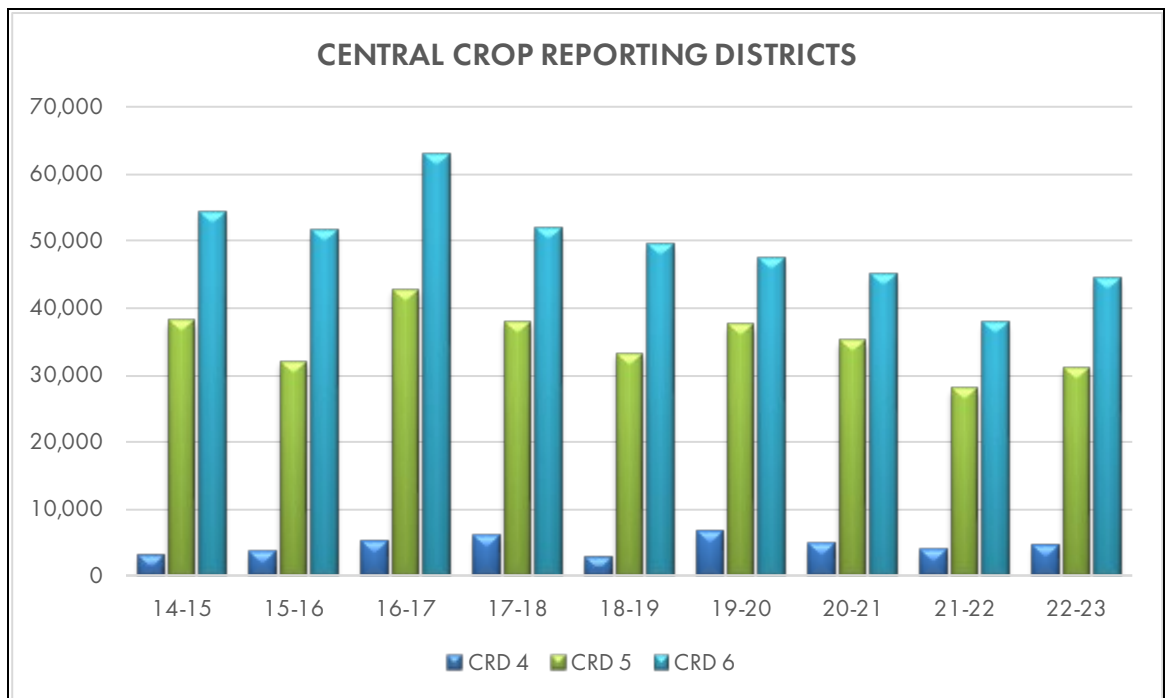
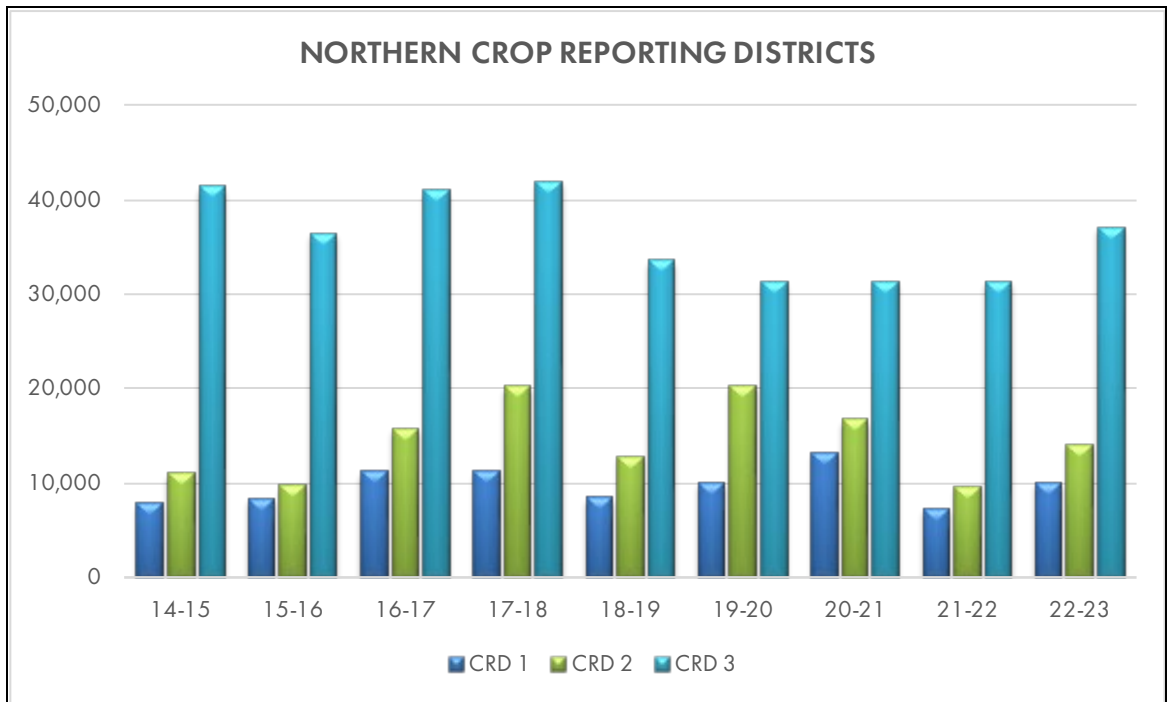


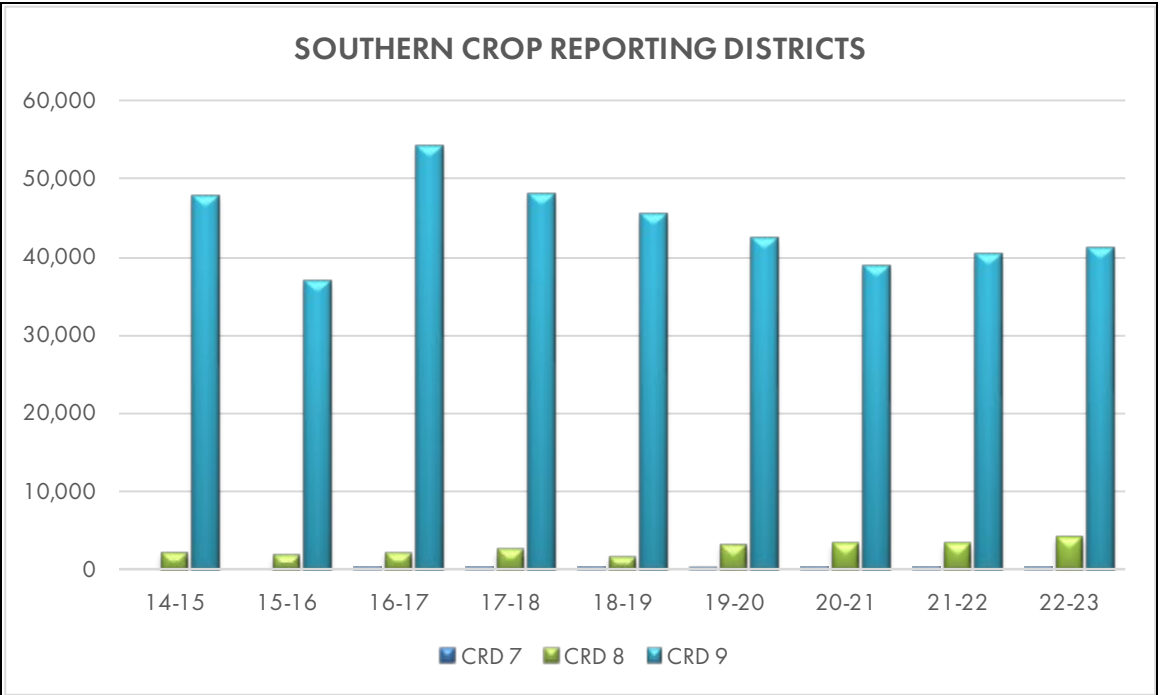
North Dakota Soybean Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	7,797	10,910	41,360	3,141	38,185	54,295	0	2,257	47,889	205,835
	4%	5%	20%	2%	19%	26%	0%	1%	23%	100%
2015-16	8,294	9,656	36,353	3,623	32,035	51,466	0	1,802	36,928	180,157
	5%	5%	20%	2%	18%	29%	0%	1%	20%	100%
2016-17	11,092	15,722	40,890	5,272	42,790	63,030	31	2,181	54,203	235,212
	5%	7%	17%	2%	18%	27%	0%	1%	23%	100%
2017-18	11,242	20,259	41,878	6,000	38,032	51,823	118	2,621	48,112	220,085
	5%	9%	19%	3%	17%	24%	0%	1%	22%	100%
2018-19	8,414	12,750	33,475	2,875	33,216	49,416	31	1,661	45,444	187,282
	4%	7%	18%	2%	18%	26%	0%	1%	24%	100%
2019-20	10,017	20,356	31,334	6,675	37,518	47,519	97	3,241	42,326	199,083
	5%	10%	16%	3%	19%	24%	0%	2%	21%	100%
2020-21	13,160	16,621	31,324	4,864	35,165	45,018	96	3,366	38,935	188,548
	7%	9%	17%	3%	19%	24%	0%	2%	21%	100%
2021-22	7,253	9,598	31,269	3,882	28,010	37,768	243	3,326	40,293	161,641
	4%	6%	19%	2%	17%	23%	0%	2%	25%	100%
2022-23	10,003	13,943	37,047	4,628	31,168	44,327	244	4,243	41,259	186,862
	5%	7%	20%	2%	17%	24%	0%	2%	22%	100%



Soybean Shipments by Crop Reporting District (thousand bu.)

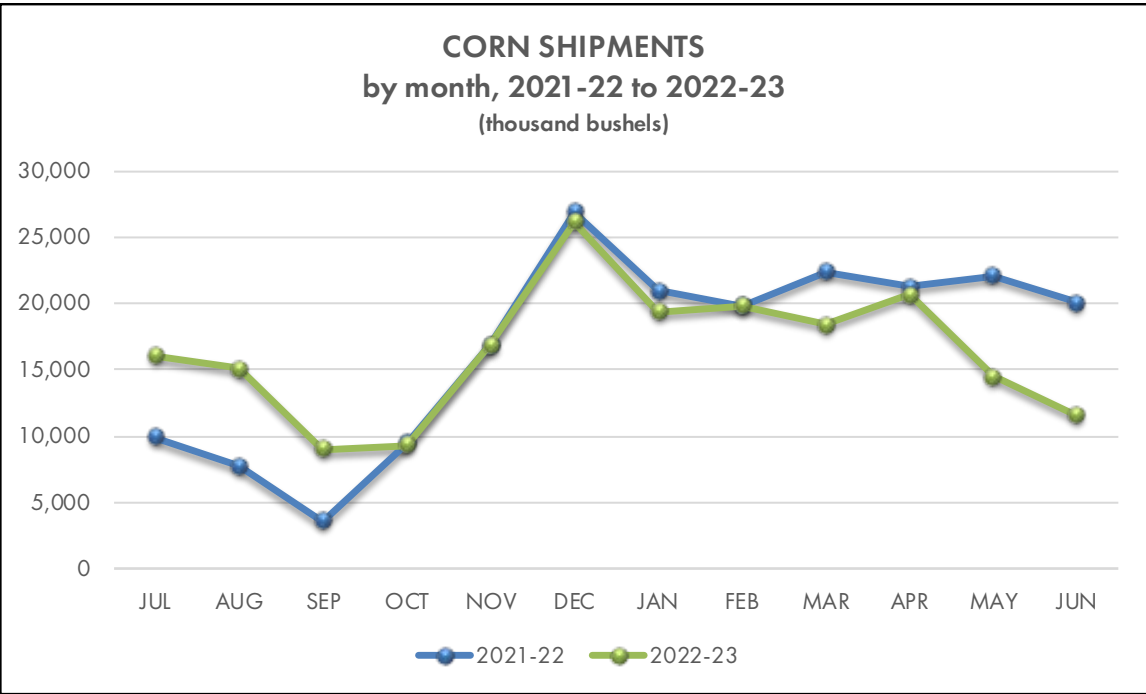
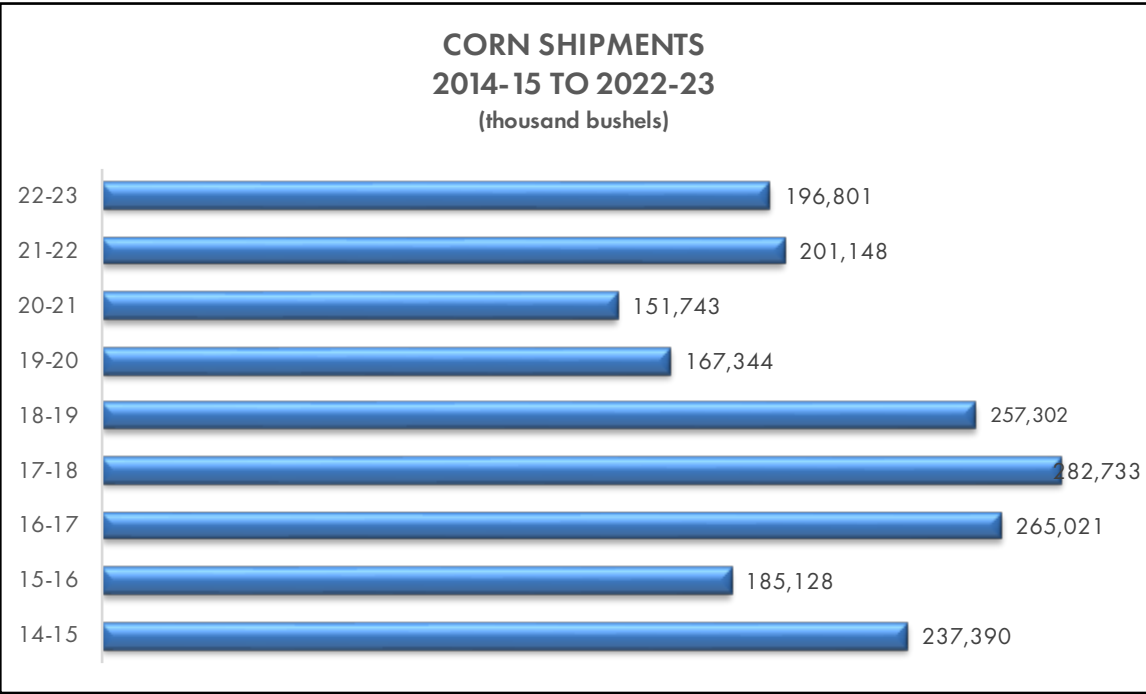




CORN SHIPMENTS

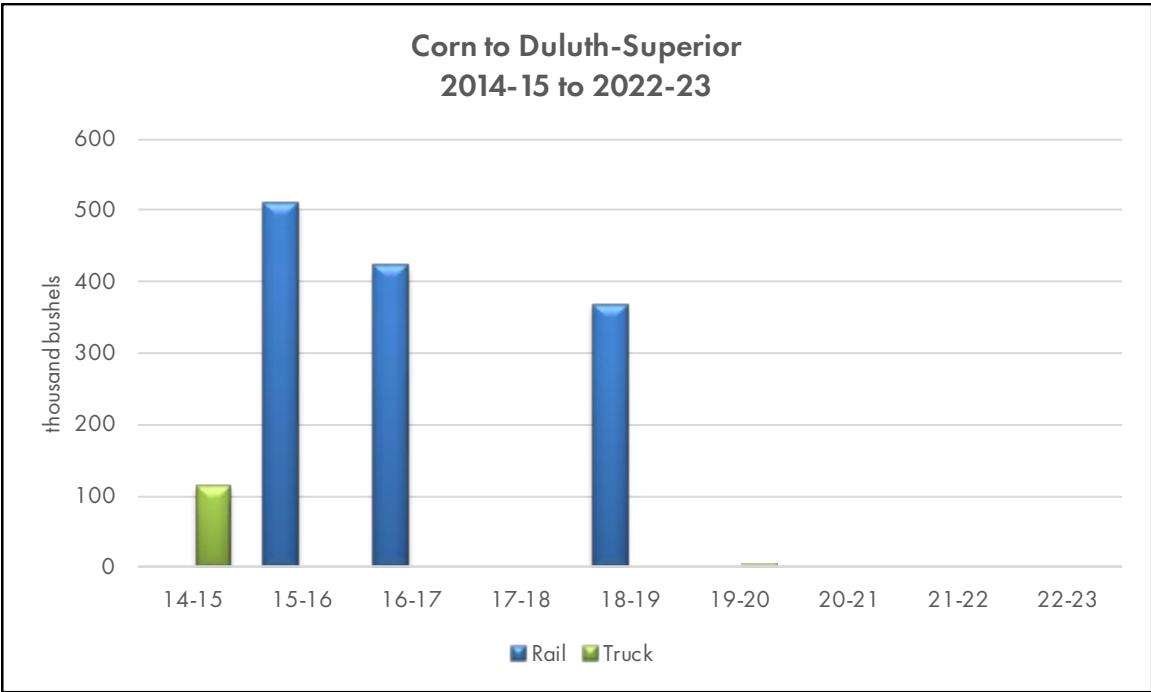
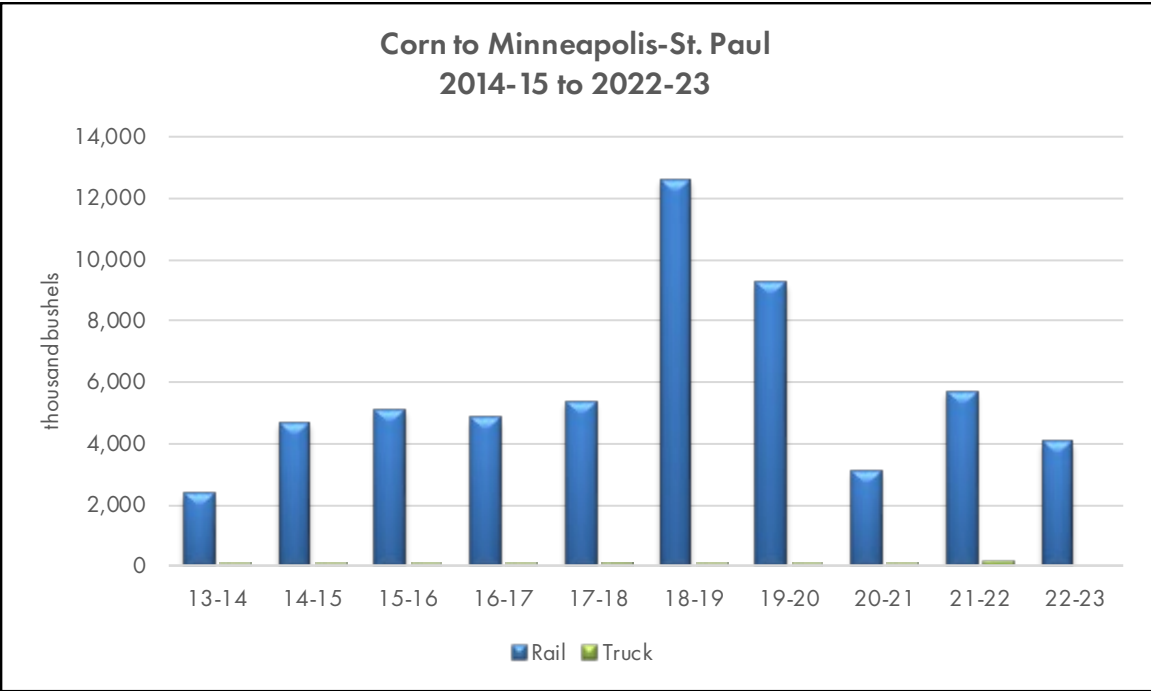
North Dakota Corn Shipments by Destination (thousand bu.)

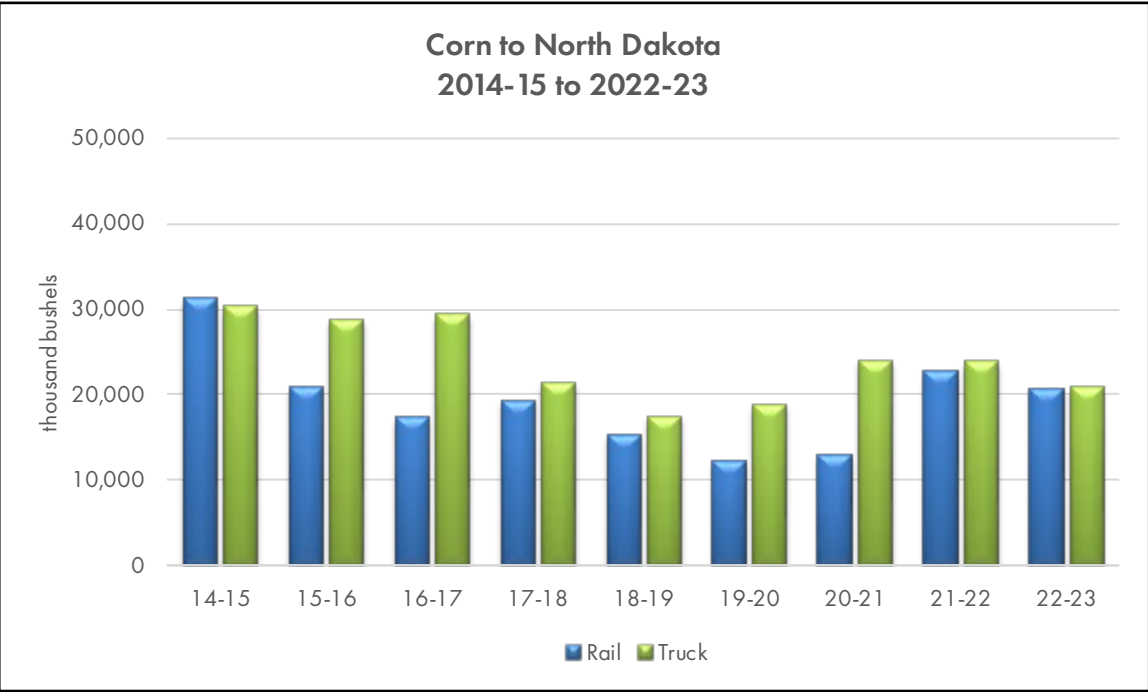
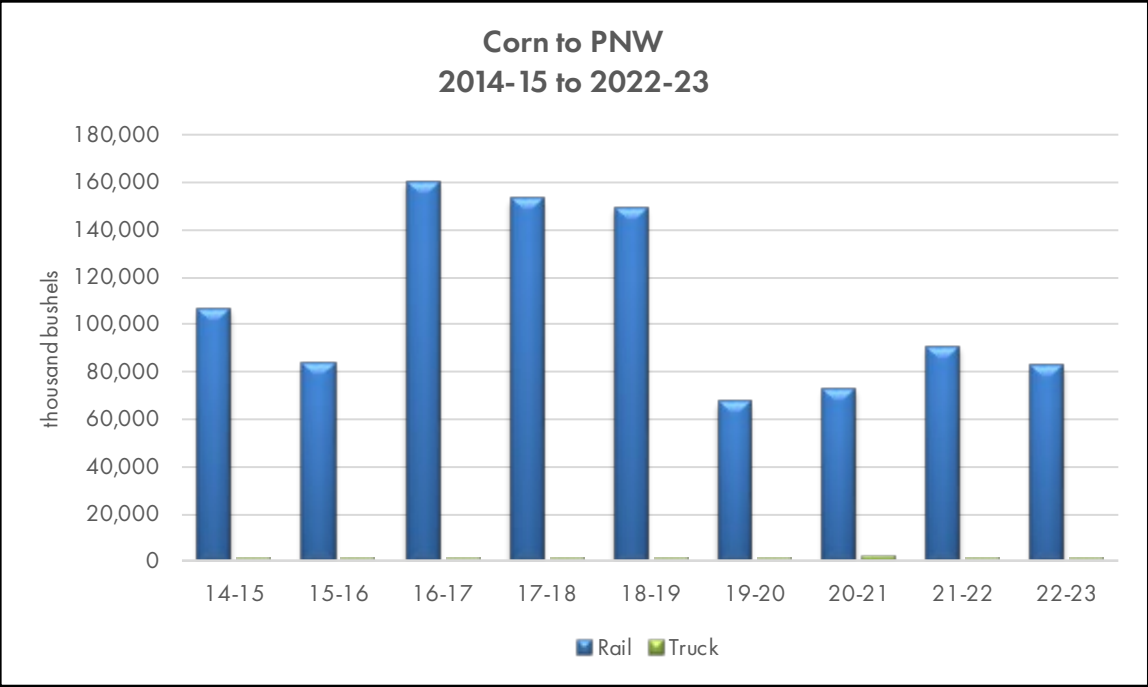
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	4,673	113	106,631	61,525	7,097	12,005	45,347	237,390
	2%	0%	45%	26%	3%	5%	19%	100%
2015-16	5,110	509	83,921	49,512	2,981	6,498	36,598	185,128
	3%	0%	45%	27%	2%	4%	20%	100%
2016-17	4,838	422	160,361	46,613	8,512	1,627	42,647	265,021
	2%	0%	61%	18%	3%	1%	16%	100%
2017-18	5,438	0	153,514	40,575	10,718	12,123	60,366	282,733
	2%	0%	54%	14%	4%	4%	21%	100%
2018-19	12,611	368	149,330	32,653	4,619	1,351	56,369	257,302
	5%	0%	58%	13%	2%	1%	22%	100%
2019-20	9,247	2	67,385	30,889	10,438	9,417	39,966	167,344
	6%	0%	40%	18%	6%	6%	24%	100%
2020-21	3,101	0	74,750	36,764	5,766	2,346	29,017	151,743
	2%	0%	49%	24%	4%	2%	19%	100%
2021-22	5,851	0	90,642	46,352	7,963	2,220	48,118	201,148
	3%	0%	45%	23%	4%	1%	24%	100%
2022-23	4,044	0	82,926	41,413	6,762	10,688	51,052	196,801
	2%	0%	42%	21%	3%	5%	26%	100%

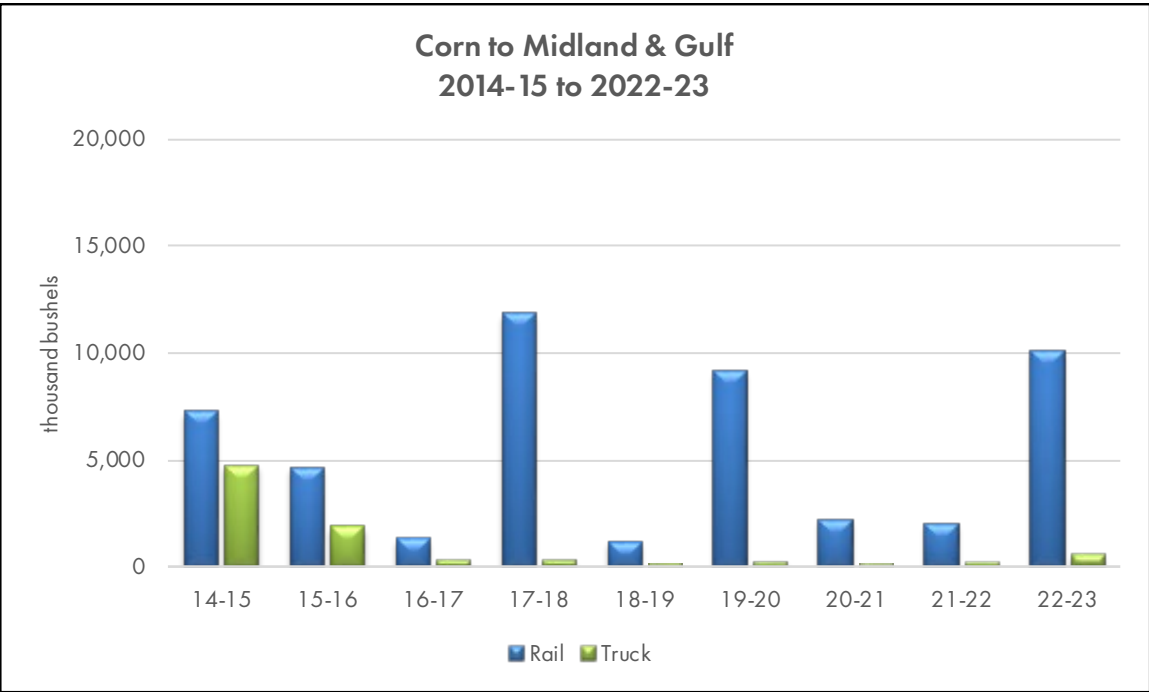
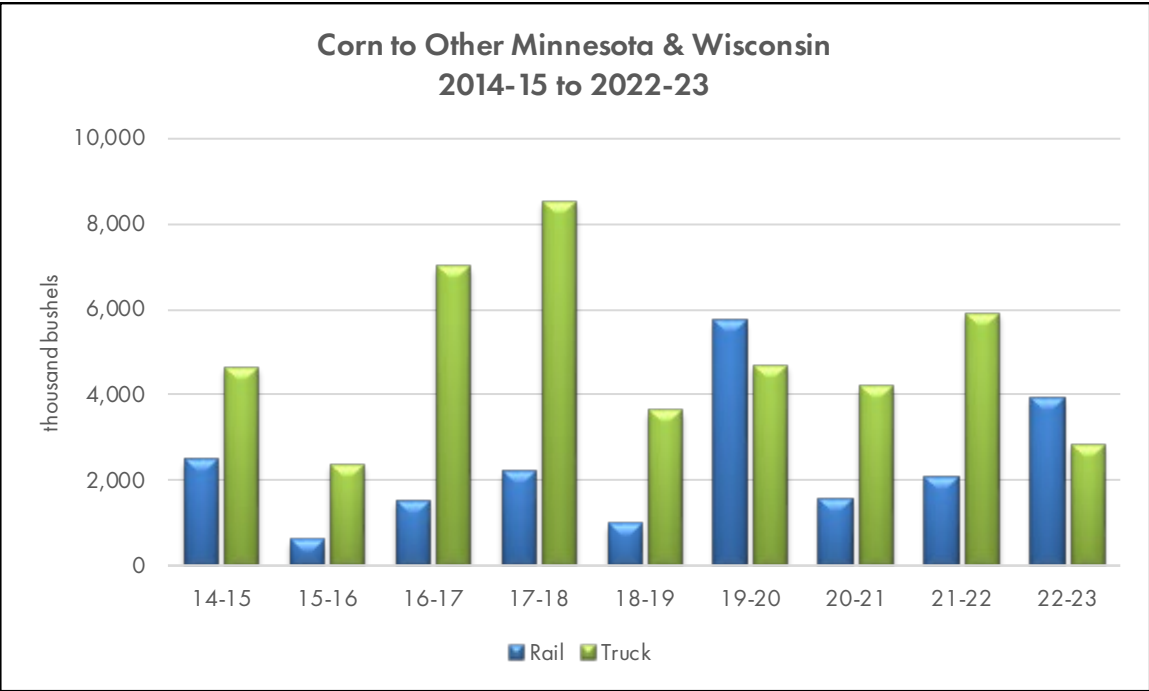


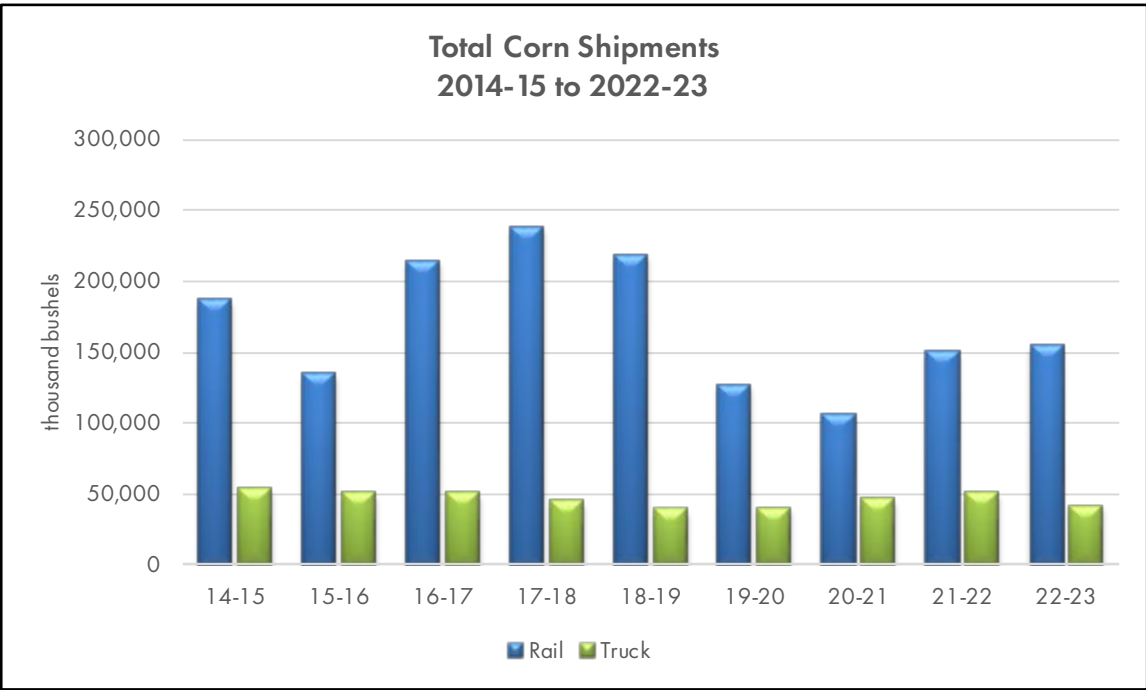
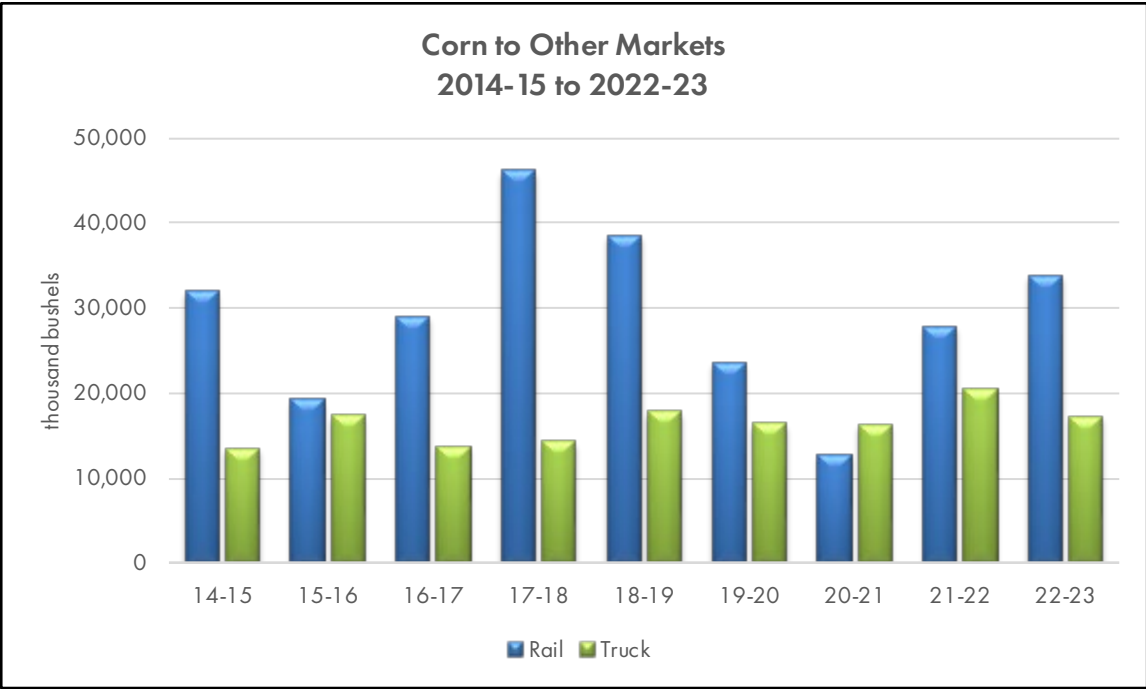
North Dakota Corn Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	4,671	3	0	113	106,459	171	31,261	30,264	2,465	4,631	7,277	4,728	31,921	13,426	184,054	53,336
	100%	0%	0%	100%	100%	0%	51%	49%	35%	65%	61%	39%	70%	30%	78%	22%
2015-16	5,101	9	509	0	83,766	155	20,776	28,737	611	2,369	4,610	1,888	19,242	17,356	134,614	50,514
	100%	0%	100%	0%	100%	0%	42%	58%	21%	79%	71%	29%	53%	47%	73%	27%
2016-17	4,807	31	422	0	160,144	217	17,293	29,321	1,513	6,999	1,325	302	28,894	13,753	214,398	50,623
	99%	1%	100%	0%	100%	0%	37%	63%	18%	82%	81%	19%	68%	32%	81%	19%
2017-18	5,359	78	0	0	153,205	309	19,266	21,309	2,202	8,515	11,849	274	46,073	14,293	237,953	44,780
	99%	1%	0%	0%	100%	0%	47%	53%	21%	79%	98%	2%	76%	24%	84%	16%
2018-19	12,587	24	368	0	149,239	91	15,238	17,415	976	3,643	1,180	171	38,560	17,809	218,148	39,154
	100%	0%	100%	0%	100%	0%	47%	53%	21%	79%	87%	13%	68%	32%	85%	15%
2019-20	9,244	3	0	2	67,260	125	12,165	18,725	5,742	4,695	9,195	222	23,575	16,391	127,181	40,163
	100%	0%	0%	100%	100%	0%	39%	61%	55%	45%	98%	2%	59%	41%	76%	24%
2020-21	3,098	2	0	0	72,945	1,804	12,834	23,931	1,574	4,192	2,210	136	12,767	16,250	105,428	46,315
	100%	0%	0%	0%	98%	2%	35%	65%	27%	73%	94%	6%	44%	56%	69%	31%
2021-22	5,713	138	0	0	90,340	302	22,569	23,783	2,067	5,896	2,030	190	27,783	20,335	150,502	50,645
	98%	2%	0%	0%	100%	0%	49%	51%	26%	74%	91%	9%	58%	42%	75%	25%
2022-23	4,044	0	0	0	82,295	631	20,628	20,785	3,943	2,819	10,127	560	33,867	17,185	154,903	41,898
	100%	0%	0%	0%	99%	1%	50%	50%	58%	42%	95%	5%	66%	34%	79%	21%



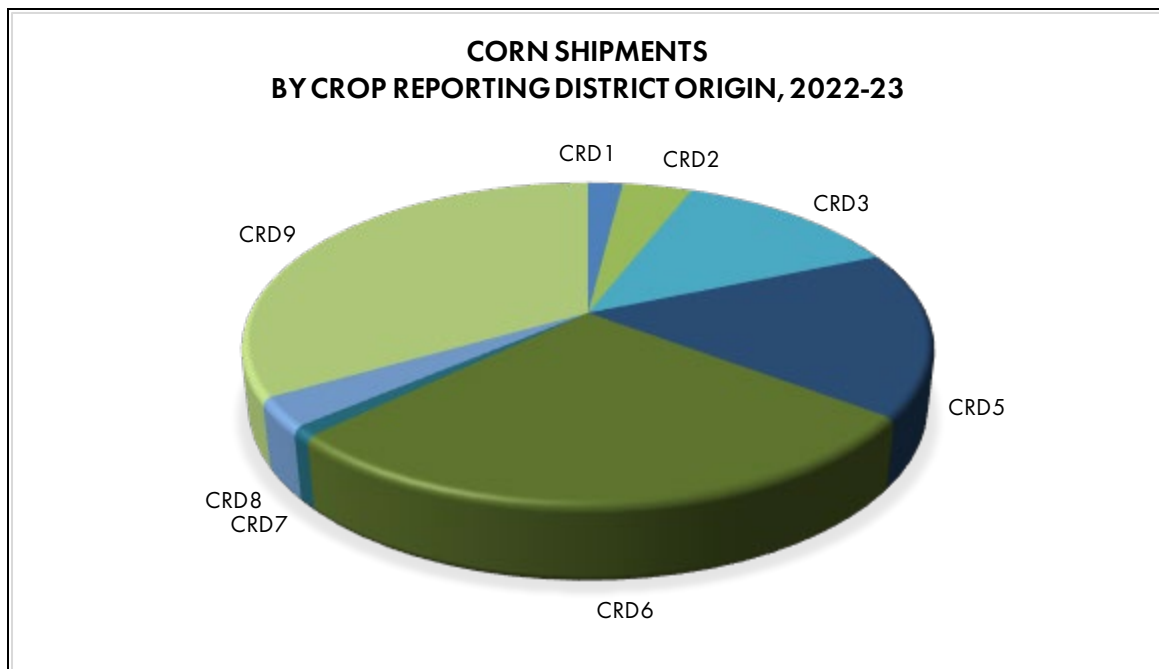




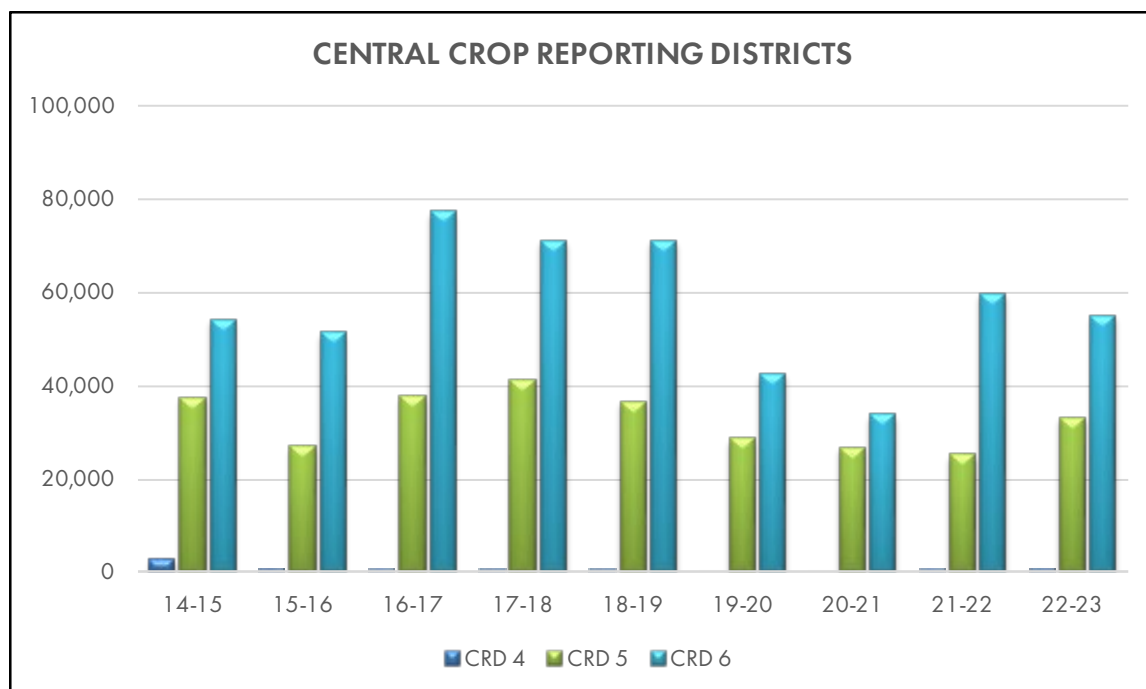
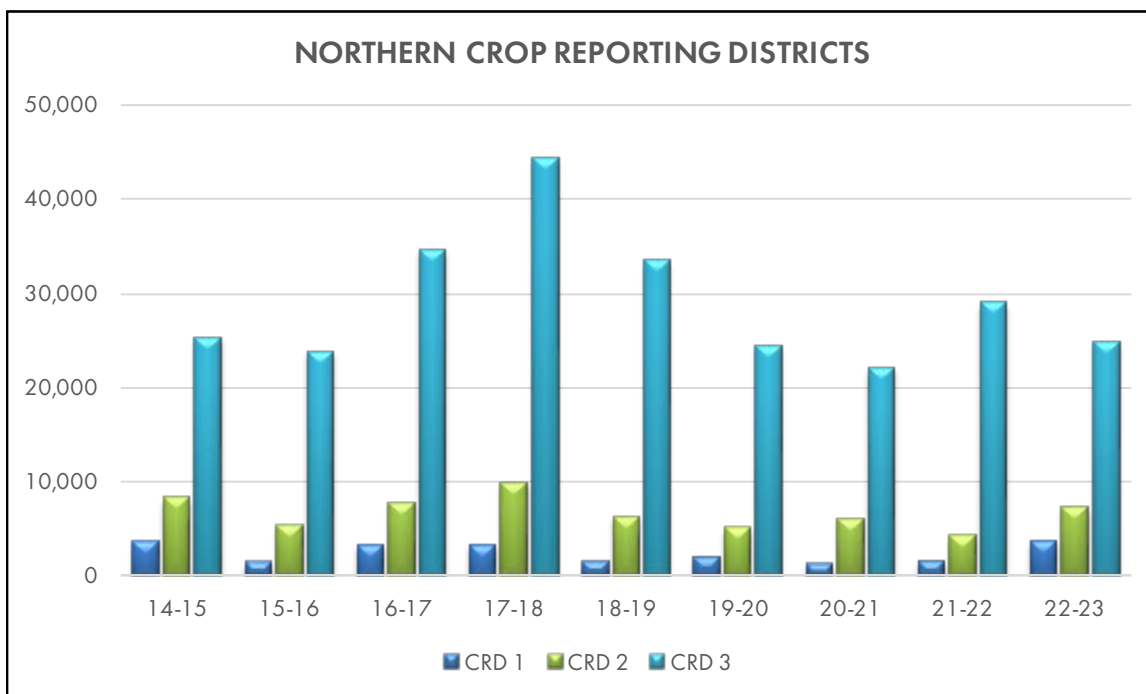


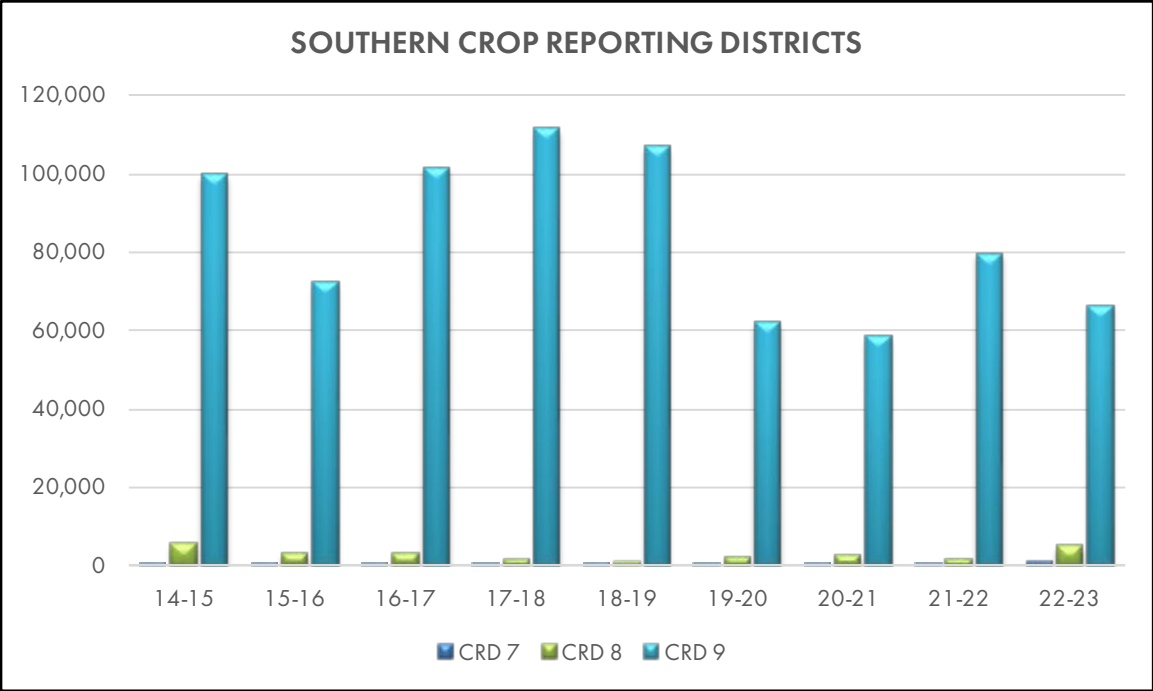
North Dakota Corn Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	3,636	8,331	25,343	2,853	37,333	54,152	394	5,663	99,685	237,390
	2%	4%	11%	1%	16%	23%	0%	2%	42%	100%
2015-16	1,454	5,264	23,862	571	26,892	51,266	493	3,104	72,223	185,128
	1%	3%	13%	0%	15%	28%	0%	2%	39%	100%
2016-17	3,336	7,752	34,605	47	37,529	77,268	55	3,107	101,323	265,021
	1%	3%	13%	0%	14%	29%	0%	1%	38%	100%
2017-18	3,309	9,895	44,358	102	41,094	71,125	19	1,528	111,302	282,733
	1%	3%	16%	0%	15%	25%	0%	1%	39%	100%
2018-19	1,546	6,264	33,428	329	36,545	71,251	31	1,028	106,880	257,302
	1%	2%	13%	0%	14%	28%	0%	0%	42%	100%
2019-20	2,045	5,074	24,459	0	28,740	42,501	291	2,170	62,065	167,344
	1%	3%	15%	0%	17%	25%	0%	1%	37%	100%
2021-21	1,247	6,034	22,118	0	26,795	33,680	444	2,881	58,543	151,743
	1%	4%	15%	0%	18%	22%	0%	2%	39%	100%
2021-22	1,654	4,206	29,047	72	25,144	59,664	17	1,764	79,581	201,148
	1%	2%	14%	0%	13%	30%	0%	1%	40%	100%
2022-23	3,763	7,175	24,897	629	33,046	54,817	1,070	5,144	66,260	196,801
	2%	4%	13%	0%	17%	28%	1%	3%	34%	100%



Corn Shipments by Crop Reporting District (thousand bu.)

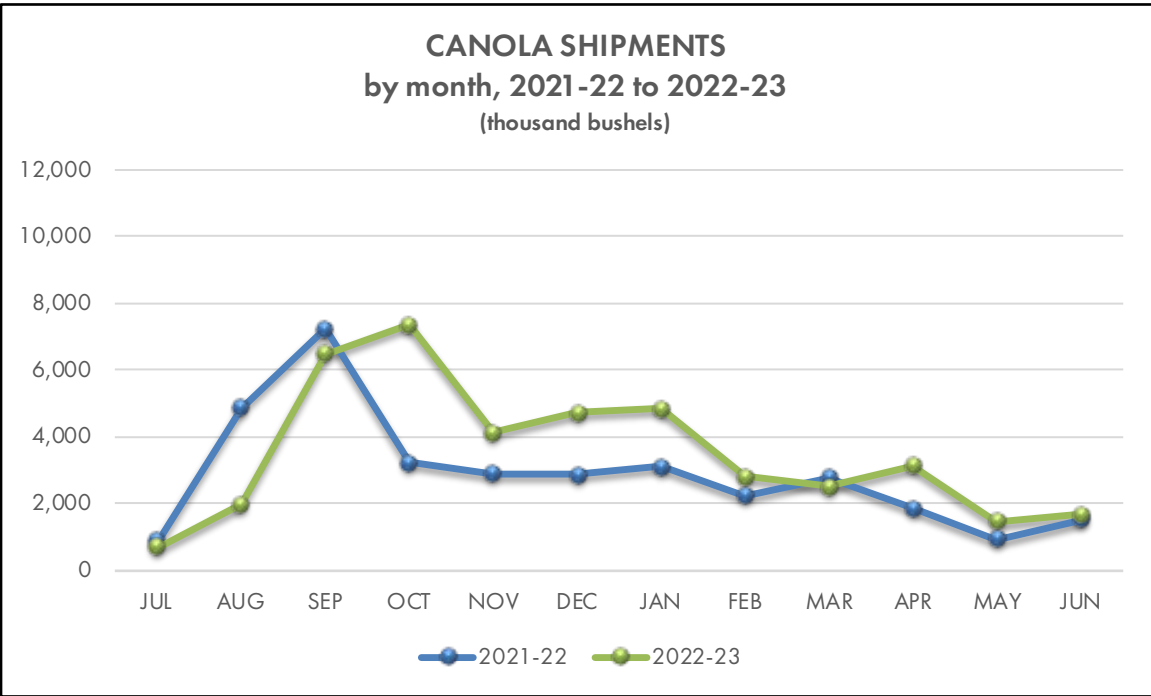
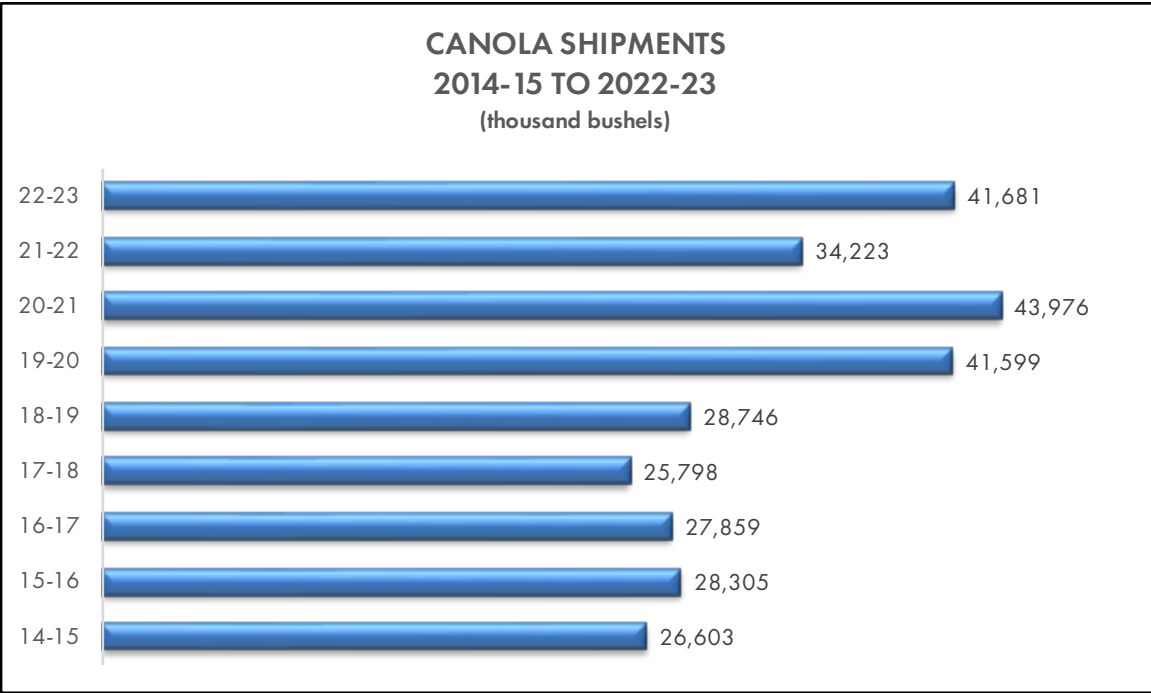




CANOLA SHIPMENTS

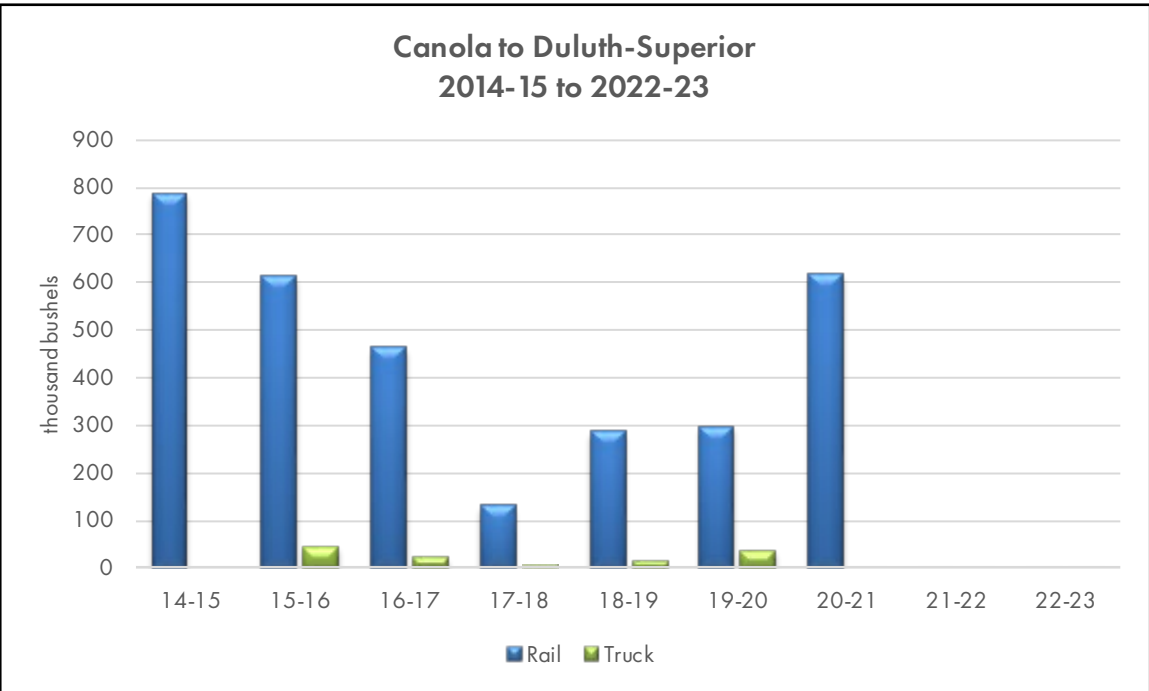
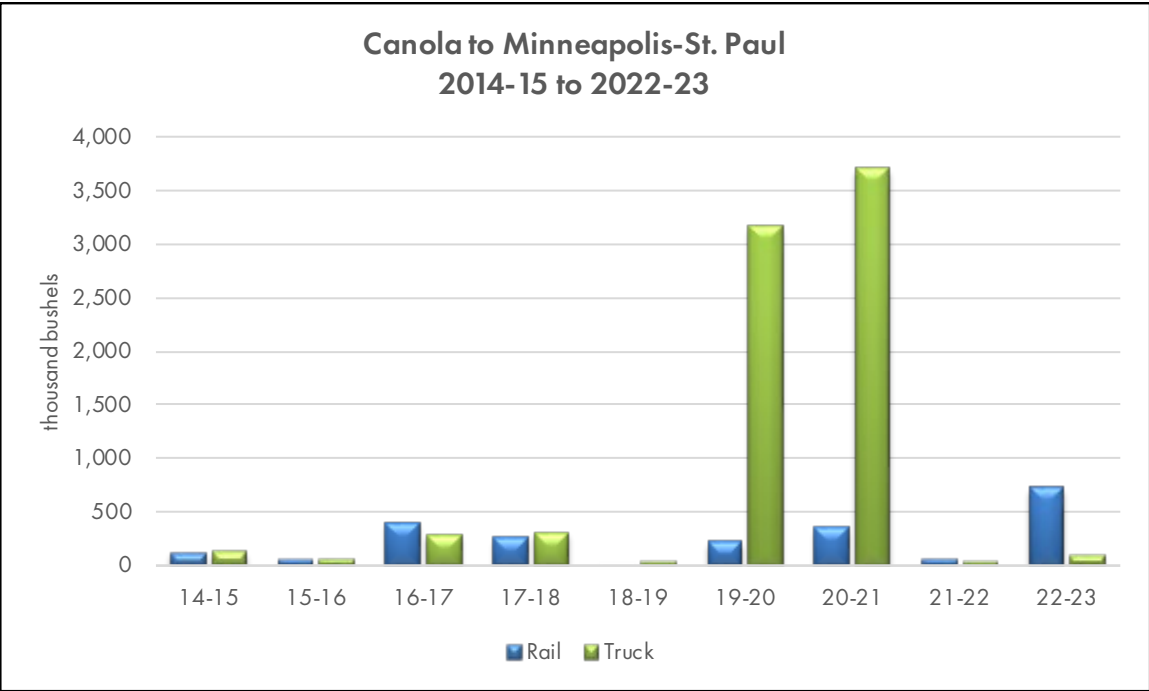
North Dakota Canola Shipments by Destination (thousand bu.)

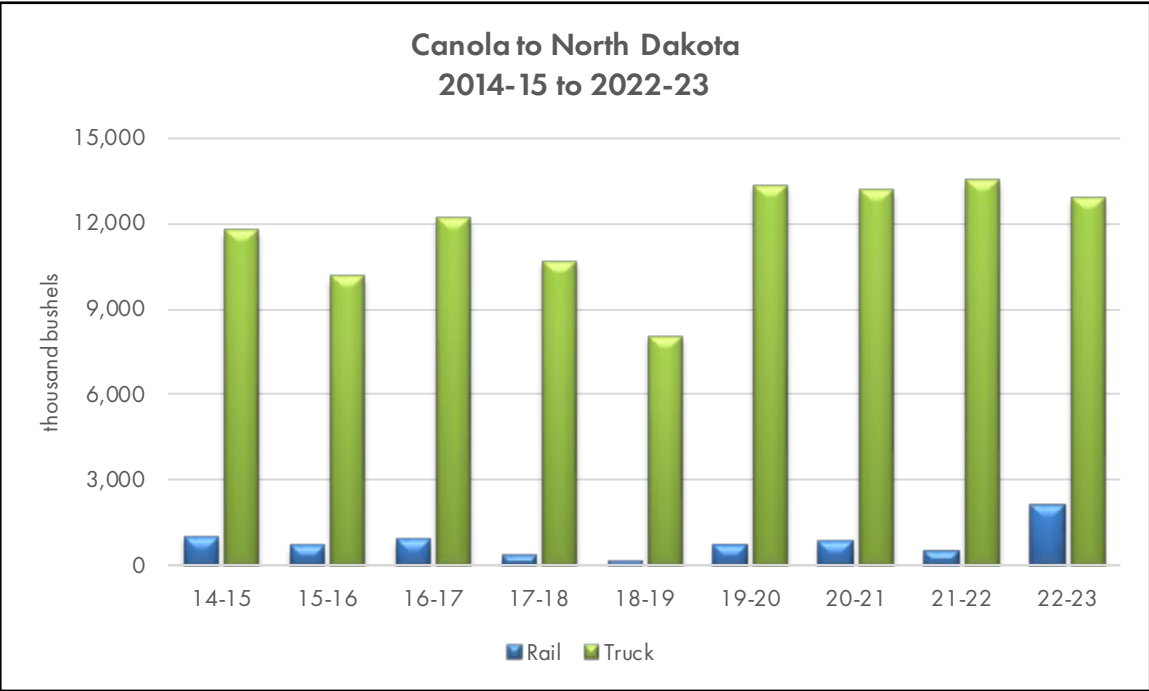
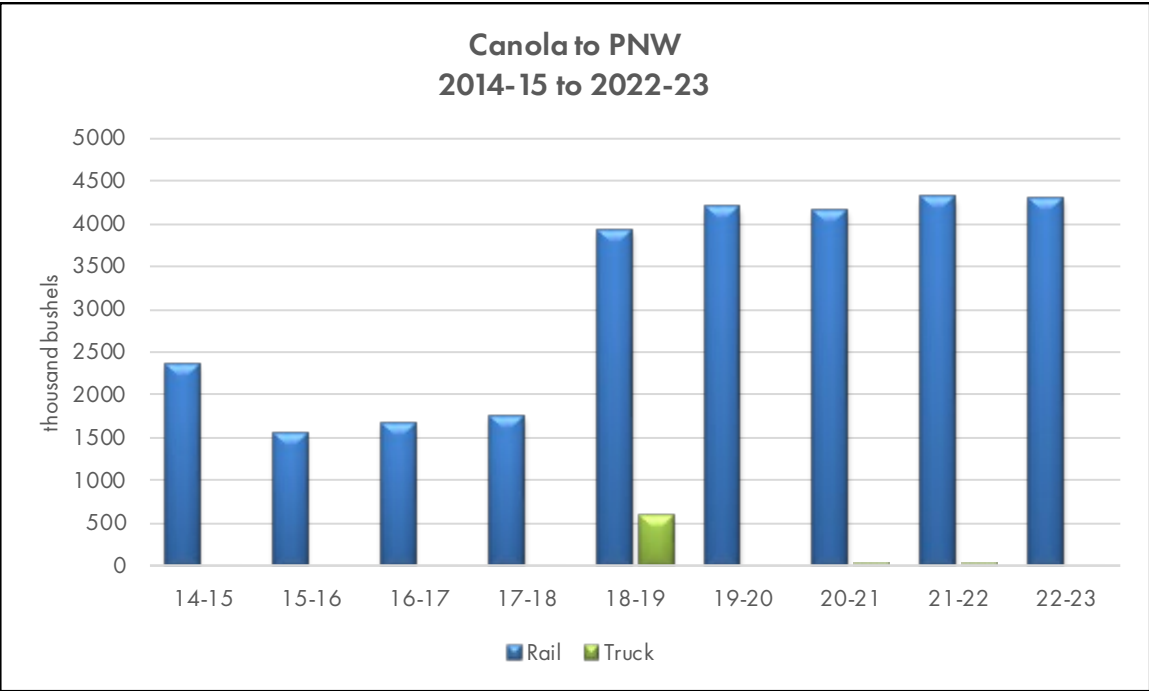
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	233	787	2,367	12,747	4,730	63	5,672	26,603
	1%	3%	9%	48%	18%	0%	21%	100%
2015-16	95	656	1,556	10,855	7,963	38	7,138	28,305
	0%	2%	5%	38%	28%	0%	25%	100%
2016-17	674	484	1,665	13,090	7,004	179	4,761	27,859
	2%	2%	6%	47%	25%	1%	17%	100%
2017-18	551	132	1,757	11,048	6,224	217	5,862	25,798
	2%	1%	7%	43%	24%	1%	23%	100%
2018-19	30	300	4,531	8,192	7,989	2	7,704	28,746
	0%	1%	16%	28%	28%	0%	27%	100%
2019-20	3,378	333	4,200	14,072	5,729	751	13,137	41,599
	8%	1%	10%	34%	14%	2%	32%	100%
2020-21	4,054	617	4,168	13,980	11,026	0	10,123	43,976
	9%	1%	9%	32%	25%	0%	23%	100%
2021-22	77	0	4,319	14,032	7,578	12	8,208	34,223
	0%	0%	13%	41%	22%	0%	24%	100%
2022-23	808	0	4,296	15,044	4,093	478	17,091	41,681
	2%	0%	10%	36%	10%	1%	41%	100%

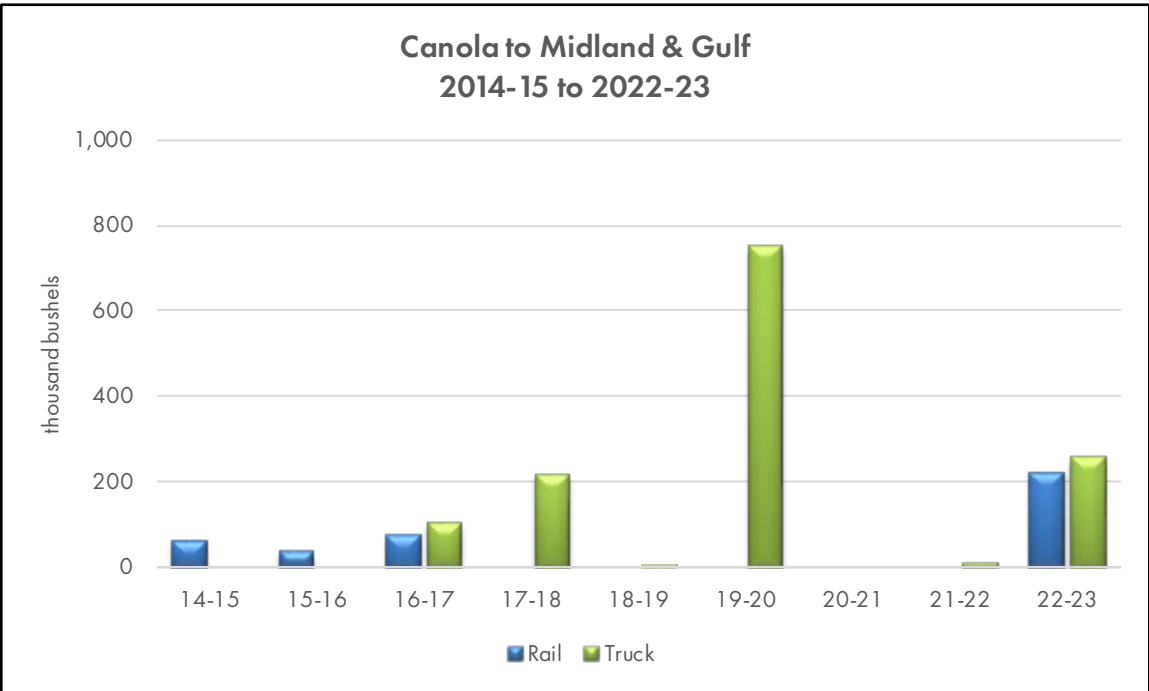
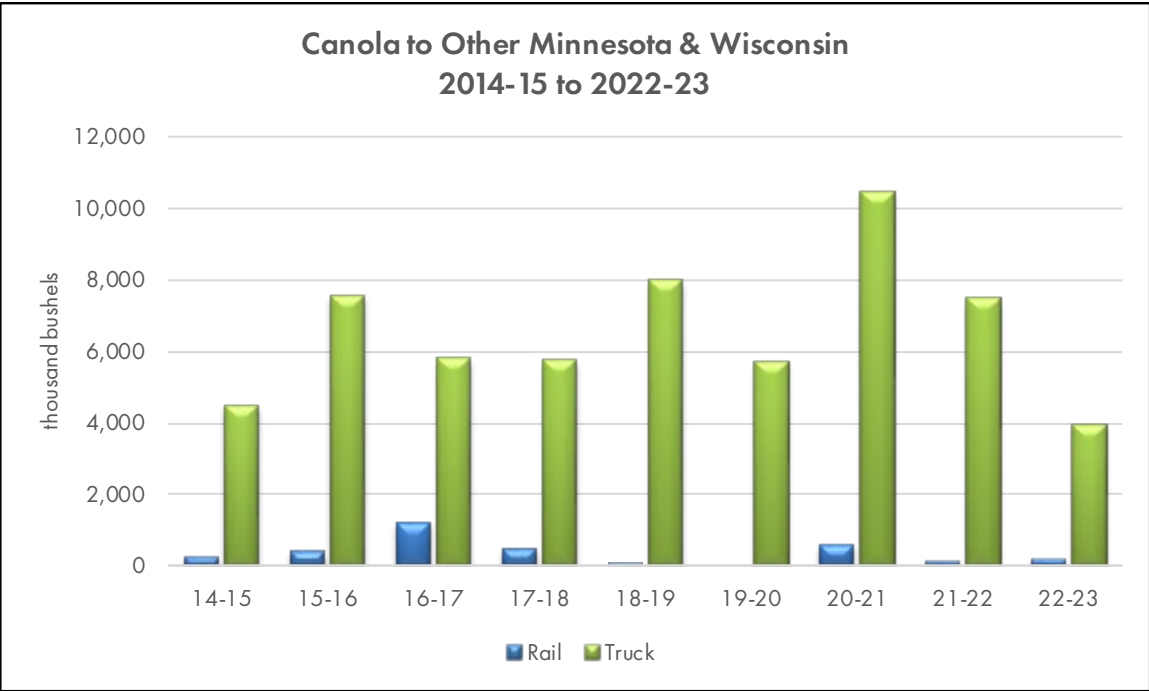


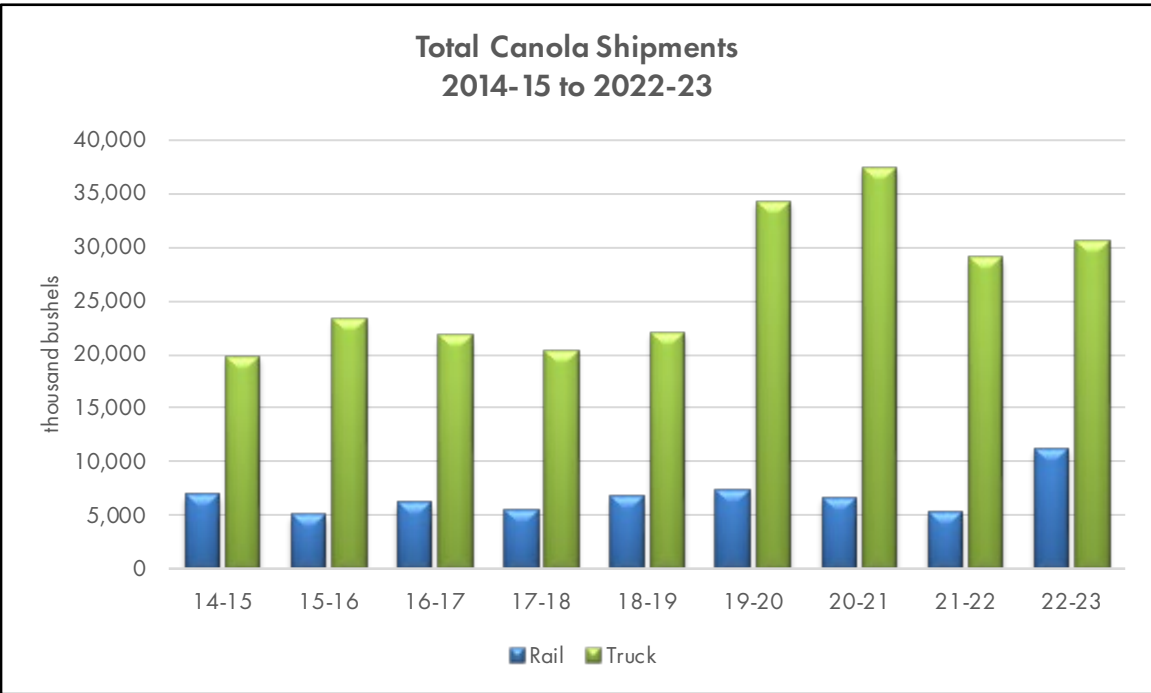
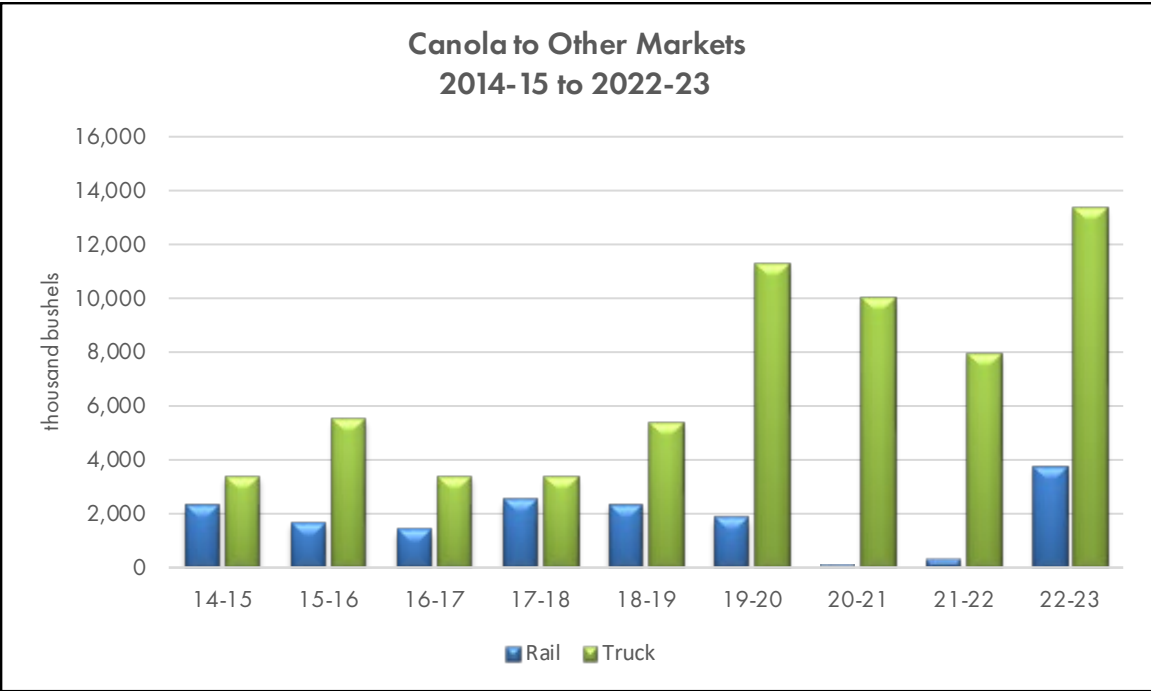
North Dakota Canola Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	110	123	787	0	2,367	0	1,005	11,742	234	4,496	63	0	2,298	3,374	6,862	19,741
	47%	53%	100%	0%	100%	0%	8%	92%	5%	95%	100%	0%	41%	59%	26%	74%
2015-16	46	49	612	44	1,556	0	706	10,149	394	7,569	38	0	1,641	5,497	4,993	23,312
	48%	52%	93%	7%	100%	0%	7%	93%	5%	95%	100%	0%	23%	77%	18%	82%
2016-17	396	278	462	22	1,665	0	927	12,163	1,201	5,803	75	104	1,398	3,363	6,124	21,735
	59%	41%	95%	5%	100%	0%	7%	93%	17%	83%	42%	58%	29%	71%	22%	78%
2017-18	249	302	131	1	1,757	0	374	10,674	487	5,737	0	217	2,495	3,367	5,494	20,304
	45%	55%	99%	1%	100%	0%	3%	97%	8%	92%	0%	100%	43%	57%	21%	79%
2018-19	0	30	286	14	3,932	599	181	8,011	11	7,978	0	2	2,332	5,372	6,742	22,004
	0%	100%	95%	5%	87%	13%	2%	98%	0%	100%	0%	100%	30%	70%	23%	77%
2019-20	215	3,163	296	37	4,200	0	751	13,321	0	5,729	0	751	1,852	11,285	7,313	34,286
	6%	94%	89%	11%	100%	0%	5%	95%	0%	100%	0%	100%	14%	86%	18%	82%
2020-21	349	3,705	617	0	4,158	10	850	13,130	575	10,451	0	0	80	10,043	6,628	37,348
	9%	91%	100%	0%	100%	0%	6%	94%	5%	95%	0%	0%	1%	99%	15%	85%
2021-22	48	29	0	0	4,308	11	535	13,497	99	7,479	0	12	270	7,938	5,260	28,963
	62%	38%	0%	0%	100%	0%	4%	96%	1%	99%	0%	100%	3%	97%	15%	85%
2022-23	723	85	0	0	4,296	0	2,134	12,910	162	3,931	220	257	3,736	13,355	11,272	30,410
	89%	11%	0%	0%	100%	0%	14%	86%	4%	96%	46%	54%	22%	78%	27%	73%



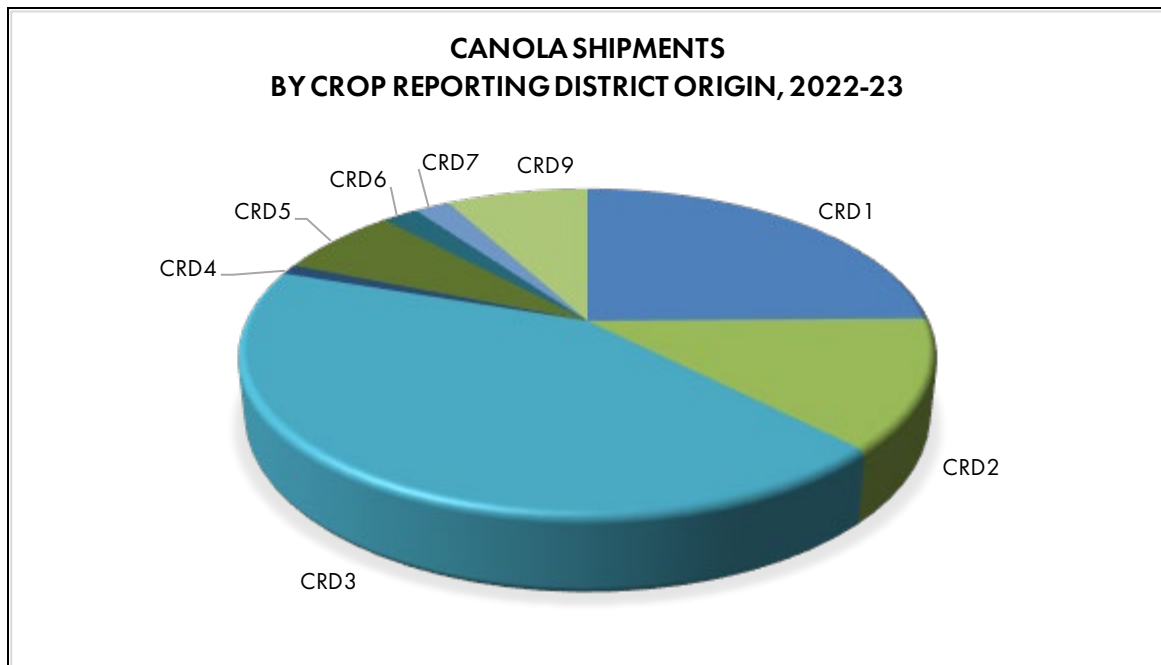




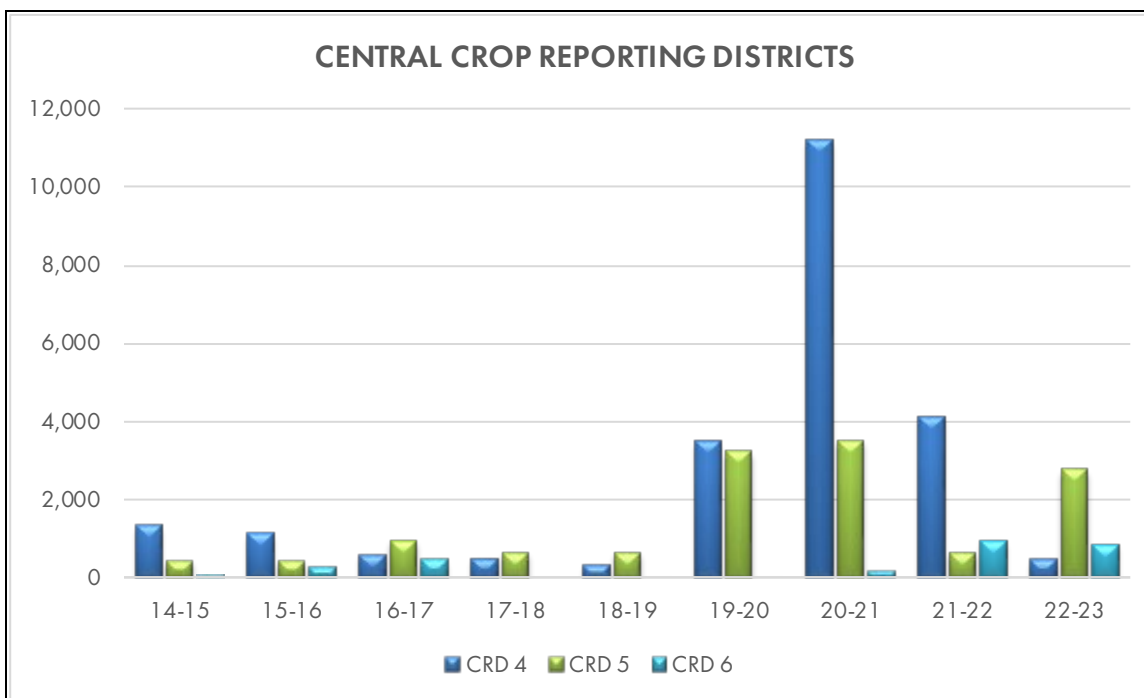
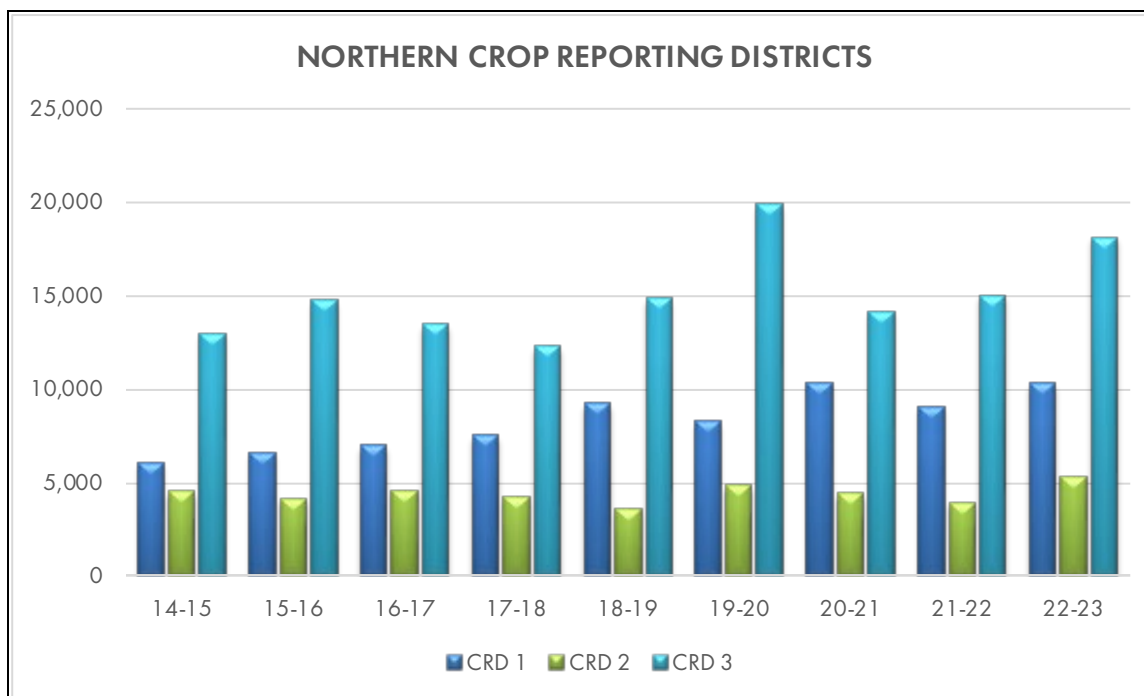


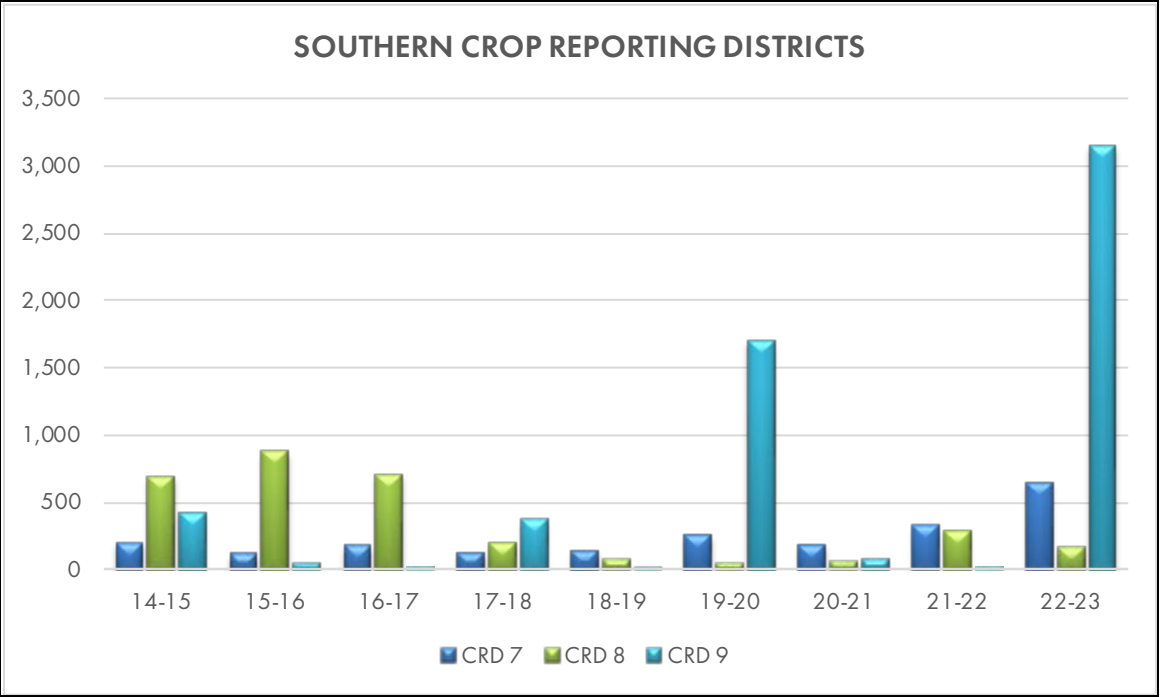
North Dakota Canola Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	6,020	4,514	12,992	1,326	432	6	198	692	423	26,603
	23%	17%	49%	5%	2%	0%	1%	3%	2%	100%
2015-16	6,584	4,122	14,742	1,118	431	267	119	878	44	28,305
	23%	15%	52%	4%	2%	1%	0%	3%	0%	100%
2016-17	6,924	4,546	13,481	584	959	467	181	703	14	27,859
	25%	16%	48%	2%	3%	2%	1%	3%	0%	100%
2017-18	7,496	4,178	12,289	492	638	0	131	205	369	25,798
	29%	16%	48%	2%	2%	0%	1%	1%	1%	100%
2018-19	9,186	3,534	14,835	327	640	0	145	75	4	28,746
	32%	12%	52%	1%	2%	0%	1%	0%	0%	100%
2019-20	8,214	4,818	19,883	3,467	3,212	0	261	49	1,695	41,599
	20%	12%	48%	8%	8%	0%	1%	0%	4%	100%
2020-21	10,307	4,377	14,139	11,177	3,488	160	187	62	79	43,976
	23%	10%	32%	25%	8%	0%	0%	0%	0%	100%
2021-22	9,024	3,885	14,998	4,101	641	957	326	289	2	34,223
	26%	11%	44%	12%	2%	3%	1%	1%	0%	100%
2022-23	10,252	5,302	18,100	456	2,754	855	647	166	3,149	41,681
	25%	13%	43%	1%	7%	2%	2%	0%	8%	100%



Canola Shipments by Crop Reporting District (thousand bu.)



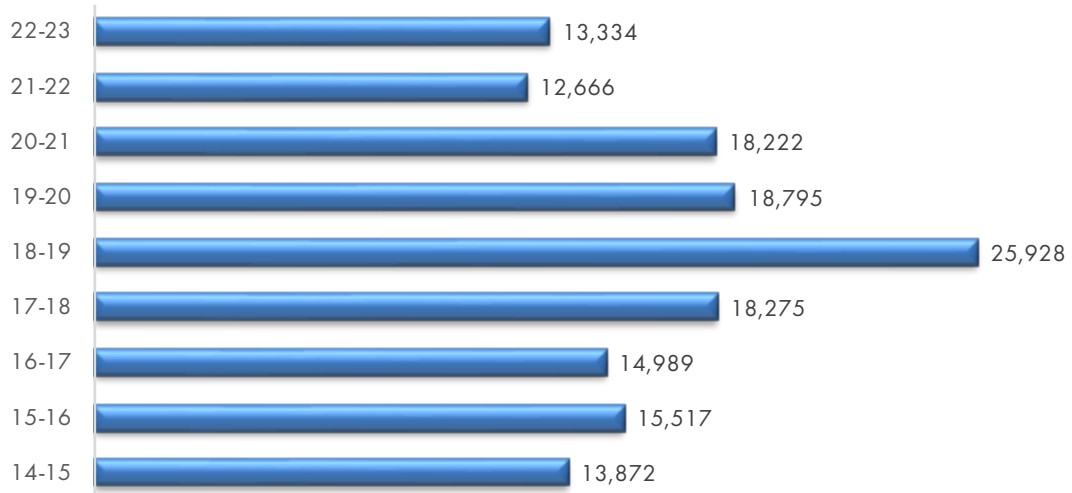


DRY EDIBLE BEAN (DEB) SHIPMENTS

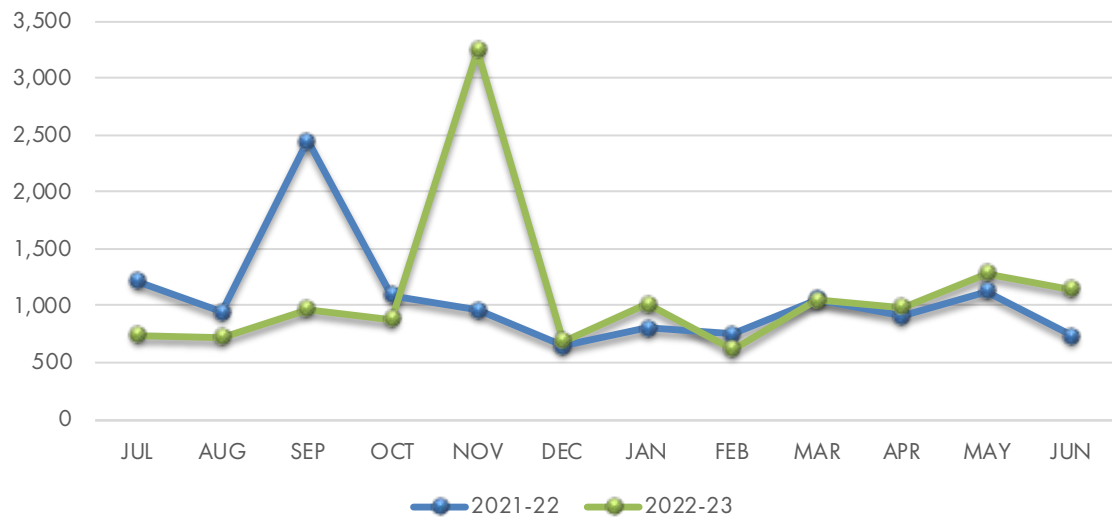
NORTH DAKOTA DEB SHIPMENTS BY DESTINATION (thousand bu.)

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	54	0	254	962	1,460	4,842	6,295	13,872
	0%	0%	2%	7%	11%	35%	45%	100%
2015-16	20	0	317	854	1,574	5,692	7,052	15,517
	0%	0%	2%	6%	10%	37%	45%	100%
2016-17	450	0	324	1,096	1,730	5,282	6,122	14,989
	3%	0%	2%	7%	12%	35%	41%	100%
2017-18	450	1	336	1,372	2,242	6,410	7,464	18,275
	2%	0%	2%	8%	12%	35%	41%	100%
2018-19	340	0	535	845	1,664	6,552	16,002	25,928
	1%	0%	2%	3%	6%	25%	62%	100%
2019-20	326	0	232	1,242	1,739	6,642	8,615	18,795
	2%	0%	1%	7%	9%	35%	46%	100%
2020-21	283	5	681	1,553	1,140	5,791	8,765	18,222
	2%	0%	4%	9%	6%	32%	48%	100%
2021-22	334	4	1,644	1,453	739	4,256	4,234	12,666
	3%	0%	13%	11%	6%	34%	33%	100%
2022-23	251	0	2,545	1,067	1,412	2,905	5,154	13,334
	2%	0%	19%	8%	11%	22%	39%	100%

DEB SHIPMENTS
2014-15 TO 2022-23
(thousand bushels)

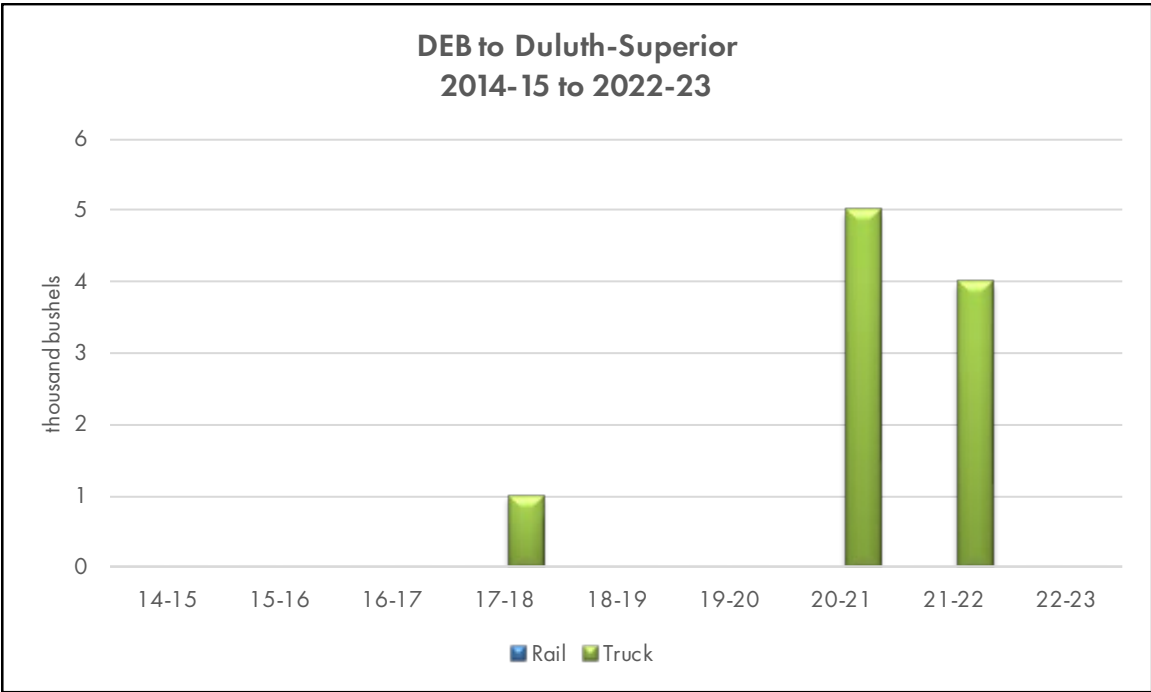
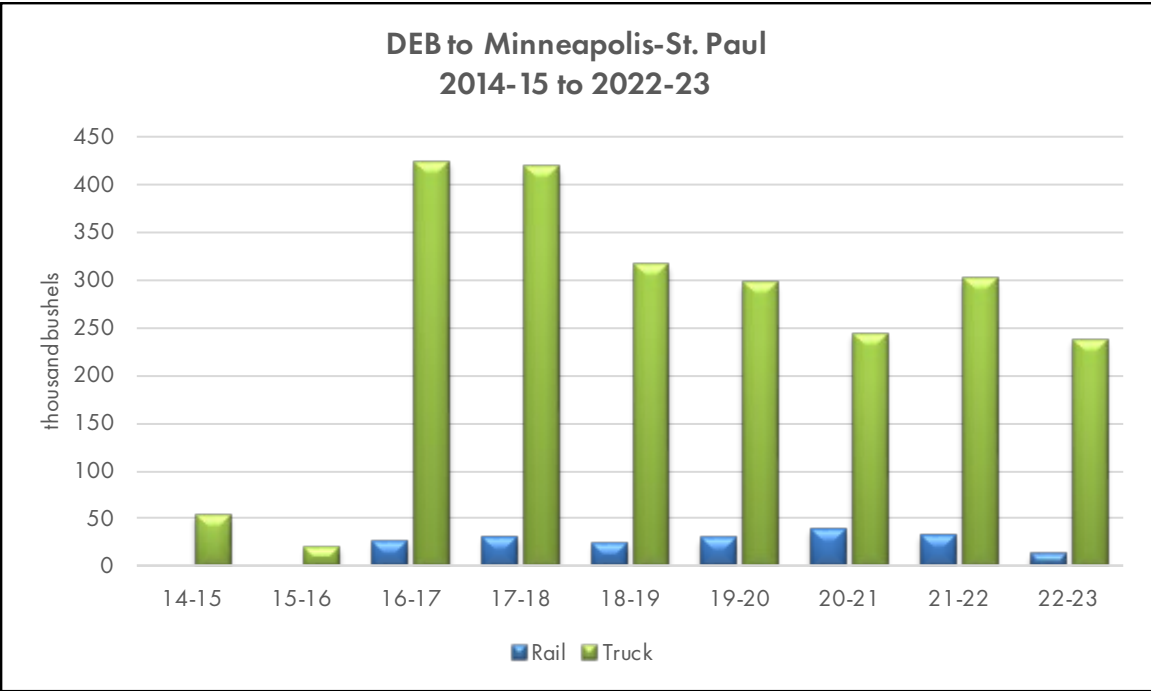


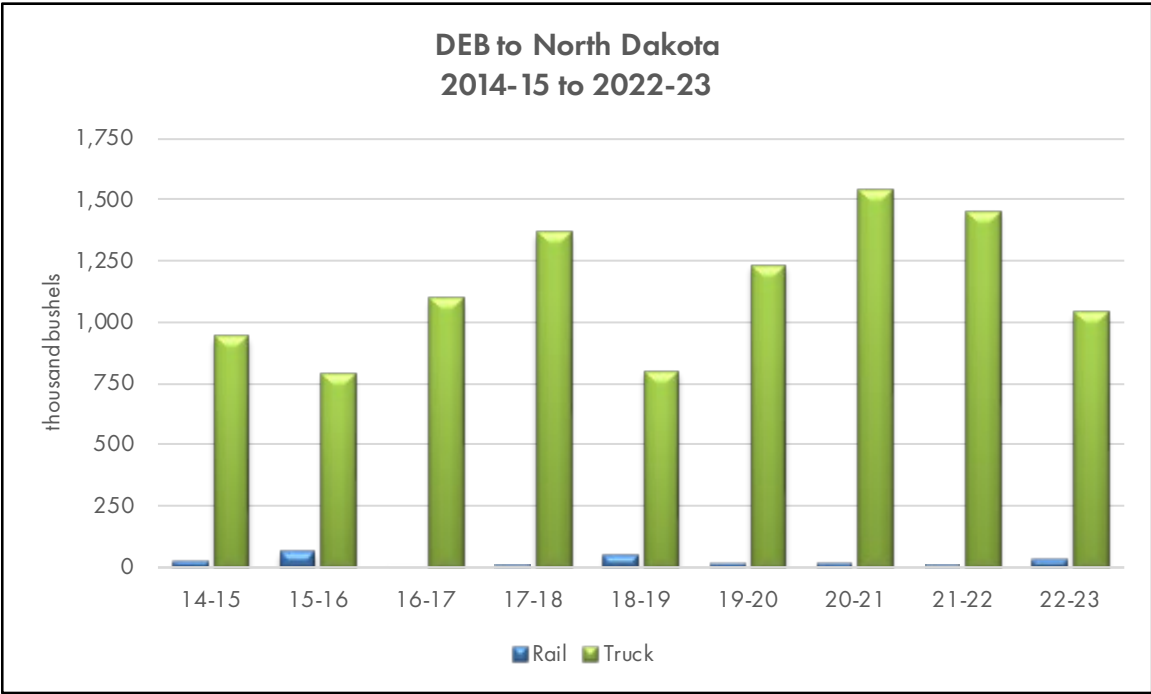
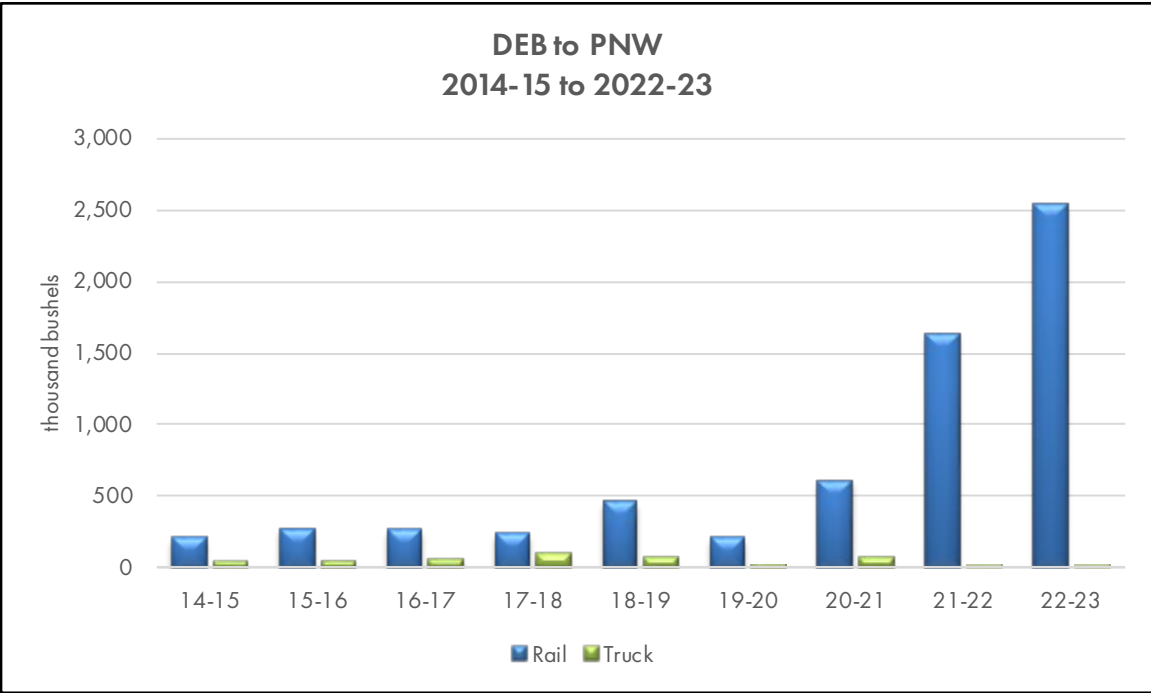
DEB SHIPMENTS
by month, 2021-22 to 2022-23
(thousand bushels)

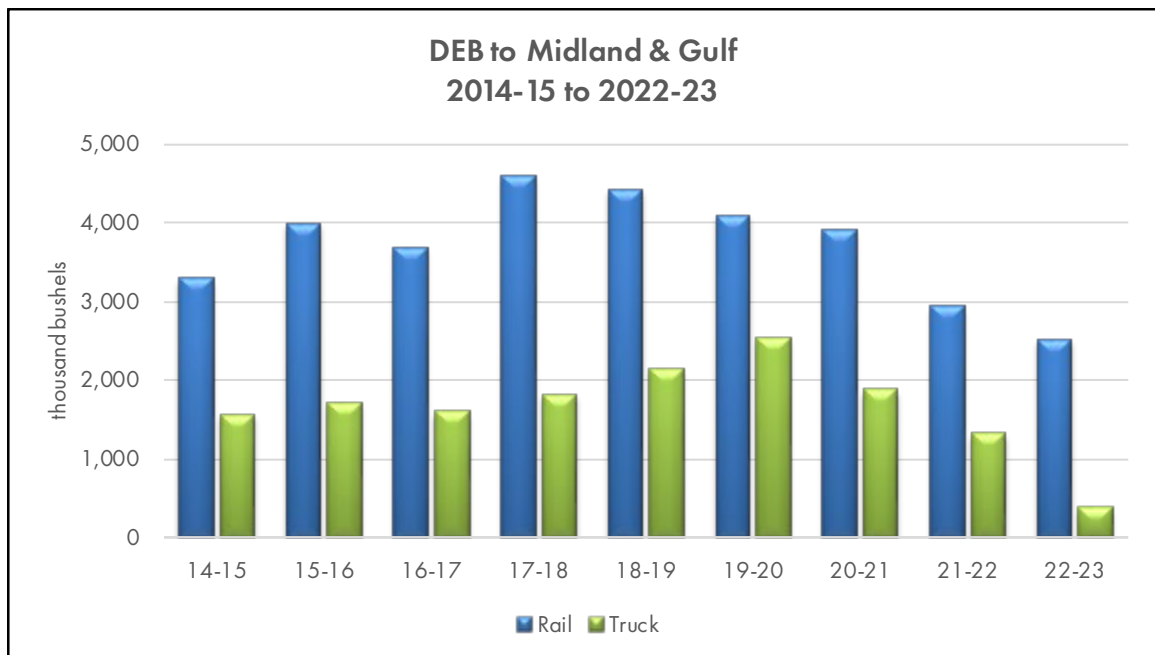
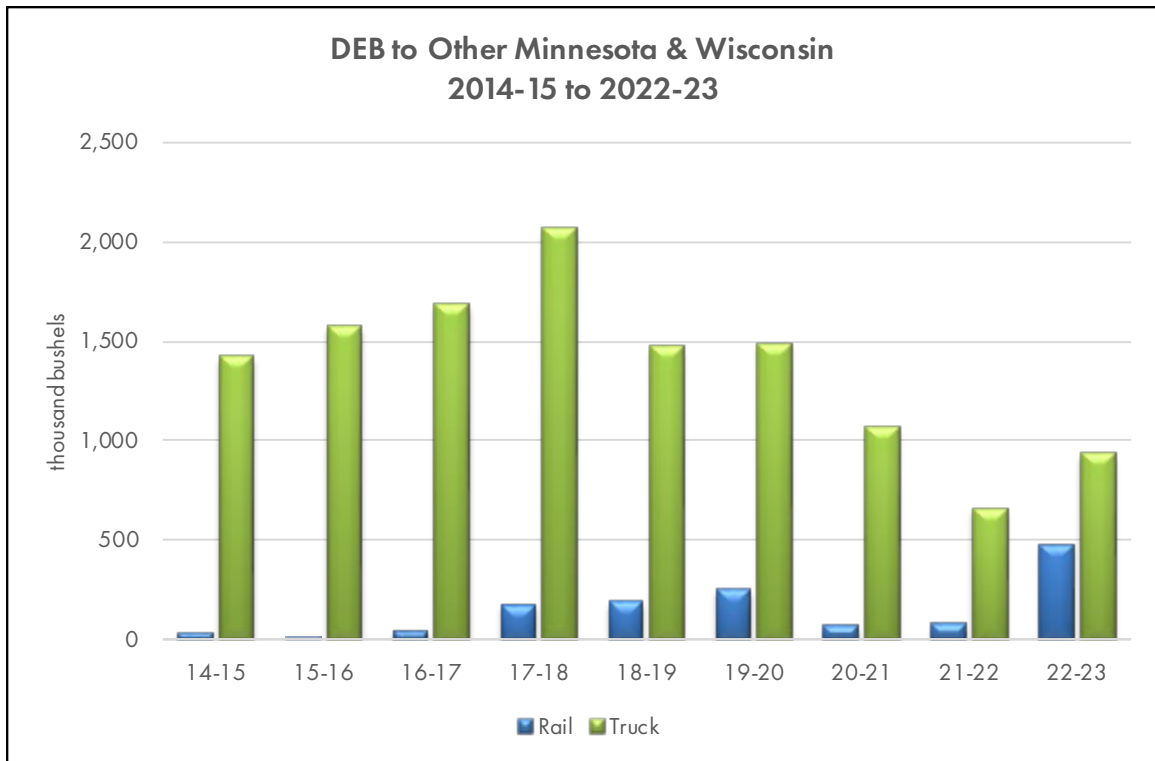


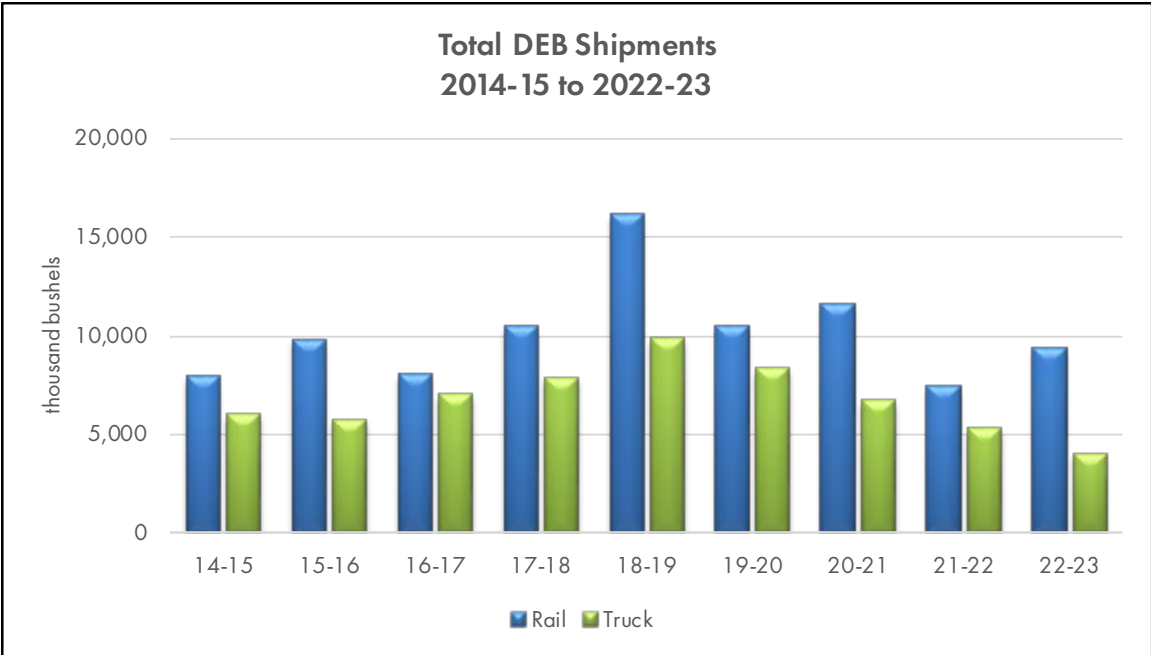
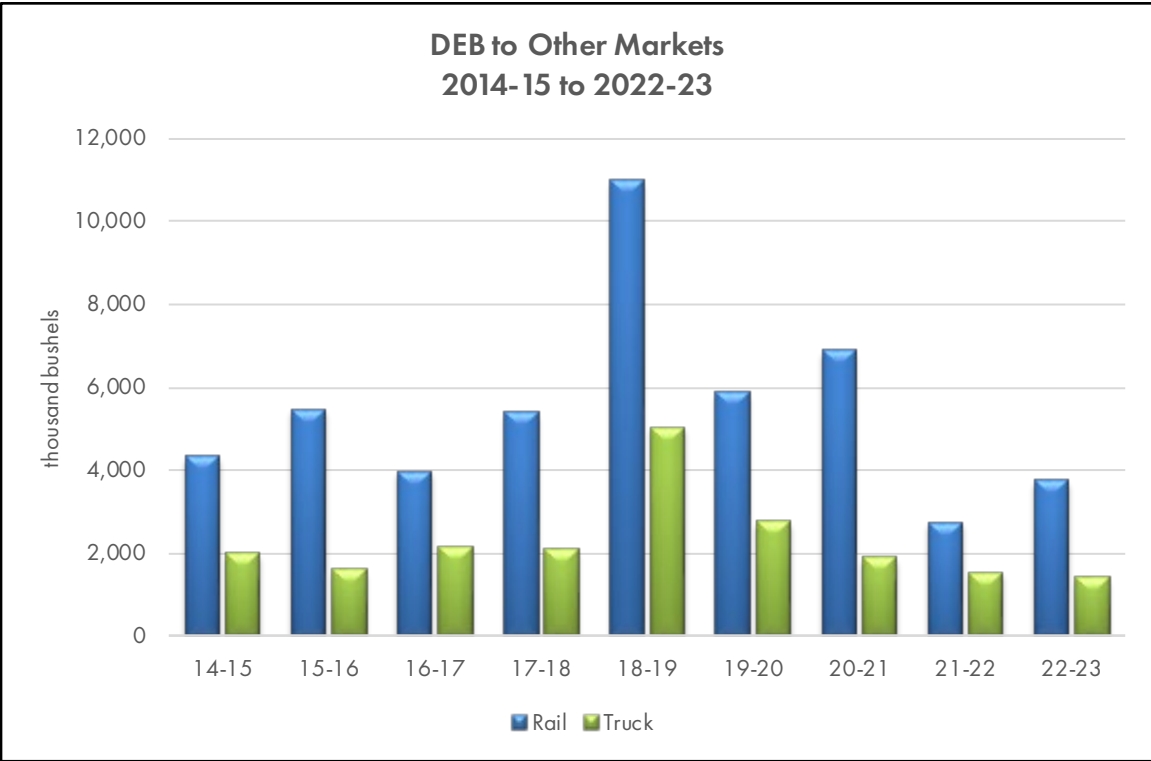
North Dakota DEB Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	0	54	0	0	212	42	21	941	37	1,423	3,285	1,557	4,324	1,971	7,881	5,991
	0%	100%	0%	0%	83%	17%	2%	98%	3%	97%	68%	32%	69%	31%	57%	43%
2015-16	0	20	0	0	270	47	63	791	3	1,571	3,983	1,709	5,466	1,586	9,792	5,725
	0%	100%	0%	0%	85%	15%	7%	93%	0%	100%	70%	30%	78%	22%	63%	37%
2016-17	26	424	0	0	263	61	0	1,096	48	1,682	3,686	1,596	3,966	2,156	7,985	7,004
	6%	94%	0%	0%	81%	19%	0%	100%	3%	97%	70%	30%	65%	35%	53%	47%
2017-18	31	419	0	1	238	98	7	1,365	174	2,068	4,598	1,812	5,394	2,070	10,435	7,840
	7%	93%	0%	100%	71%	29%	1%	99%	8%	92%	72%	28%	72%	28%	57%	43%
2018-19	24	316	0	0	460	75	49	796	191	1,473	4,416	2,136	10,974	5,028	16,111	9,817
	7%	93%	0%	0%	86%	14%	6%	94%	11%	89%	67%	33%	69%	31%	62%	38%
2019-20	29	297	0	0	211	21	13	1,229	250	1,489	4,091	2,551	5,880	2,735	10,478	8,317
	9%	91%	0%	0%	91%	9%	1%	99%	14%	86%	62%	38%	68%	32%	56%	44%
2020-21	39	244	0	5	609	72	16	1,537	70	1,070	3,912	1,879	6,889	1,876	11,538	6,684
	14%	86%	0%	100%	89%	11%	1%	99%	6%	94%	68%	32%	79%	21%	63%	37%
2021-22	33	301	0	4	1,638	6	3	1,450	80	659	2,937	1,319	2,720	1,514	7,412	5,254
	10%	90%	0%	100%	100%	0%	0%	100%	11%	89%	69%	31%	64%	36%	59%	41%
2022-23	13	238	0	0	2,534	11	28	1,039	479	933	2,518	387	3,746	1,408	9,318	4,016
	5%	95%	0%	0%	100%	0%	3%	97%	34%	66%	87%	13%	73%	27%	70%	30%



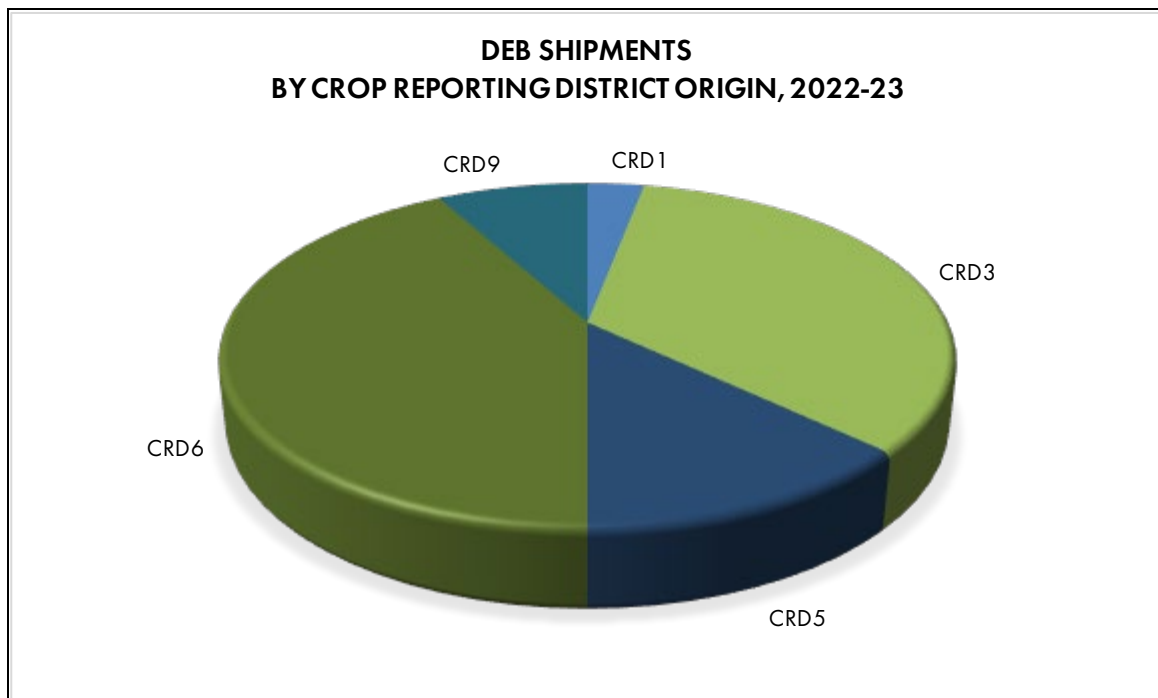




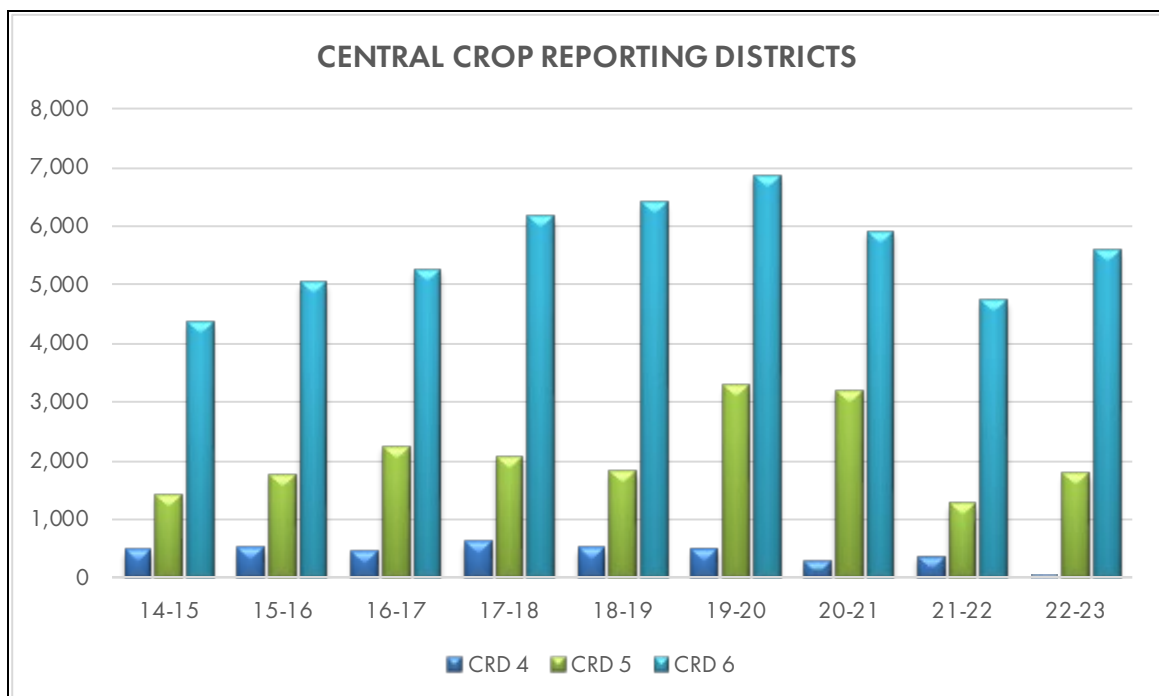
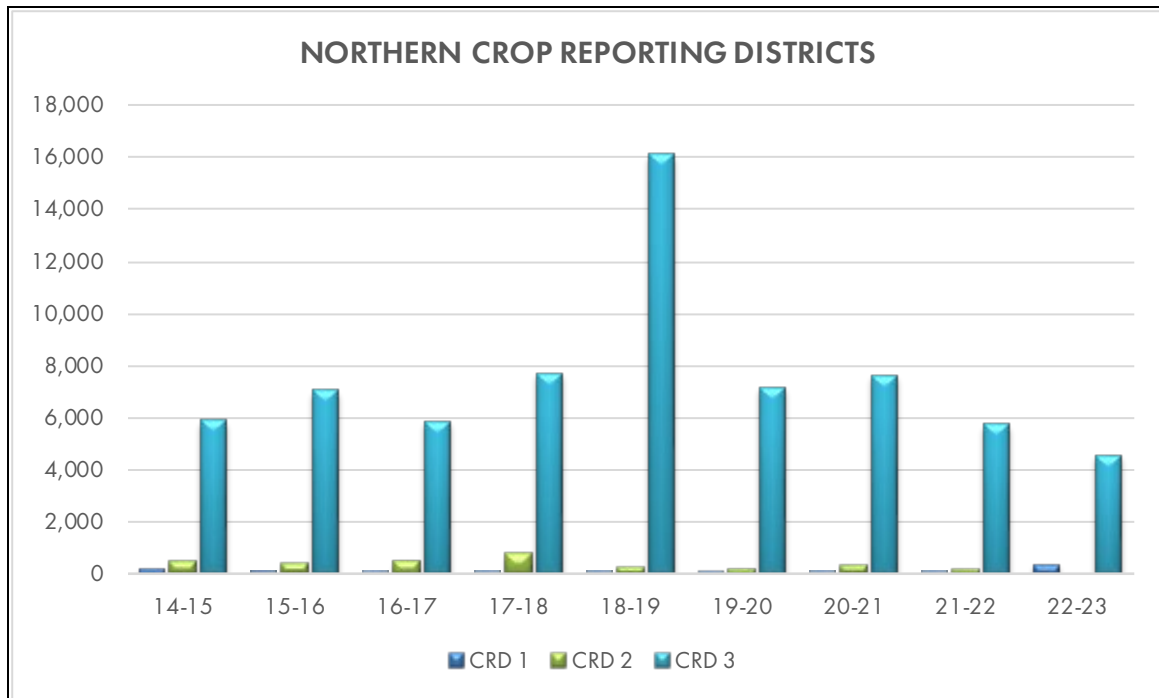


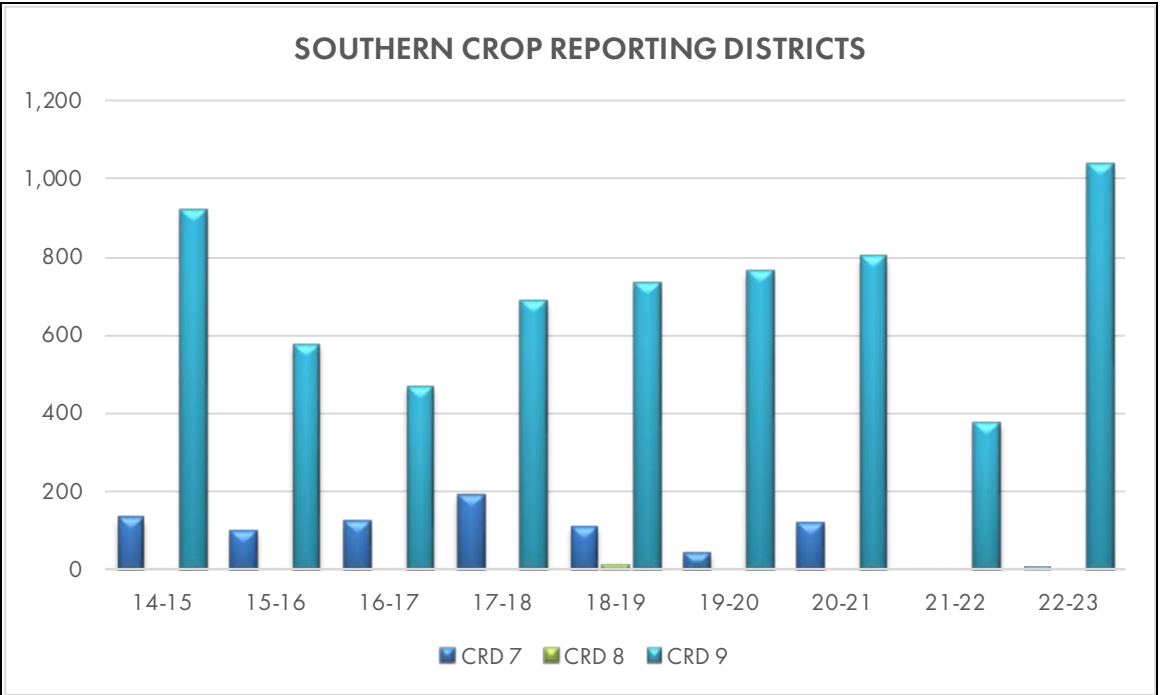
North Dakota DEB Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	192	463	5,920	483	1,402	4,360	133		919	13,872
	1%	3%	43%	3%	10%	31%	1%		7%	100%
2015-16	93	374	7,065	510	1,761	5,039	101		574	15,517
	1%	2%	46%	3%	11%	32%	1%		4%	100%
2016-17	81	523	5,848	455	2,233	5,259	123		467	14,989
	1%	3%	39%	3%	15%	35%	1%		3%	100%
2017-18	59	777	7,716	614	2,064	6,166	191		688	18,275
	0%	4%	42%	3%	11%	34%	1%		4%	100%
2018-19	4	250	16,099	510	1,810	6,400	110	14	731	25,928
	0%	1%	62%	2%	7%	25%	0%	0%	3%	100%
2019-20	8	195	7,157	496	3,274	6,856	45	0	764	18,795
	0%	1%	38%	3%	17%	36%	0%	0%	4%	100%
2020-21	1	299	7,621	288	3,187	5,905	120	0	801	18,222
	0%	2%	42%	2%	17%	32%	1%	0%	4%	100%
2021-22	11	164	5,766	367	1,257	4,725	0	0	376	12,666
	0%	1%	46%	3%	10%	37%	0%	0%	3%	100%
2022-23	361	0	4,570	8	1,770	5,581	3	0	1,040	13,334
	3%	0%	34%	0%	13%	42%	0%	0%	8%	100%



DEB Shipments by Crop Reporting District (thousand bu.)

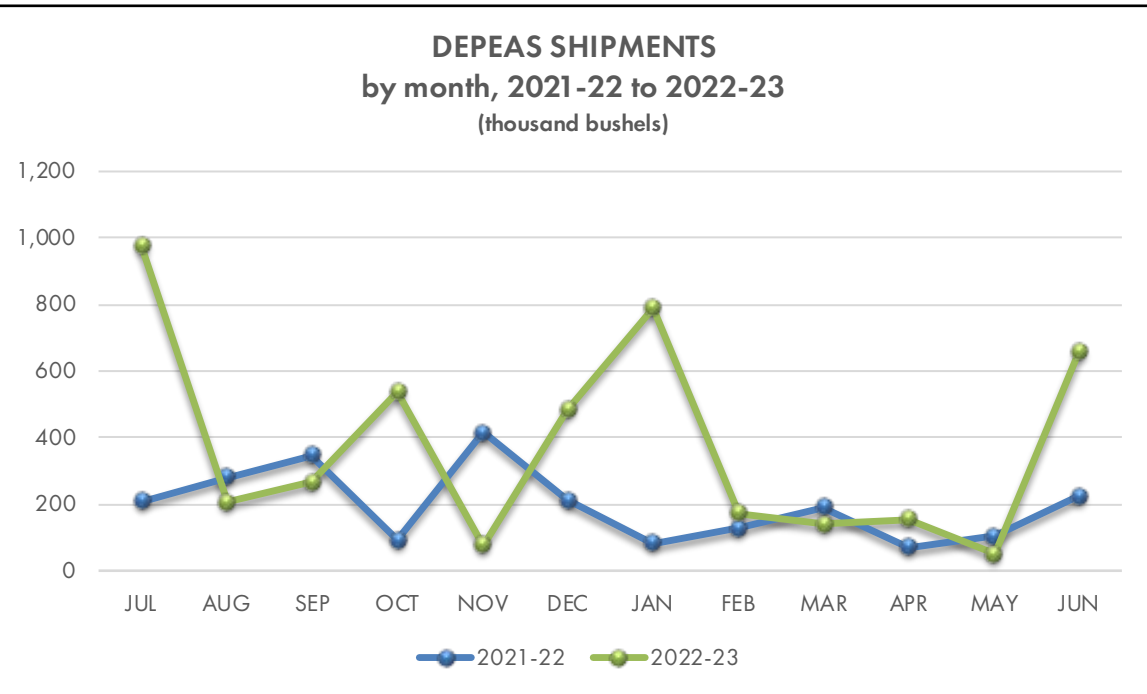
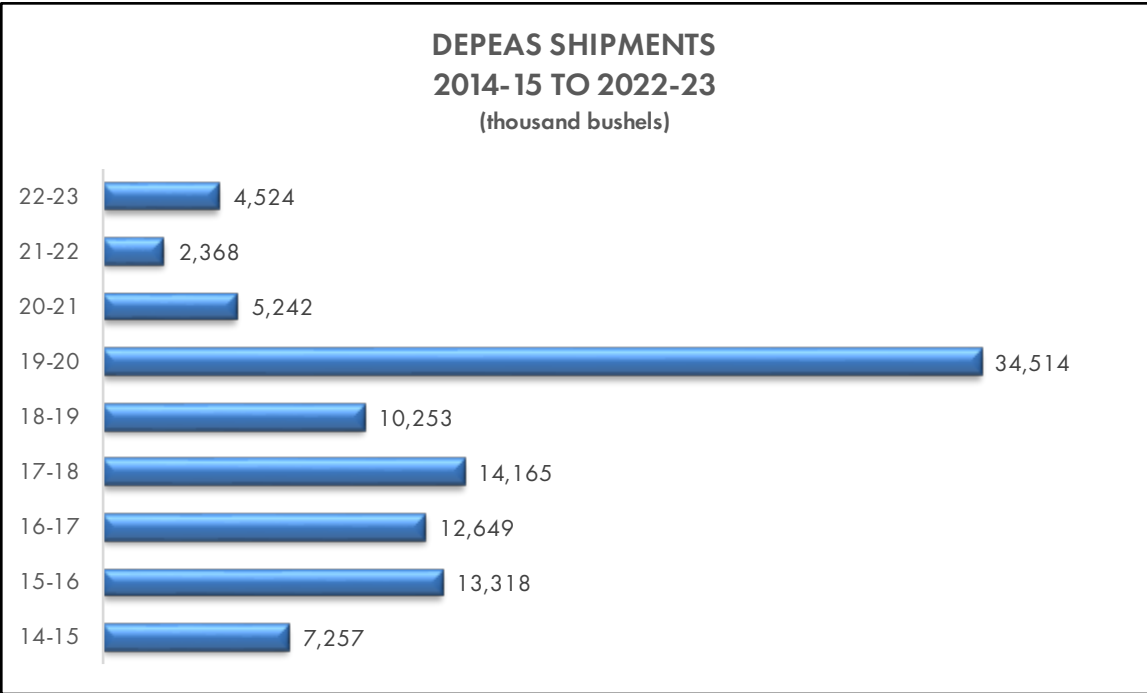




DRY EDIBLE PEA (DEPEAS) SHIPMENTS

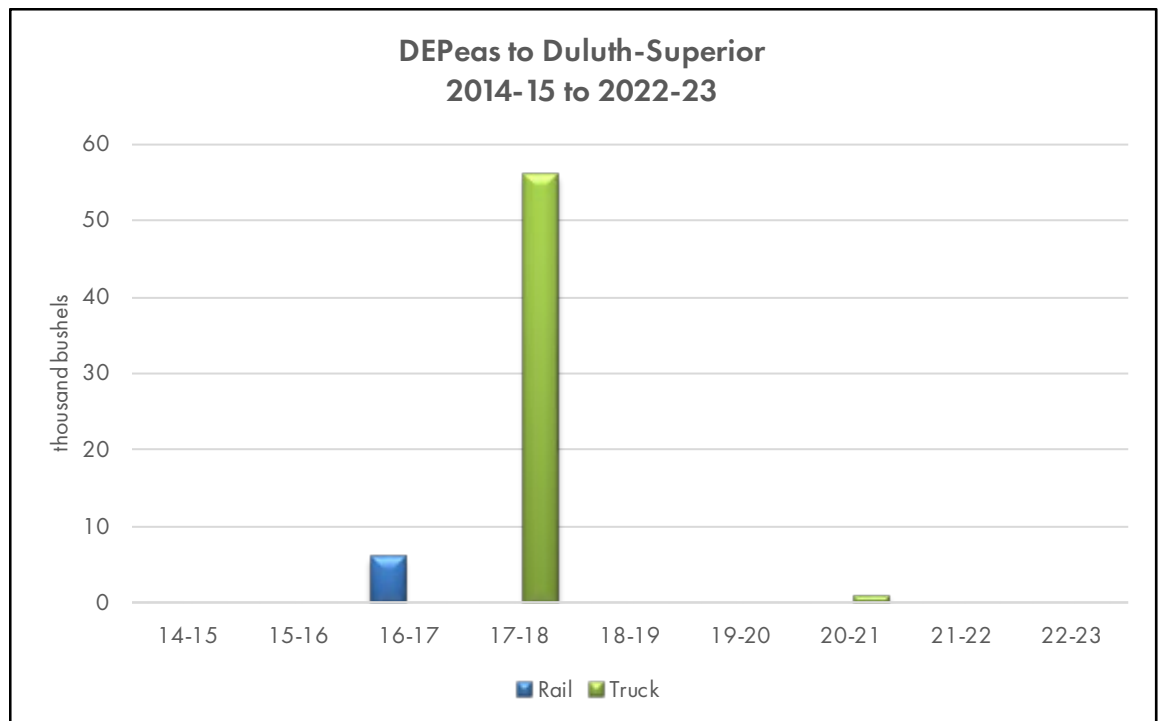
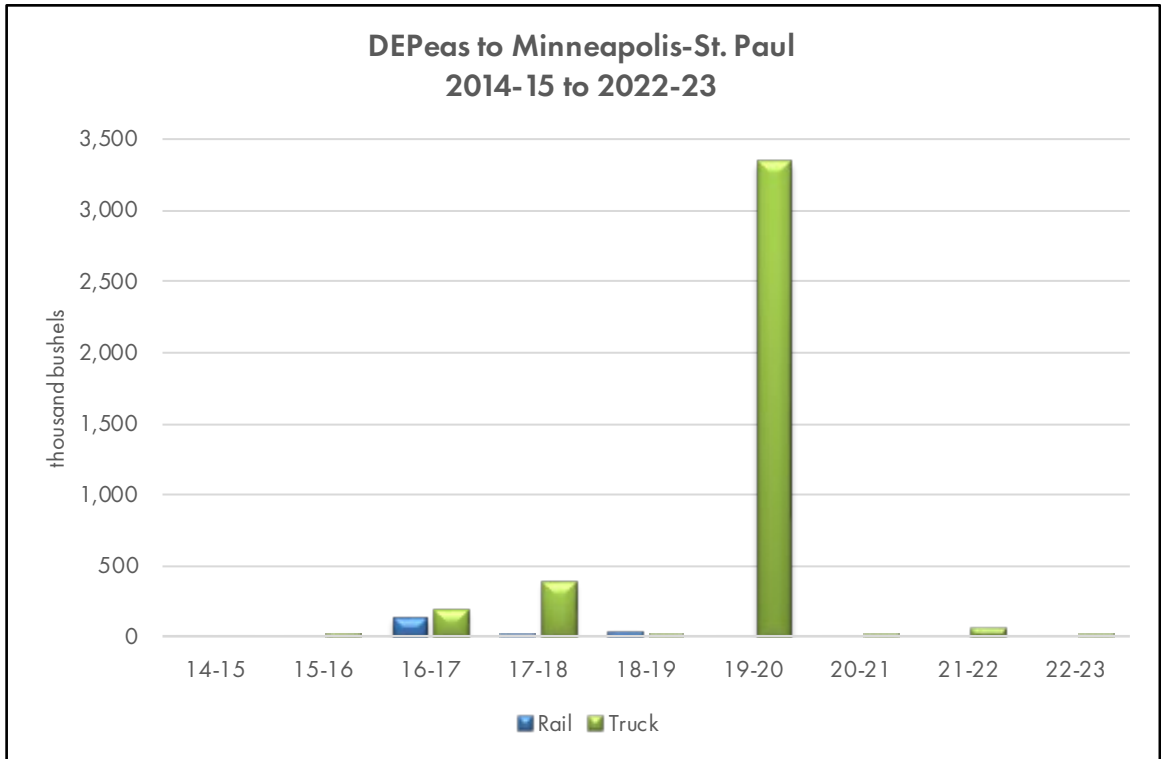
North Dakota DEPeas Shipments by Destination (thousand bu.)

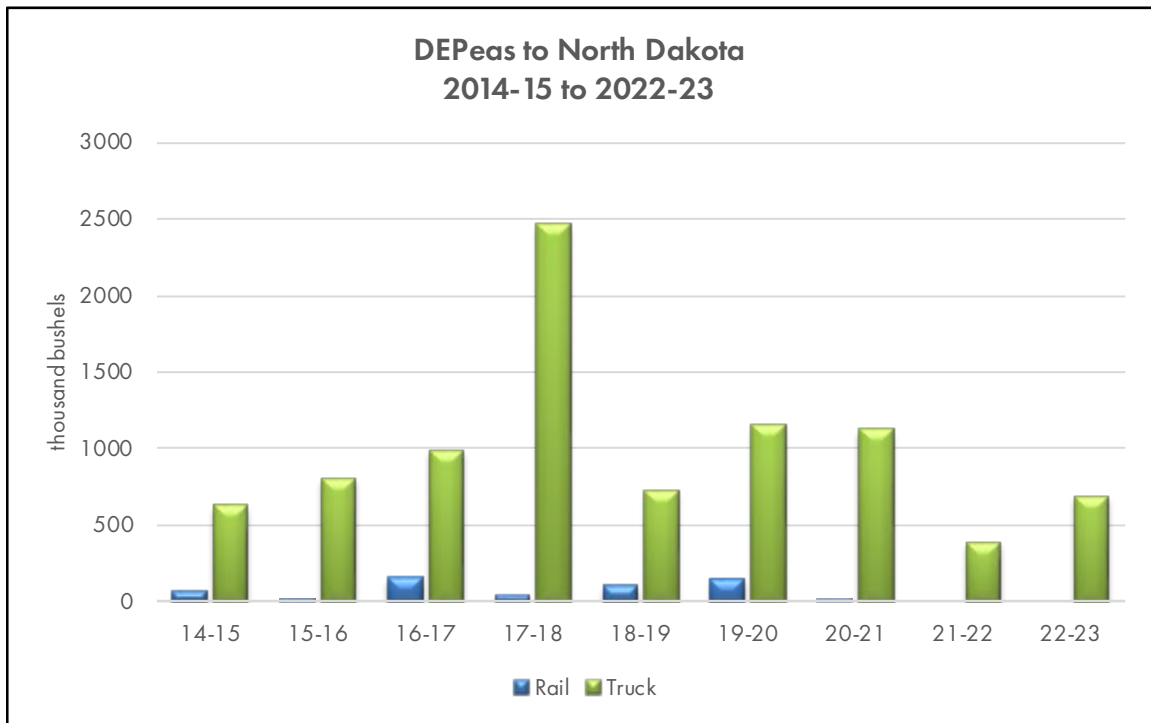
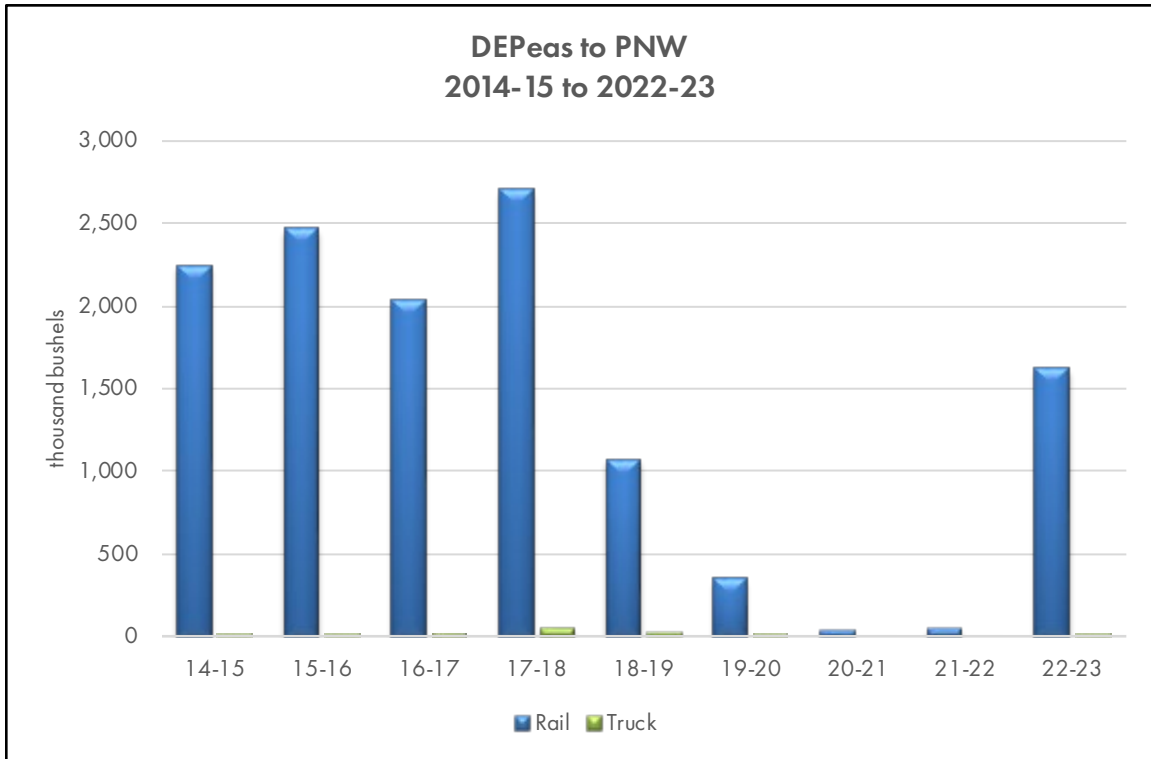
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2014-15	0	0	2,244	693	283	2,354	1,682	7,257
	0%	0%	31%	10%	4%	32%	23%	100%
2015-16	20	0	2,463	815	600	5,301	4,122	13,318
	0%	0%	18%	6%	5%	40%	31%	100%
2016-17	330	6	2,046	1,138	492	5,031	3,604	12,649
	3%	0%	16%	9%	4%	40%	28%	100%
2017-18	388	56	2,750	2,501	1,121	4,183	3,167	14,165
	3%	0%	19%	18%	8%	30%	22%	100%
2018-19	43	0	1,085	824	672	4,324	3,306	10,253
	0%	0%	11%	8%	7%	42%	32%	100%
2019-20	3,346	0	356	1,303	10,371	16,146	2,999	34,514
	10%	0%	1%	4%	30%	47%	9%	100%
2020-21	2	1	33	1,131	382	1,429	2,267	5,242
	0%	0%	1%	22%	7%	27%	43%	100%
2021-22	58	0	45	383	267	853	766	2,368
	2%	0%	2%	16%	11%	36%	32%	100%
2022-23	14	0	1,617	687	248	1,177	782	4,524
	0%	0%	36%	15%	5%	26%	17%	100%

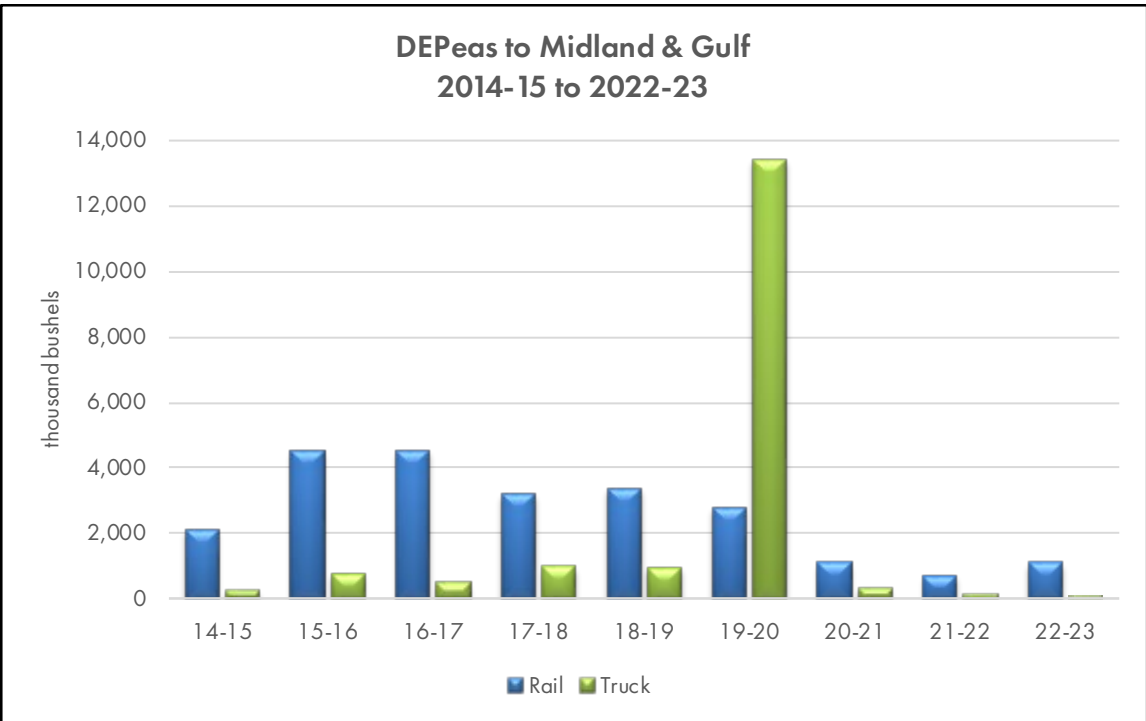
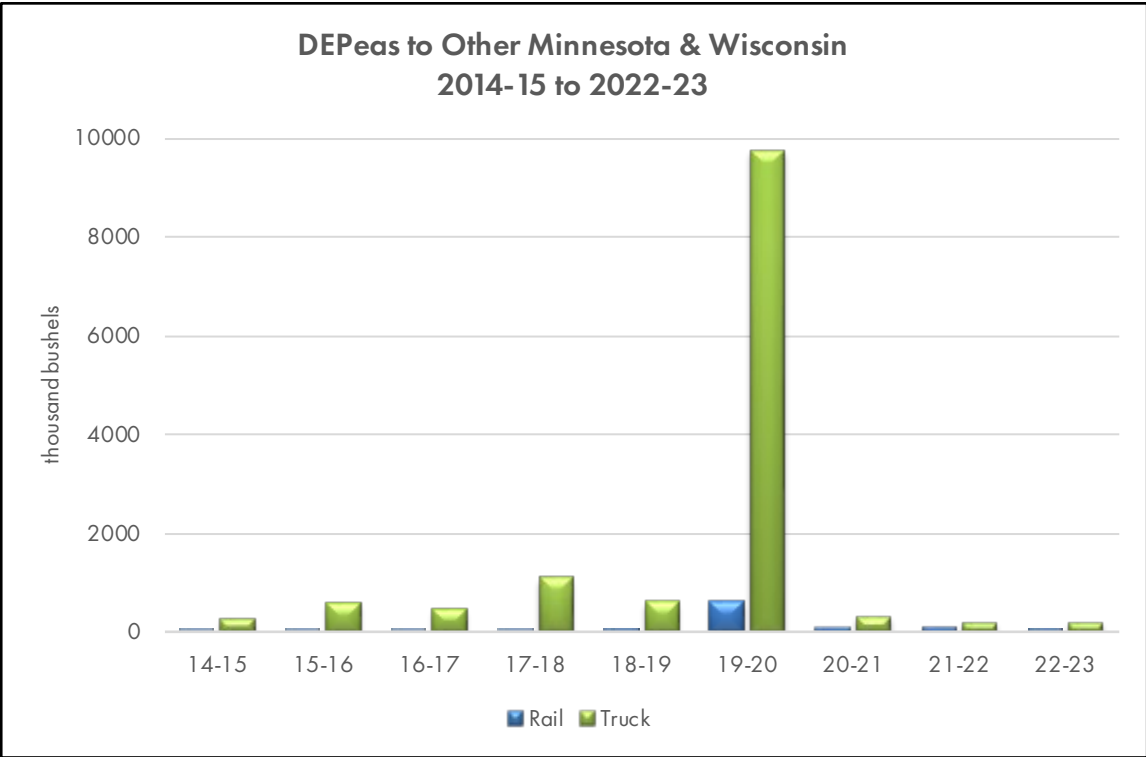


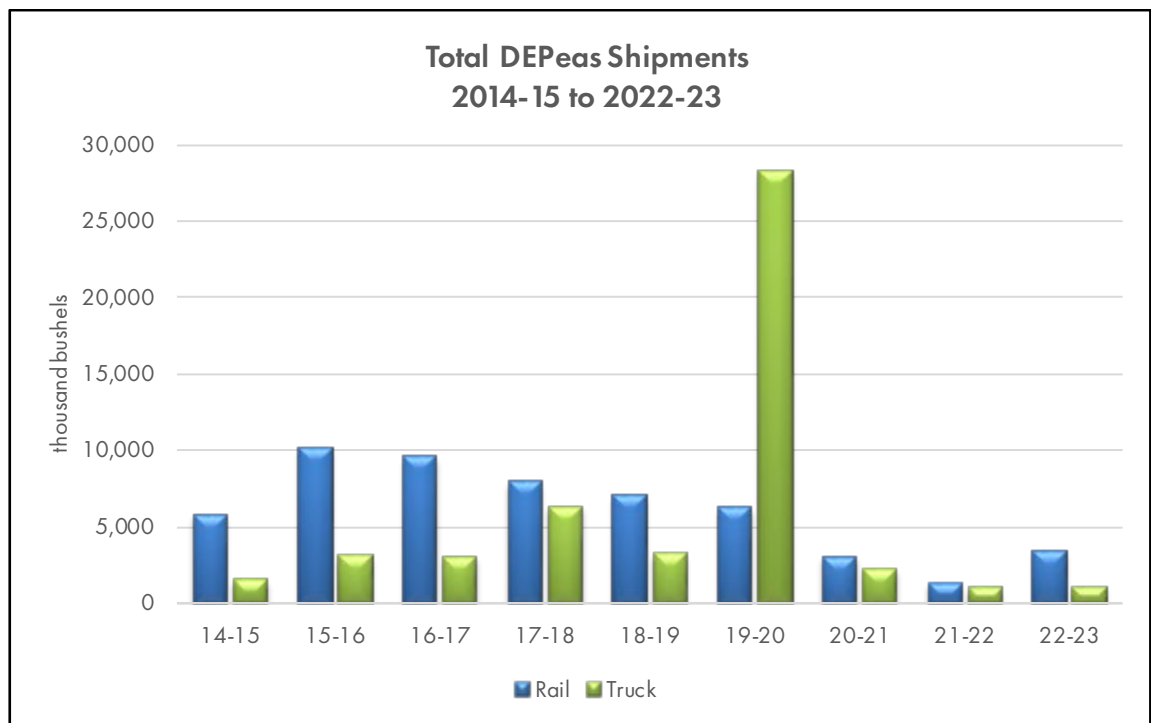
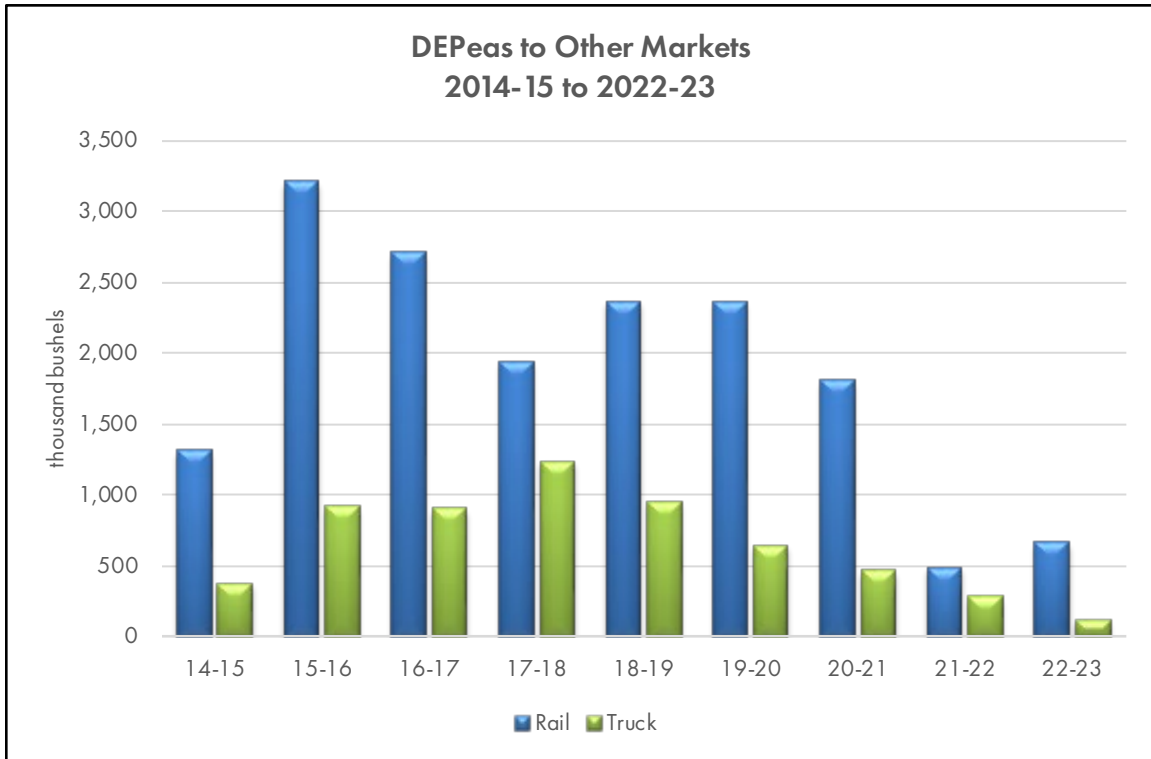
North Dakota DEPeas Shipments by Rail, Truck and Destination (thousand bu.)

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
2014-15	0	0	0	0	2,237	7	70	623	14	269	2,111	243	1,308	374	5,741	1,516
	0%	0%	0%	0%	100%	0%	10%	90%	5%	95%	90%	10%	78%	22%	79%	21%
2015-16	0	20	0	0	2,460	3	17	798	6	594	4,530	771	3,207	915	10,214	3,104
	0%	100%	0%	0%	100%	0%	2%	98%	1%	99%	85%	15%	78%	22%	77%	23%
2016-17	137	193	6	0	2,030	16	156	982	23	469	4,542	489	2,703	901	9,600	3,049
	42%	58%	100%	0%	99%	1%	14%	86%	5%	95%	90%	10%	75%	25%	76%	24%
2017-18	3	385	0	56	2,703	47	39	2,462	20	1,101	3,192	991	1,938	1,229	7,899	6,266
	1%	99%	0%	100%	98%	2%	2%	98%	2%	98%	76%	24%	61%	39%	56%	44%
2018-19	34	9	0	0	1,065	20	103	721	68	604	3,373	951	2,359	947	7,002	3,251
	79%	21%	0%	0%	98%	2%	13%	87%	10%	90%	78%	22%	71%	29%	68%	32%
2019-20	0	3,346	0	0	351	5	150	1,153	606	9,765	2,761	13,385	2,361	638	6,226	28,288
	0%	100%	0%	0%	99%	1%	12%	88%	6%	94%	17%	83%	79%	21%	18%	82%
2020-21	0	3	0	1	33	0	8	1,123	82	300	1,092	337	1,802	465	3,014	2,228
	0%	100%	0%	100%	100%	0%	1%	99%	21%	79%	76%	24%	79%	21%	57%	43%
2021-22	0	58	0	0	45	0	0	383	91	176	714	139	487	279	1,339	1,029
	0%	100%	0%	0%	100%	0%	0%	100%	34%	66%	84%	16%	64%	36%	57%	43%
2022-23	0	14	0	0	1,616	1	0	687	63	185	1,089	88	663	119	3,431	1,093
	0%	100%	0%	0%	100%	0%	0%	100%	25%	75%	93%	7%	85%	15%	76%	24%



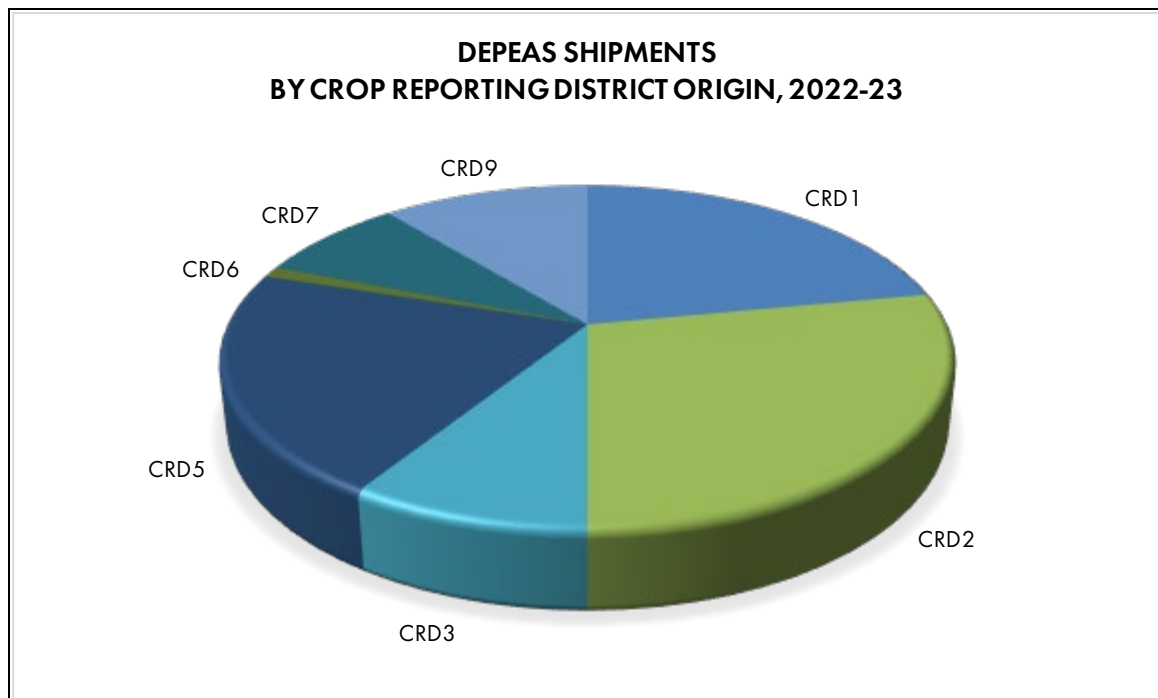






North Dakota DEPeas Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2014-15	3,159	34	2,030	153	231	390	1,241	19	0	7,257
	44%	0%	28%	2%	3%	5%	17%	0%	0%	100%
2015-16	5,739	195	3,139	406	248	1,475	2,008	53	55	13,318
	43%	1%	24%	3%	2%	11%	15%	0%	0%	100%
2016-17	5,072	390	3,618	937	424	1,344	575	69	220	12,649
	40%	3%	29%	7%	3%	11%	5%	1%	2%	100%
2017-18	6,625	594	2,893	90	1,485	2,324	82	20	52	14,165
	47%	4%	20%	1%	10%	16%	1%	0%	0%	100%
2018-19	4,432	57	2,487	143	698	1,906	528	2	0	10,253
	43%	1%	24%	1%	7%	19%	5%	0%	0%	100%
2019-20	2,709	7	4,038	732	66	24,088	2,854	0	20	34,514
	8%	0%	12%	2%	0%	70%	8%	0%	0%	100%
2020-21	2,856	32	473	375	0	764	732	0	10	5,242
	54%	1%	9%	7%	0%	15%	14%	0%	0%	100%
2021-22	899	51	251	3	5	667	325	0	167	2,368
	38%	2%	11%	0%	0%	28%	14%	0%	7%	100%
2022-23	996	1,255	399	11	928	51	363	13	509	4,524
	22%	28%	9%	0%	21%	1%	8%	0%	11%	100%



DEPeas Shipments by Crop Reporting District (thousand bu.)

