

North Dakota Grain & Oilseed Transportation Statistics: 2018–19



prepared by

Kimberly Vachal, Ph.D.
Advanced Research Fellow

and

Megan Kortie
Project Specialist

NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS 2018–19

Kimberly Vachal
Advanced Research Fellow

Megan Kortie
Project Specialist

Upper Great Plains Transportation Institute
North Dakota State University
Fargo, North Dakota

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.

Preface

The 2018-19 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Kimberly Vachal and Megan Kortie, 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 Public Service Commission that all North Dakota elevators report monthly movements of grains and oilseeds by truck and rail. Prior to 1967-68, these data had been estimated from questionnaires completed by a sample of country elevators.

ND Wheat Commission

www.ndwheat.com/about/BoardofCommissioners/

ND Soybean Council

ndsoybean.org/the-council/#directors

ND Corn Utilization Council

<https://www.ndcorn.org/cornCouncil/about/council-members/>

ND Department of Agriculture

<https://www.nd.gov/ndda/program/grain-inspection>

CONTENTS

North Dakota Grain and Oilseed Transportation Statistics	iii
Objective of Report	iii
Scope of Report	iii
Source of Data	iii
Organization of the Remainder of the Report	iii
North Dakota Crop Reporting Districts and Counties (map)	iv
Total Grain and Oilseed Shipments	1
Hard Red Spring Wheat Shipments	14
Durum Shipments	25
Barley Shipments	36
Sunflower Shipments	47
Soybean Shipments	58
Corn Shipments	69
Canola Shipments	80
Dry Edible Bean Shipments	91
Dry Edible Pea Shipments	102

NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS, 2018–19

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 2018 to June 2019, and previous years.
- **Commodity:** Hard red spring wheat, durum, barley, sunflower, soybeans, corn, canola, dry edible beans, and dry edible peas.

SOURCE OF DATA

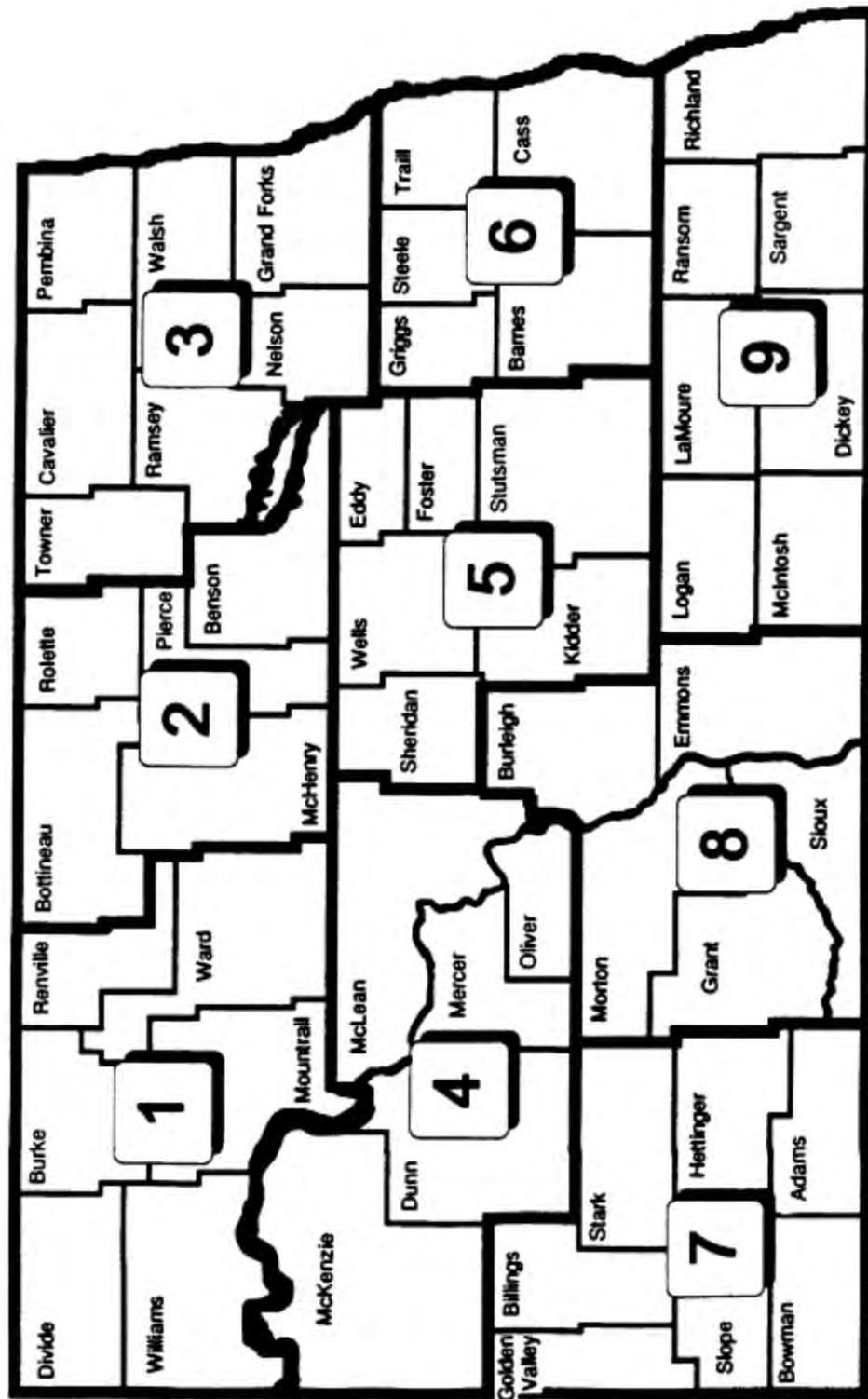
The data used to analyze North Dakota grain distribution patterns for the period July 2018 through June 2019 were obtained from all country elevators in North Dakota. The data source is the North Dakota Public Service Commission's "Grain Movement Report." Every country elevator in North Dakota is required under state statute to assemble and submit a "Grain Movement Report" to the Public Service Commission on a monthly basis.

ORGANIZATION OF THE REMAINDER OF THE REPORT

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

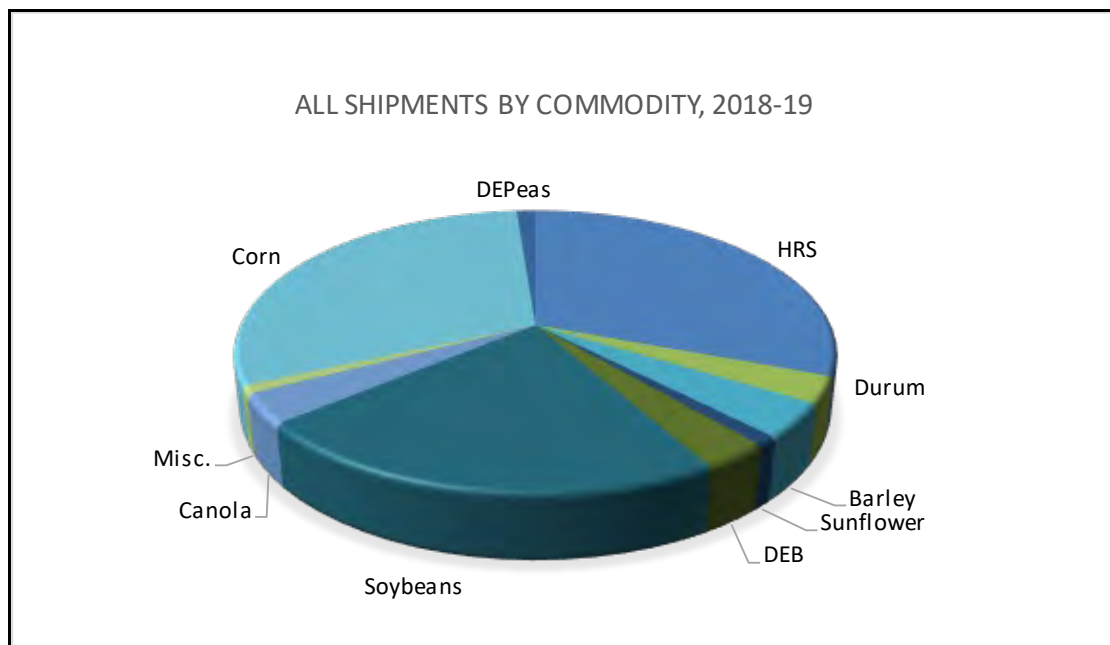
2018-19 totals are preliminary, representing 99 percent of the required reports.



North Dakota Crop Reporting Districts and Counties

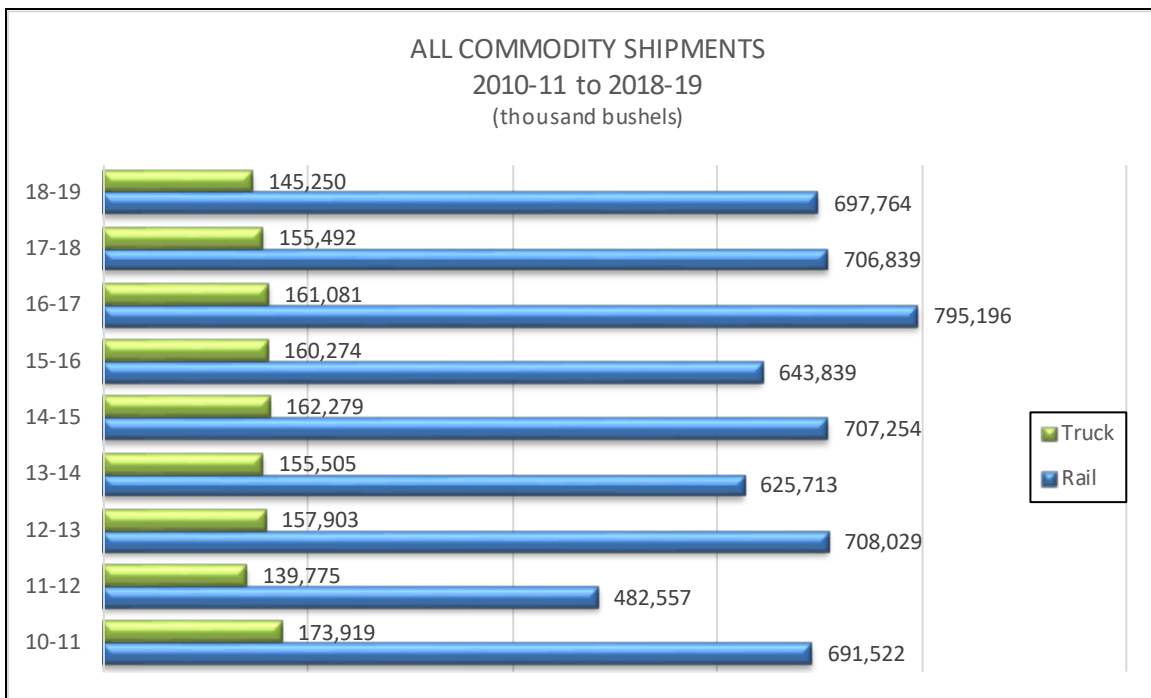
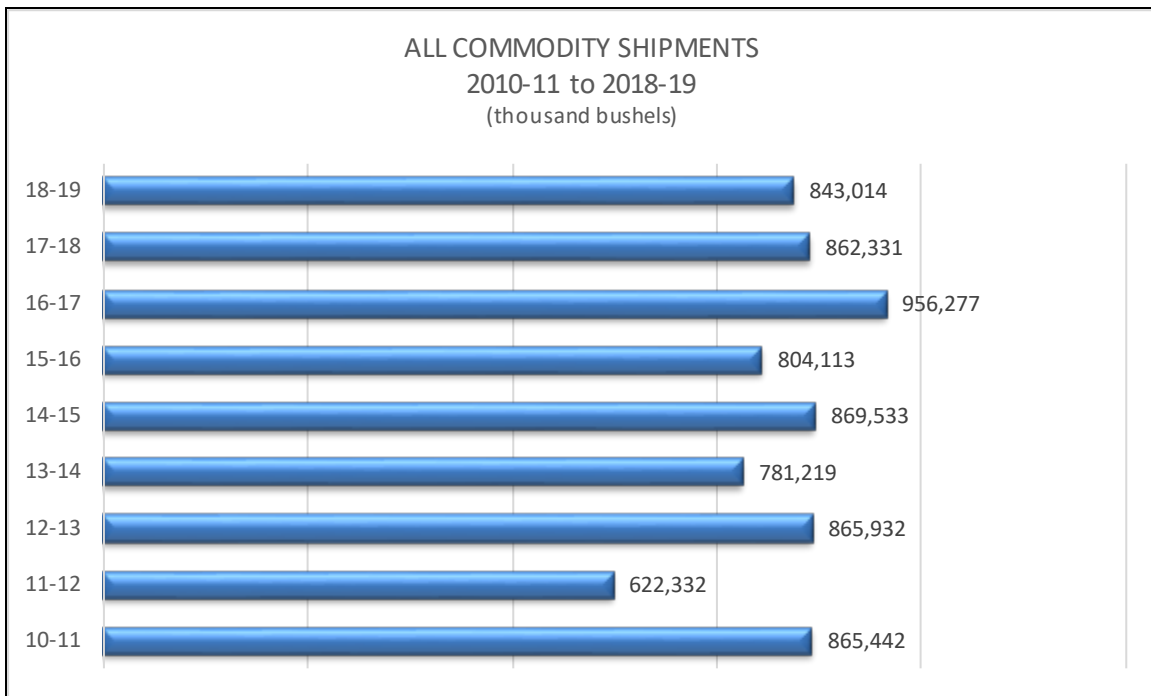
TOTAL GRAIN AND OILSEED SHIPMENTS

YEAR	HRS	Durum	Barley	Sunflower	Soybeans	Corn	Canola	DEB	DEPeas	Misc.	TOTAL
2010-11	328,147	52,786	49,237	25,262	139,791	192,452	28,941	20,954	15,021	12,851	865,442
	38%	6%	6%	3%	17%	22%	3%	2%	2%	2%	100%
2011-12	190,161	24,249	39,584	16,508	135,965	165,631	20,871	12,591	6,451	10,321	622,331
	31%	4%	6%	3%	22%	27%	3%	2%	1%	2%	100%
2012-13	231,495	38,496	42,727	19,569	172,489	302,041	25,836	15,623	7,038	10,618	865,932
	27%	4%	5%	2%	20%	35%	3%	2%	1%	1%	100%
2013-14	250,168	34,587	46,514	13,967	164,448	217,835	25,149	13,202	7,018	8,330	781,219
	32%	4%	6%	2%	21%	28%	3%	2%	1%	1%	100%
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%



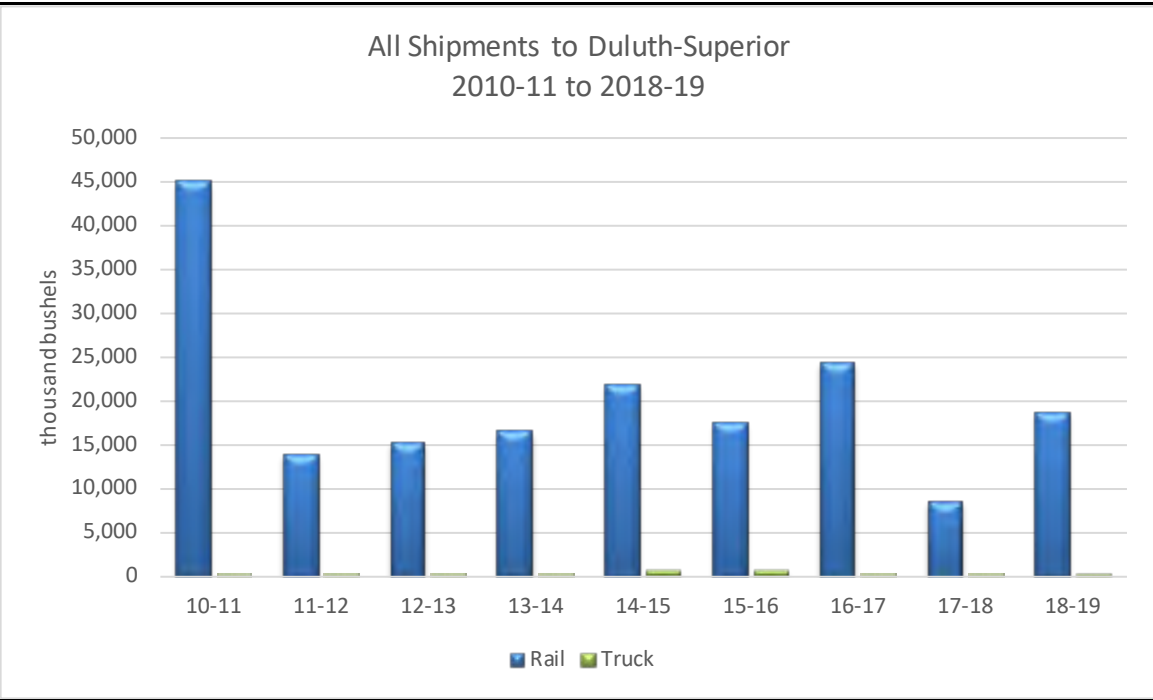
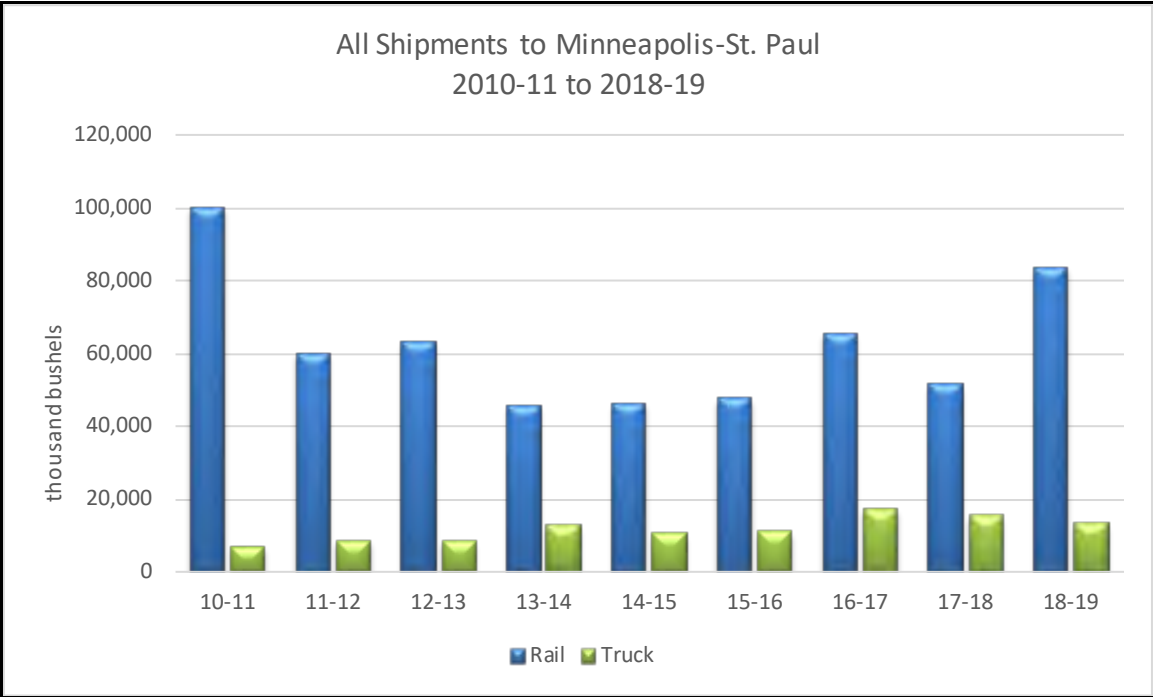
North Dakota Grain and Oilseed Shipments by Destination: 2010-11 to 2018-19 (thousand bu.)

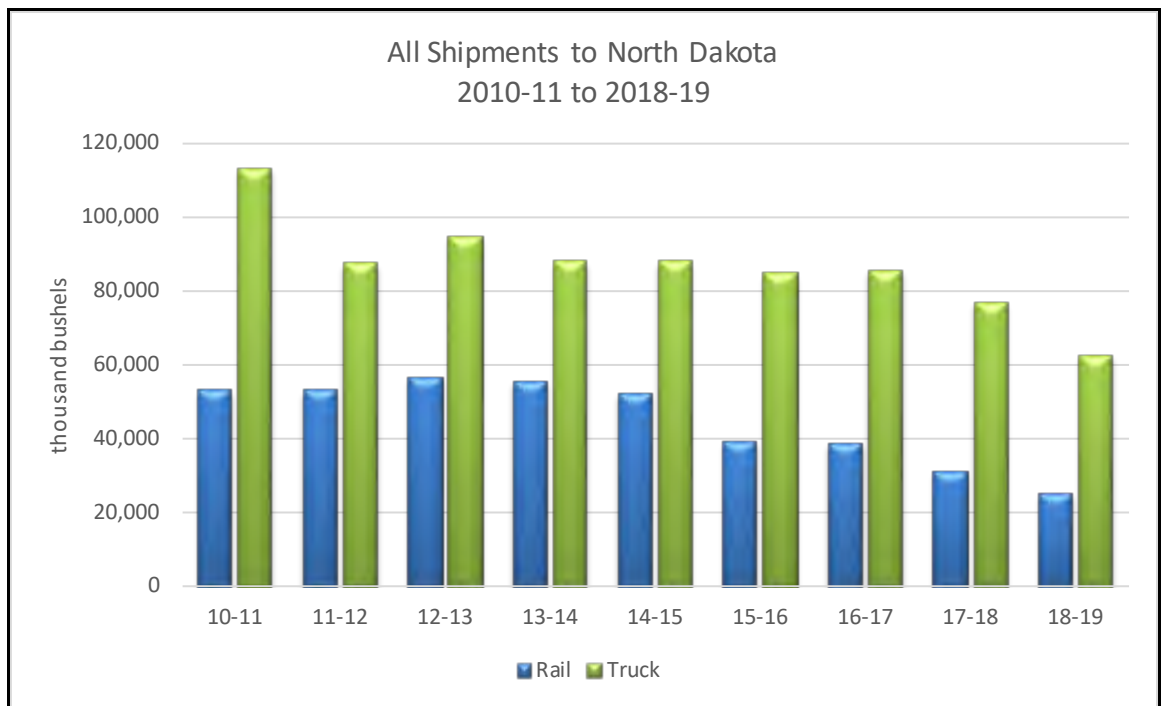
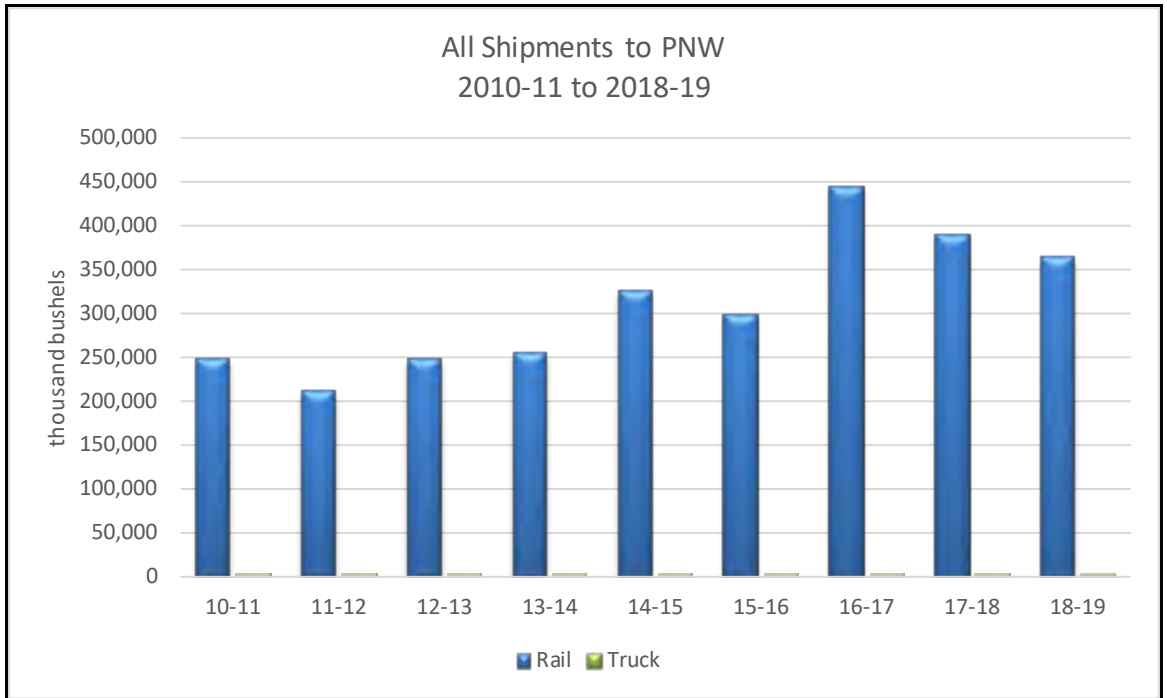
YEAR	Minneapolis-St. Paul	Duluth-Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	106,924	44,954	249,025	165,744	46,050	81,345	171,410	865,442
	12%	5%	29%	19%	5%	9%	20%	100%
2011-12	65,248	13,910	211,607	140,186	29,866	41,261	120,273	622,332
	10%	2%	34%	23%	5%	7%	19%	100%
2012-13	71,551	15,259	246,967	150,886	44,830	100,983	235,490	865,932
	8%	2%	29%	17%	5%	12%	27%	100%
2013-14	58,255	16,485	254,995	143,320	47,978	78,191	181,981	781,219
	7%	2%	33%	18%	6%	10%	23%	100%
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%

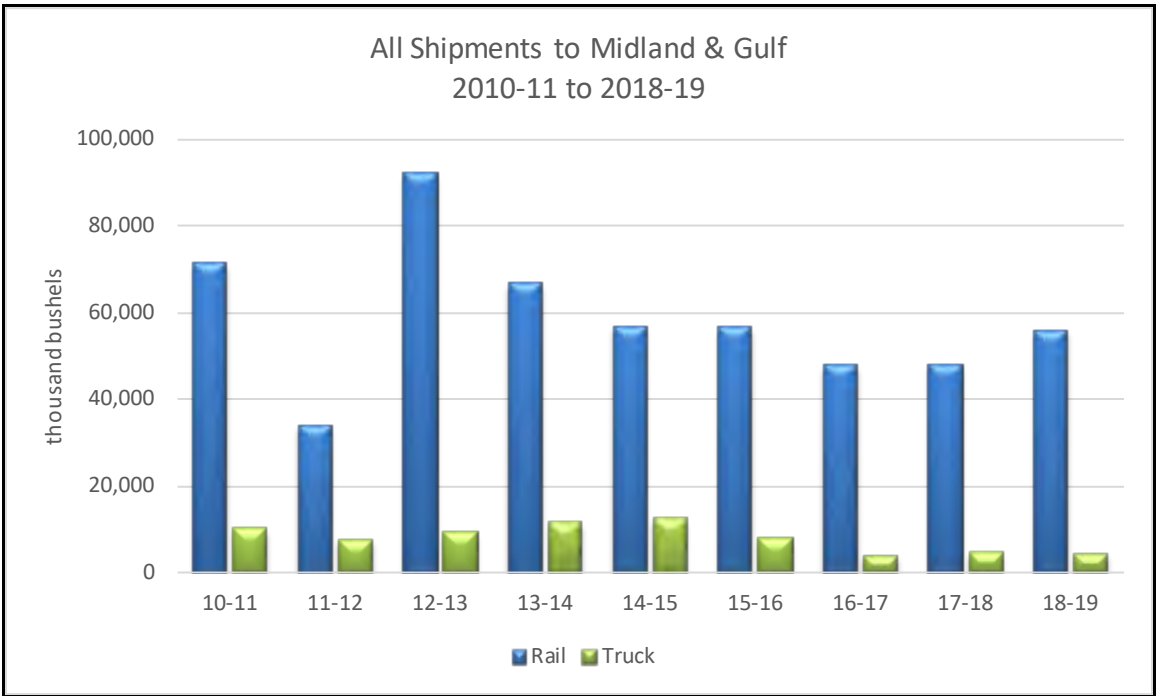
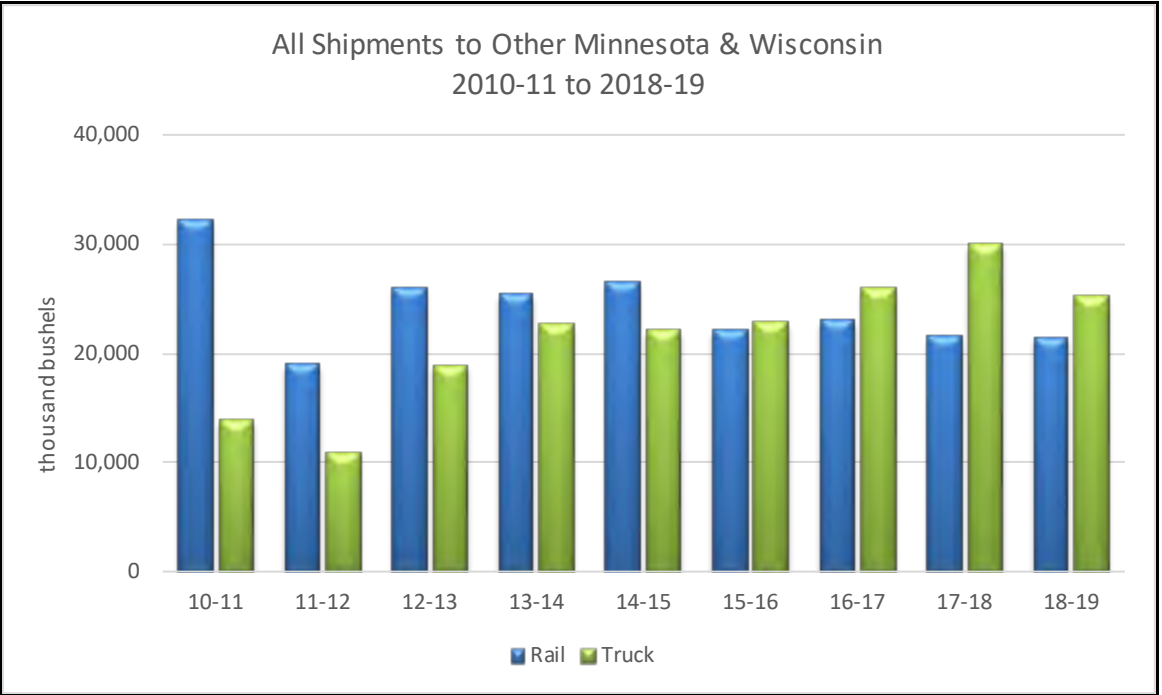


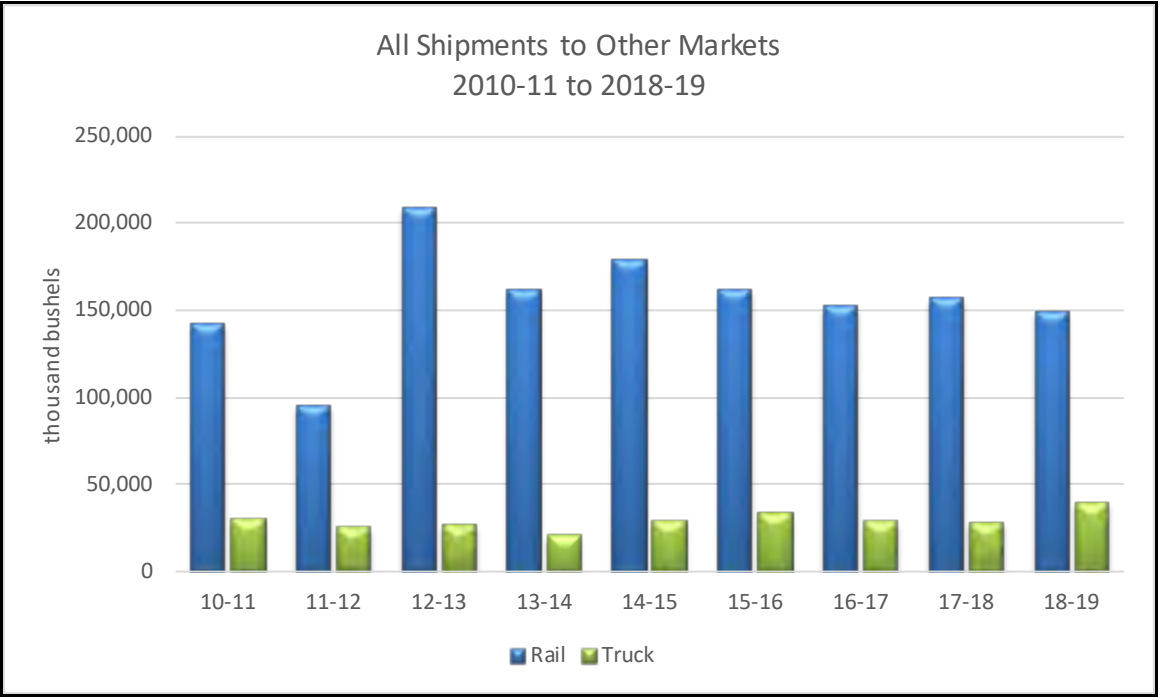
North Dakota Grain and Oilseed Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	100,084	6,840	44,855	99	248,220	804	52,691	113,053	32,209	13,842	71,338	10,007	142,131	29,279	691,522	173,919
	94%	6%	100%	0%	100%	0%	32%	68%	70%	30%	88%	12%	83%	17%	80%	20%
2011-12	56,928	8,320	13,888	21	210,673	935	52,757	87,429	18,994	10,873	33,839	7,422	95,487	24,786	482,557	139,775
	87%	13%	100%	0%	100%	0%	38%	62%	64%	36%	82%	18%	79%	21%	78%	22%
2012-13	63,152	8,399	15,225	34	246,497	470	56,364	94,522	25,974	18,856	91,829	9,155	208,995	26,495	708,029	157,903
	88%	12%	100%	0%	100%	0%	37%	63%	58%	42%	91%	9%	89%	11%	82%	18%
2013-14	45,763	12,492	16,410	75	254,384	611	55,312	88,008	25,355	22,624	66,664	11,527	161,830	20,151	625,713	155,505
	79%	21%	100%	0%	100%	0%	39%	61%	53%	47%	85%	15%	89%	11%	80%	20%
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%



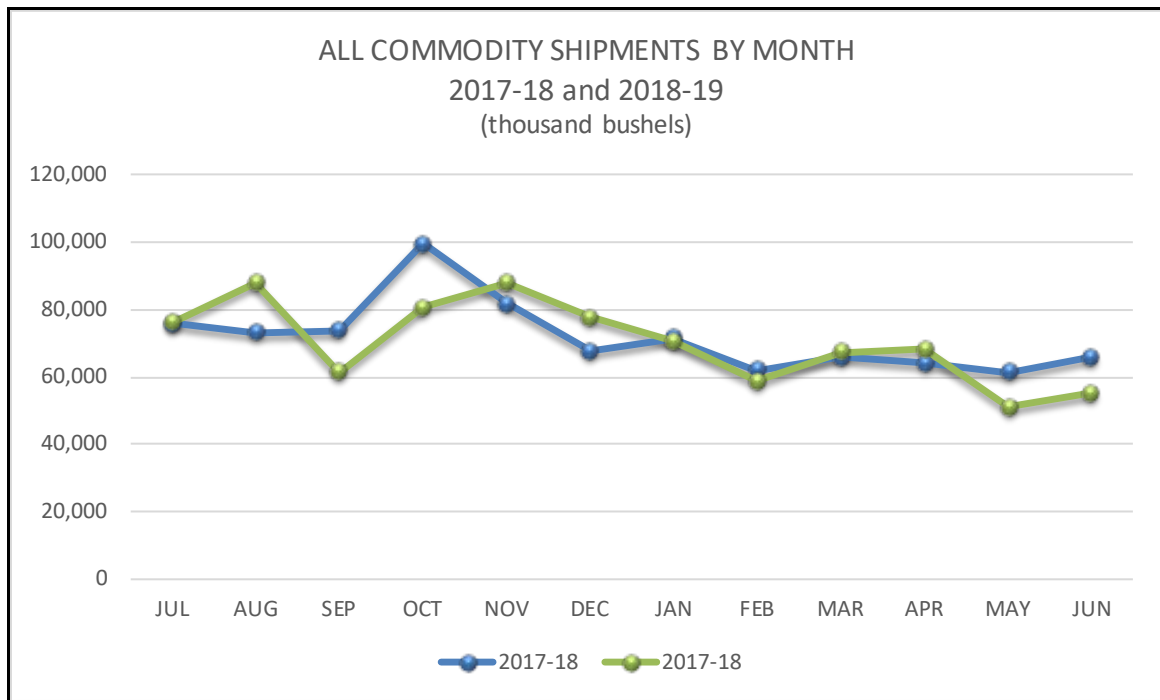






North Dakota Grain and Oilseed Movements by Month: July 2018 – June 2019 (thousand bu.)

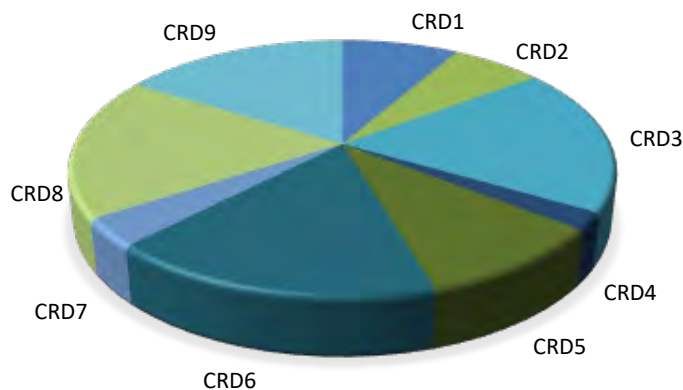
MONTH	HRS	Durum	Barley	SF	Corn	Soybeans	Canola	DEB	DEPeas	Other	TOTAL
July	20,142	2,622	2,699	607	31,335	14,865	1,603	1,175	579	405	76,032
August	36,528	3,696	4,220	716	22,497	14,107	3,132	2,036	758	454	88,145
September	25,333	2,635	2,230	571	15,822	5,393	5,962	1,163	901	1,214	61,224
October	20,345	1,917	2,244	1,121	19,103	27,834	4,083	1,467	1,460	1,081	80,655
November	20,672	2,710	2,603	985	40,014	15,799	2,279	1,197	821	942	88,022
December	29,261	1,811	2,576	910	23,597	14,698	2,041	1,231	1,177	465	77,766
January	19,407	1,285	2,529	823	21,862	20,299	1,675	1,244	914	364	70,403
February	14,168	999	2,388	571	11,467	24,843	1,949	1,345	727	380	58,837
March	16,535	1,542	2,896	569	18,809	20,162	2,043	3,609	836	358	67,358
April	25,588	2,155	3,256	598	23,286	6,249	1,715	4,270	856	337	68,311
May	15,936	2,195	3,094	539	12,033	8,773	968	5,859	704	987	51,088
June	14,969	1,493	2,629	704	17,476	14,260	1,296	1,332	520	493	55,173
TOTAL	258,885	25,060	33,365	8,714	257,302	187,282	28,746	25,928	10,253	7,480	843,014



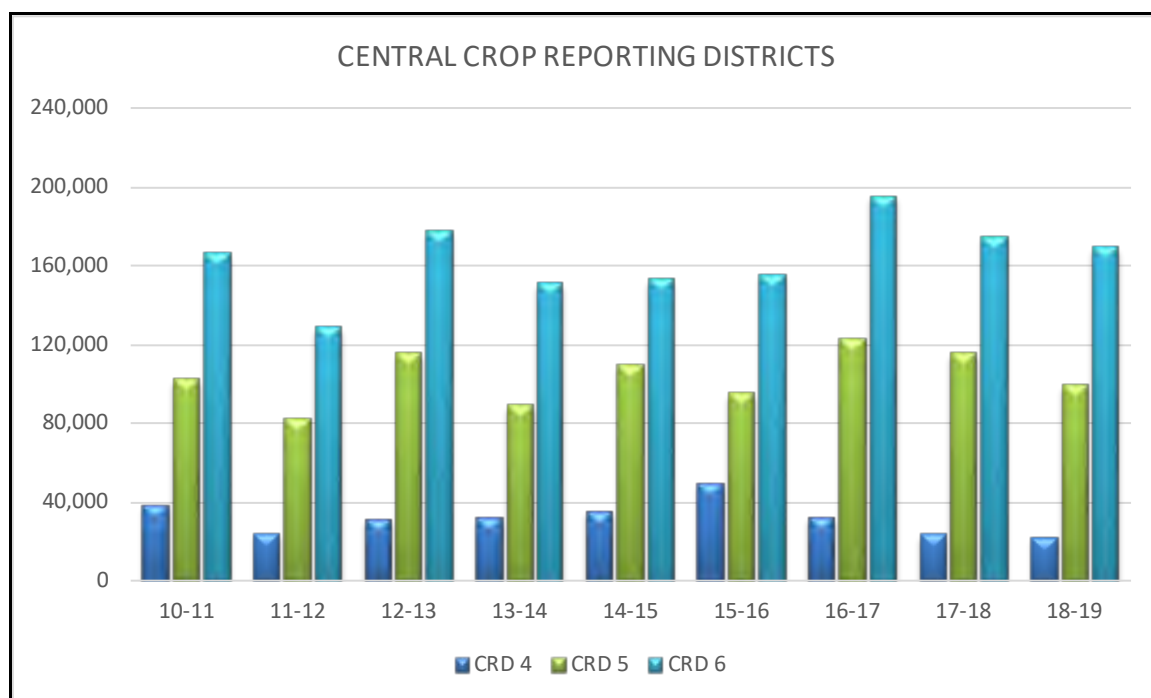
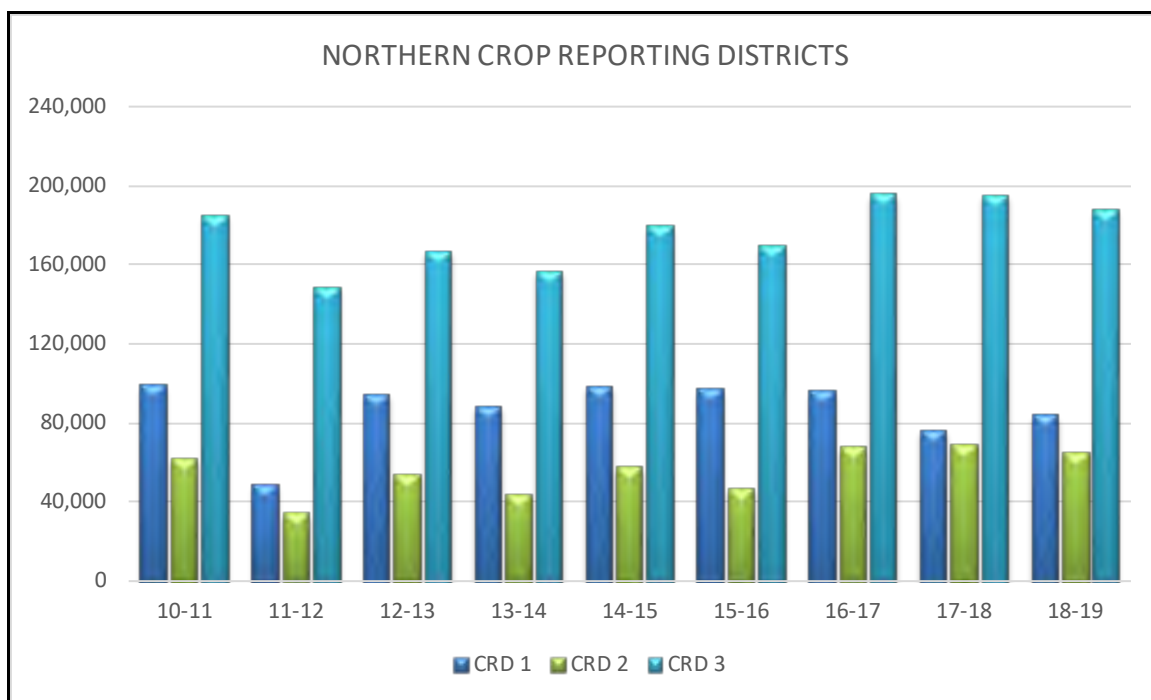
North Dakota Grain and Oilseed Shipments by Crop Reporting District Origin
2010-11 to 2018-19 (thousand bu.)

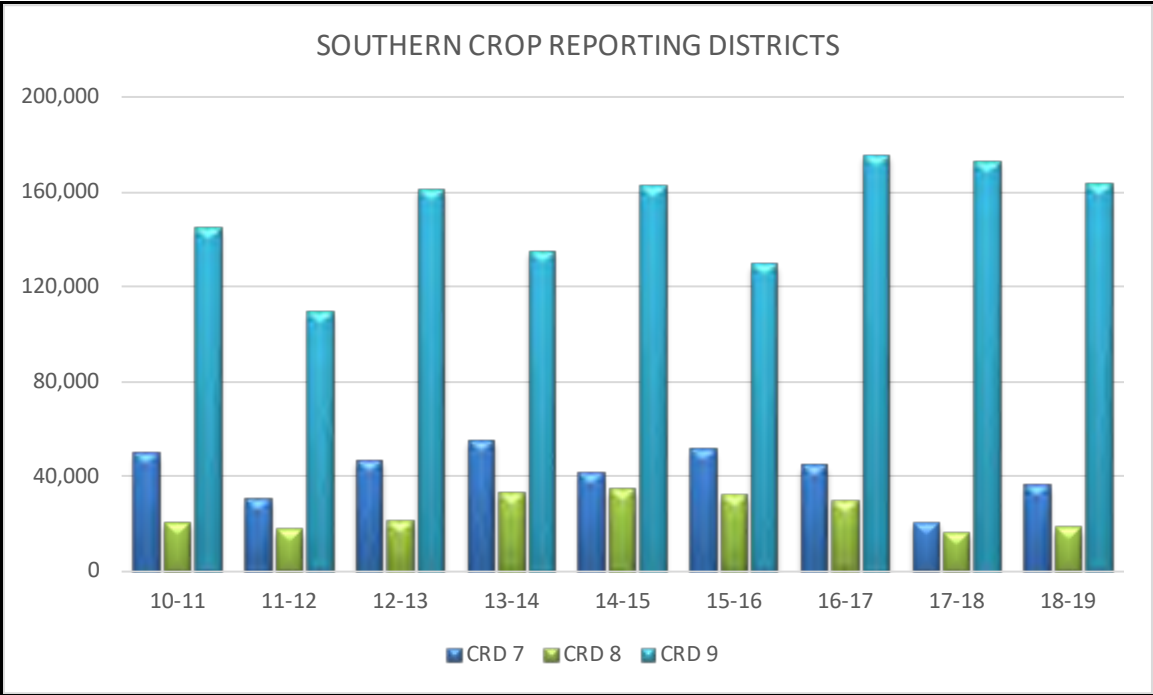
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	98,916	61,838	185,089	37,943	101,980	165,826	49,184	20,348	144,318	865,442
	11%	7%	21%	4%	12%	19%	6%	2%	17%	100%
2011-12	48,827	33,980	148,432	23,428	82,247	128,404	30,585	17,224	109,205	622,332
	8%	5%	24%	4%	13%	21%	5%	3%	18%	100%
2012-13	94,266	53,650	166,470	30,873	115,242	177,154	46,565	20,611	160,832	865,932
	11%	6%	19%	4%	13%	20%	5%	2%	19%	100%
2013-14	88,000	43,129	156,842	31,398	89,004	150,668	54,779	32,694	134,705	781,219
	11%	6%	20%	4%	11%	19%	7%	4%	17%	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%
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%

N.D. GRAIN & OILSEED SHIPMENTS
 BY CROP REPORTING DISTRICT ORIGIN, 2018-19



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

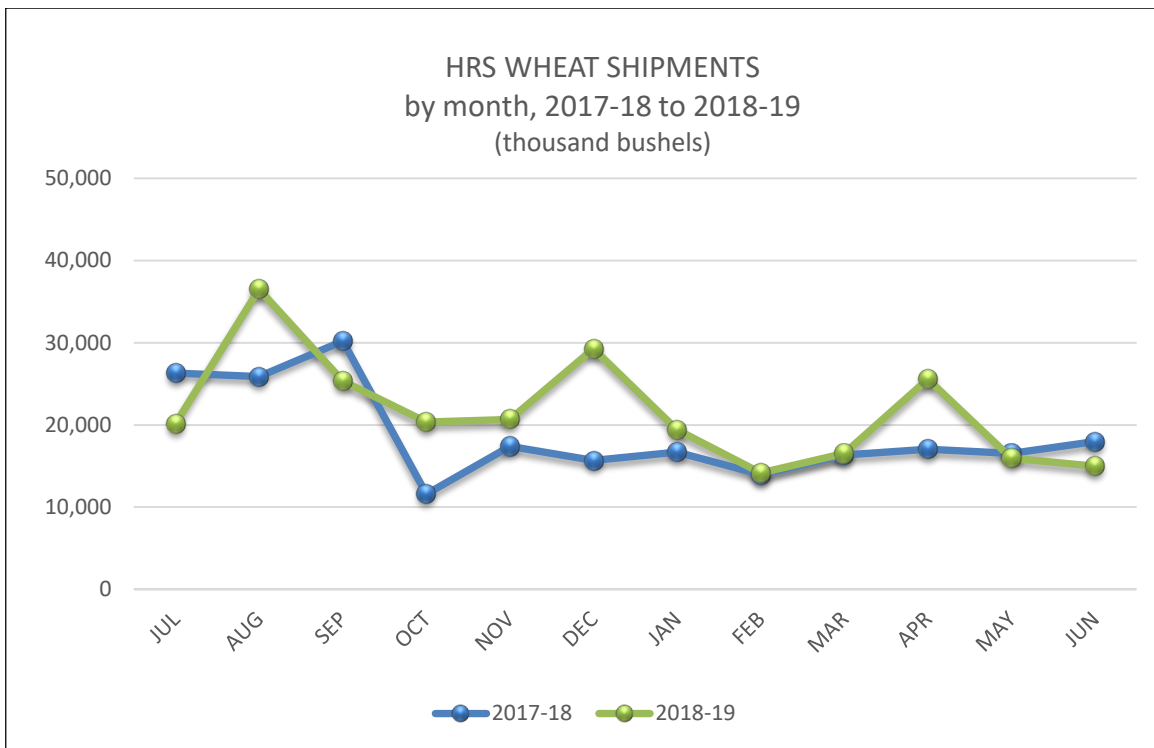
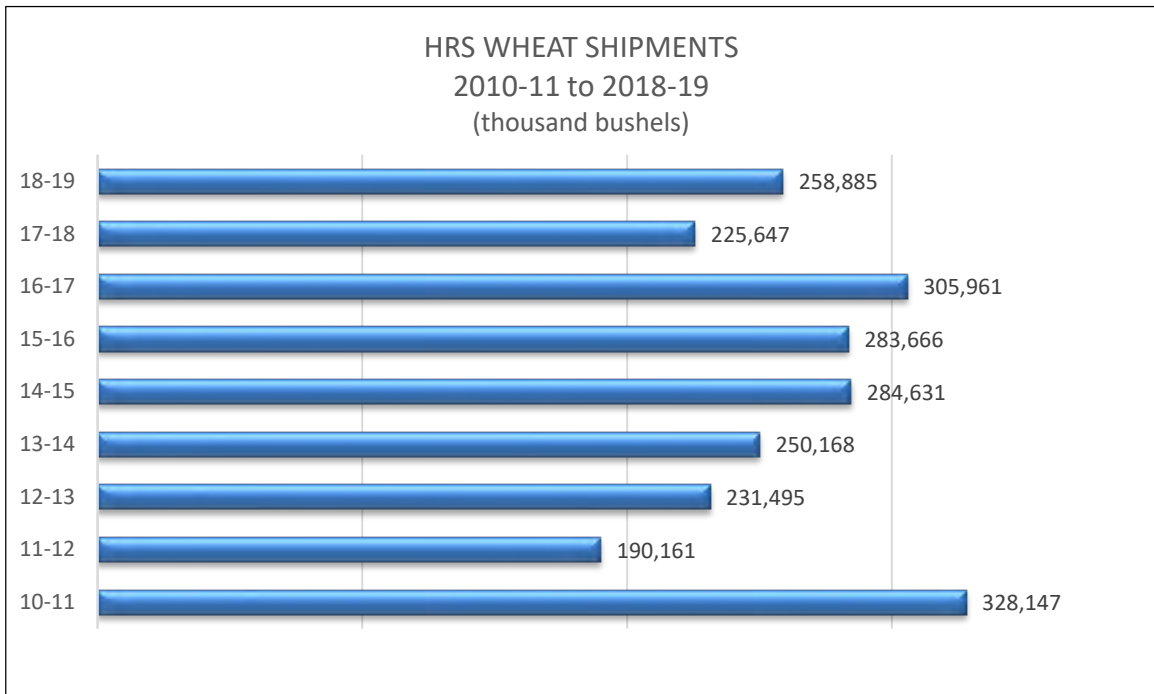




HARD RED SPRING WHEAT SHIPMENTS

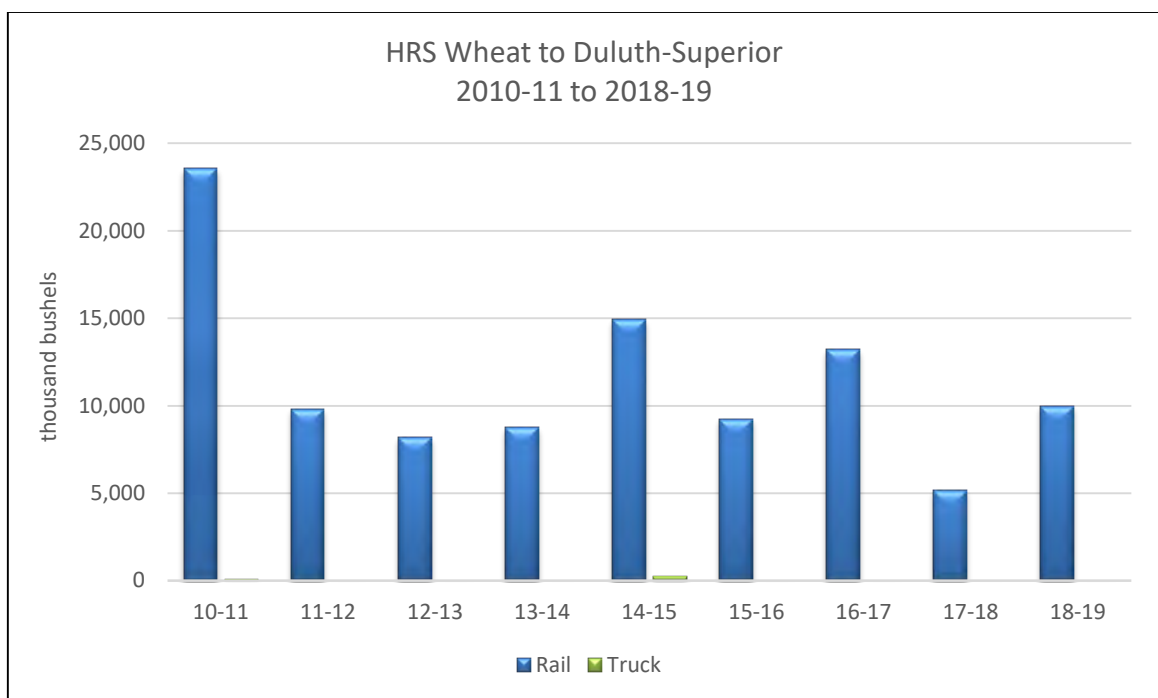
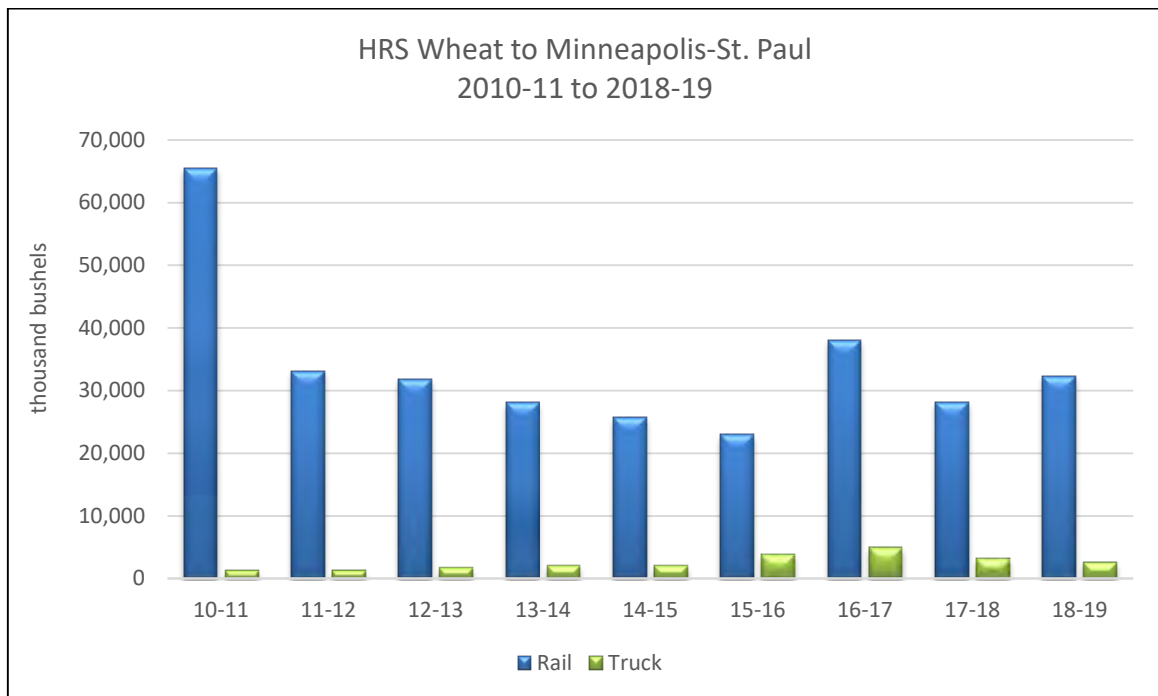
North Dakota Hard Red Spring Wheat Shipments by Destination (thousand bu.)

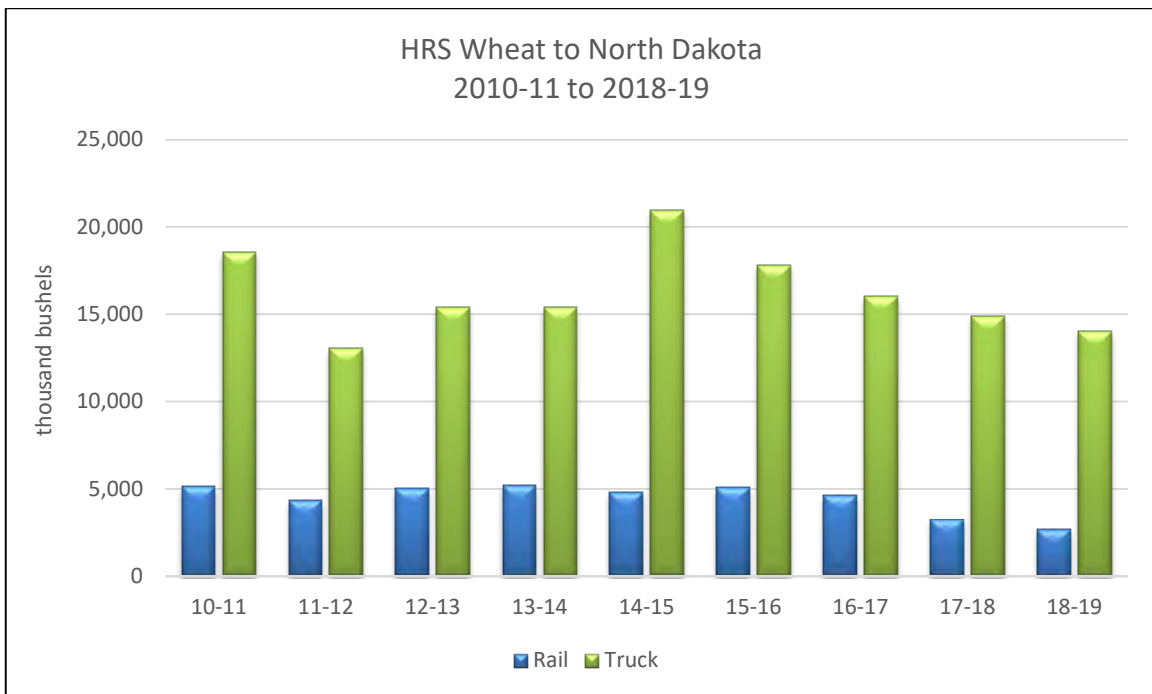
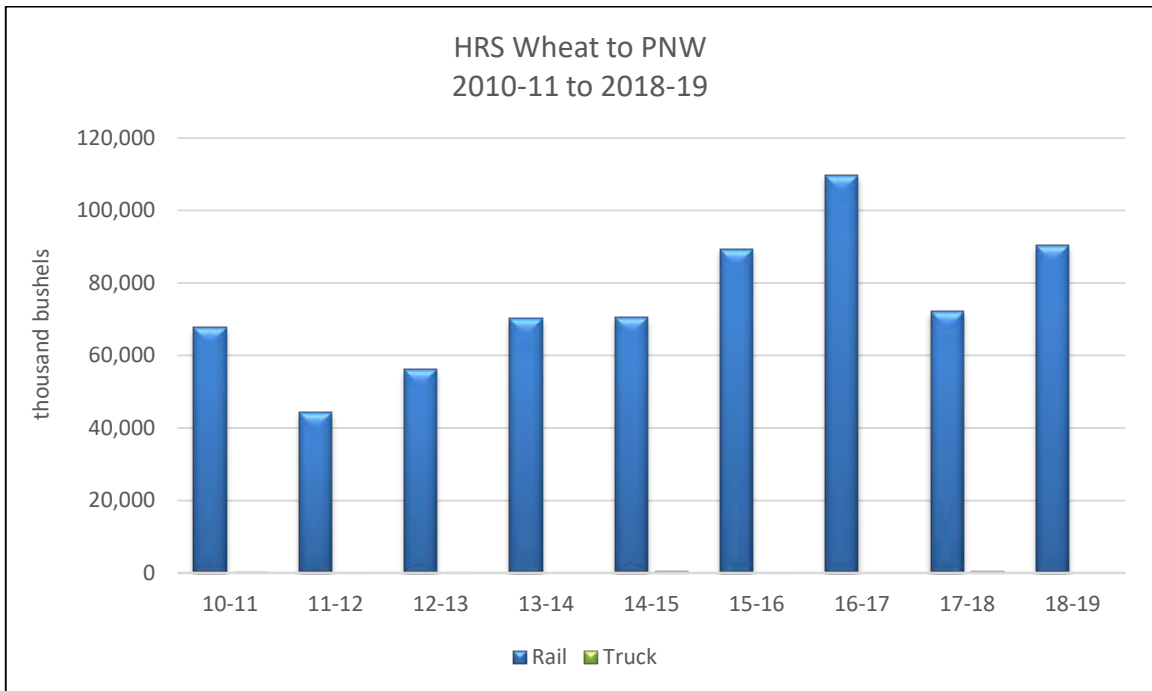
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	66,783	23,661	68,089	23,702	14,995	41,956	88,960	328,147
	20%	7%	21%	7%	5%	13%	27%	100%
2011-12	34,461	9,804	44,479	17,425	7,938	17,698	58,355	190,161
	18%	5%	23%	9%	4%	9%	31%	100%
2012-13	33,586	8,217	56,424	20,405	8,366	24,553	79,944	231,495
	15%	4%	24%	9%	4%	11%	35%	100%
2013-14	30,272	8,767	70,255	20,584	9,955	27,337	82,999	250,168
	12%	4%	28%	8%	4%	11%	33%	100%
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	64488	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%

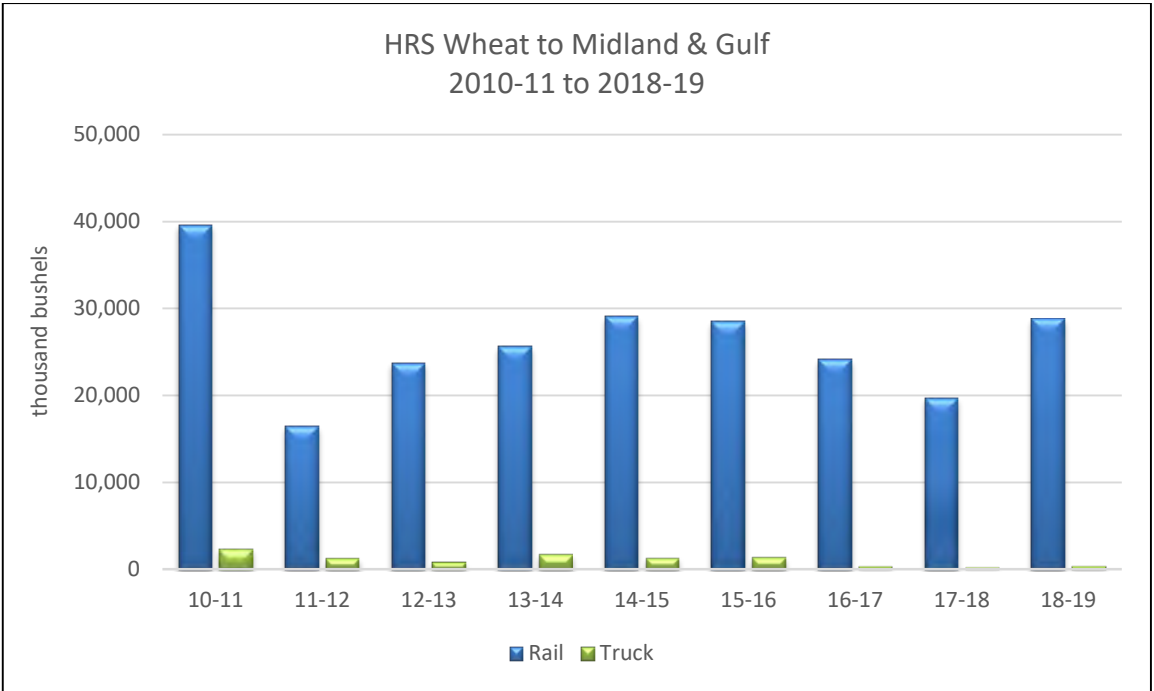
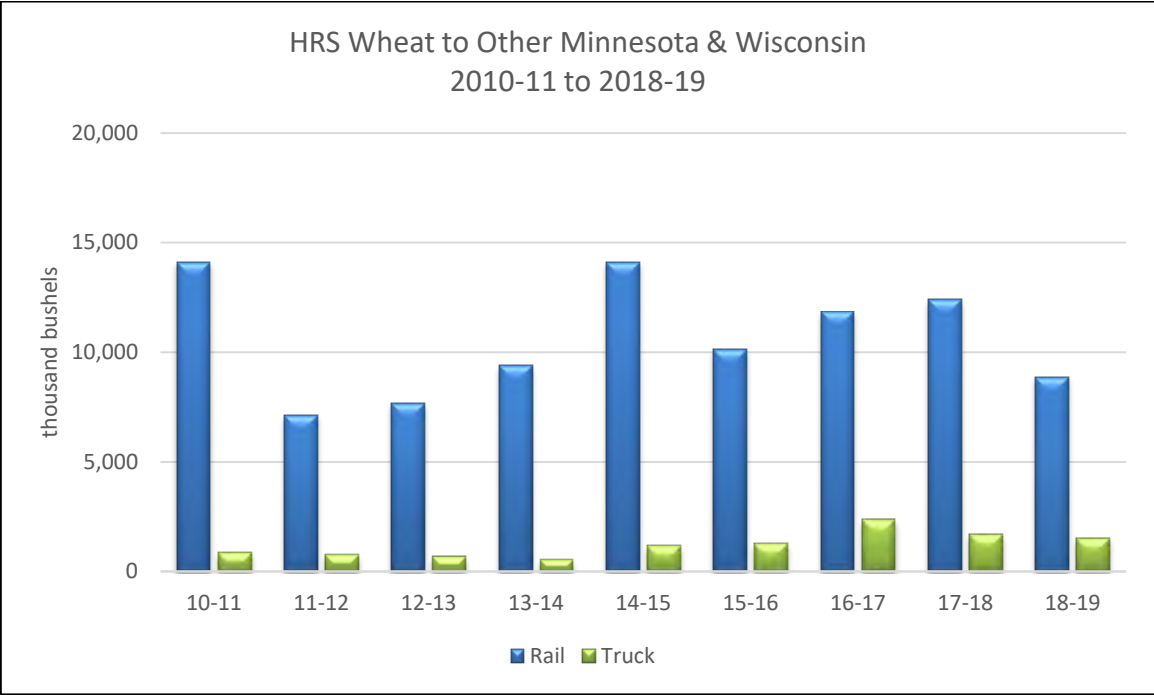


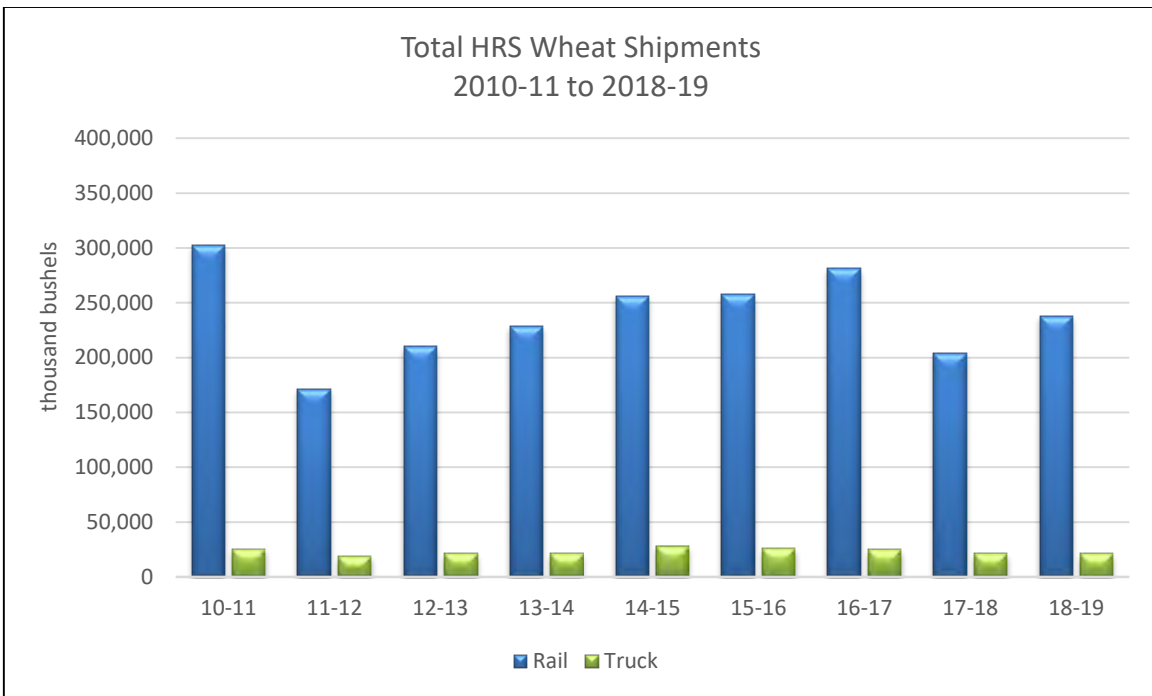
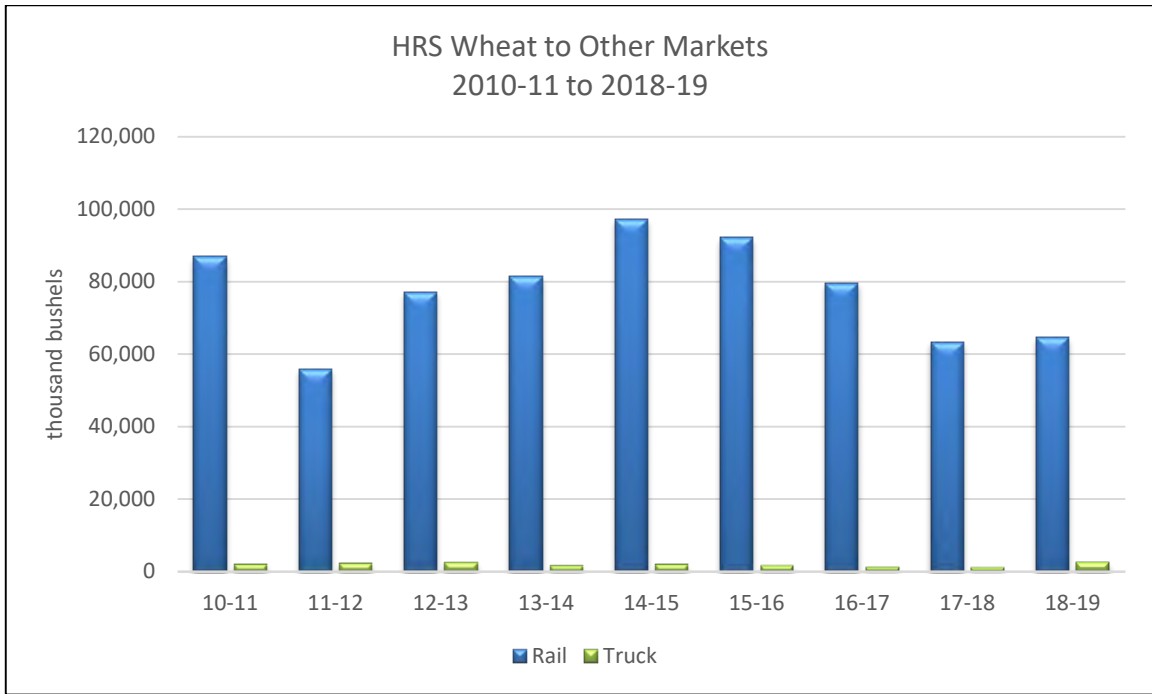
North Dakota Hard Red Spring Wheat Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	65,519	1,264	23,576	85	67,840	249	5,141	18,561	14,129	866	39,606	2,351	86,864	2,096	302,675	25,472
	98%	2%	100%	0%	100%	0%	22%	78%	94%	6%	94%	6%	98%	2%	92%	8%
2011-12	33,112	1,349	9,803	1	44,453	26	4,344	13,081	7,152	787	16,465	1,233	55,960	2,395	171,289	18,872
	96%	4%	100%	0%	100%	0%	25%	75%	90%	10%	93%	7%	96%	4%	90%	10%
2012-13	31,876	1,710	8,205	13	56,280	145	5,006	15,399	7,678	689	23,715	838	77,237	2,706	209,996	21,499
	95%	5%	100%	0%	100%	0%	25%	75%	92%	8%	97%	3%	97%	3%	91%	9%
2013-14	28,128	2,144	8,767	0	70,174	81	5,207	15,376	9,397	558	25,662	1,675	81,346	1,653	228,681	21,487
	93%	7%	100%	0%	100%	0%	25%	75%	94%	6%	94%	6%	98%	2%	91%	9%
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%



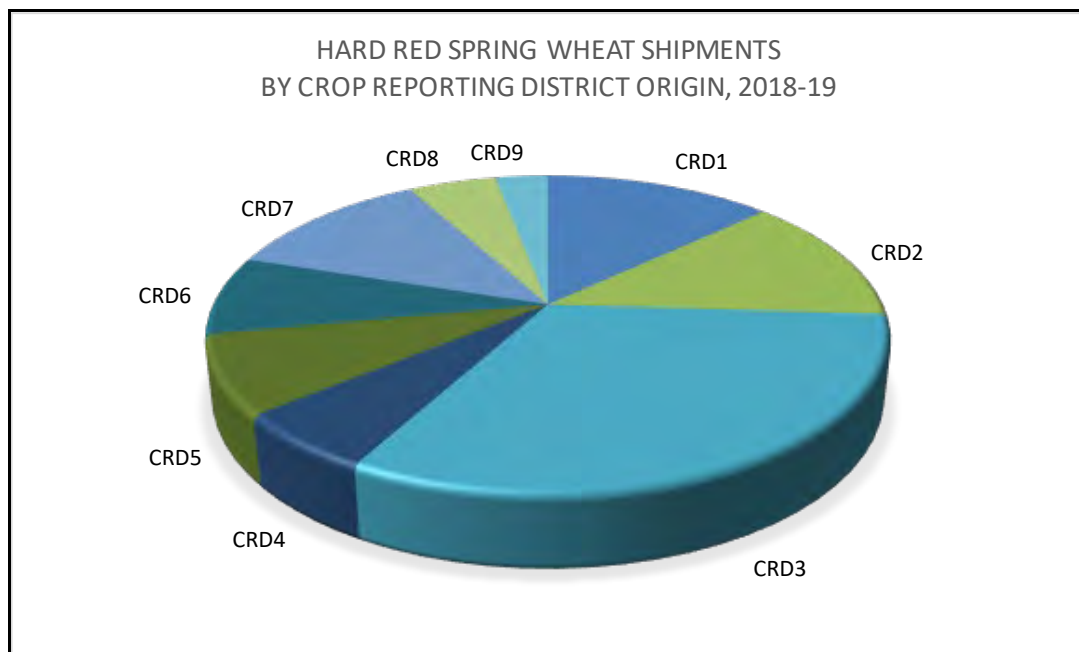




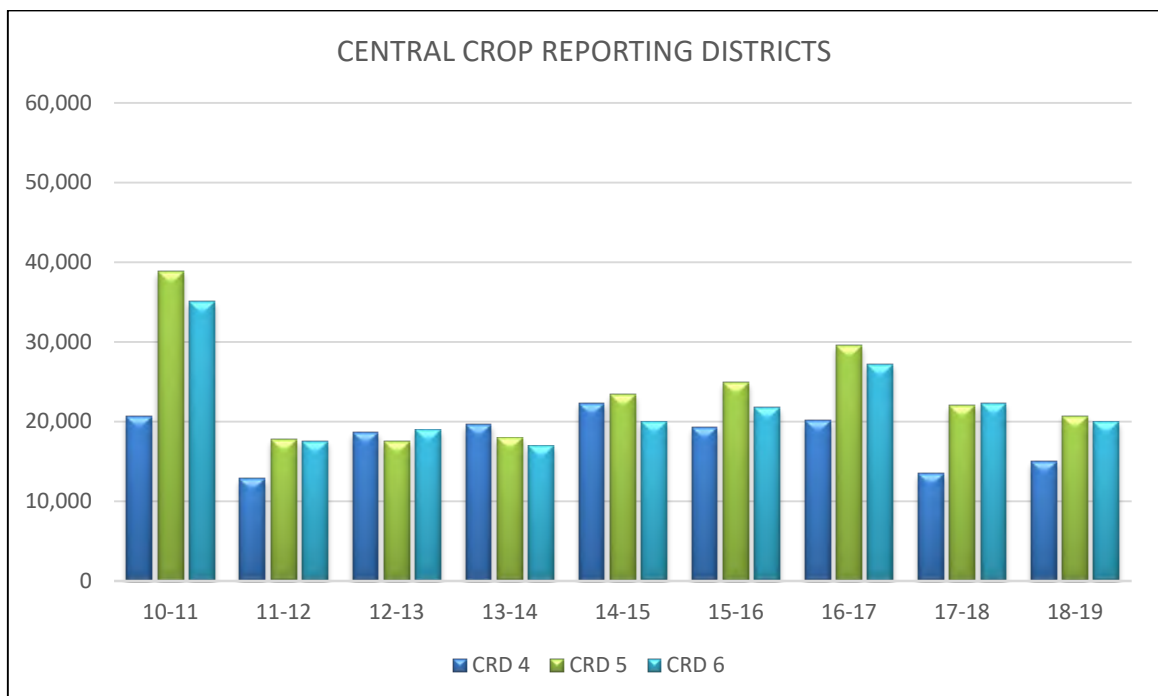
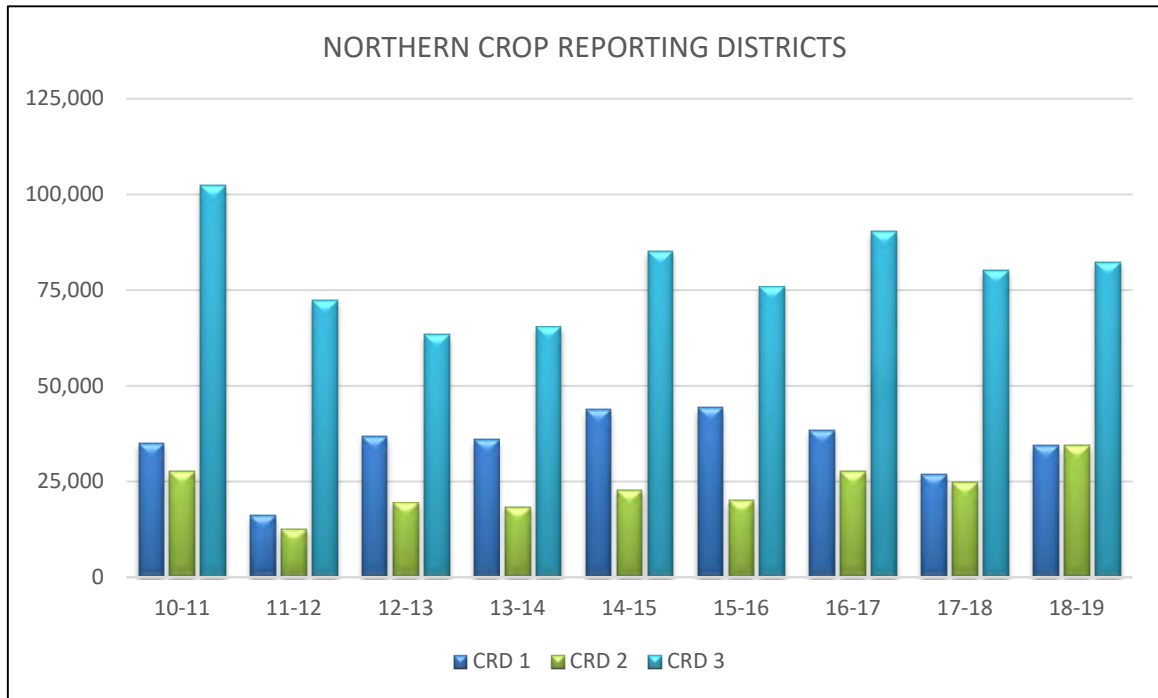


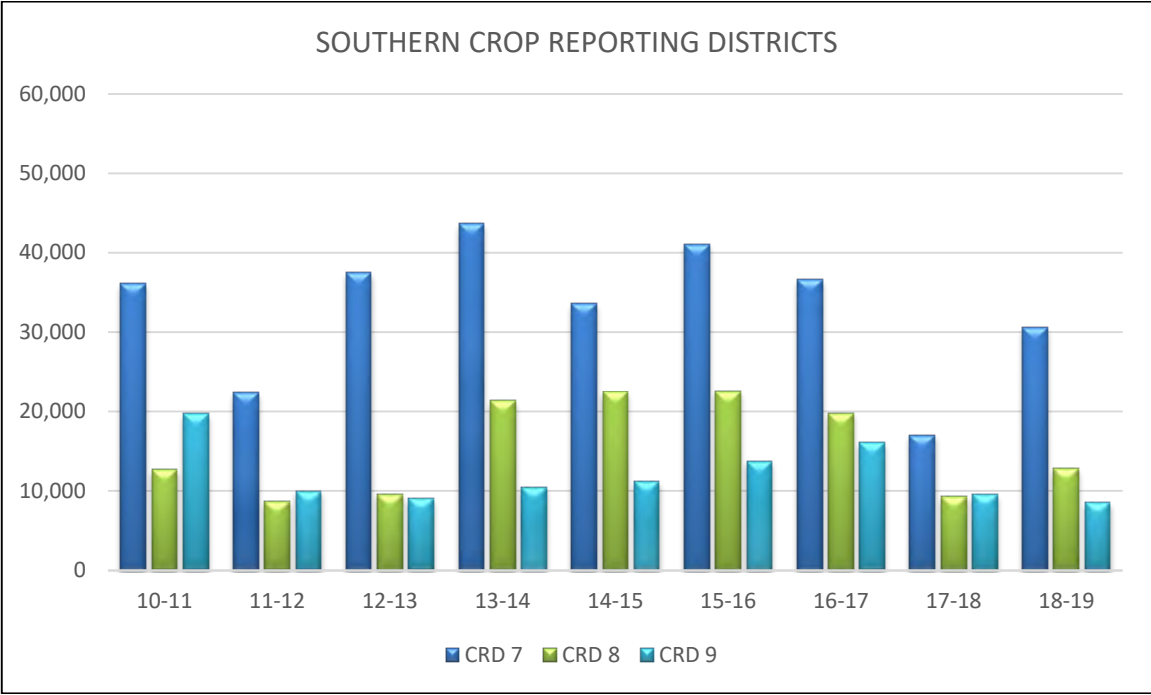
North Dakota Hard Red Spring Wheat Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	35,053	27,521	102,337	20,721	38,865	35,101	36,102	12,682	19,765	328,147
	11%	8%	31%	6%	12%	11%	11%	4%	6%	100%
2011-12	16,048	12,402	72,528	12,822	17,733	17,579	22,351	8,693	10,004	190,161
	8%	7%	38%	7%	9%	9%	12%	5%	5%	100%
2012-13	36,831	19,431	63,935	18,635	17,535	18,984	37,521	9,599	9,025	231,495
	16%	8%	28%	8%	8%	8%	16%	4%	4%	100%
2013-14	35,864	18,289	65,839	19,696	17,960	16,962	43,677	21,377	10,505	250,168
	14%	7%	26%	8%	7%	7%	17%	9%	4%	100%
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%



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

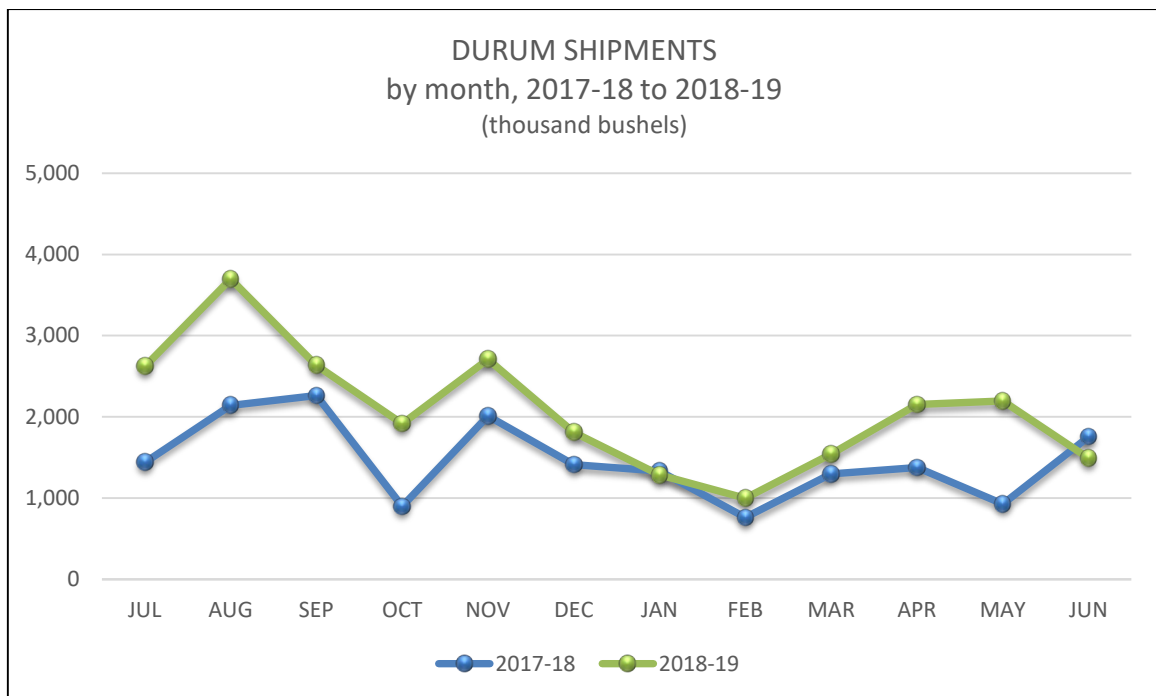
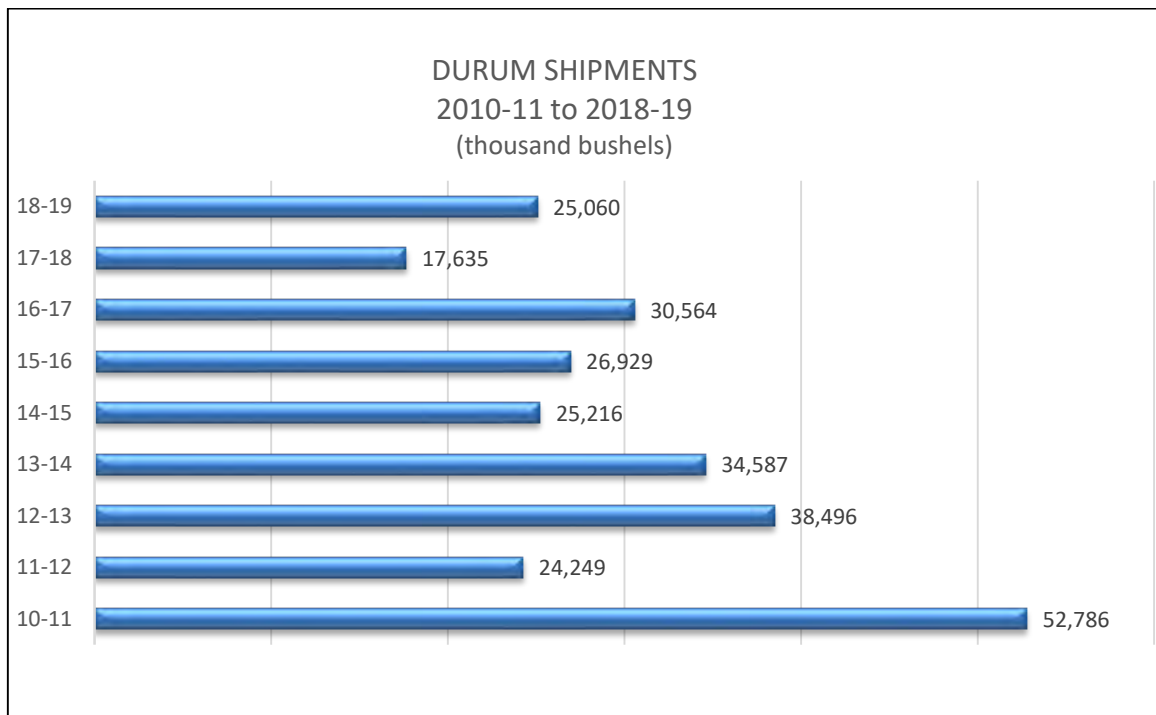




DURUM SHIPMENTS

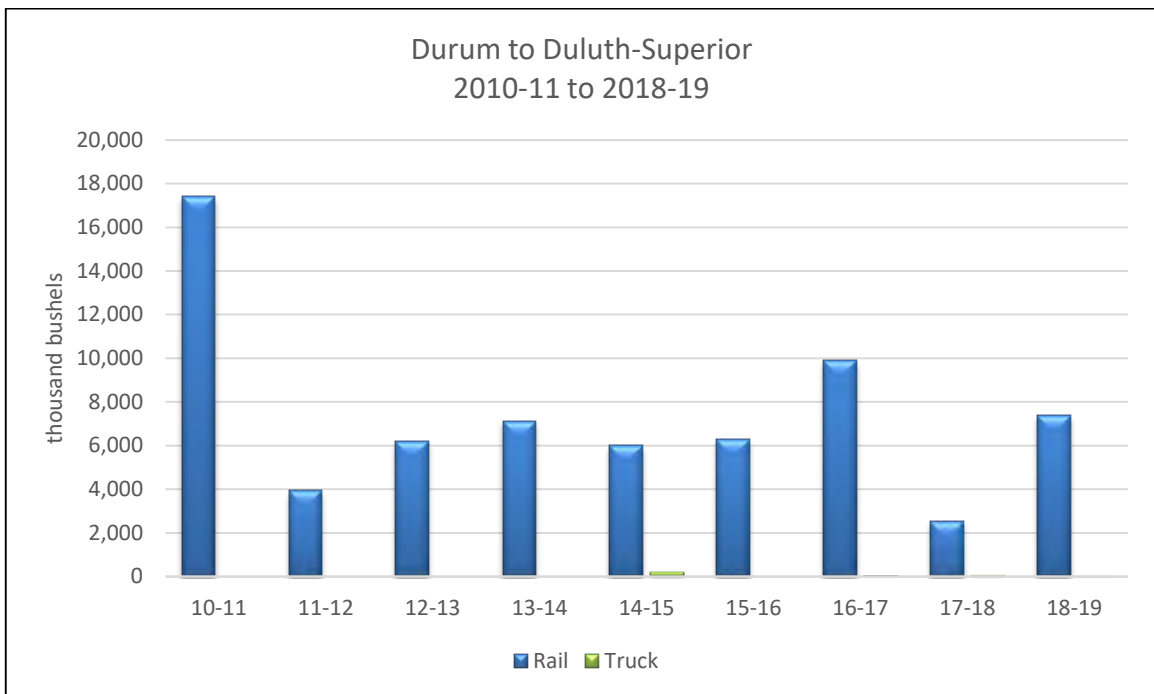
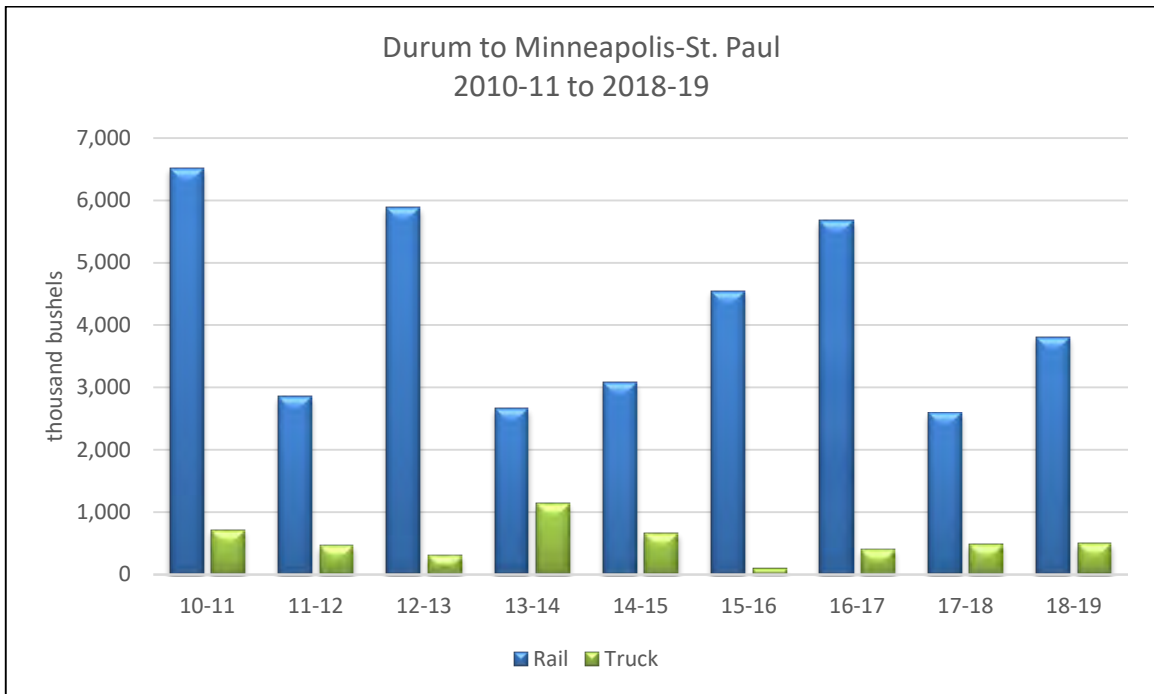
North Dakota Durum Shipments by Destination (thousand bu.)

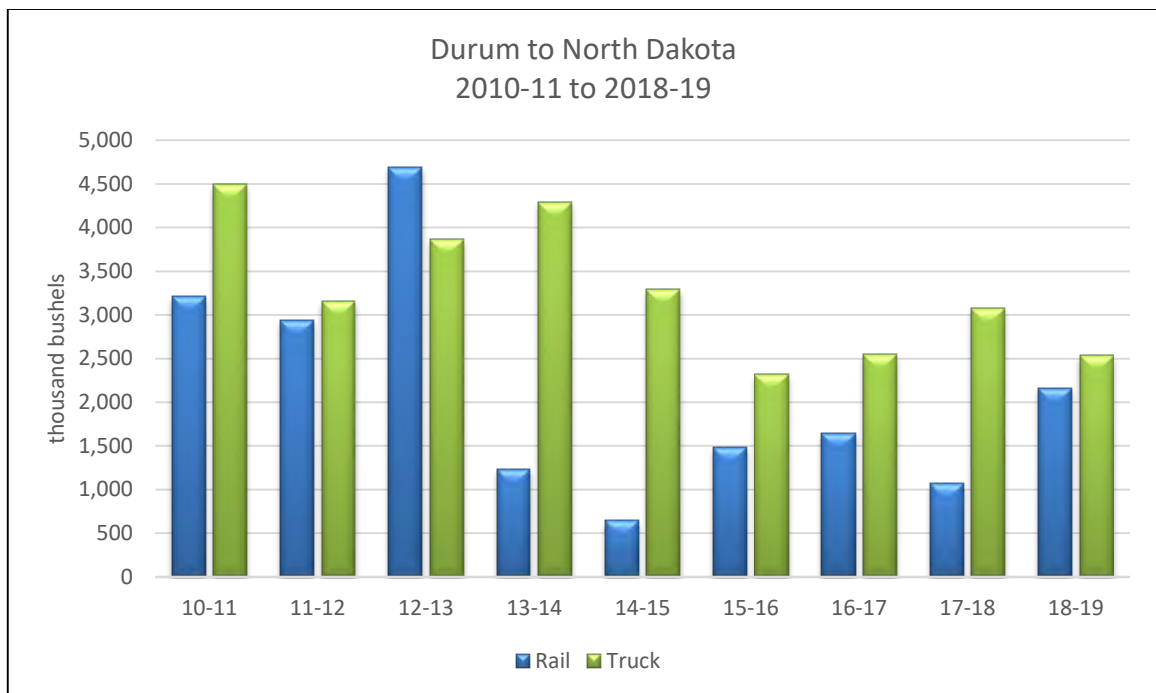
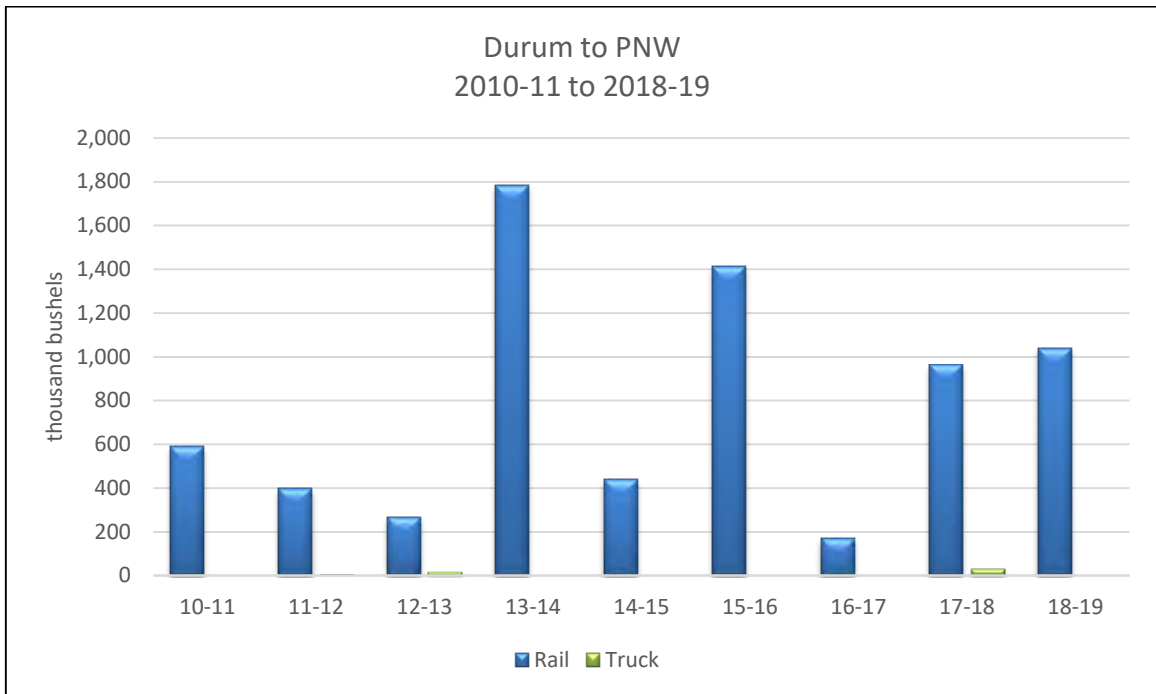
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	7,235	17,424	591	7,703	3,639	7,370	8,824	52,786
	14%	33%	1%	15%	7%	14%	17%	100%
2011-12	3,320	3,949	404	6,101	1,852	4,729	3,894	24,249
	14%	16%	2%	25%	8%	20%	16%	100%
2012-13	6,190	6,207	287	8,557	4,933	7,127	5,195	38,496
	16%	16%	1%	22%	13%	19%	13%	100%
2013-14	3,806	7,125	1,784	5,530	5,005	7,477	3,860	34,587
	11%	21%	5%	16%	14%	22%	11%	100%
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%

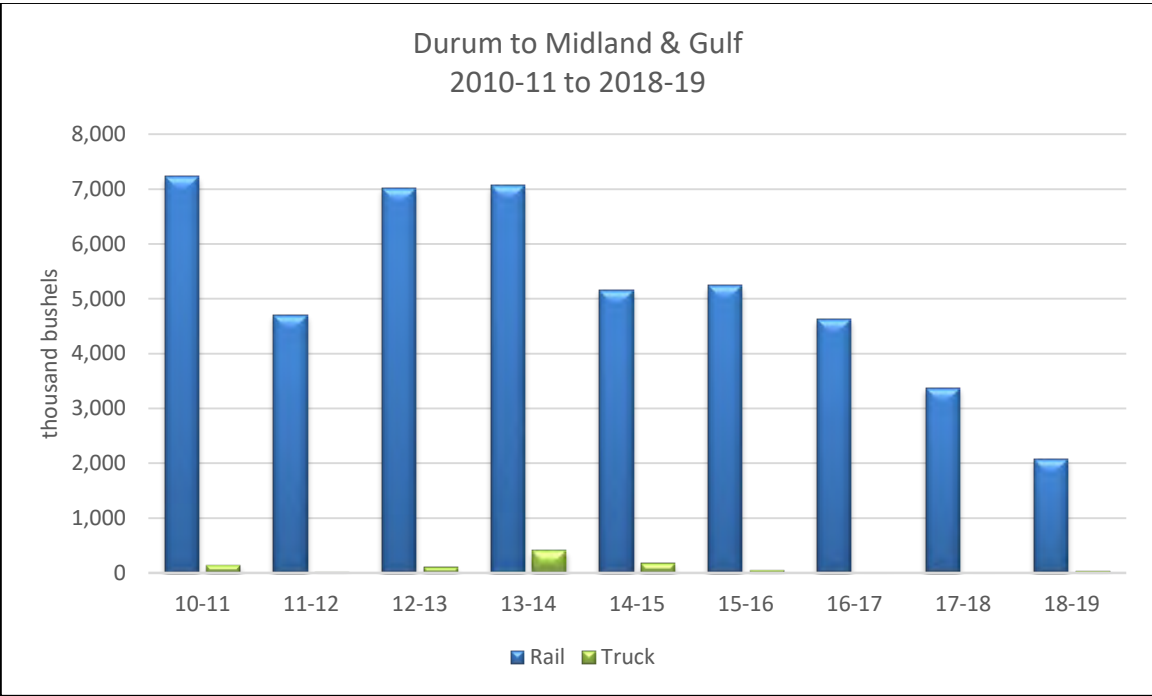
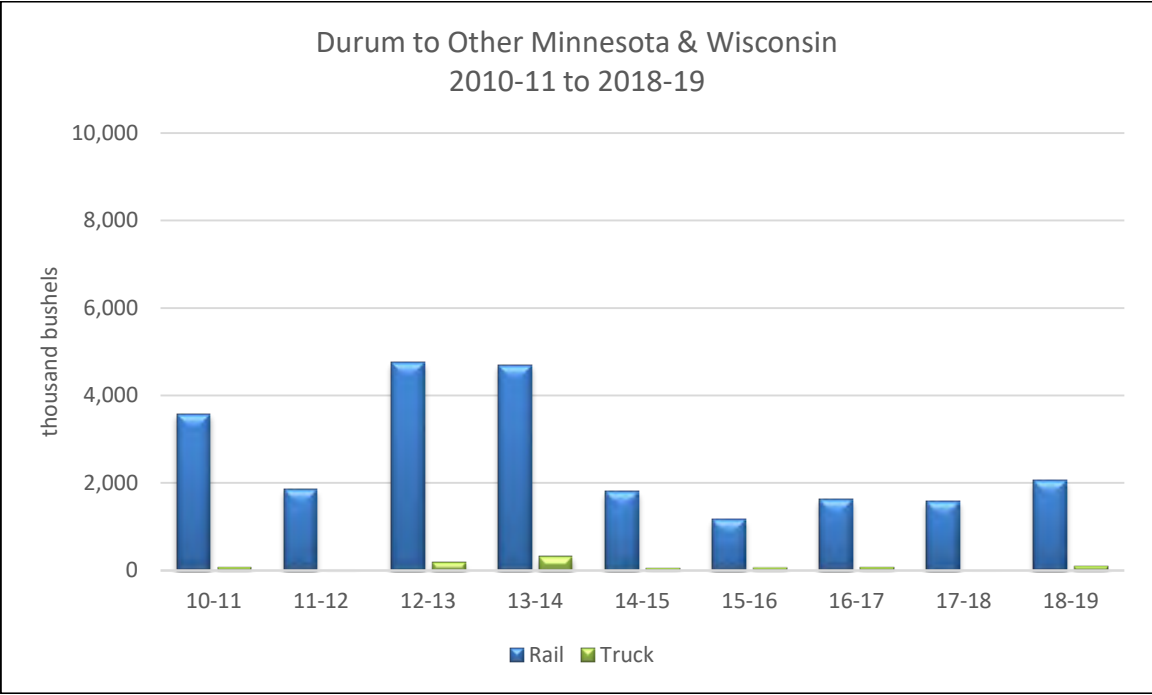


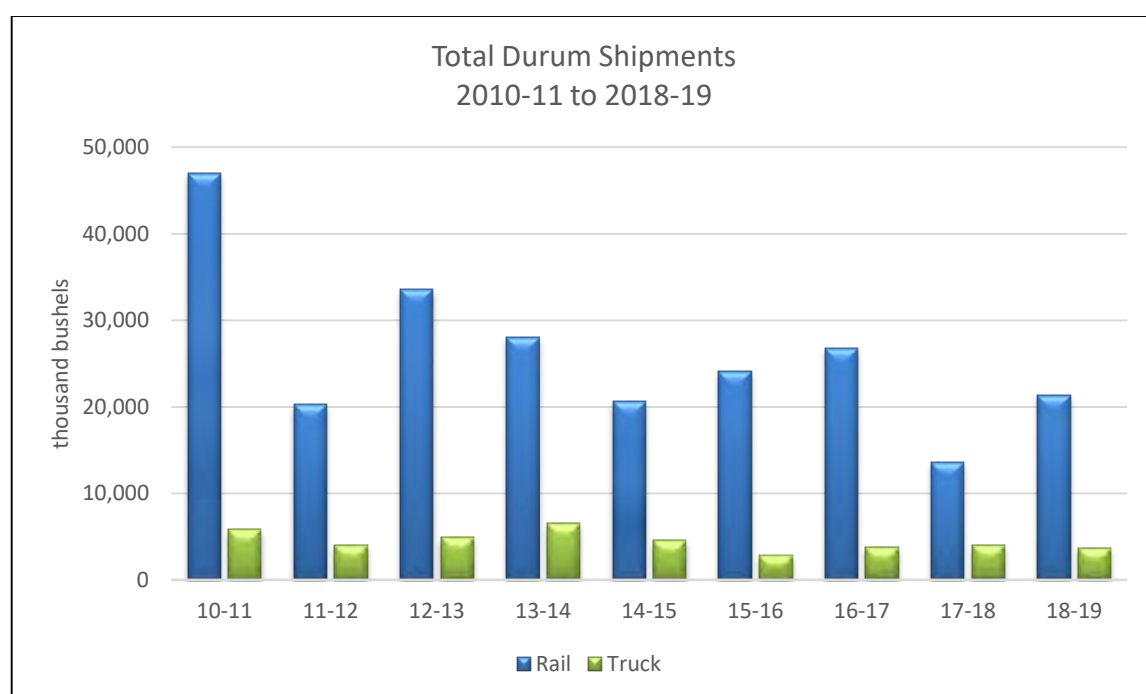
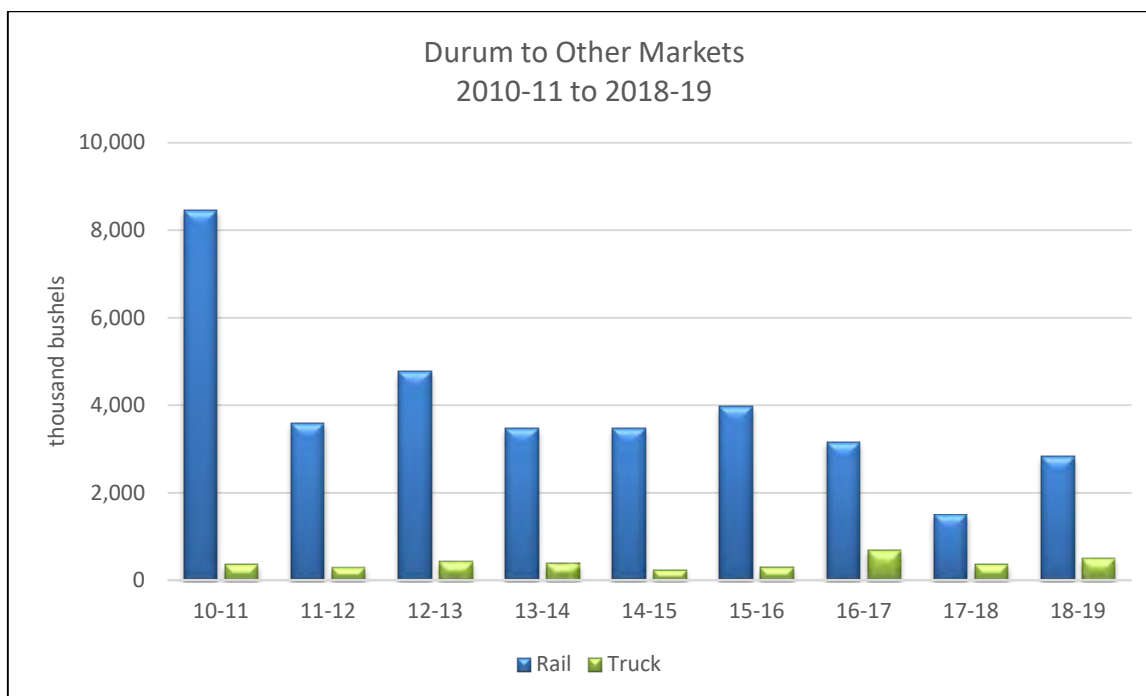
North Dakota Durum Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	6,519	716	17,413	11	591	0	3,210	4,493	3,572	66	7,231	139	8,466	358	47,002	5,784
	90%	10%	100%	0%	100%	0%	42%	58%	98%	2%	98%	2%	96%	4%	89%	11%
2011-12	2,855	465	3,934	15	400	4	2,944	3,157	1,843	9	4,710	19	3,592	302	20,278	3,972
	86%	14%	100%	0%	99%	1%	48%	52%	100%	0%	100%	0%	92%	8%	84%	16%
2012-13	5,881	309	6,203	4	268	18	4,694	3,864	4,746	187	7,021	106	4,764	431	33,576	4,919
	95%	5%	100%	0%	94%	6%	55%	45%	96%	4%	99%	1%	92%	8%	87%	13%
2013-14	2,669	1,137	7,125	0	1,784	0	1,237	4,293	4,693	312	7,067	410	3,471	389	28,046	6,541
	70%	30%	100%	0%	100%	0%	22%	78%	94%	6%	95%	5%	90%	10%	81%	91%
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%





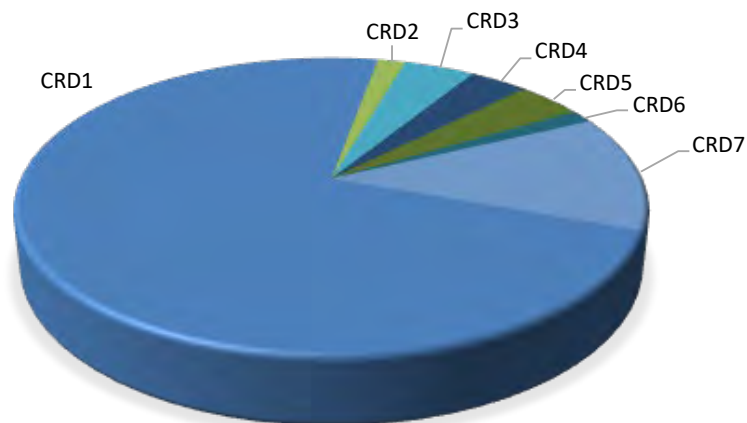




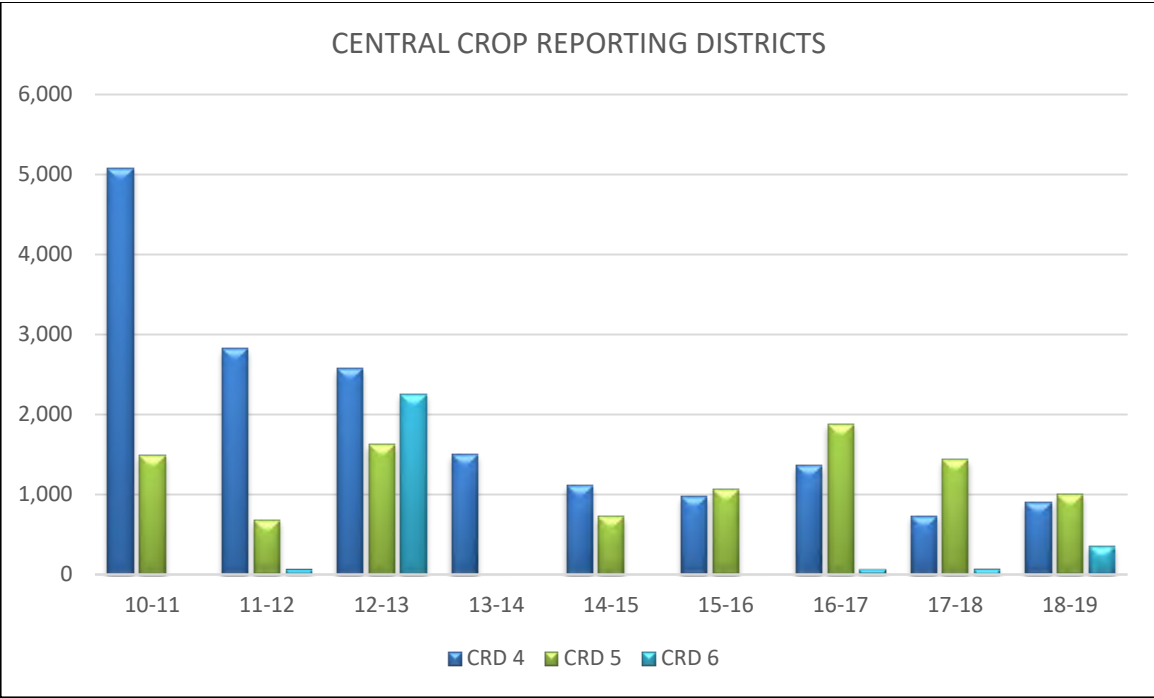
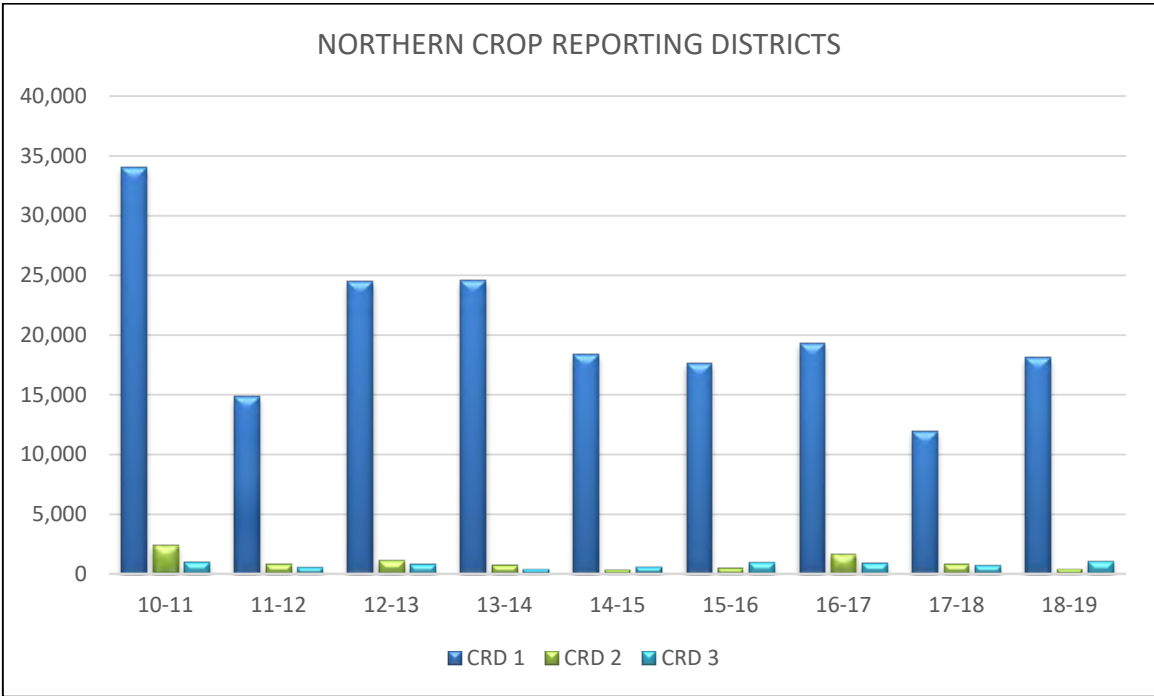
North Dakota Durum Shipments by Crop Reporting District Origin (thousand bu.)

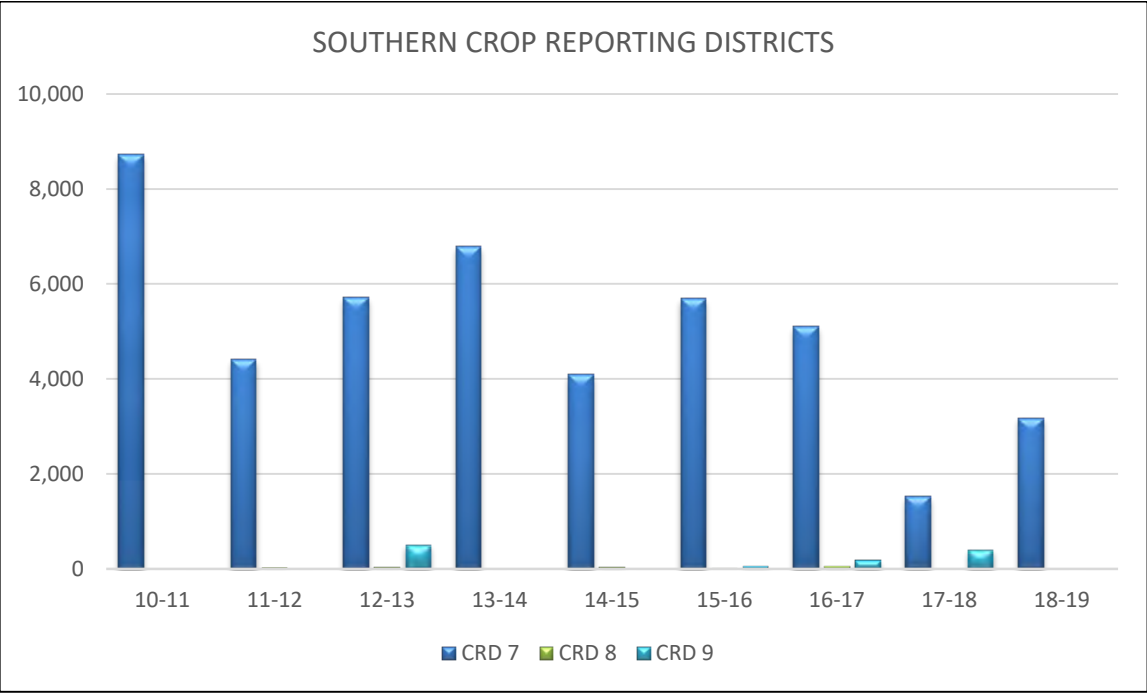
YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	34,073	2,400	975	5,084	1,485	0	8,730	30	9	52,786
	65%	5%	2%	10%	3%	0%	17%	0%	0%	100%
2011-12	14,862	816	578	2,821	679	60	4,409	23	0	24,249
	61%	3%	2%	12%	3%	0%	18%	0%	0%	100%
2012-13	24,535	1,127	764	2,576	1,627	2,254	5,079	29	505	38,496
	64%	3%	2%	7%	4%	6%	13%	0%	1%	100%
2013-14	24,577	732	378	1,496	535	0	6,794	58	17	34,587
	71%	2%	1%	4%	2%	0%	20%	0%	0%	100%
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%

DURUM SHIPMENTS
BY CROP REPORTING DISTRICT ORIGIN, 2018-19



Durum Shipments by Crop Reporting District (thousand bu.)

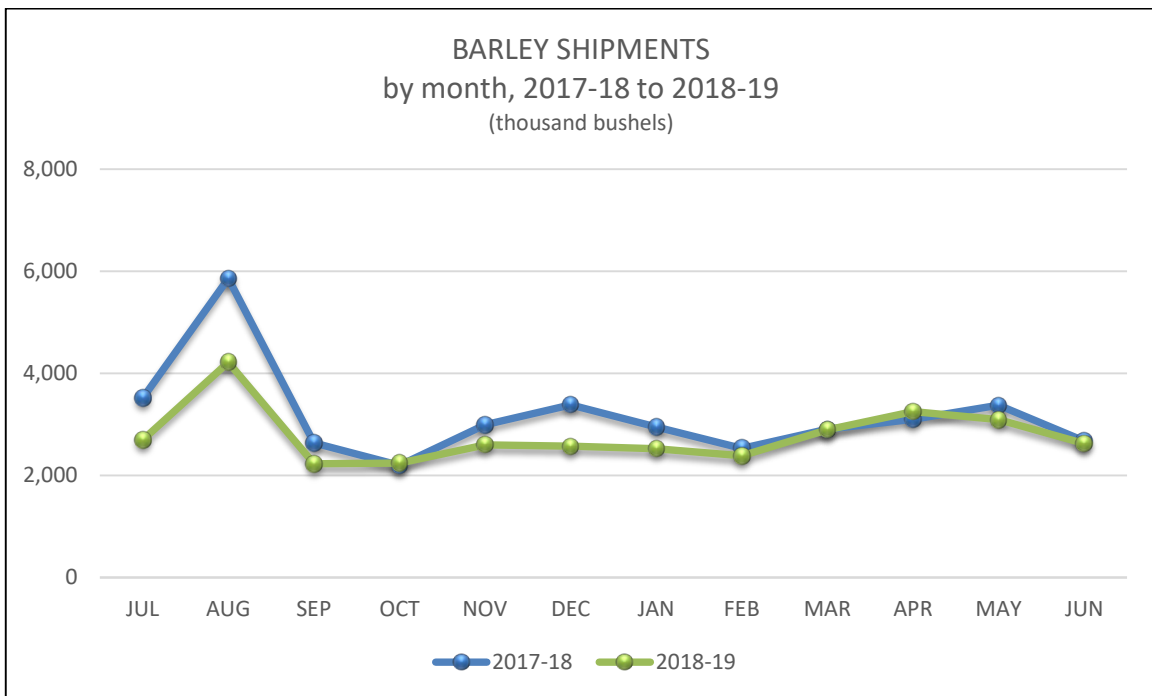
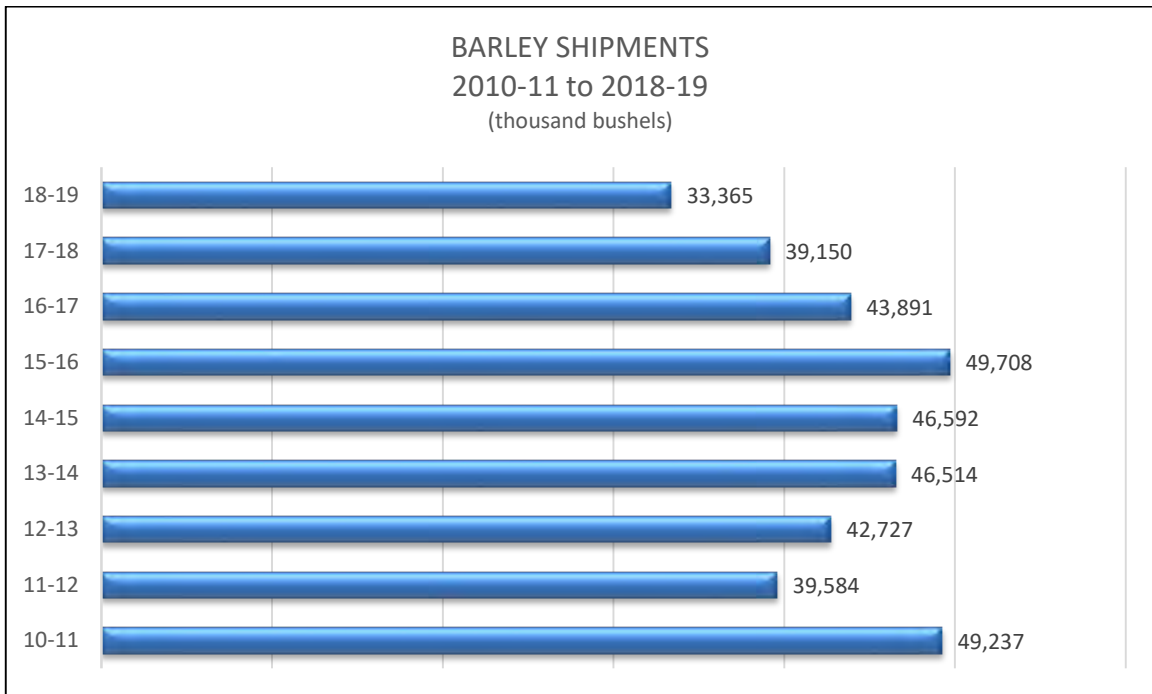




BARLEY SHIPMENTS

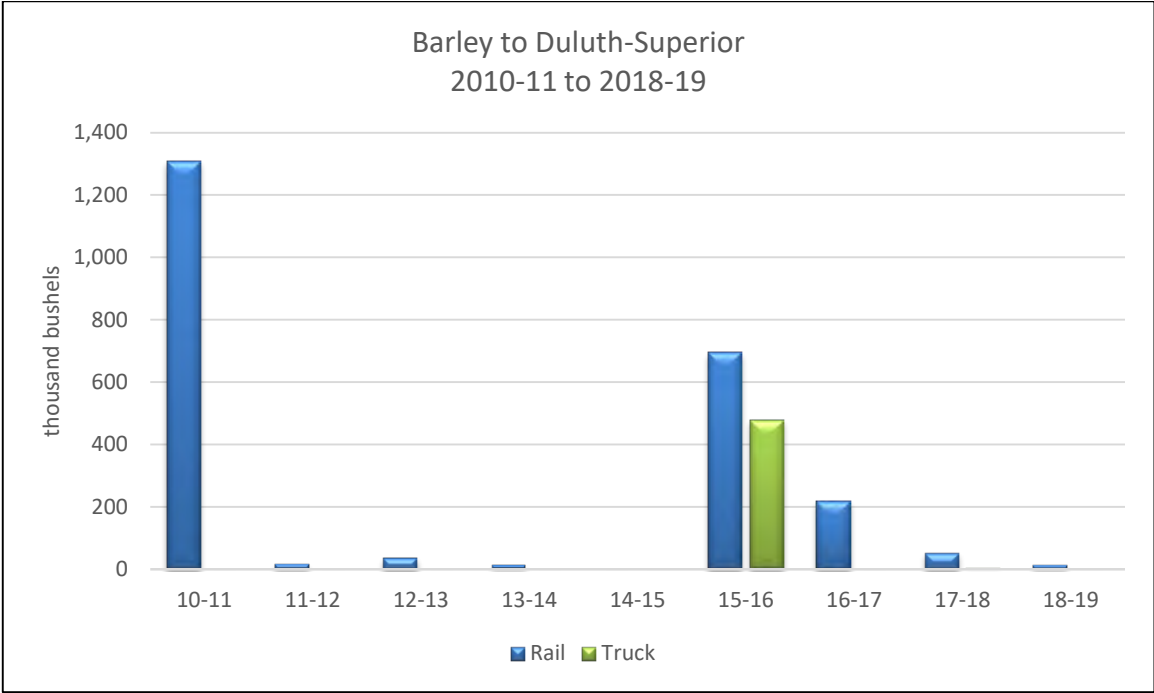
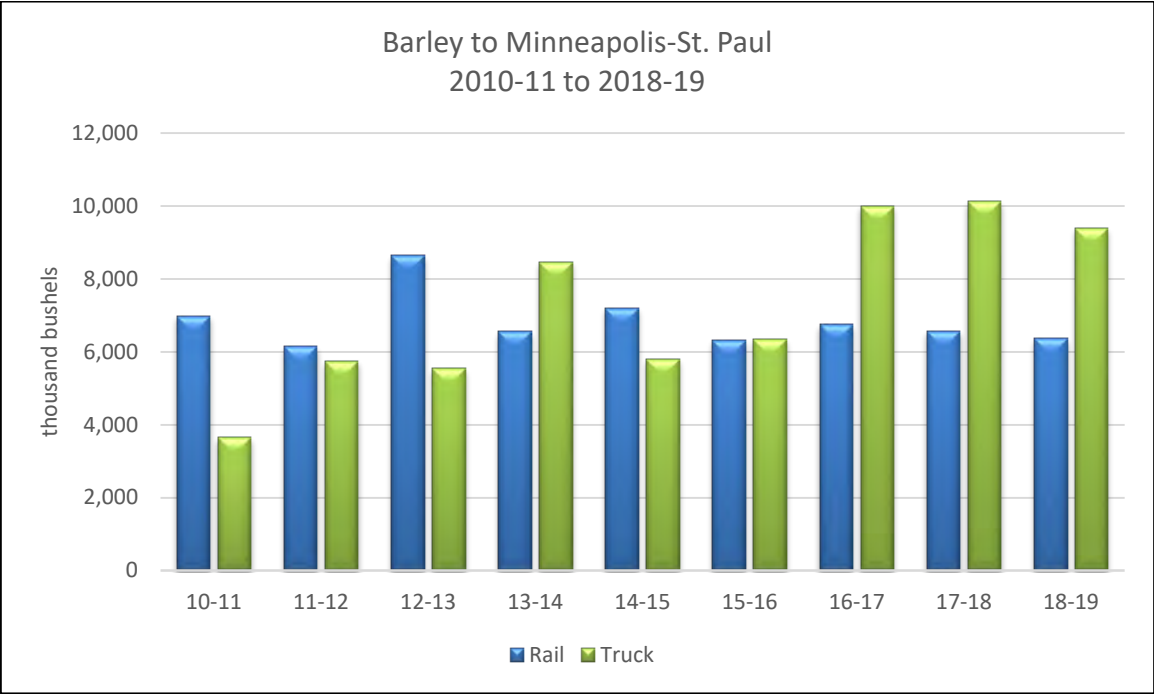
North Dakota Barley Shipments by Destination (thousand bu.)

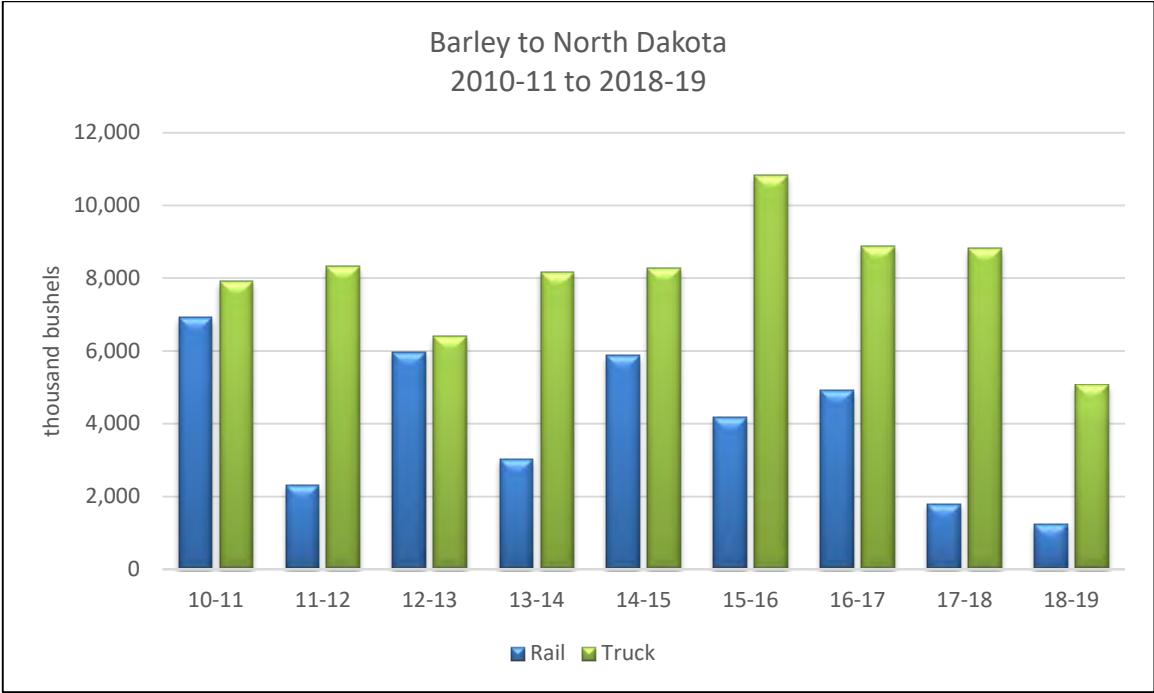
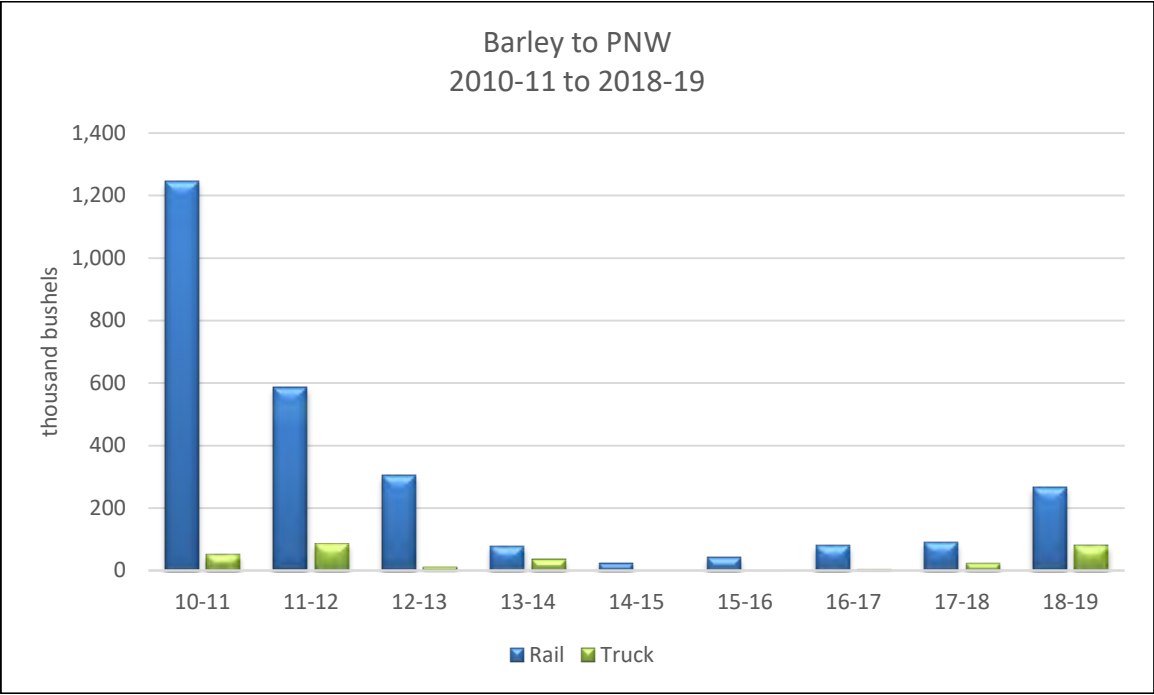
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	10,636	1,309	1,300	14,823	11,035	3,289	6,845	49,237
	22%	3%	3%	30%	22%	7%	14%	100%
2011-12	11,900	17	672	10,649	9,150	2,067	5,138	39,584
	30%	0%	2%	27%	23%	5%	13%	100%
2012-13	14,179	36	315	12,375	9,396	2,158	4,268	42,727
	33%	0%	1%	29%	22%	5%	10%	100%
2013-14	15,010	12	114	11,199	10,567	2,502	7,109	46,514
	32%	0%	0%	24%	23%	5%	15%	100%
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%

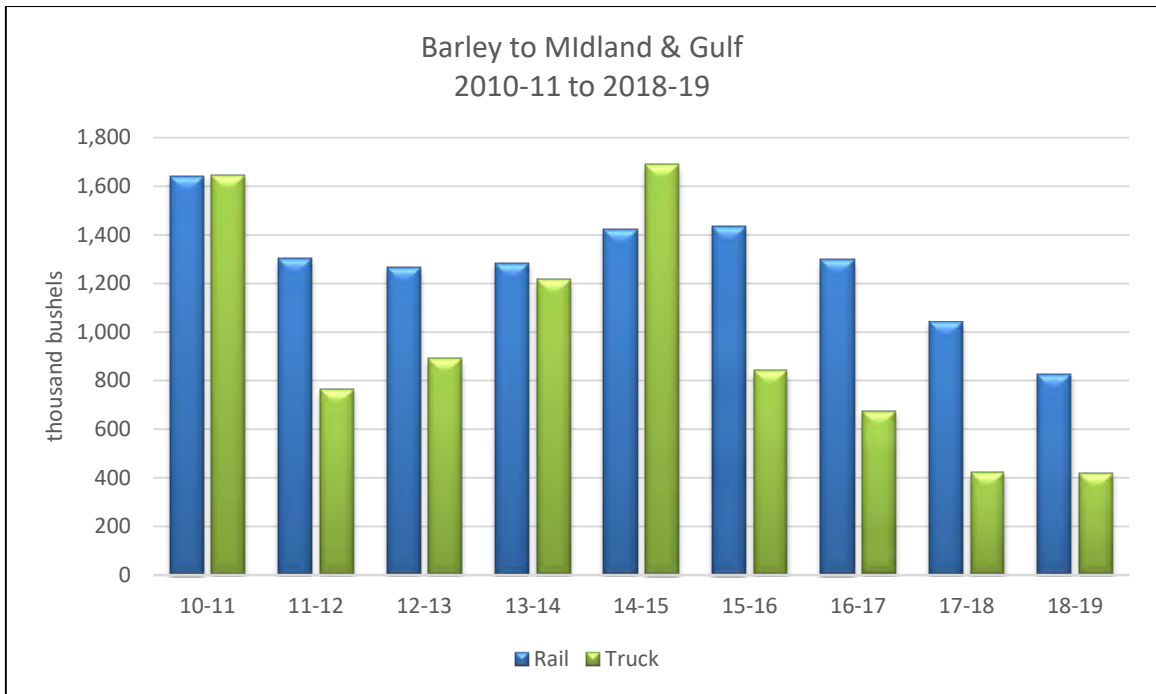
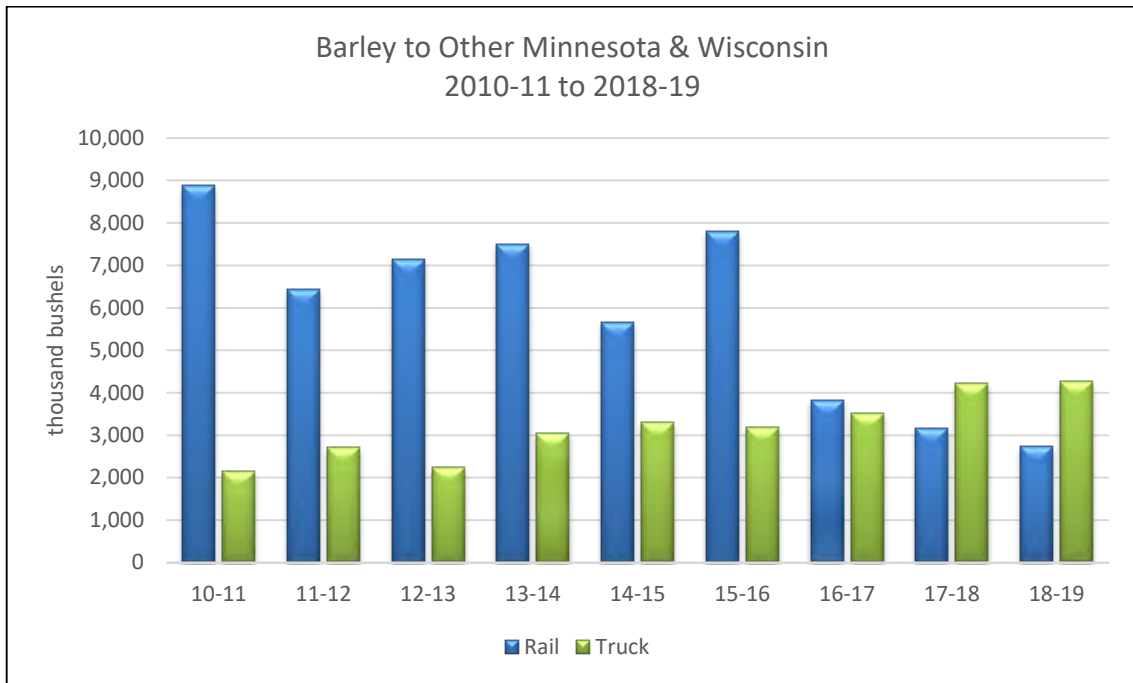


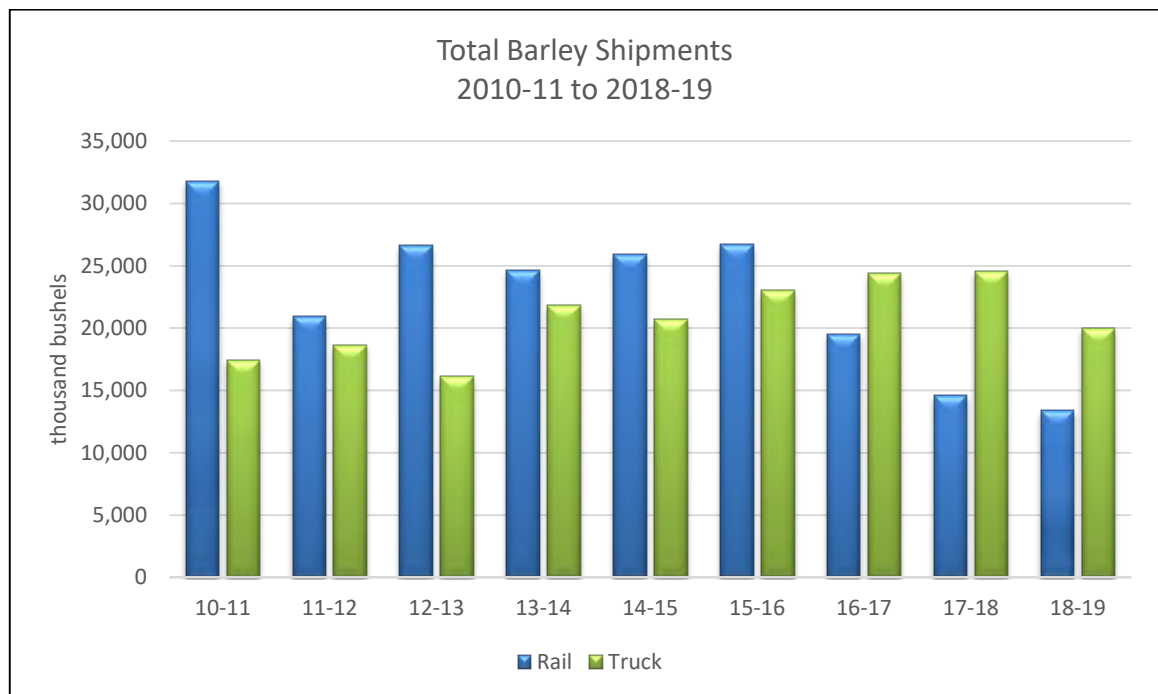
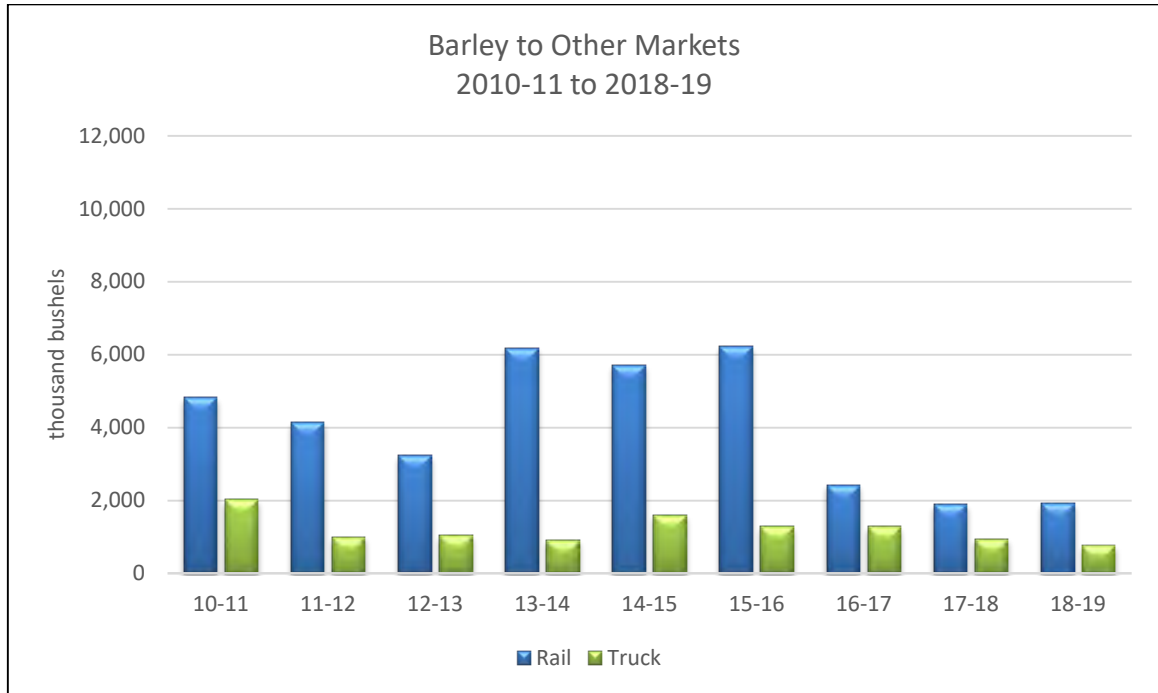
North Dakota Barley Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	6,985	3,651	1,309	0	1,247	53	6,915	7,908	8,881	2,154	1,642	1,647	4,821	2,025	31,800	17,437
	66%	34%	100%	0%	100%	0%	47%	53%	80%	20%	50%	50%	70%	30%	65%	35%
2011-12	6,150	5,750	17	0	586	86	2,313	8,328	6,434	2,717	1,301	766	4,145	993	20,945	18,639
	52%	48%	100%	0%	87%	13%	22%	78%	70%	30%	63%	37%	81%	19%	53%	47%
2012-13	8,642	5,537	36	0	305	11	5,977	6,399	7,156	2,240	1,267	891	3,228	1,040	26,610	16,117
	61%	39%	100%	0%	97%	3%	48%	52%	76%	24%	59%	41%	76%	24%	62%	38%
2013-14	6,550	8,460	12	0	79	36	3,030	8,169	7,511	3,056	1,285	1,217	6,185	924	24,651	21,863
	44%	56%	100%	0%	69%	31%	27%	73%	71%	29%	51%	49%	87%	13%	53%	47%
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%



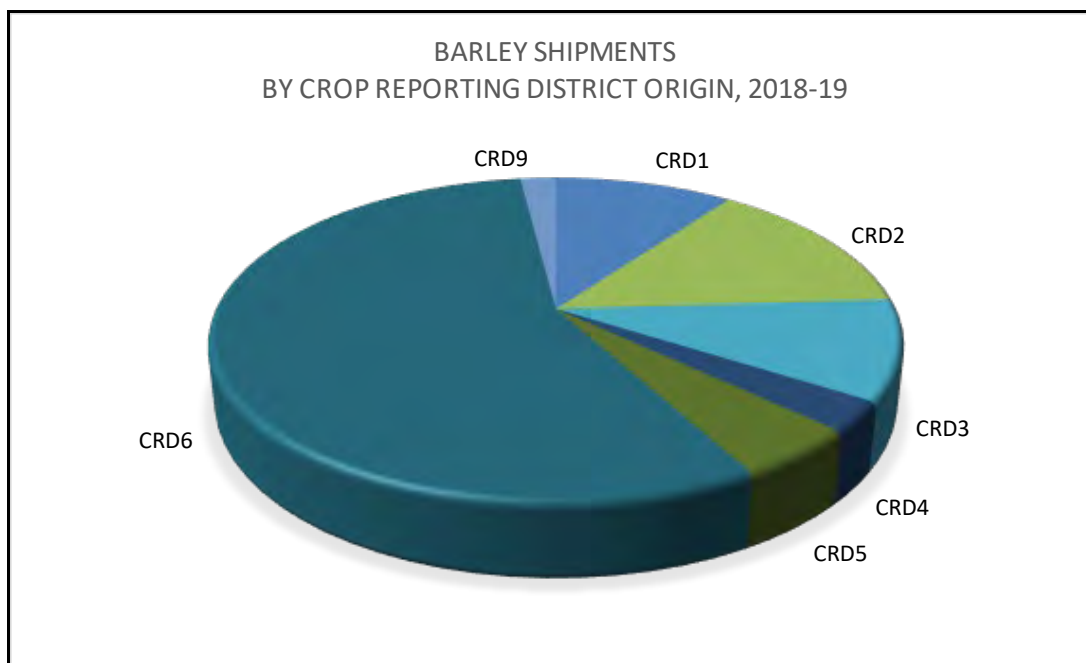




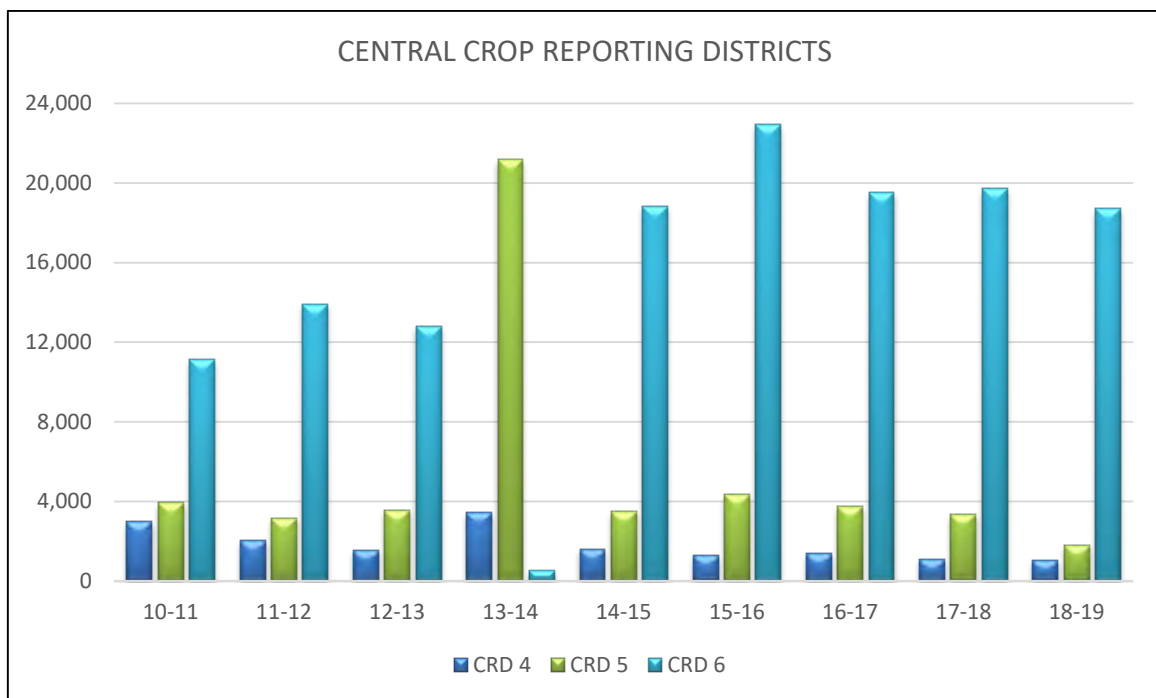
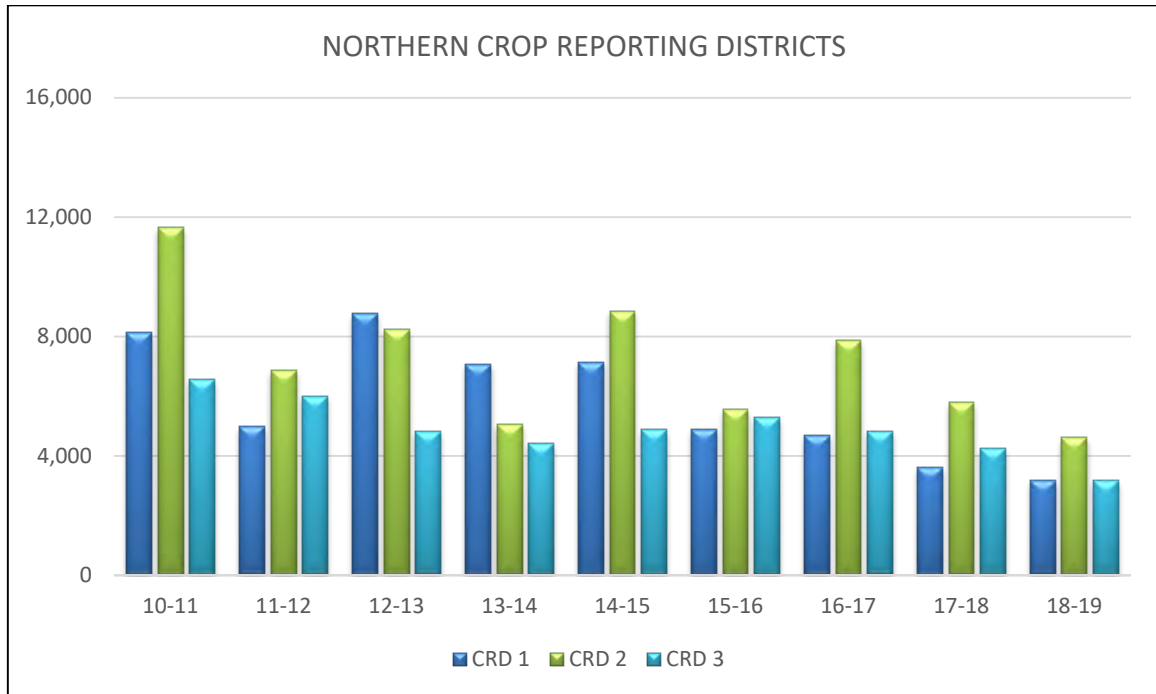


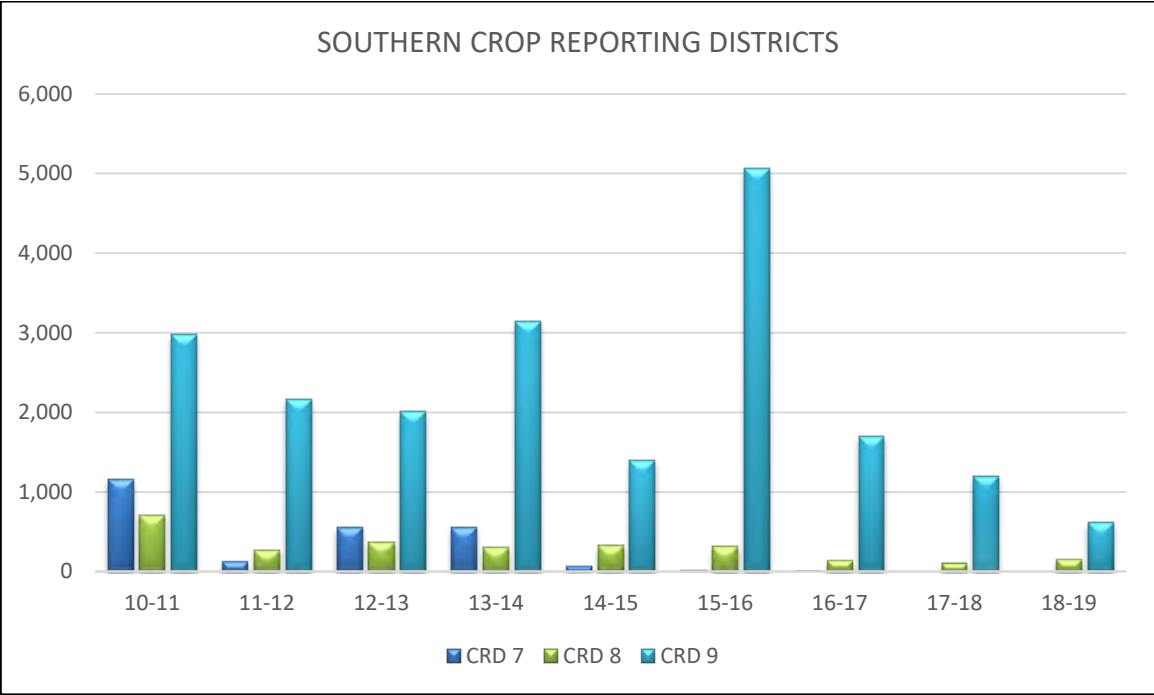
North Dakota Barley Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	8,128	11,643	6,555	2,986	3,937	11,142	1,158	710	2,977	49,237
	17%	24%	13%	6%	8%	23%	2%	1%	6%	100%
2011-12	4,997	6,861	6,010	2,050	3,161	13,934	128	274	2,169	39,584
	13%	17%	15%	5%	8%	35%	0%	1%	5%	100%
2012-13	8,780	8,232	4,830	1,565	3,568	12,817	554	370	2,011	42,727
	21%	19%	11%	4%	8%	30%	1%	1%	5%	100%
2013-14	7,070	5,037	4,433	1,370	3,436	21,172	553	304	3,138	46,514
	15%	11%	10%	3%	7%	46%	1%	1%	7%	100%
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%



Barley Shipments by Crop Reporting District (thousand bu.)

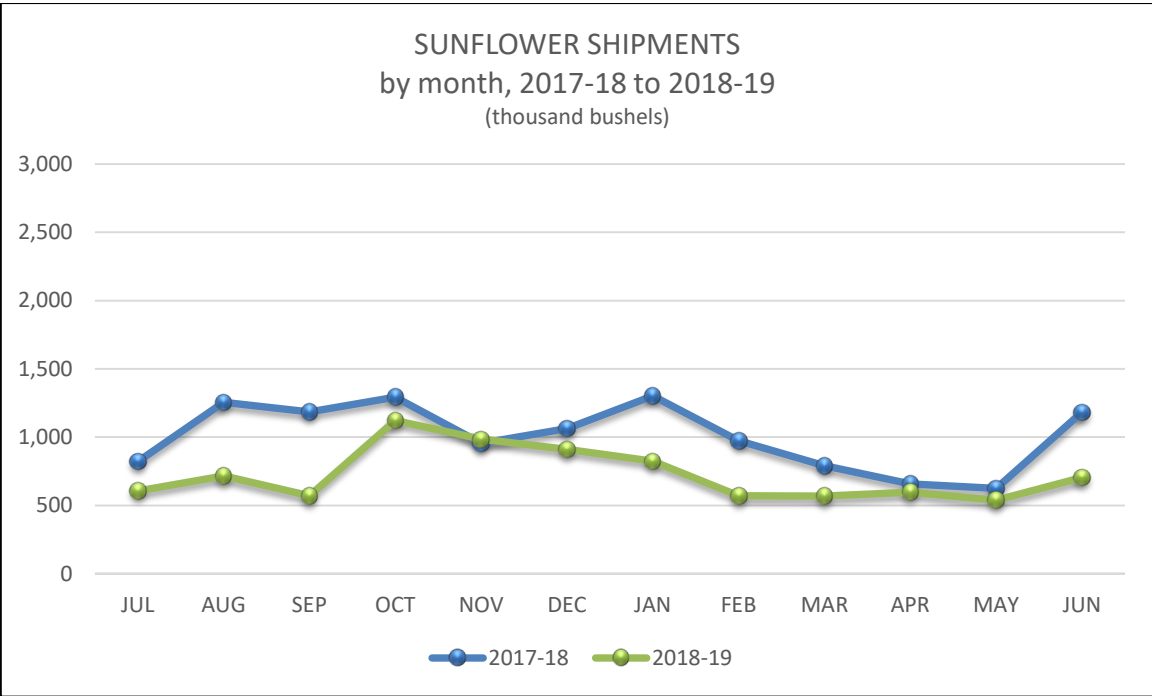
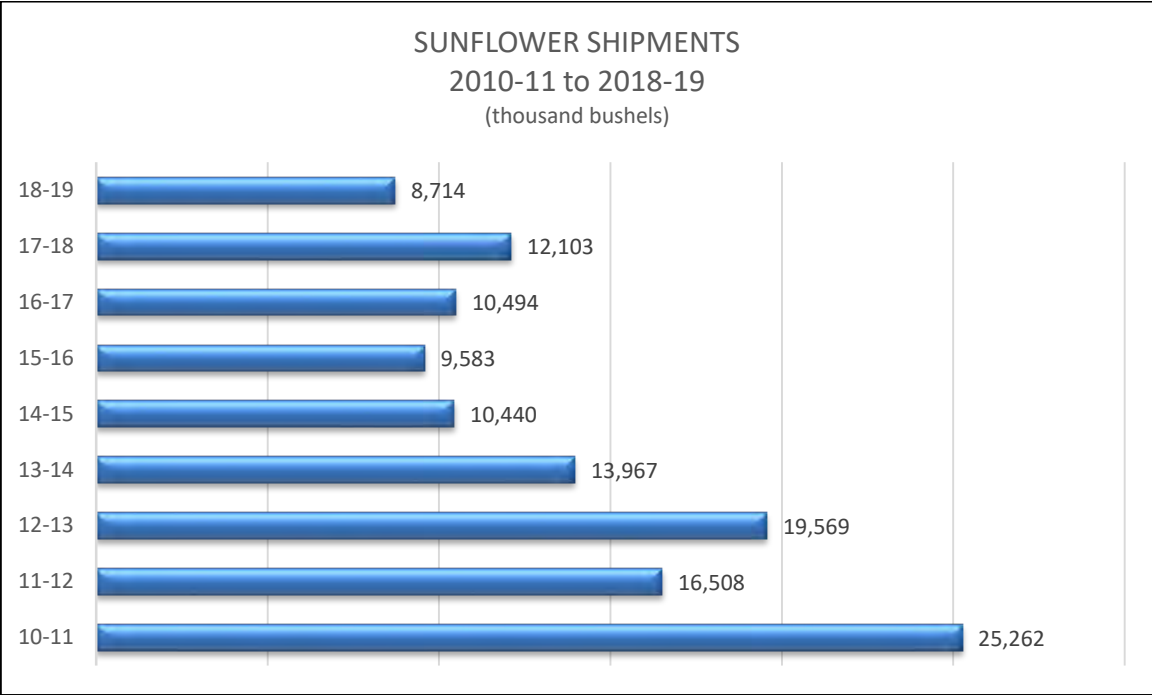




SUNFLOWER SHIPMENTS

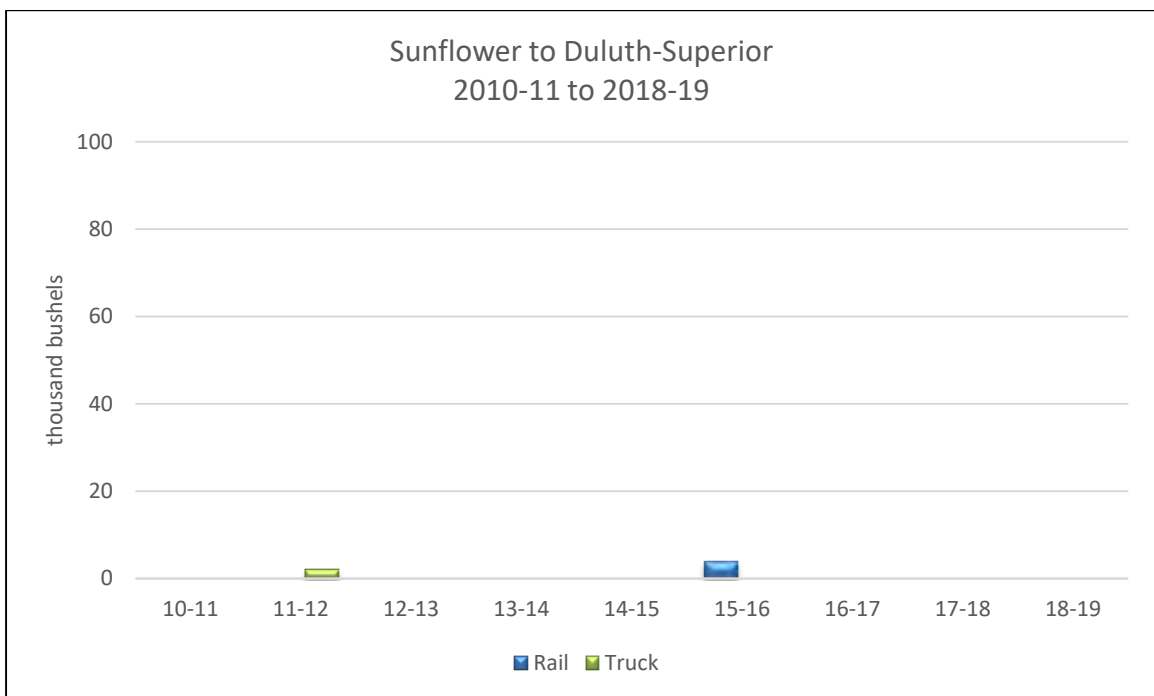
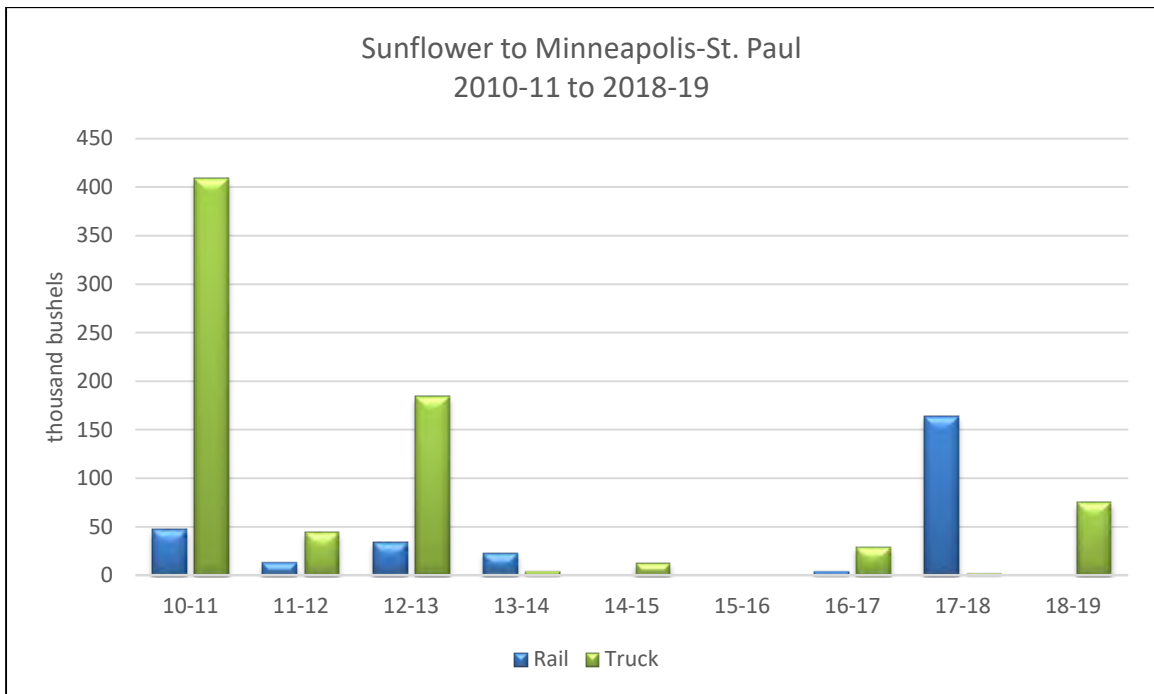
North Dakota Sunflower Shipments by Destination (thousand bu.)

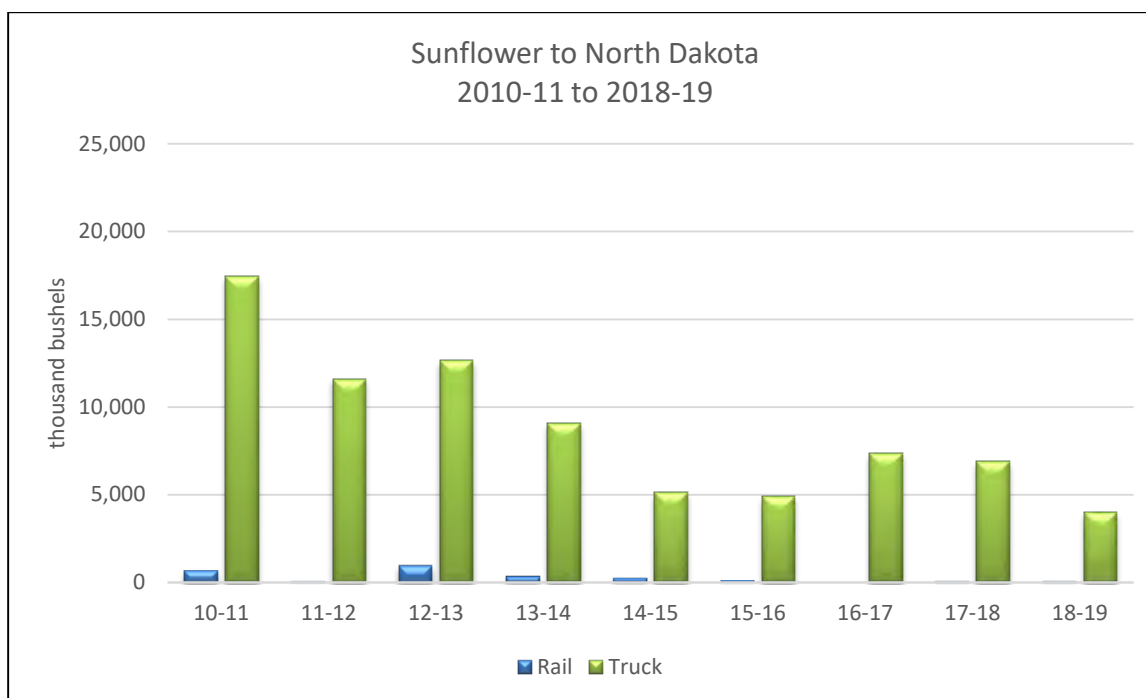
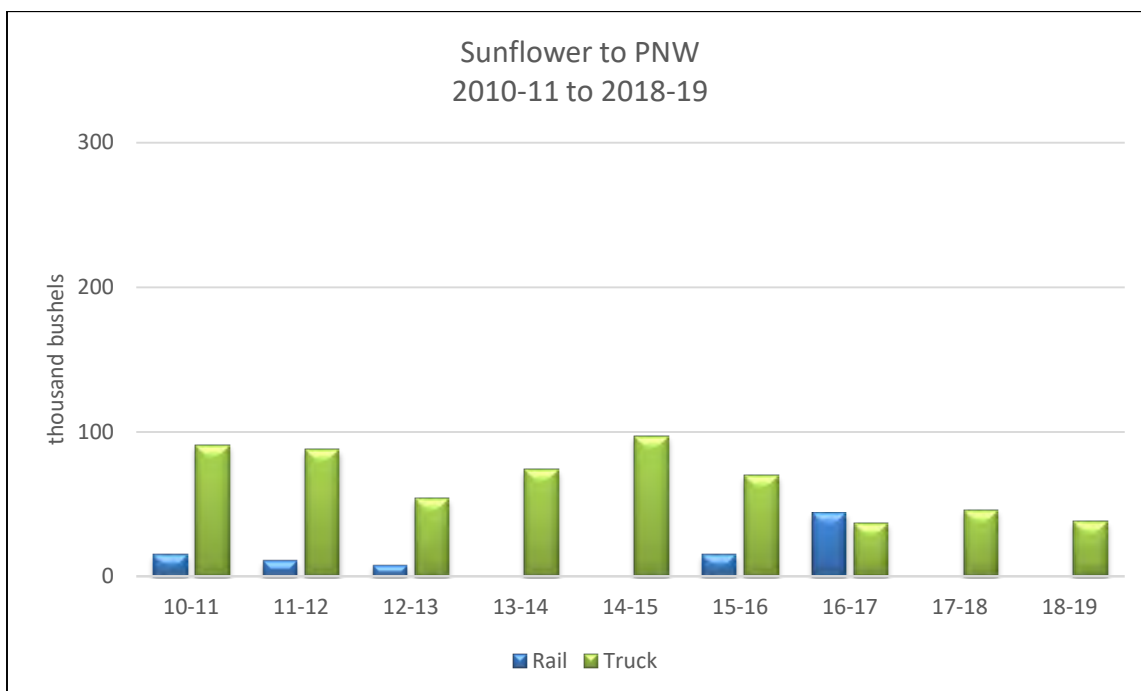
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	456	0	106	18,099	3,063	199	3,351	25,262
	2%	0%	0%	72%	12%	1%	13%	100%
2011-12	57	2	99	11,674	1,343	464	2,877	16,508
	0%	0%	1%	71%	8%	3%	17%	100%
2012-13	218	0	62	13,629	1,940	242	3,484	19,569
	1%	0%	0%	70%	10%	1%	18%	100%
2013-14	27	0	74	9,413	1,797	16	2,639	13,967
	0%	0%	1%	67%	13%	0%	19%	100%
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%

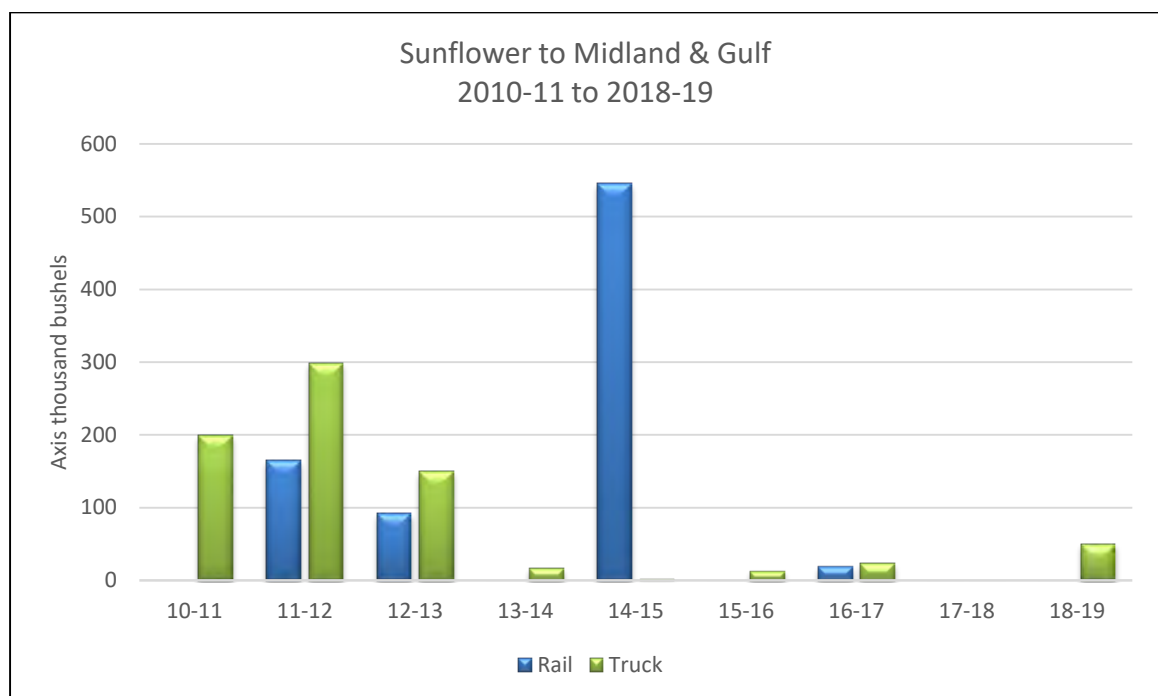
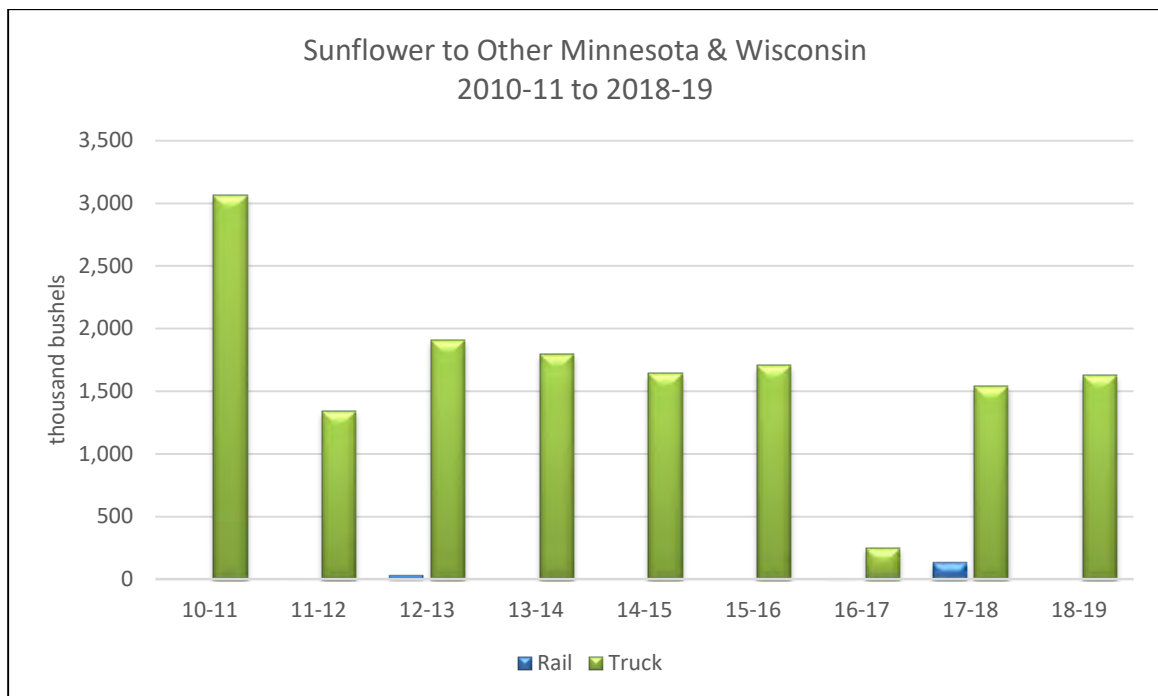


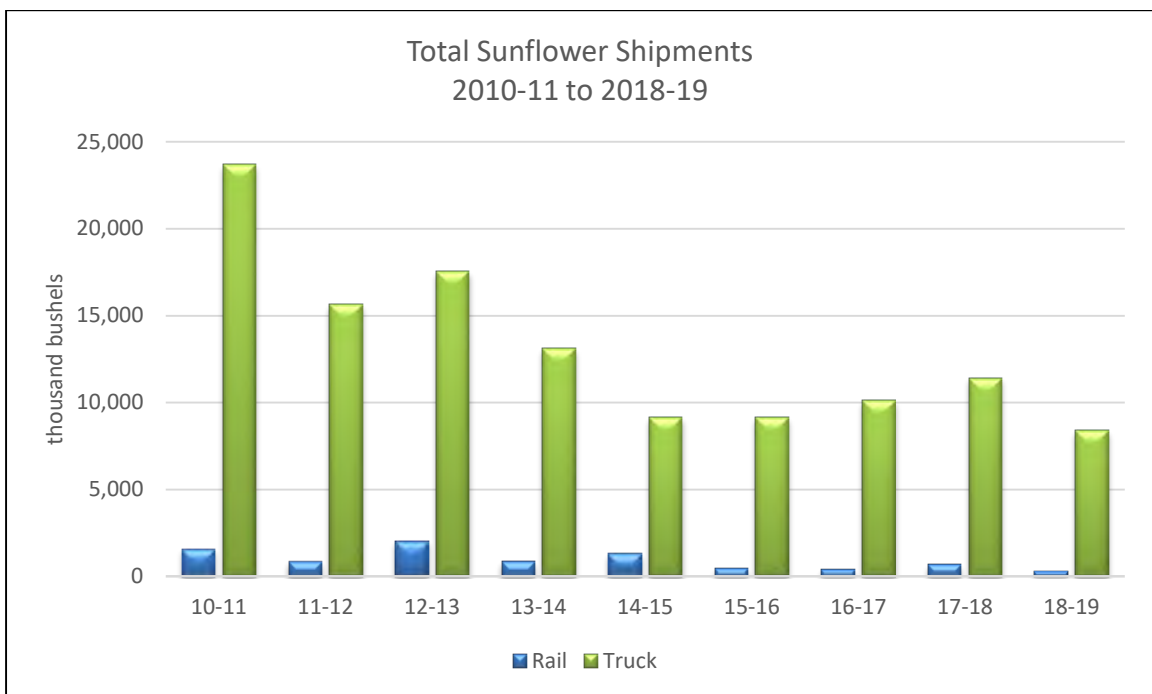
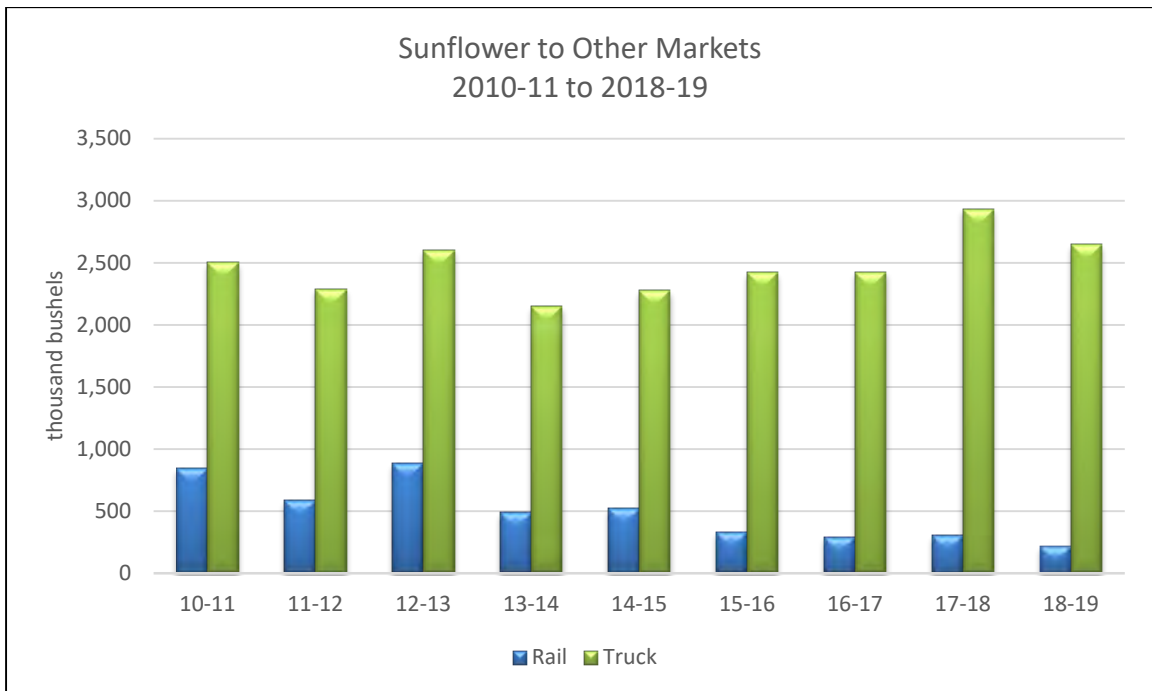
North Dakota Sunflower Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	47	409	0	0	15	91	673	17,426	0	3,063	0	199	846	2,505	1,581	23,681
	10%	90%	0%	0%	14%	86%	4%	96%	0%	100%	0%	100%	25%	75%	6%	94%
2011-12	13	44	0	2	11	88	73	11,601	1	1,342	165	299	587	2,290	850	15,658
	23%	77%	0%	100%	11%	89%	1%	99%	0%	100%	36%	64%	20%	80%	5%	95%
2012-13	34	184	0	0	8	54	987	12,642	29	1,911	92	150	882	2,602	2,032	17,537
	16%	84%	0%	0%	13%	87%	7%	93%	1%	99%	38%	62%	25%	75%	10%	90%
2013-14	23	4	0	0	0	74	348	9,065	0	1,797	0	16	491	2,148	862	13,105
	85%	15%	0%	0%	0%	100%	4%	96%	0%	100%	0%	100%	19%	81%	6%	94%
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%



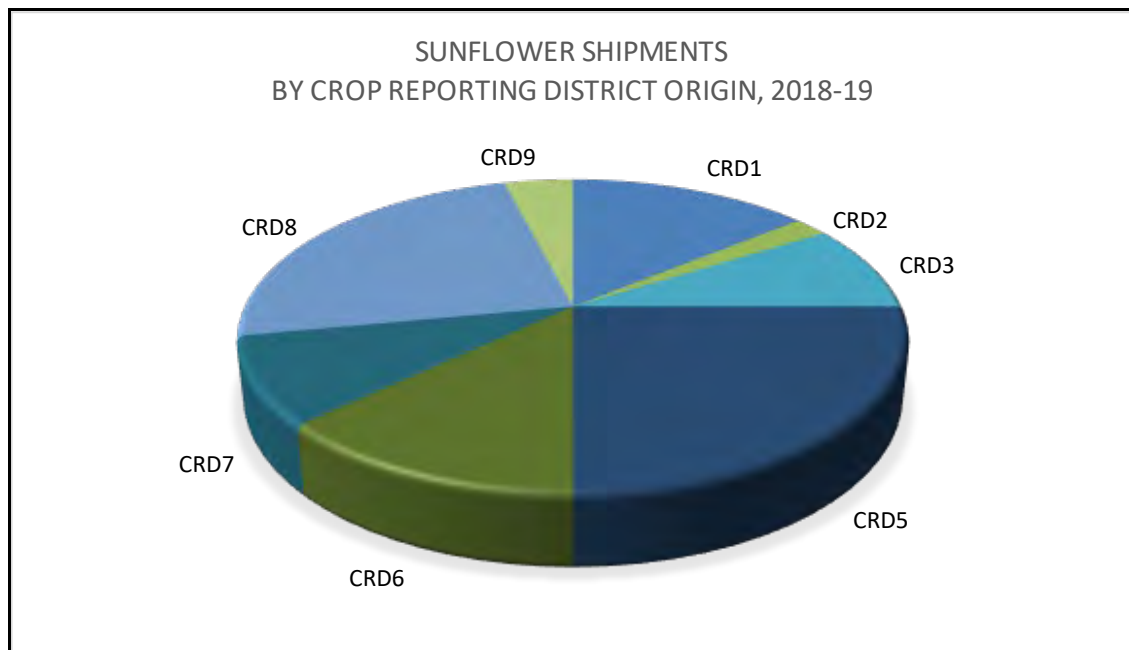




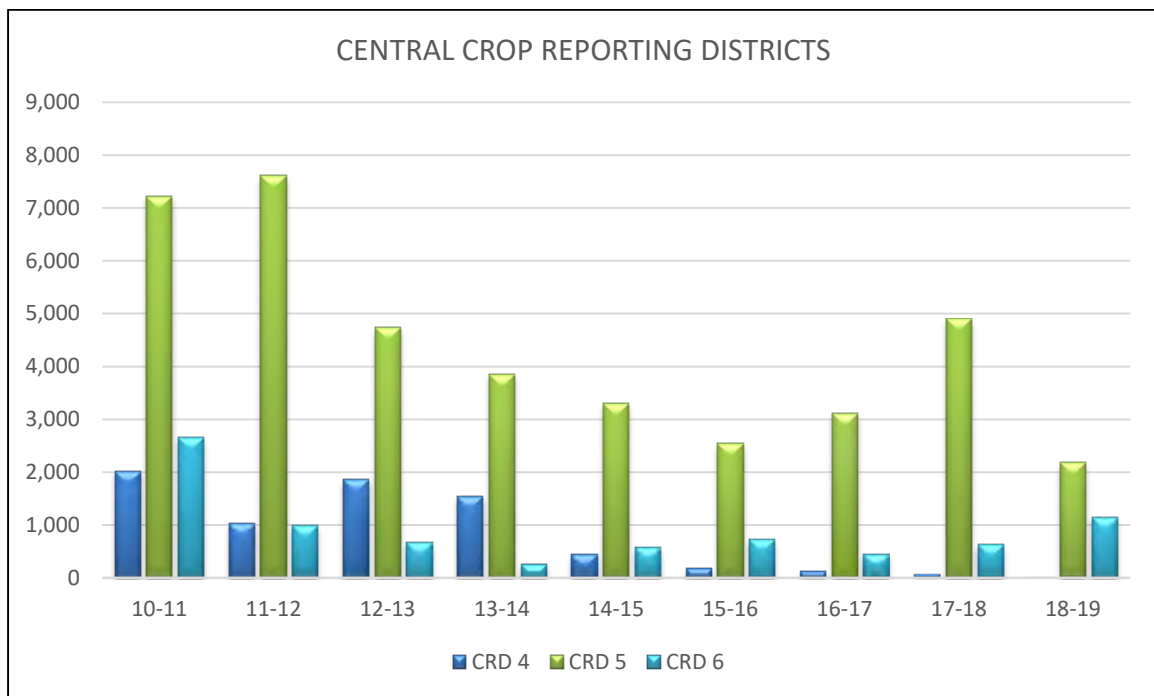
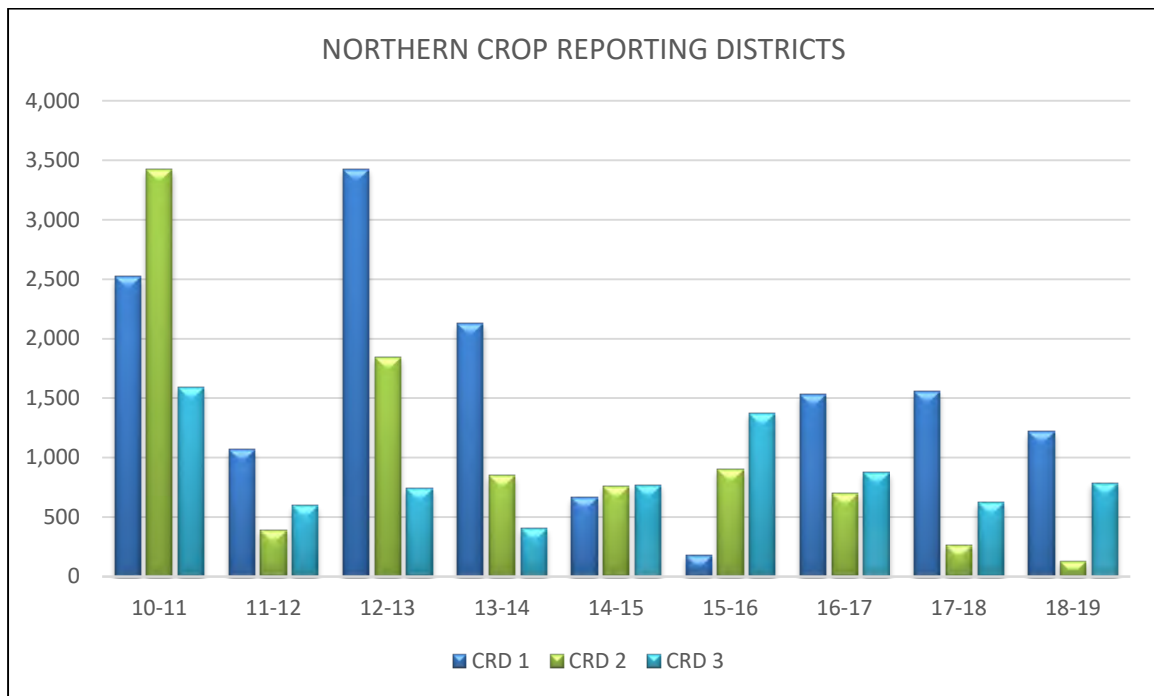


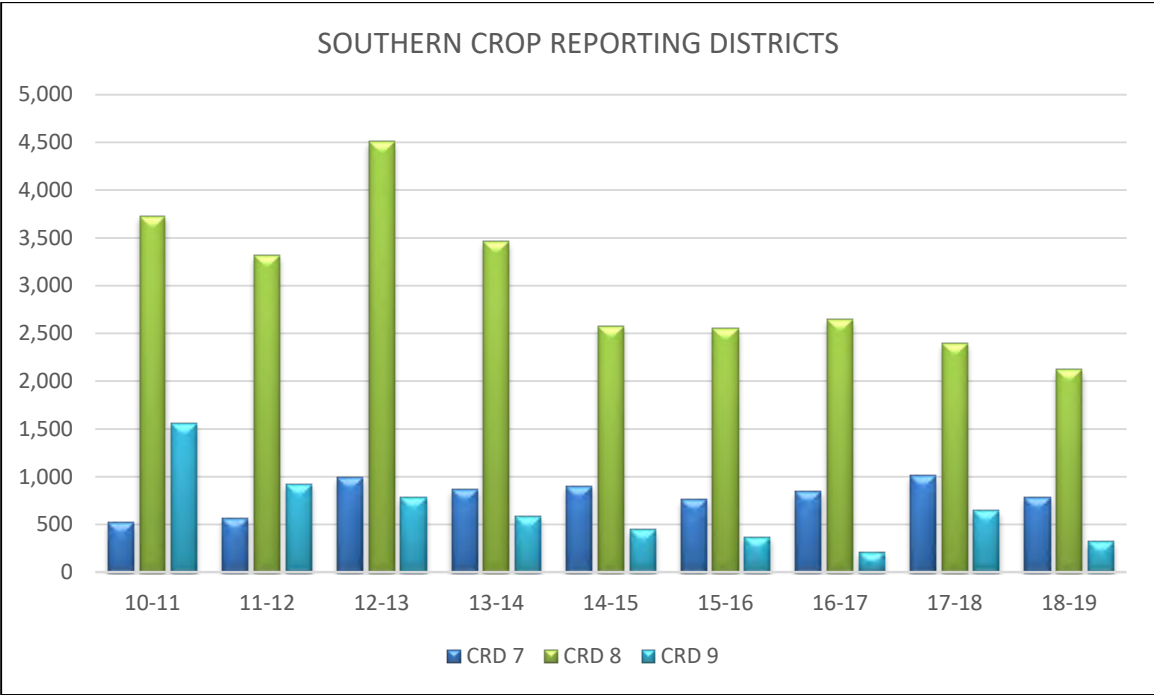
North Dakota Sunflower Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	2,521	3,426	1,594	2,021	7,222	2,659	527	3,730	1,562	25,262
	10%	14%	6%	8%	29%	11%	2%	15%	6%	100%
2011-12	1,070	392	596	1,037	7,620	991	561	3,319	922	16,508
	6%	2%	4%	6%	46%	6%	3%	20%	6%	100%
2012-13	3,427	1,848	739	1,866	4,738	669	990	4,507	785	19,569
	18%	9%	4%	10%	24%	3%	5%	23%	4%	100%
2013-14	2,128	850	408	1,545	3,857	259	868	3,465	587	13,967
	15%	6%	3%	11%	28%	2%	6%	25%	4%	100%
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%



Sunflower Shipments by Crop Reporting District (thousand bu.)

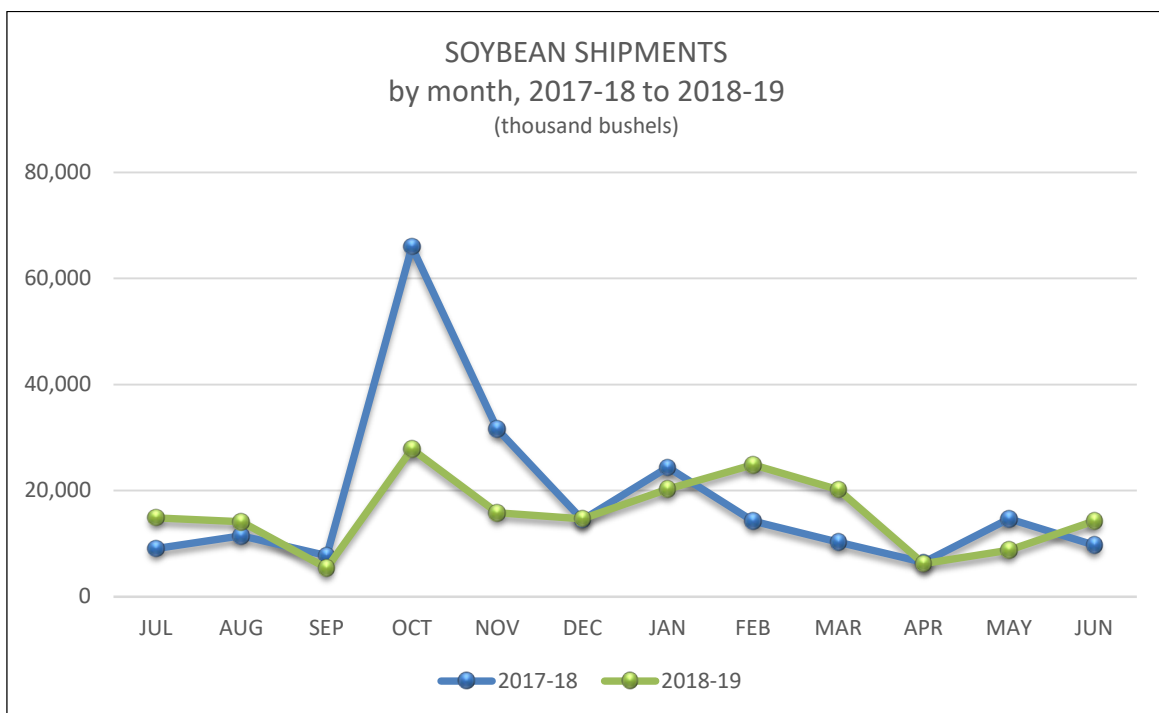
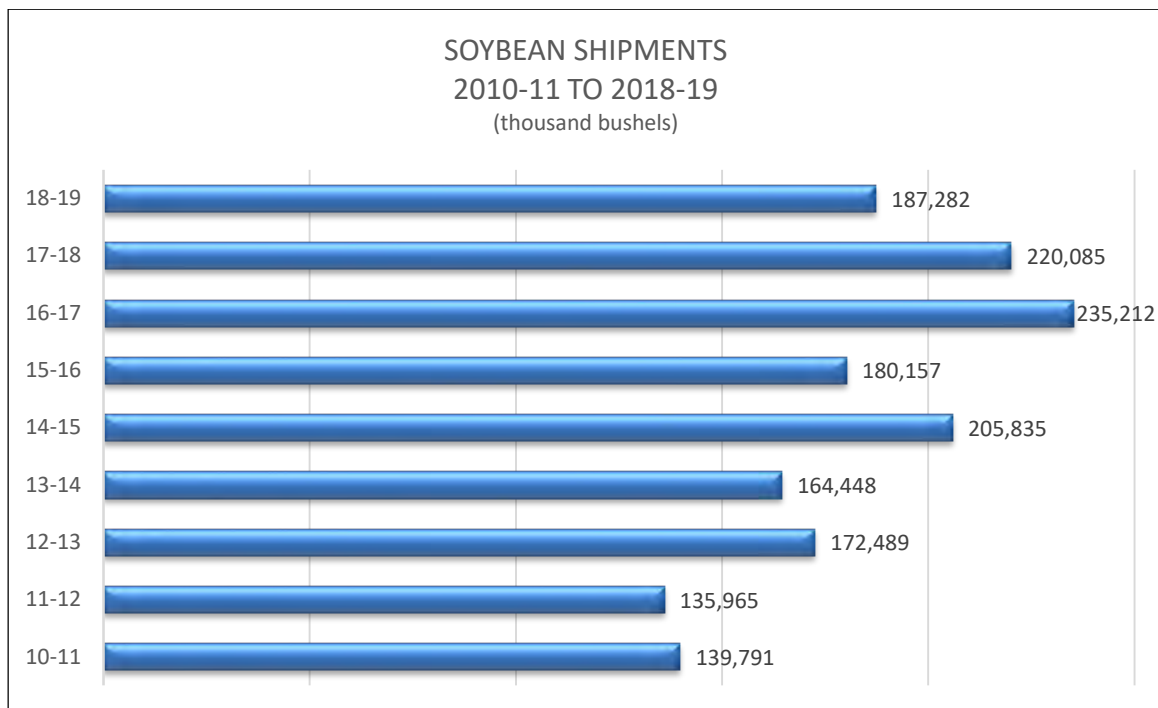




SOYBEAN SHIPMENTS

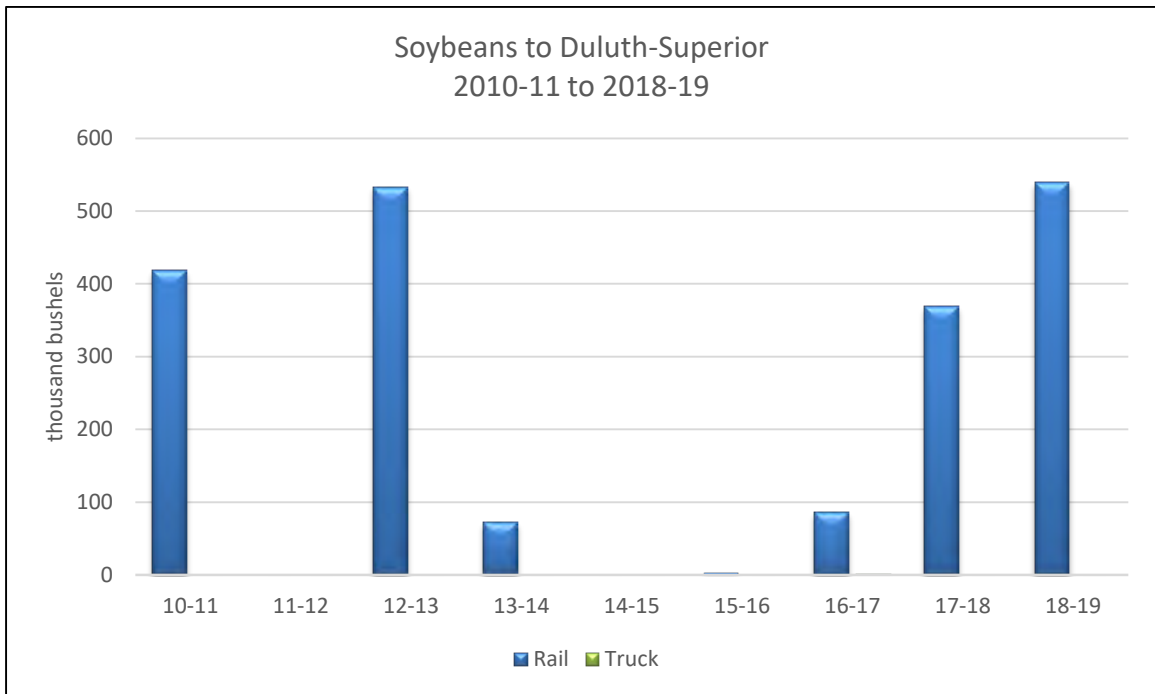
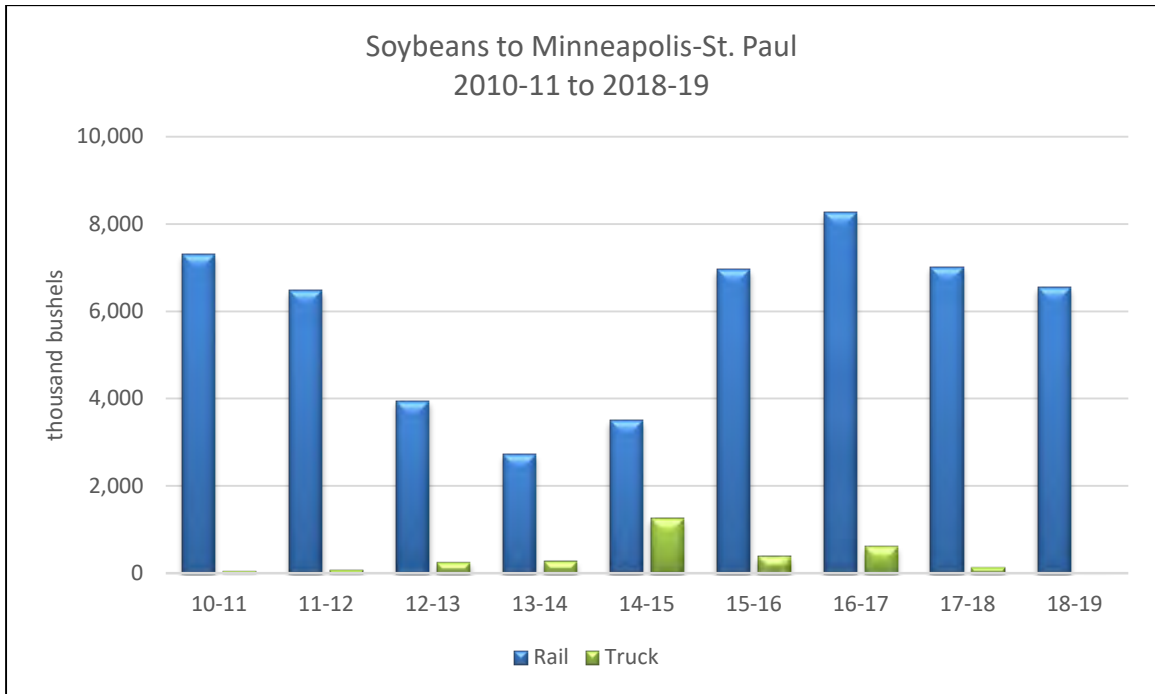
North Dakota Soybean Shipments by Destination (thousand bu.)

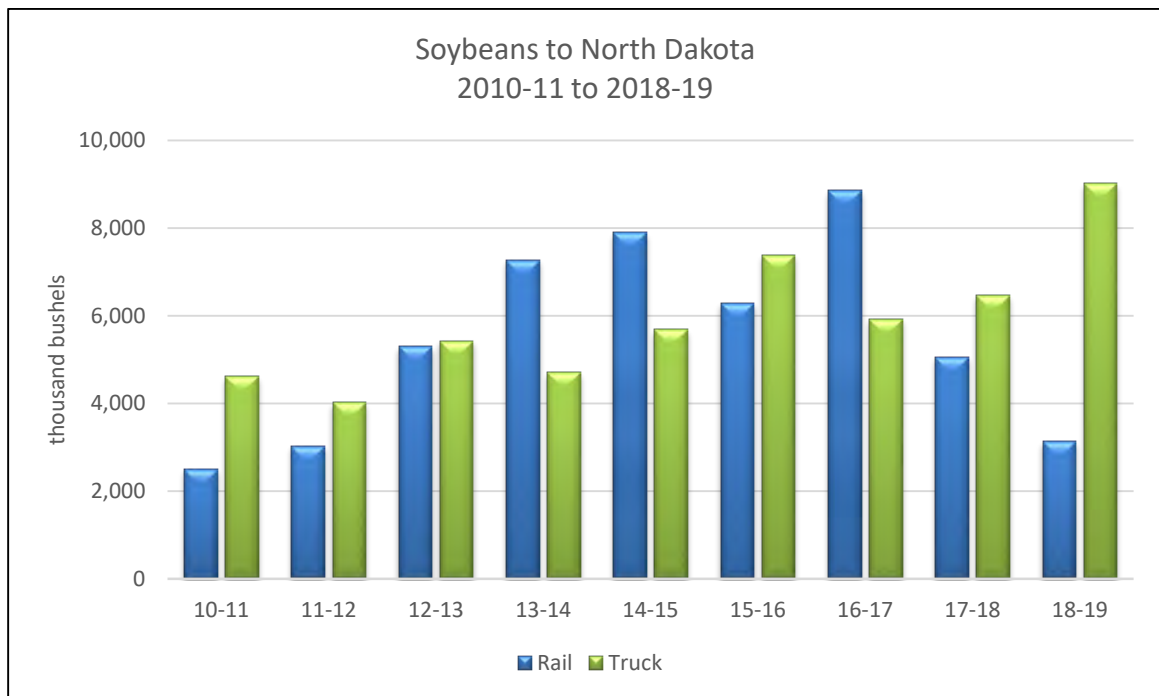
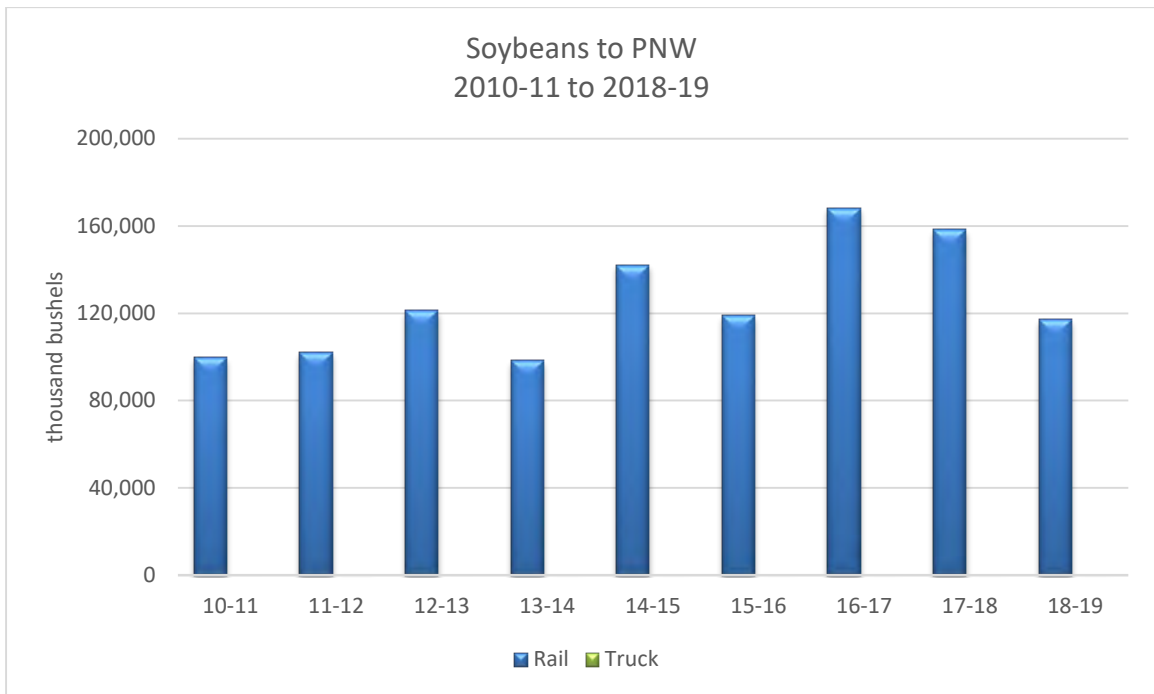
YEAR	Minneapolis-St. Paul	Duluth-Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	7,344	418	99,656	7,126	7,331	2,292	15,624	139,791
	5%	0%	71%	5%	5%	2%	11%	100%
2011-12	6,553	0	102,333	7,052	4,334	989	14,704	135,965
	5%	0%	75%	5%	3%	1%	11%	100%
2012-13	4,196	533	121,422	10,727	7,353	7,030	21,230	172,489
	2%	0%	70%	6%	4%	4%	12%	100%
2013-14	3,008	72	98,474	11,979	6,503	11,727	32,685	164,484
	2%	0%	60%	7%	4%	7%	20%	100%
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%

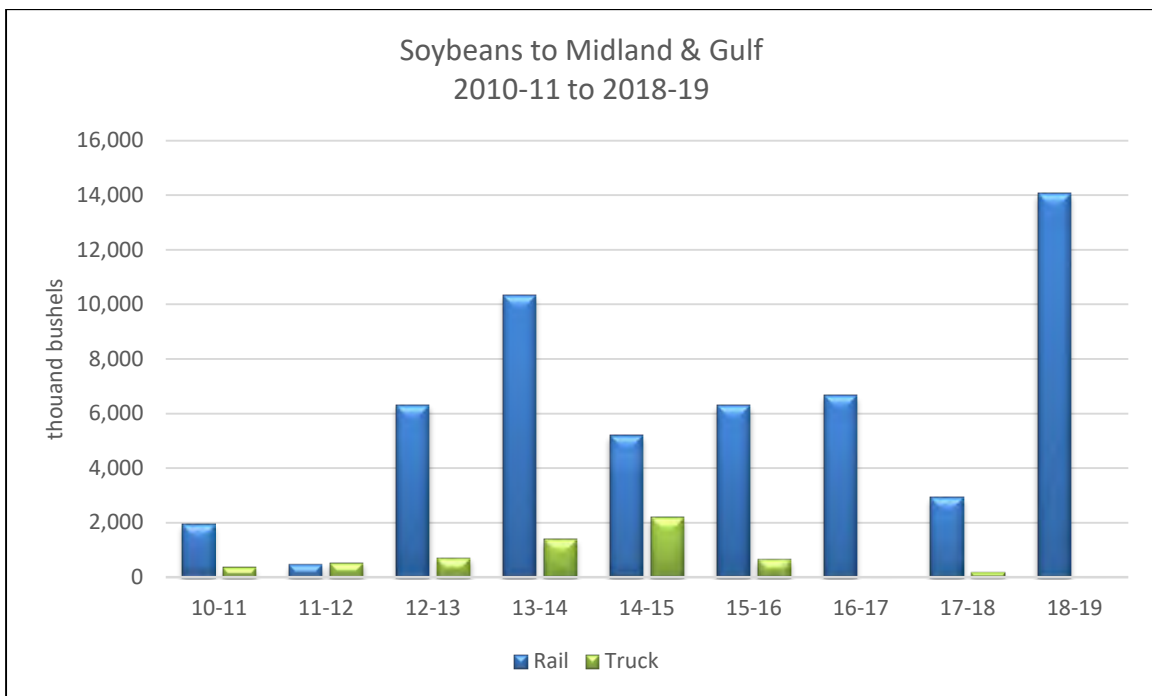
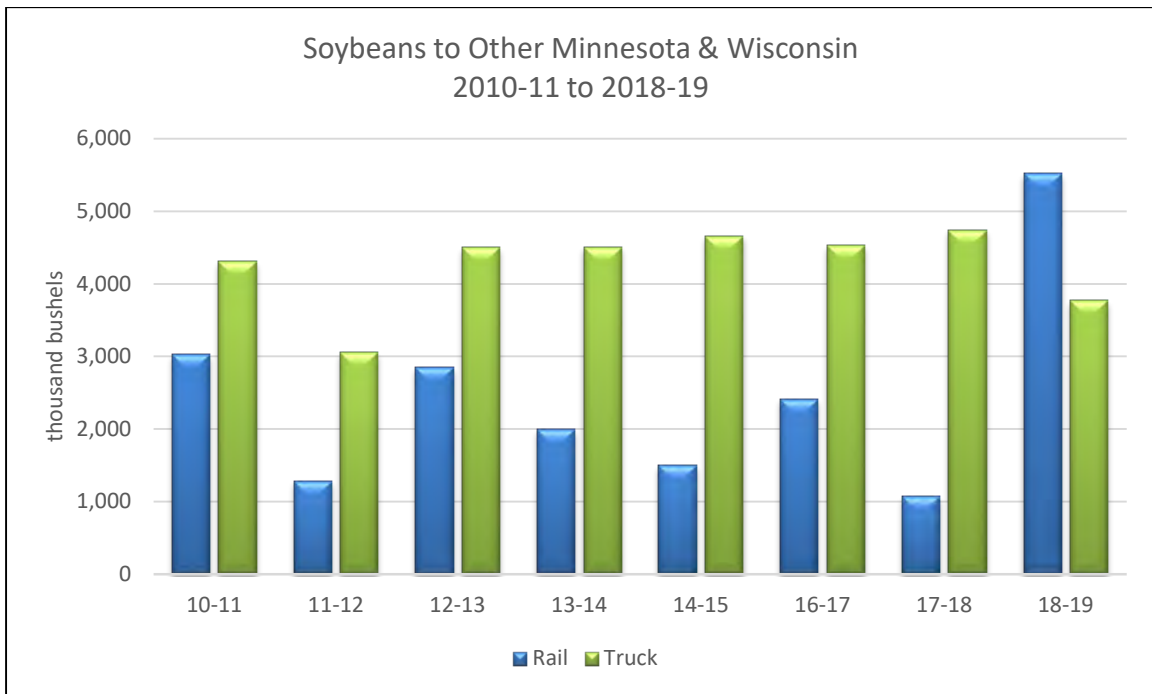


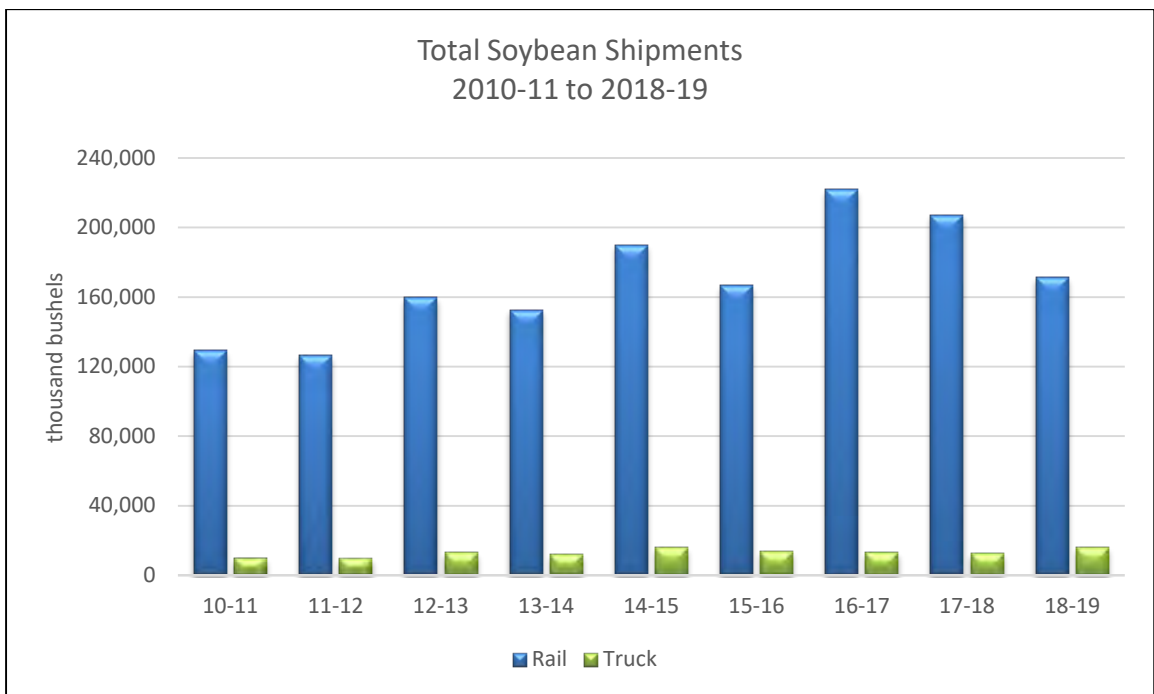
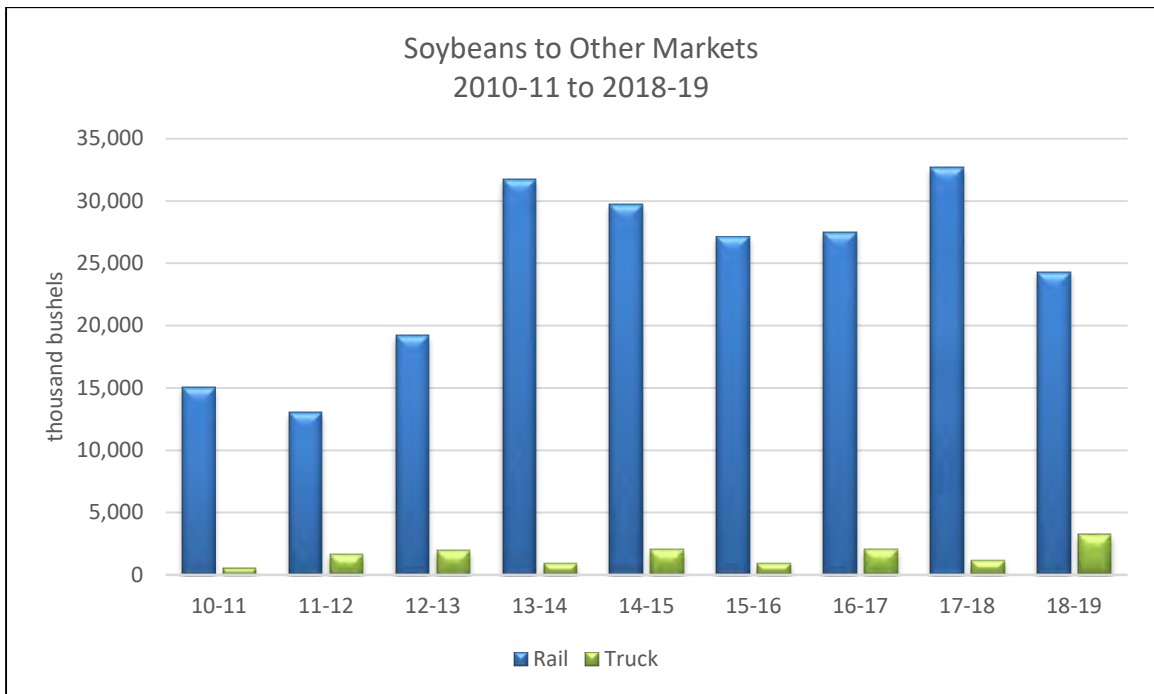
North Dakota Soybean Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	7,298	46	418	0	99,656	0	2,503	4,623	3,024	4,307	1,934	358	15,078	546	129,912	9,879
	99%	1%	100%	0%	100%	0%	35%	65%	41%	59%	84%	16%	97%	3%	93%	7%
2011-12	6,472	81	0	0	101,988	345	3,028	4,024	1,283	3,051	461	529	13,036	1,668	126,267	9,698
	99%	1%	0%	0%	100%	0%	43%	57%	30%	70%	47%	53%	89%	11%	93%	7%
2012-13	3,949	246	533	0	121,422	0	5,300	5,427	2,848	4,505	6,315	714	19,230	1,999	159,598	12,892
	94%	6%	100%	0%	100%	0%	49%	51%	39%	61%	90%	10%	91%	9%	93%	7%
2013-14	2,723	285	72	0	98,440	34	7,272	4,707	1,995	4,508	10,327	1,400	31,760	925	152,589	11,859
	91%	9%	100%	0%	100%	0%	61%	39%	31%	69%	88%	12%	97%	3%	93%	7%
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%



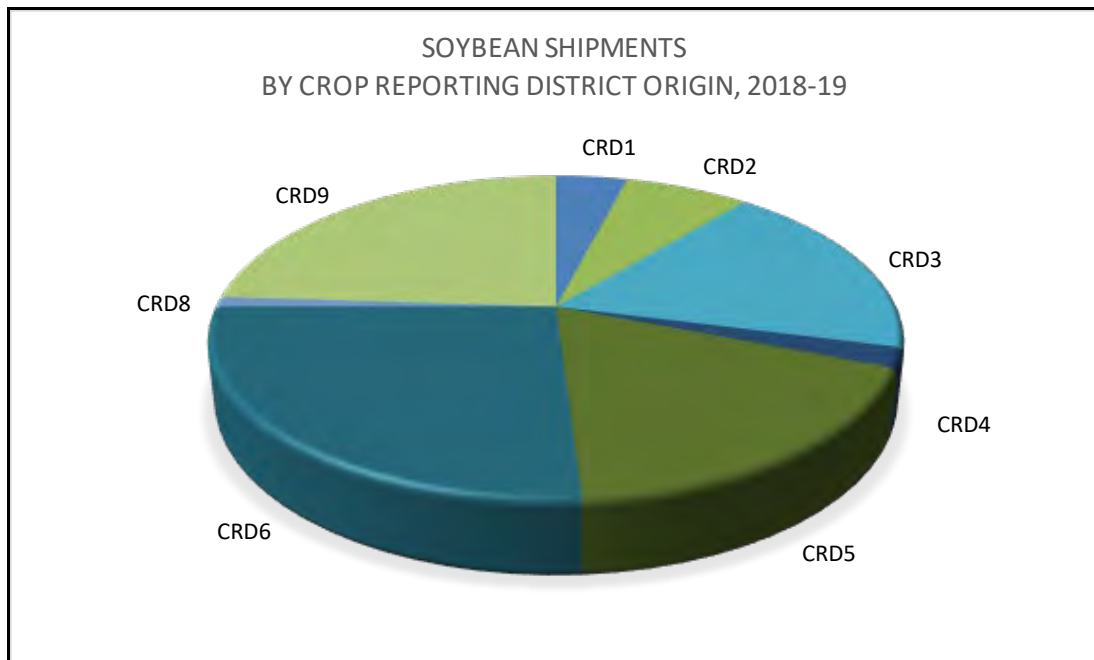




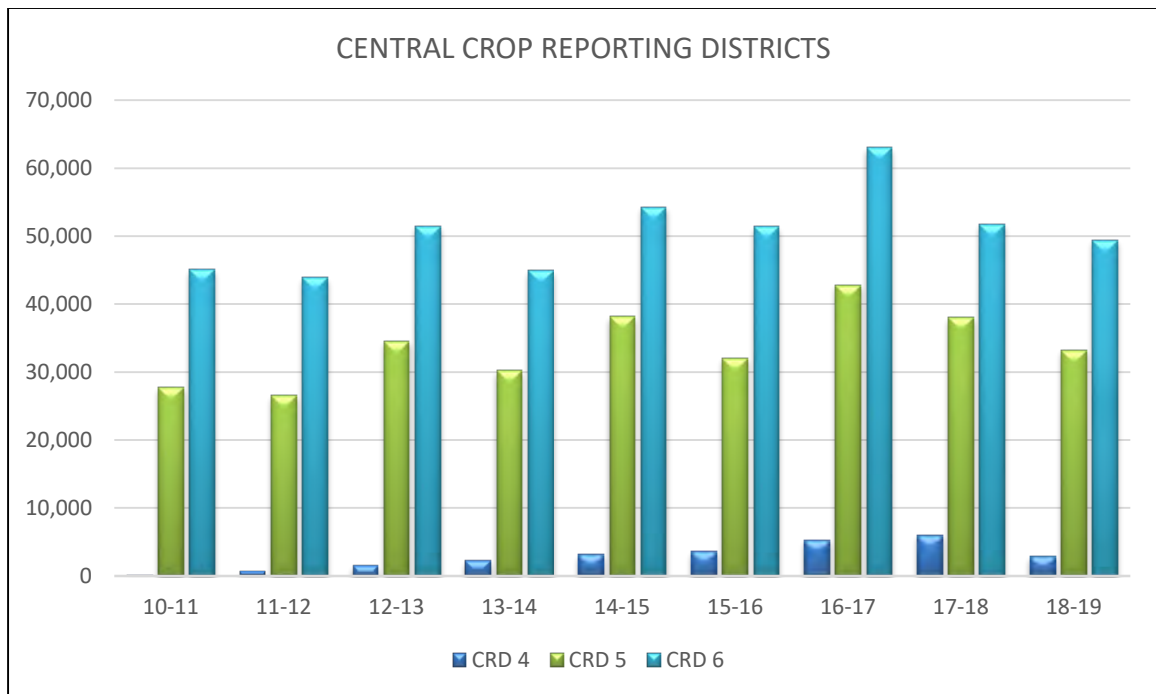
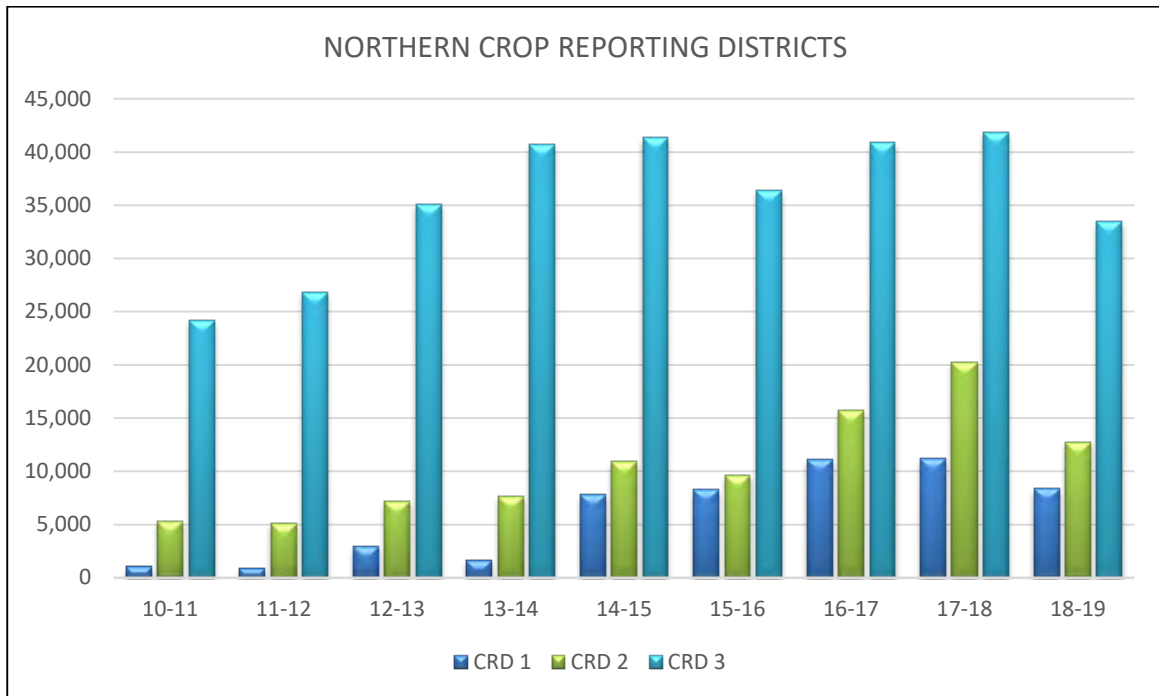


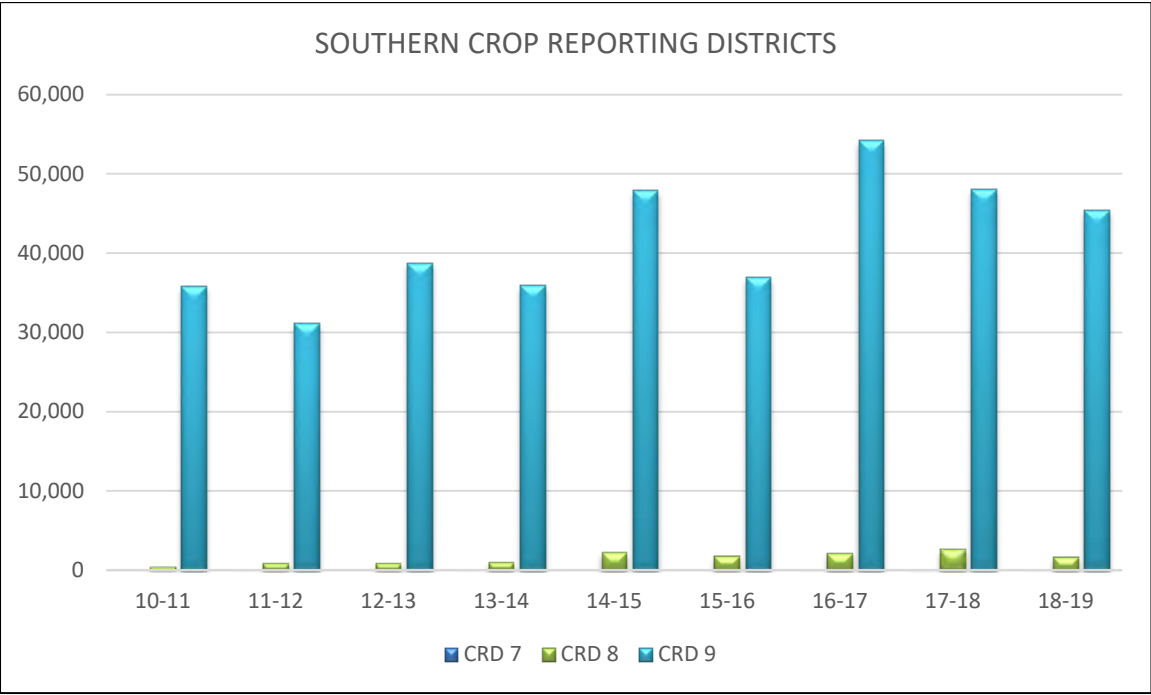
North Dakota Soybean Shipments by Crop Reporting District Origin (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	1,058	5,314	24,176	131	27,785	45,114	0	439	35,774	139,791
	1%	4%	17%	0%	20%	32%	0%	0%	26%	100%
2011-12	878	5,141	26,835	620	26,513	43,946	15	893	31,125	135,965
	1%	4%	20%	0%	19%	32%	0%	1%	23%	100%
2012-13	2,935	7,190	35,127	1,503	34,557	51,492	0	892	38,793	172,489
	2%	4%	20%	1%	20%	30%	0%	1%	22%	100%
2013-14	1,677	7,672	40,708	2,278	30,259	44,923	1	1,023	35,909	164,448
	1%	5%	25%	1%	18%	27%	0%	1%	22%	100%
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%



Soybean Shipments by Crop Reporting District (thousand bu.)

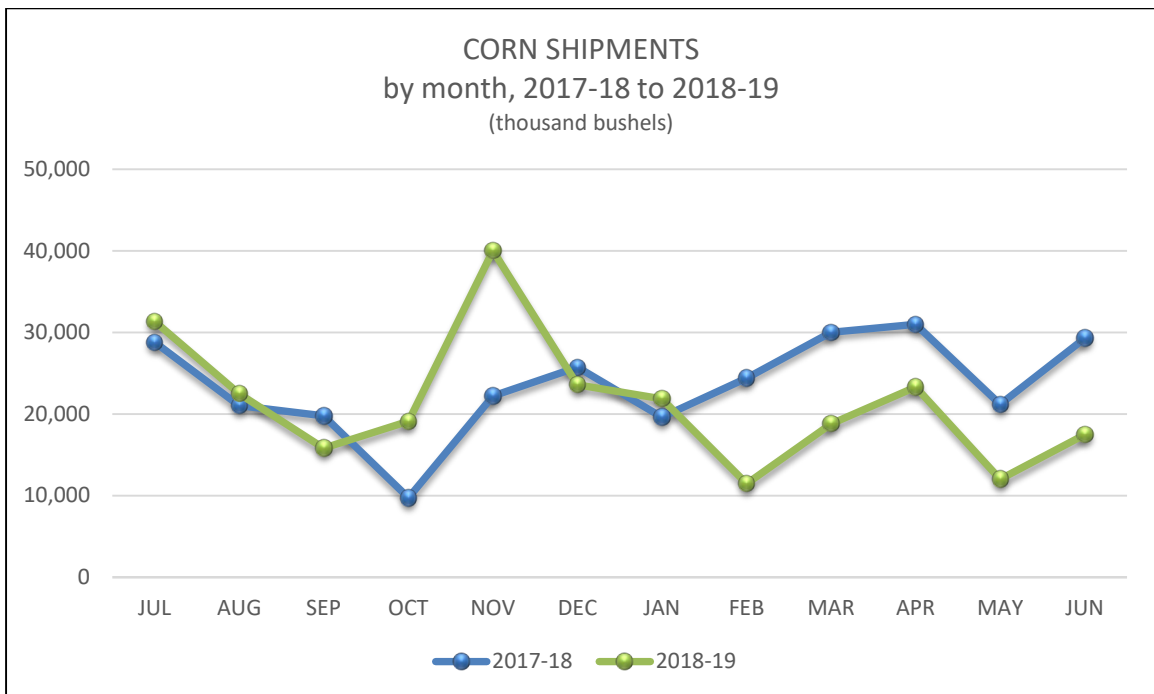
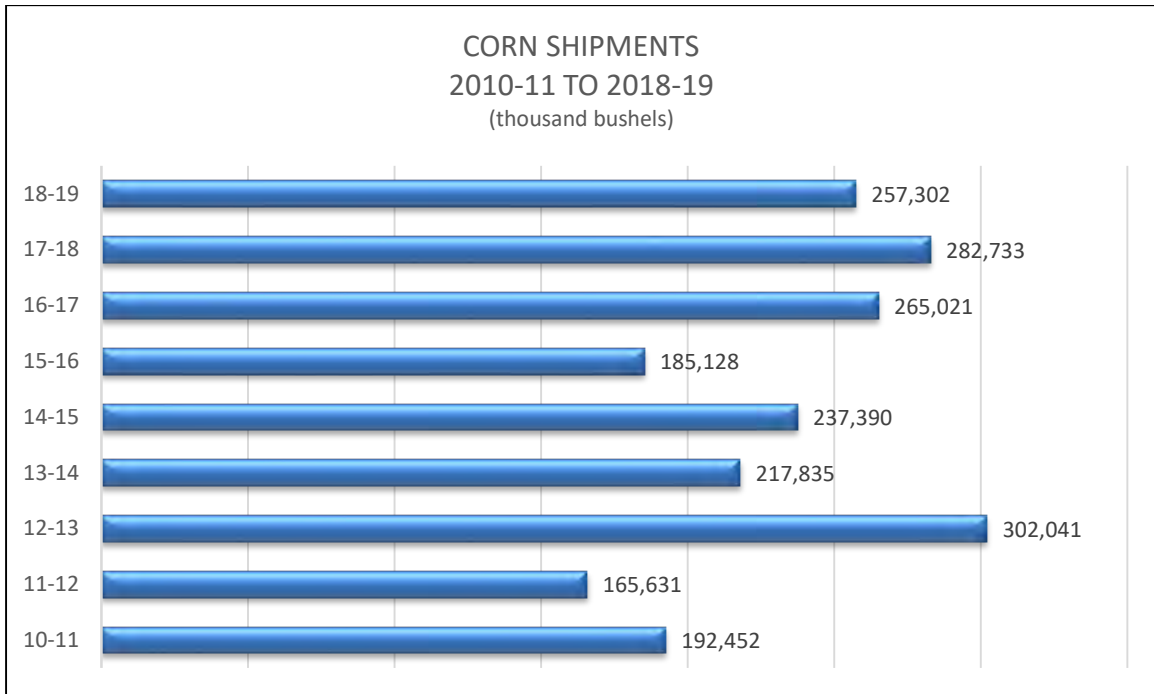




CORN SHIPMENTS

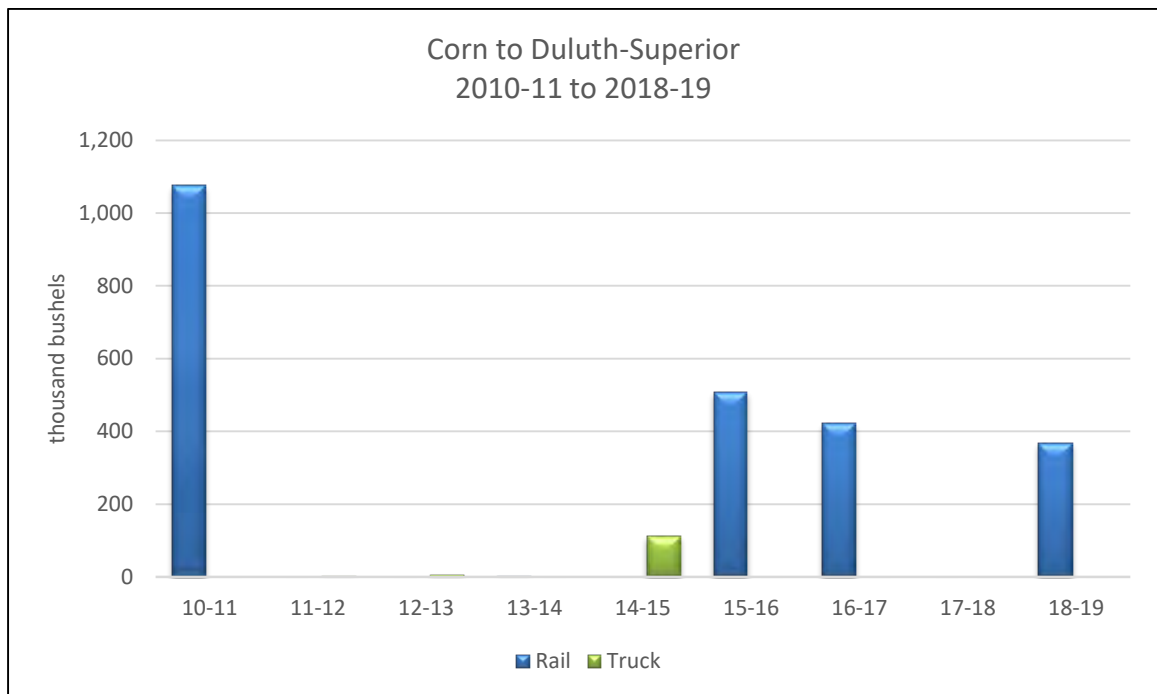
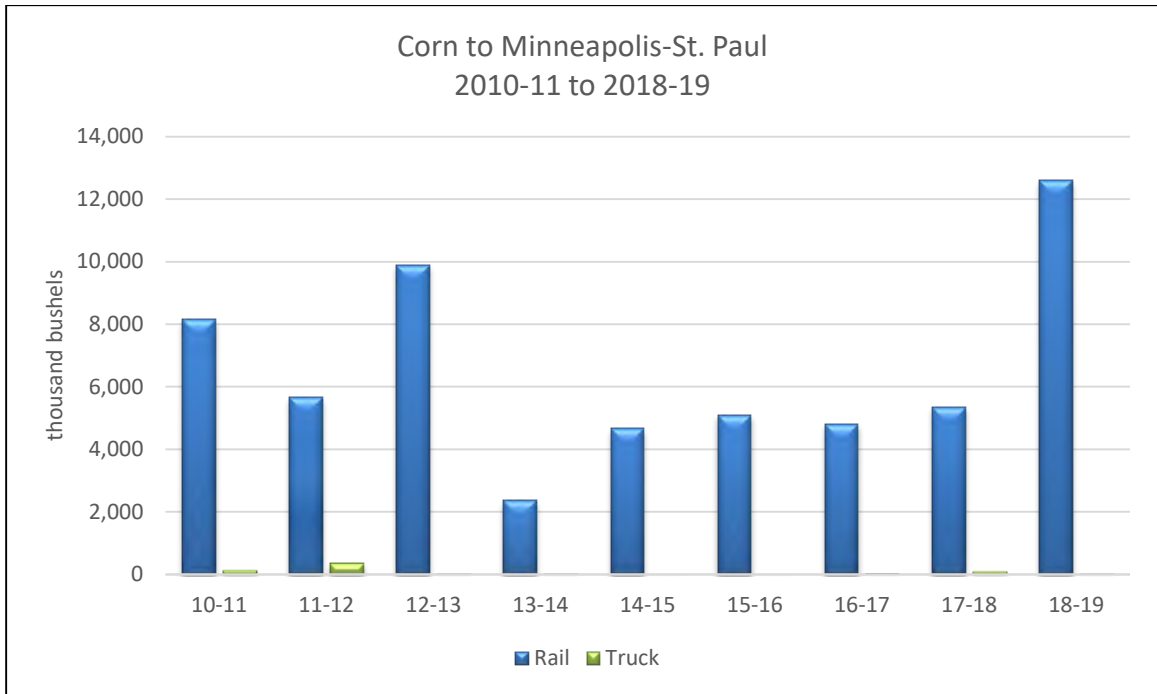
North Dakota Corn Shipments by Destination (thousand bu.)

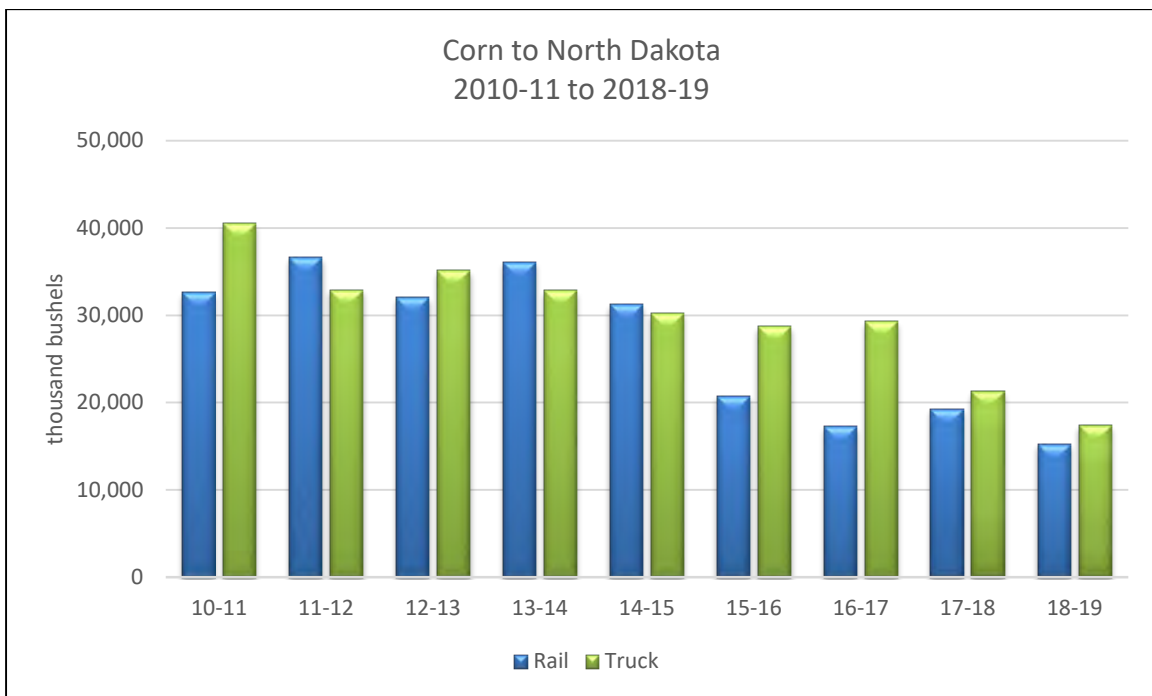
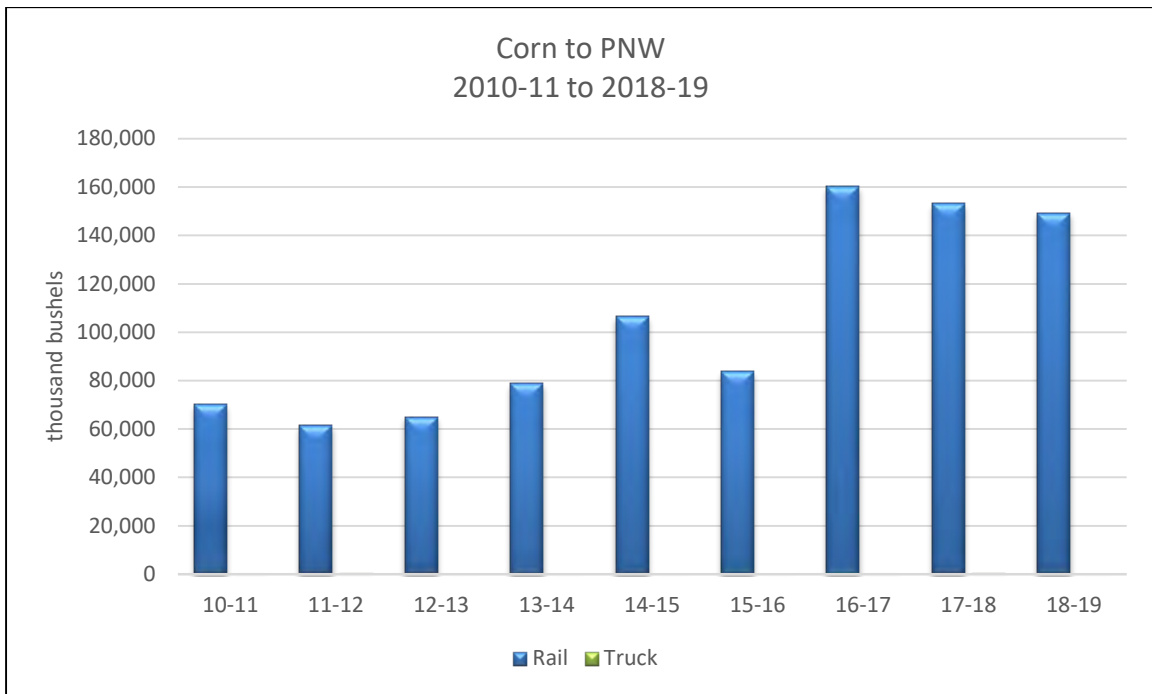
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	8,273	1,075	70,225	73,074	2,193	7,661	29,951	192,452
	4%	1%	36%	38%	1%	4%	16%	100%
2011-12	6,020	3	61,649	69,488	1,921	3,603	22,956	165,631
	4%	0%	37%	42%	1%	2%	14%	100%
2012-13	9,920	6	65,008	67,197	5,059	47,218	107,633	302,041
	3%	0%	22%	22%	2%	16%	36%	100%
2013-14	2,384	3	78,994	68,961	6,534	18,973	41,986	217,835
	1%	0%	36%	32%	3%	9%	19%	100%
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%

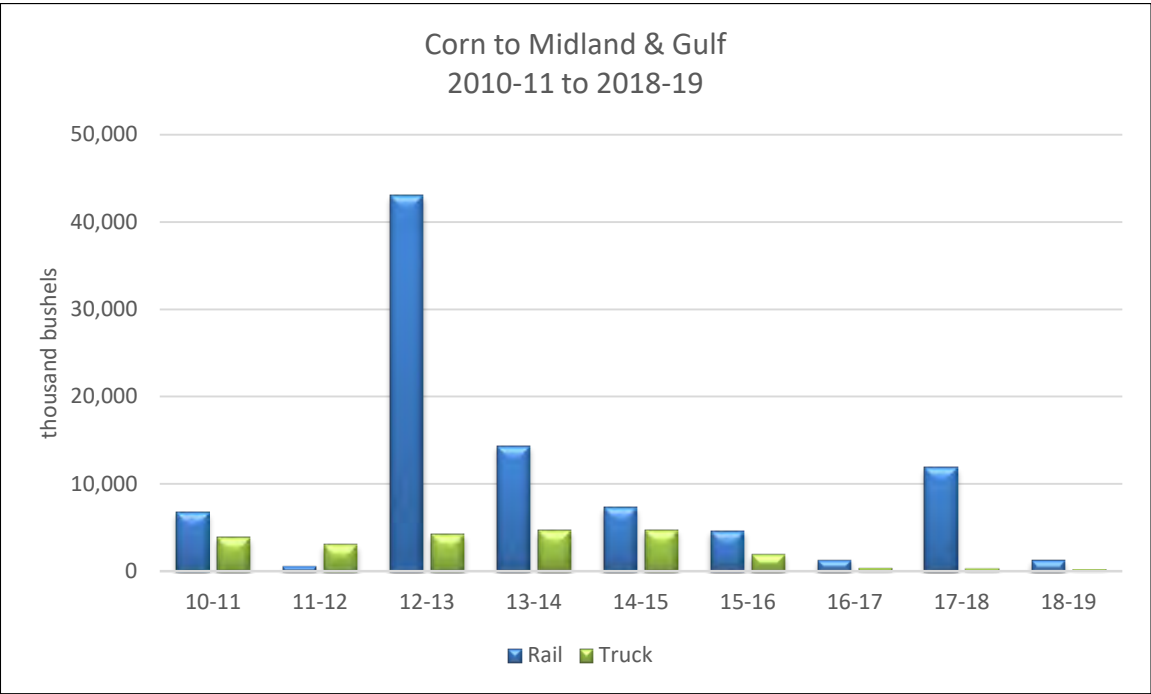
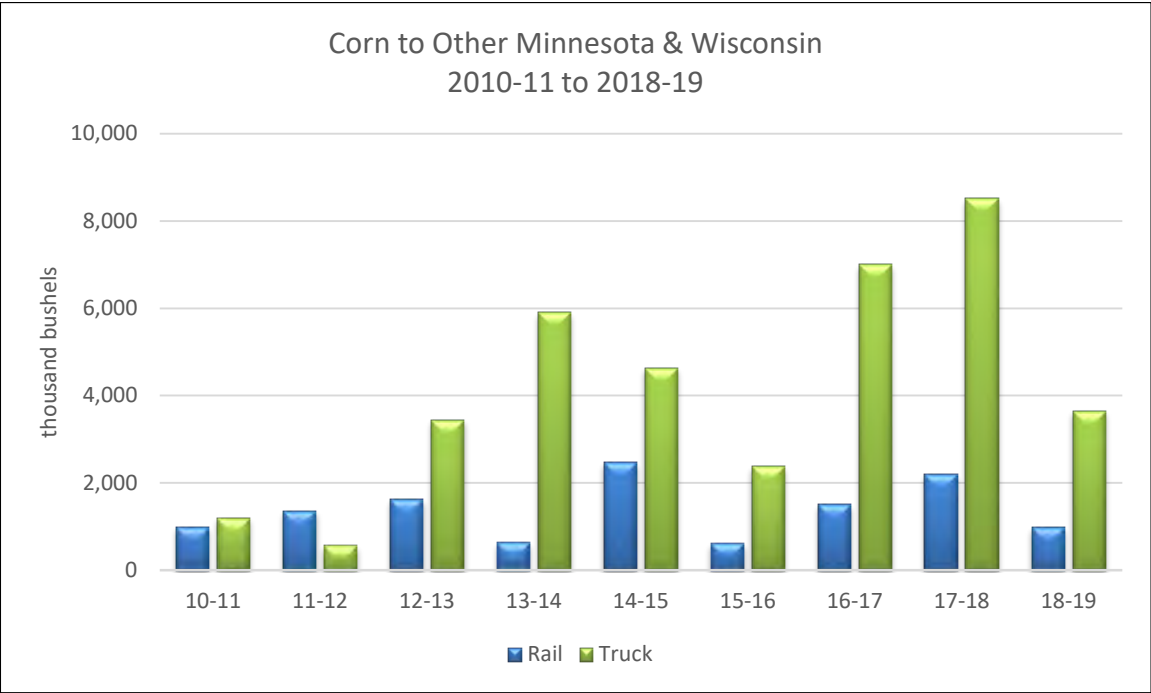


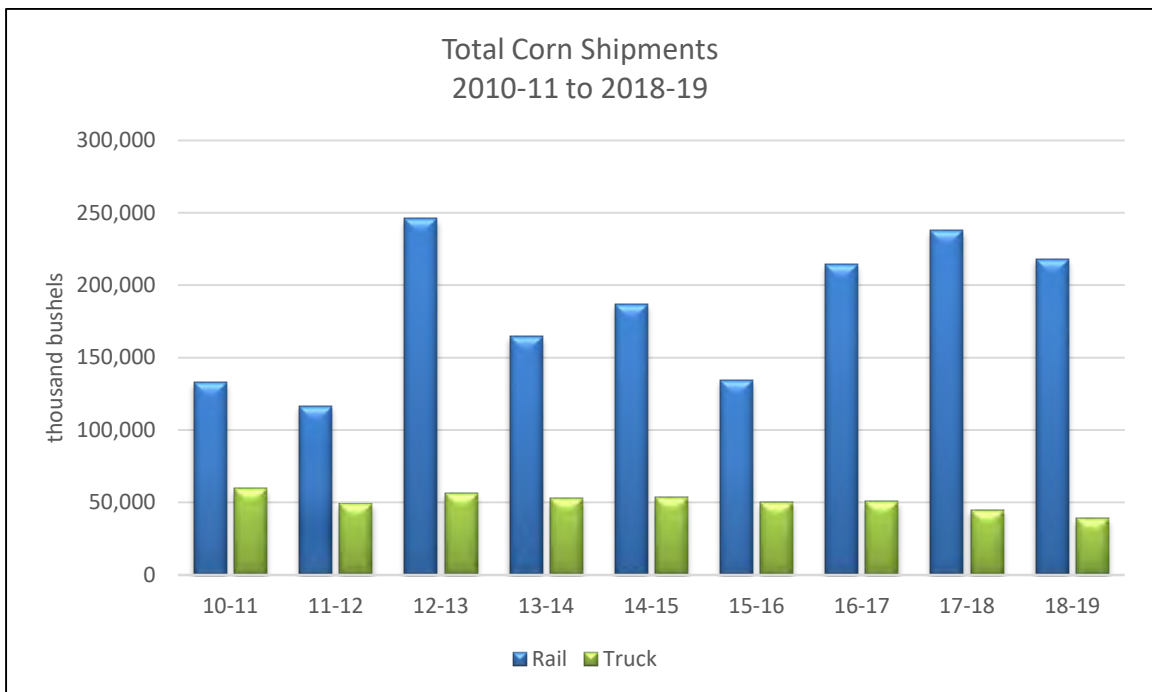
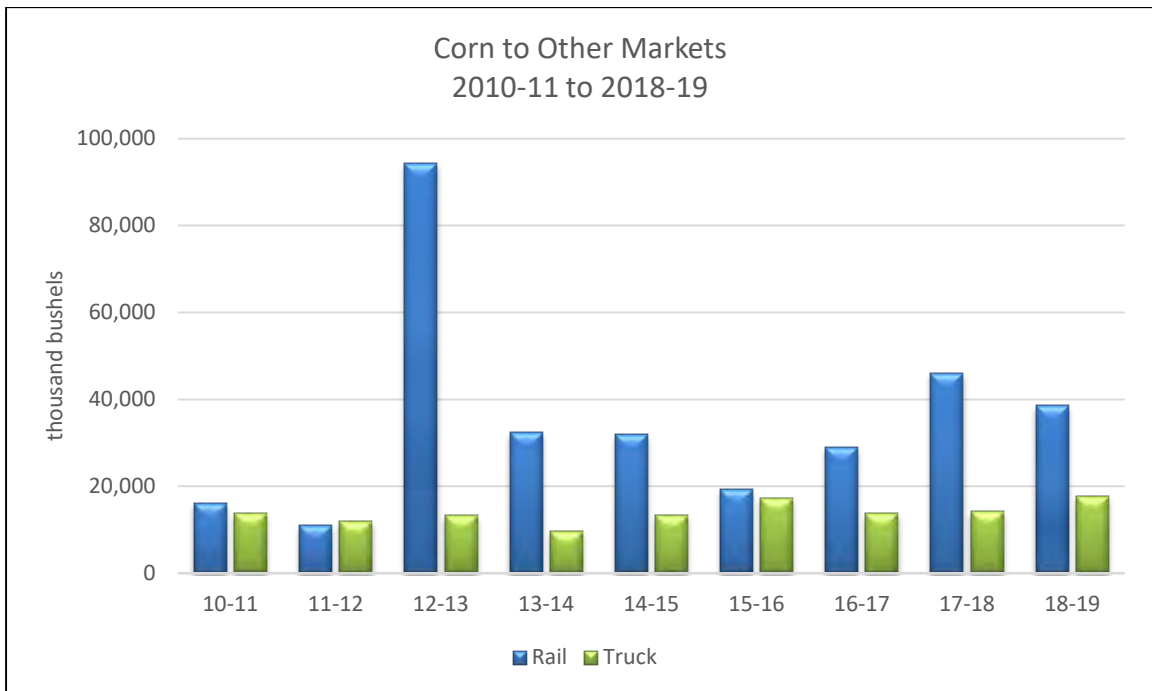
North Dakota Corn Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	7,271	226	514	0	42,615	387	29,722	39,768	1,98	3,227	3,617	1,194	19,248	17,610	104,915	62,412
	97%	3%	100%	0	99%	1%	43%	57%	37%	63%	75%	25%	52%	48%	63%	37%
2011-12	5,660	360	0	3	61,371	268	36,581	32,907	1,356	566	581	3,023	11,067	11,889	116,616	49,016
	94%	6%	0	100%	100%	0%	53%	47%	71%	29%	16%	84%	48%	52%	70%	30%
2012-13	9,895	25	0	6	64,984	25	32,060	35,137	1,621	3,437	43,014	4,204	94,356	13,277	245,930	56,111
	100%	0%	0	100%	100%	0%	48%	52%	32%	68%	91%	9%	88%	12%	81%	19%
2013-14	2,358	26	3	0	78,953	41	36,134	32,827	635	5,899	14,338	4,635	32,413	9,573	164,835	53,001
	99%	1%	100%	0%	100%	0%	52%	48%	10%	90%	76%	24%	77%	23%	76%	24%
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%



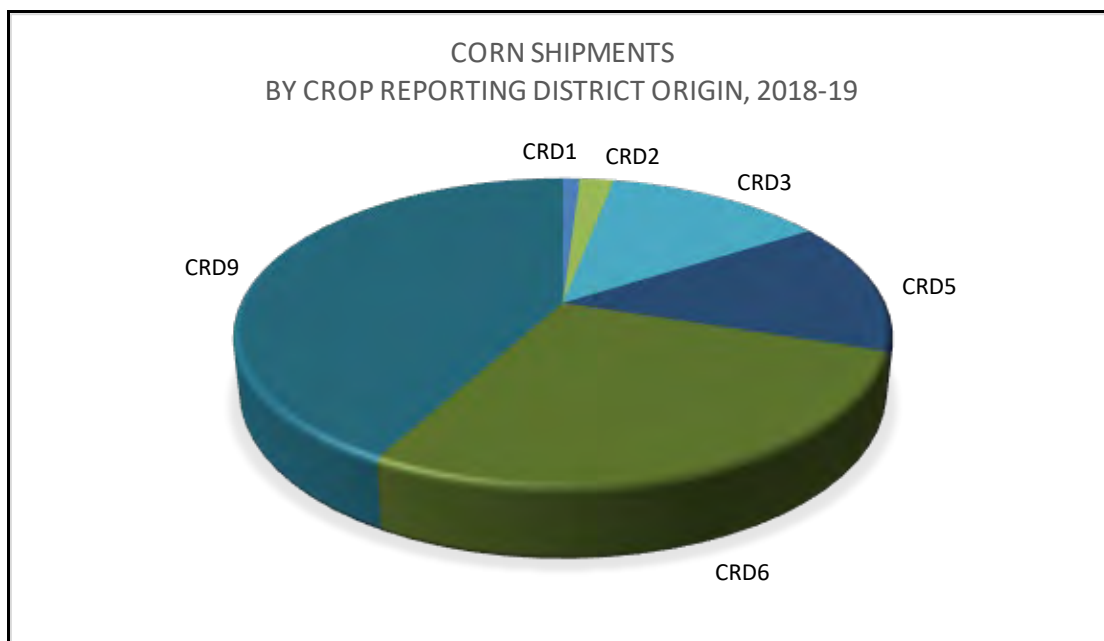




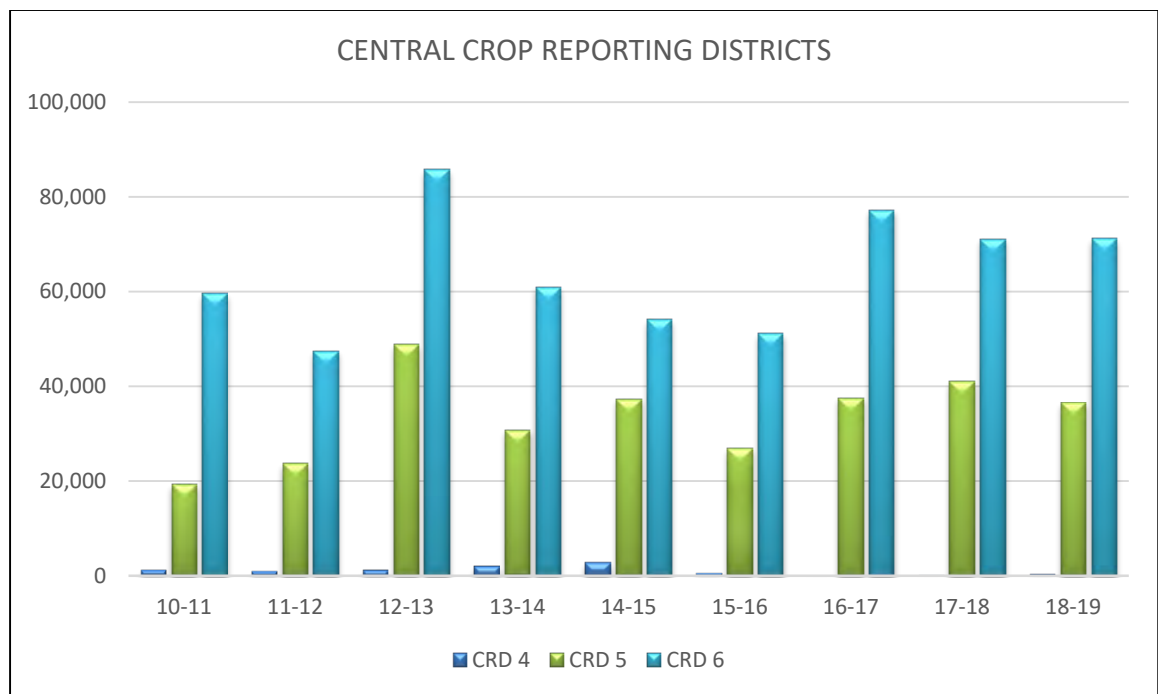
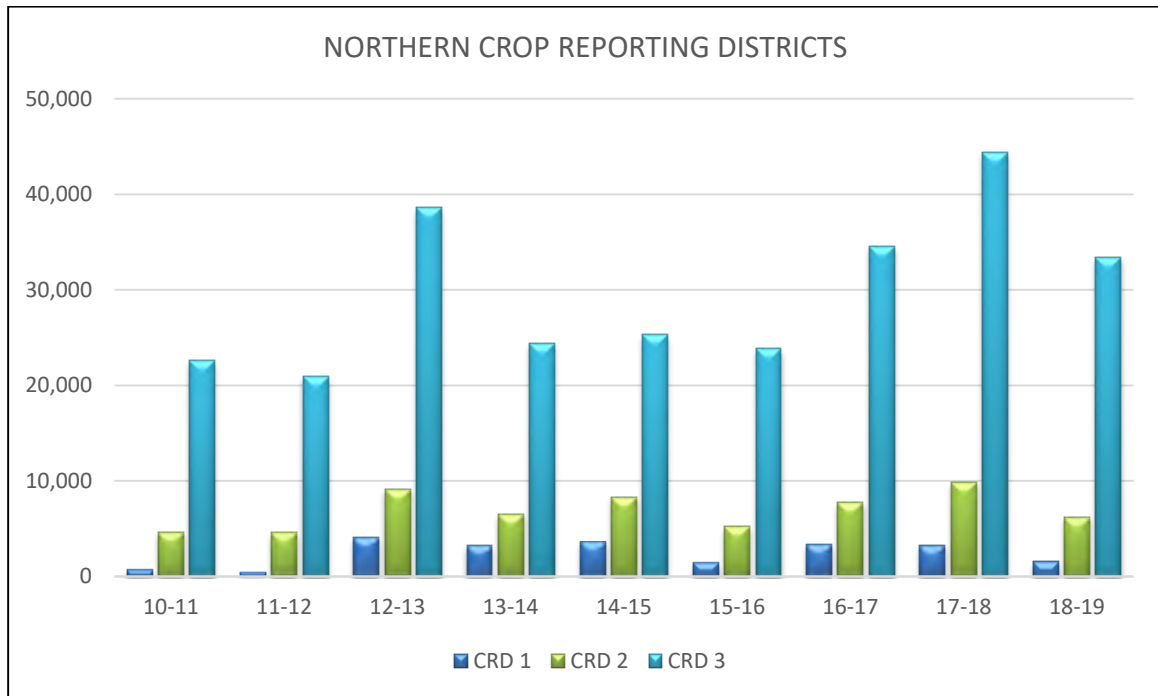


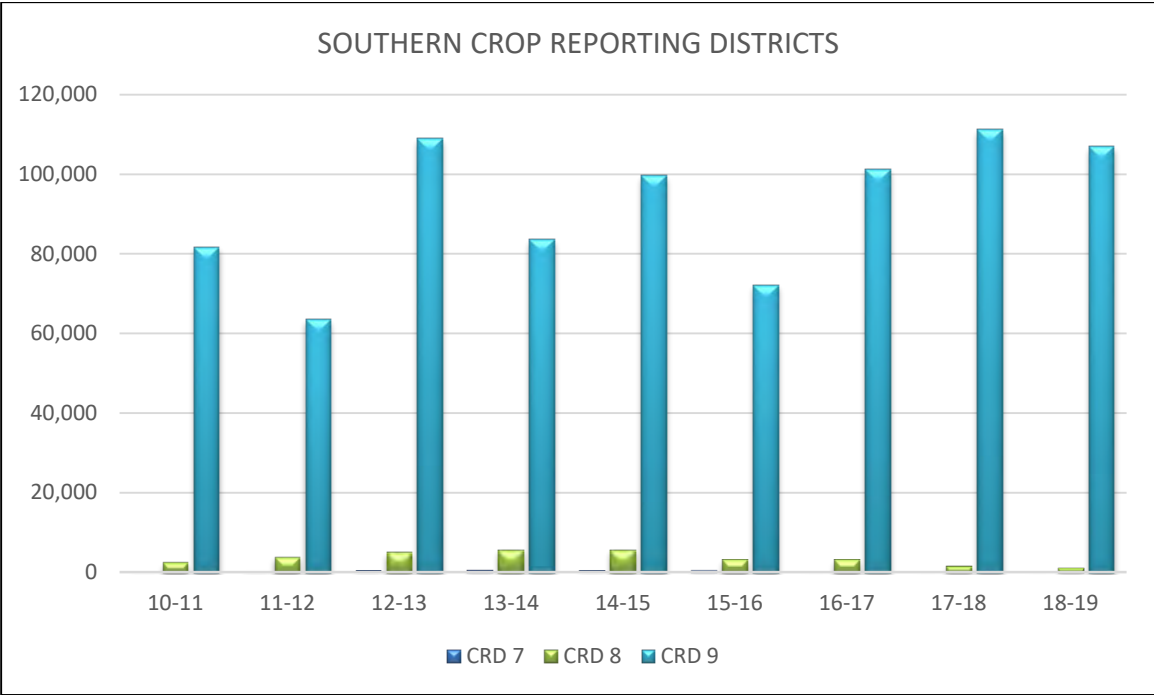
North Dakota Corn Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	724	4,663	22,659	1,136	19,290	59,715	180	2,395	81,690	192,452
	0%	2%	12%	1%	10%	31%	0%	1%	42%	100%
2011-12	408	4,596	20,954	936	23,679	47,458	243	3,867	63,490	165,631
	0%	3%	13%	1%	14%	29%	0%	2%	38%	100%
2012-13	4,060	9,146	38,594	1,274	48,816	85,839	417	4,983	108,912	302,041
	1%	3%	13%	0%	16%	28%	0%	2%	36%	100%
2013-14	3,247	6,554	24,425	1,988	30,831	60,994	575	5,647	83,575	217,835
	1%	3%	11%	1%	14%	28%	0%	3%	38%	100%
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%



Corn Shipments by Crop Reporting District (thousand bu.)

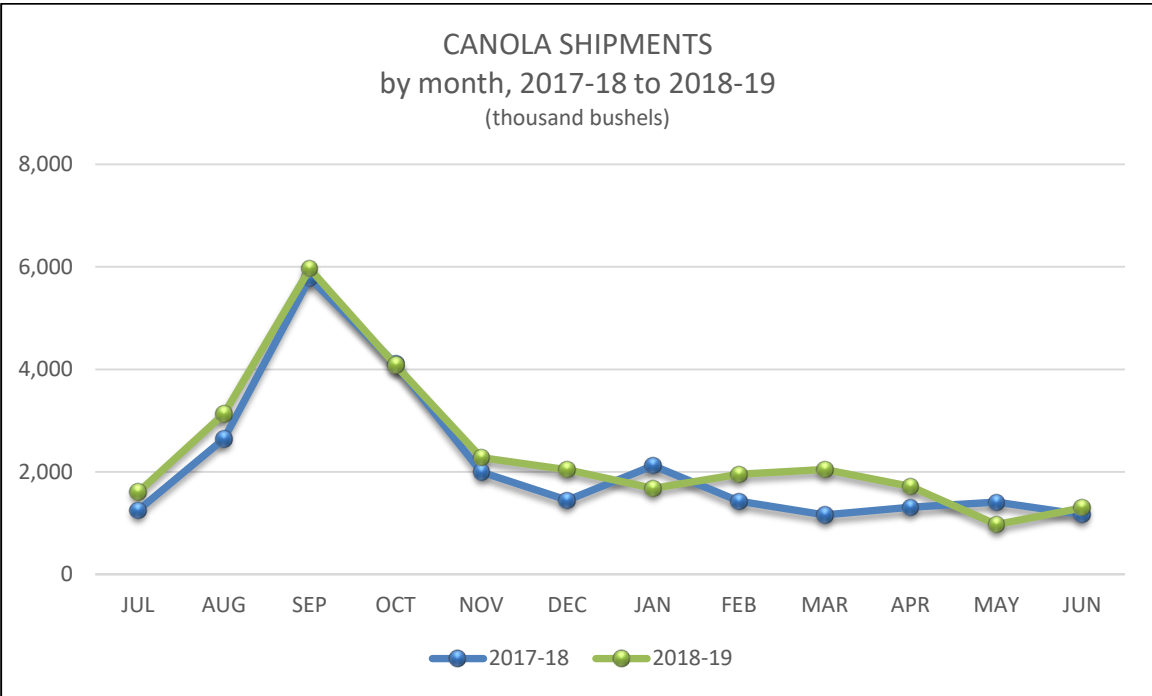
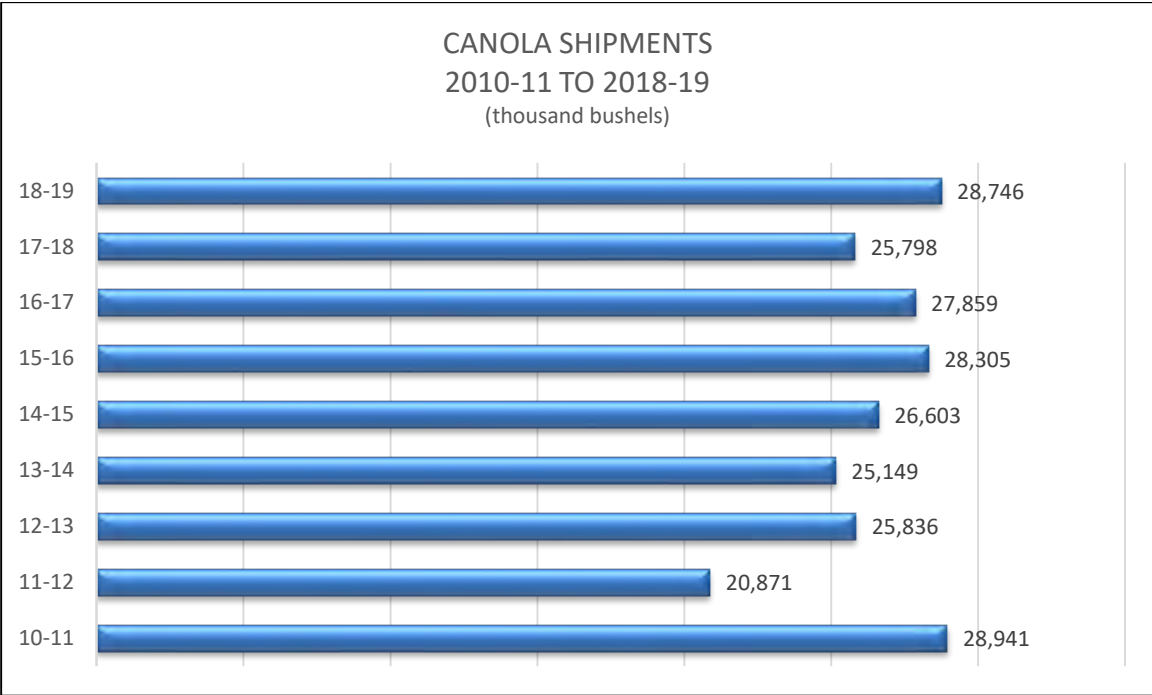




CANOLA SHIPMENTS

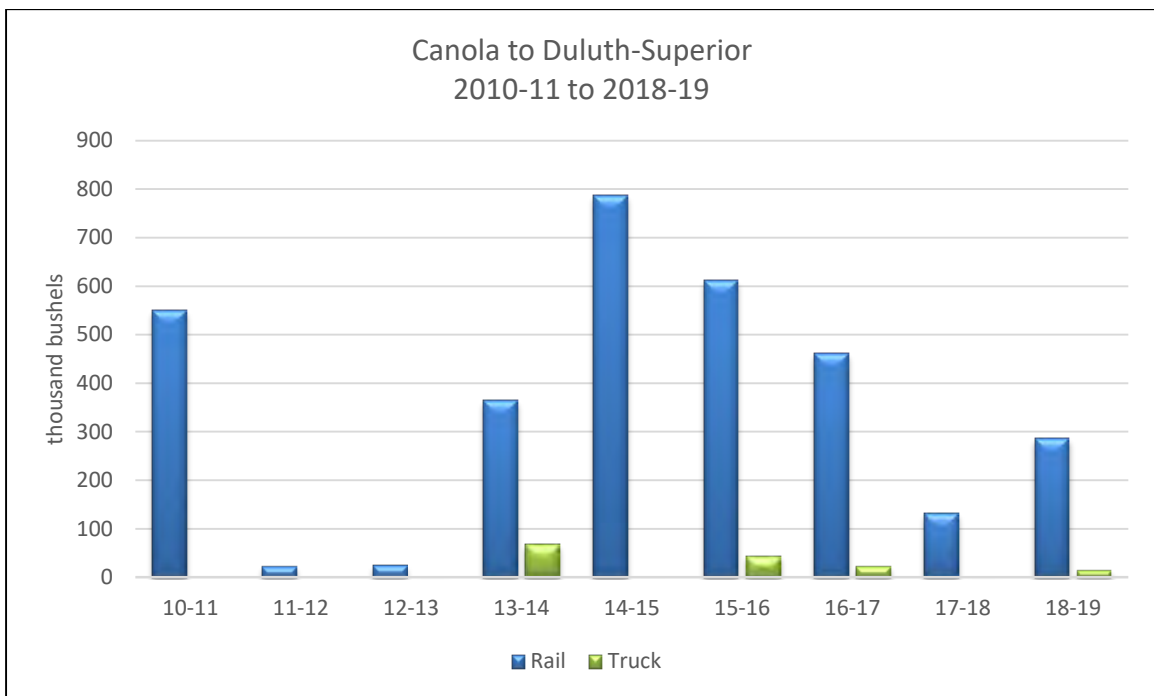
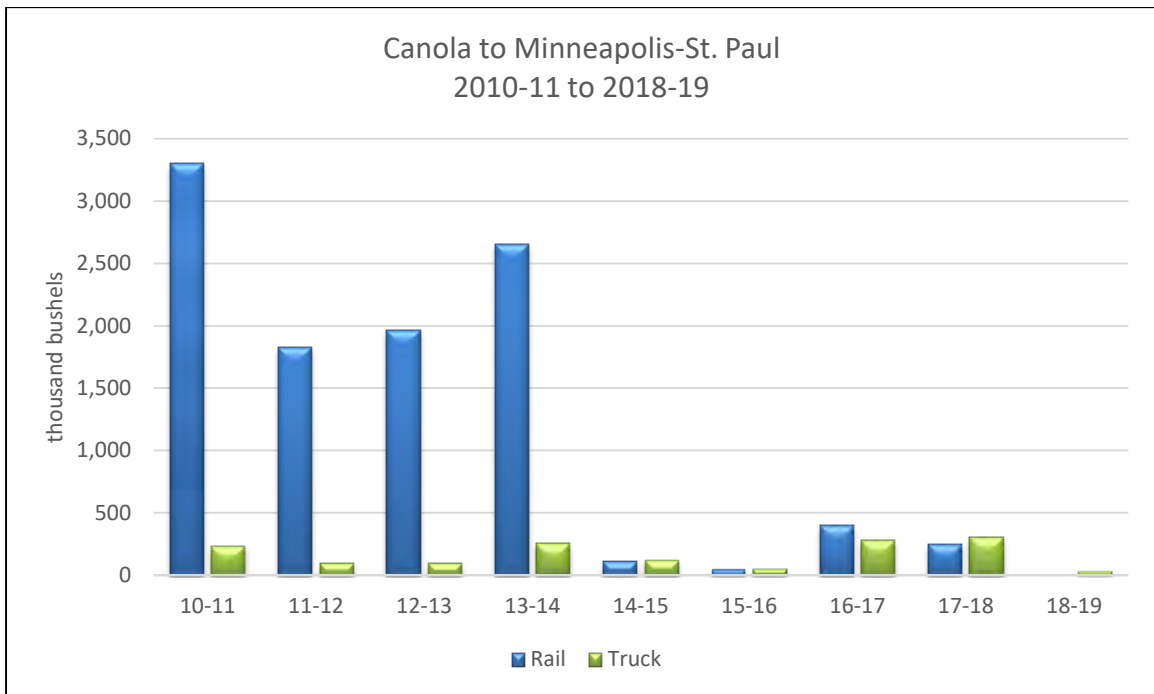
North Dakota Canola Shipments by Destination (thousand bu.)

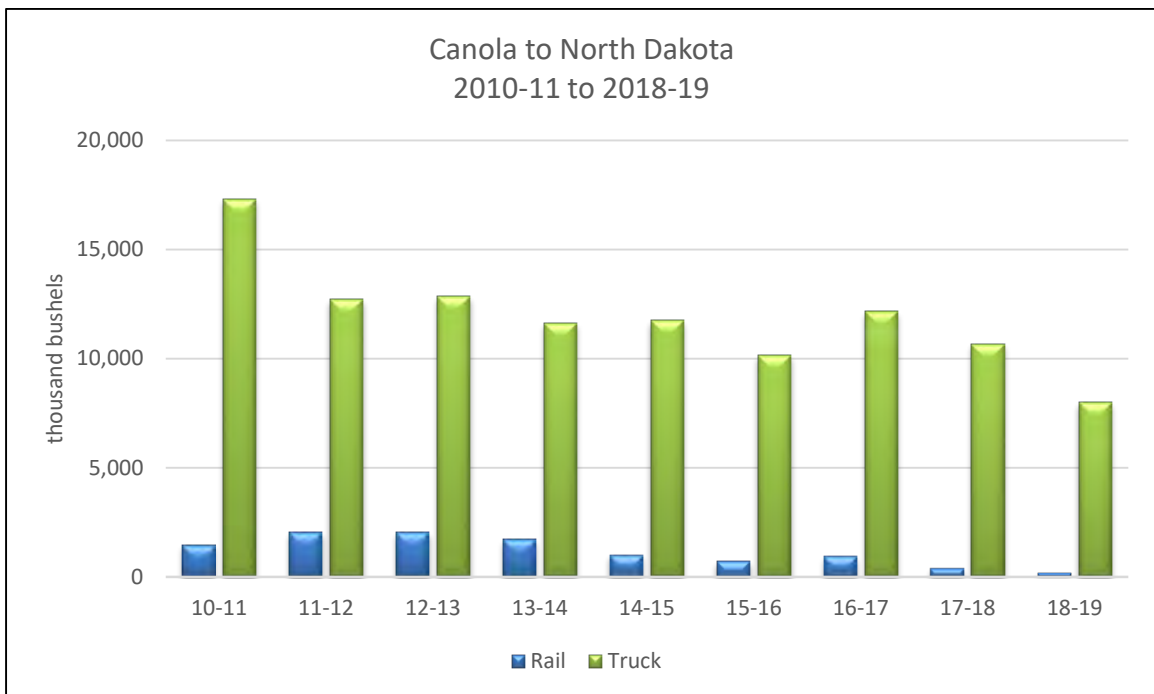
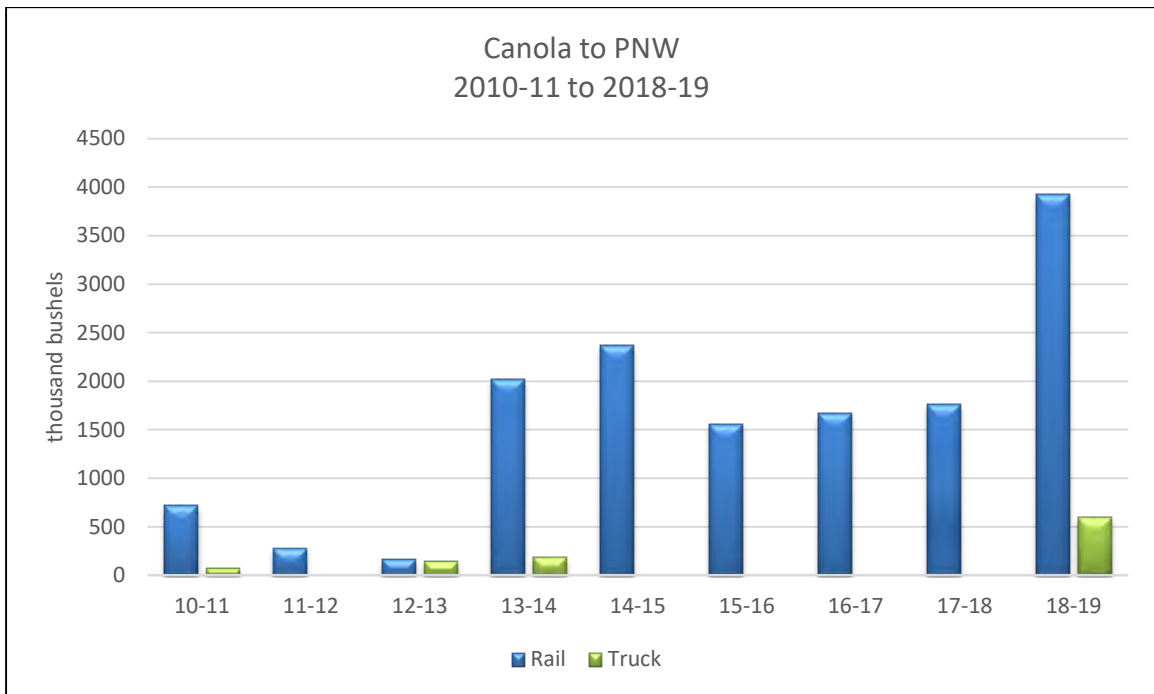
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	3,538	550	793	18,779	98	230	4,950	28,941
	12%	2%	3%	65%	0%	1%	17%	100%
2011-12	1,922	22	274	14,748	640	789	2,478	20,871
	9%	0%	1%	71%	3%	4%	12%	100%
2012-13	2,064	25	304	14,866	5,115	392	3,074	25,836
	8%	0%	1%	58%	20%	2%	12%	100%
2013-14	2,911	431	2,212	13,330	4,452	76	1,729	25,149
	12%	2%	9%	53%	18%	0%	7%	100%
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%

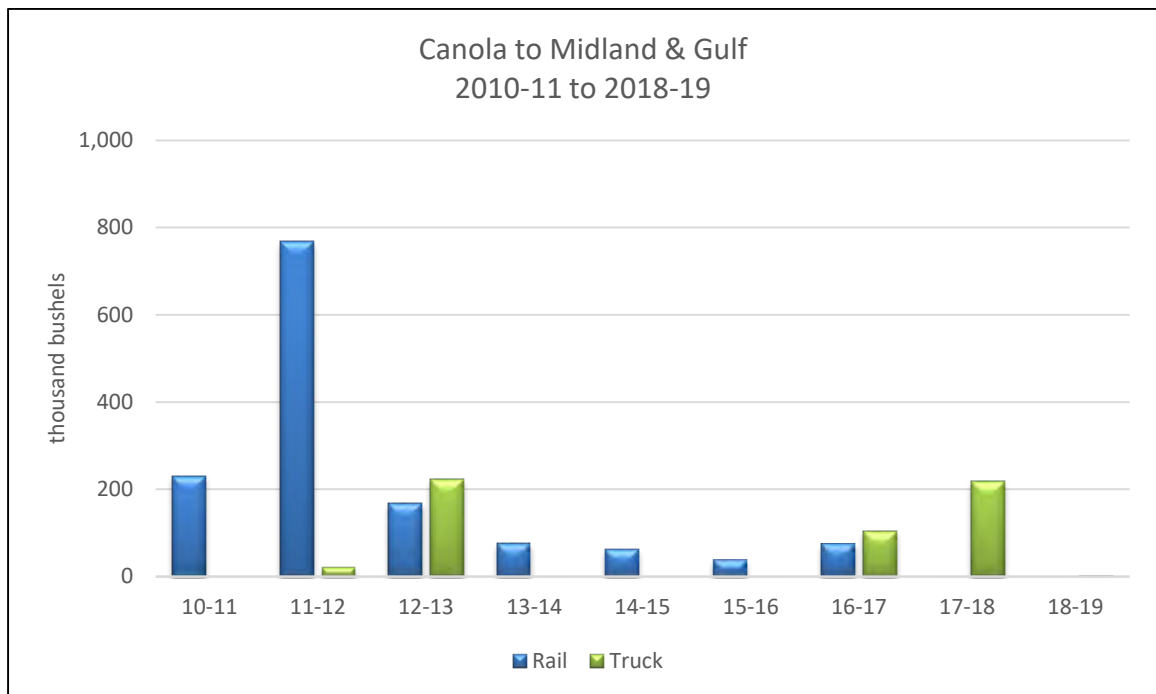
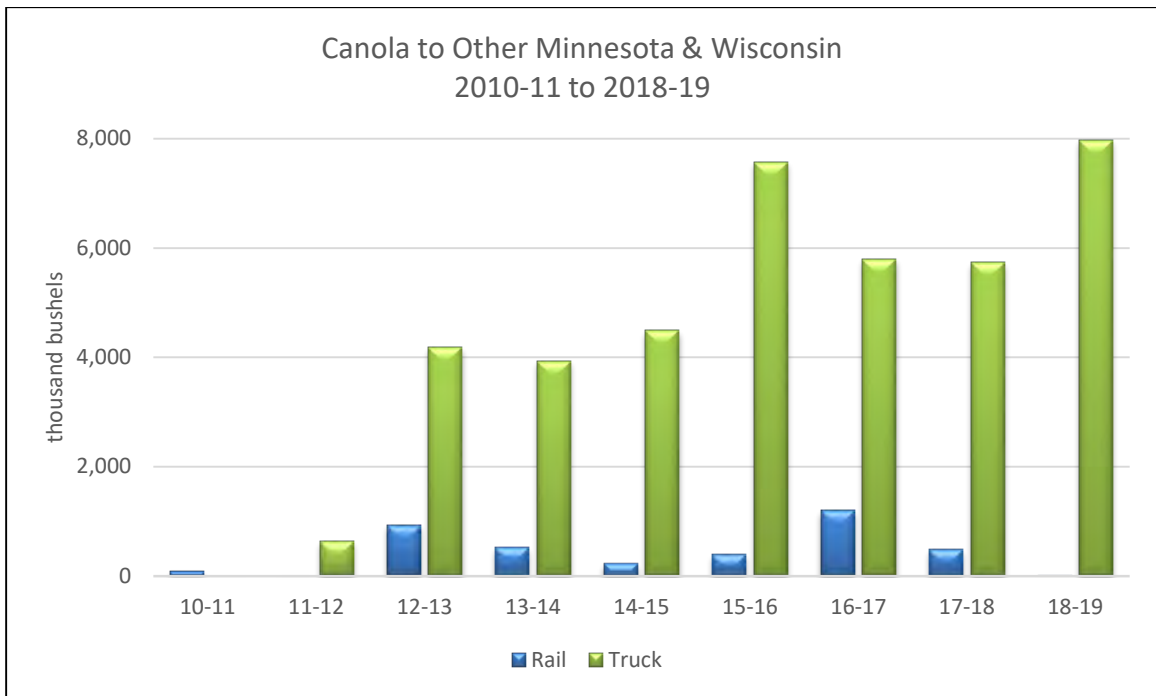


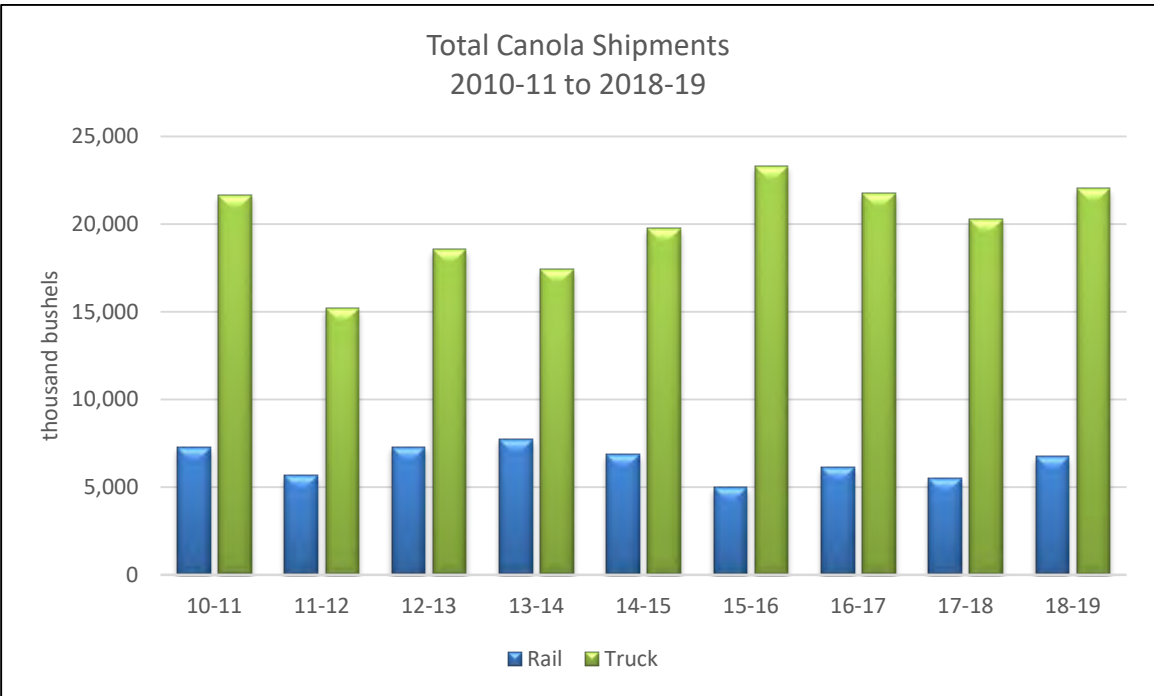
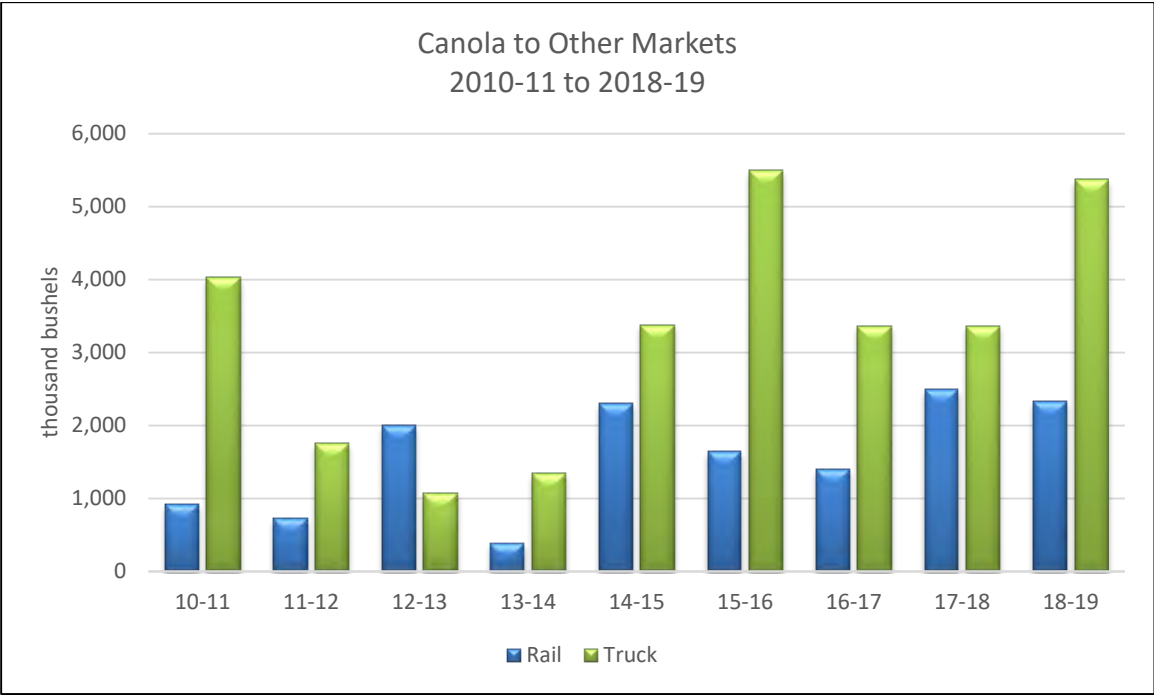
North Dakota Canola Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	3,303	235	550	0	719	74	1,462	17,317	92	6	230	0	920	4,030	7,277	21,664
	93%	7%	100%	0%	91%	9%	8%	92%	94%	6%	100%	0%	19%	81%	25%	75%
2011-12	1,828	94	22	0	274	0	2,043	12,705	8	632	768	21	724	1,754	5,668	15,203
	95%	5%	100%	0%	100%	0%	14%	86%	1%	99%	97%	3%	29%	71%	27%	73%
2012-13	1,965	99	24	1	162	142	2,038	12,838	935	4,180	169	223	1,998	1,076	7,292	18,544
	95%	5%	96%	4%	53%	47%	14%	86%	18%	82%	43%	47%	65%	35%	28%	72%
2013-14	2,654	254	364	67	2,025	187	1,705	11,625	522	3,930	76	0	385	1,344	7,733	17,416
	91%	9%	84%	16%	92%	8%	13%	87%	12%	88%	100%	0%	22%	78%	31%	69%
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%



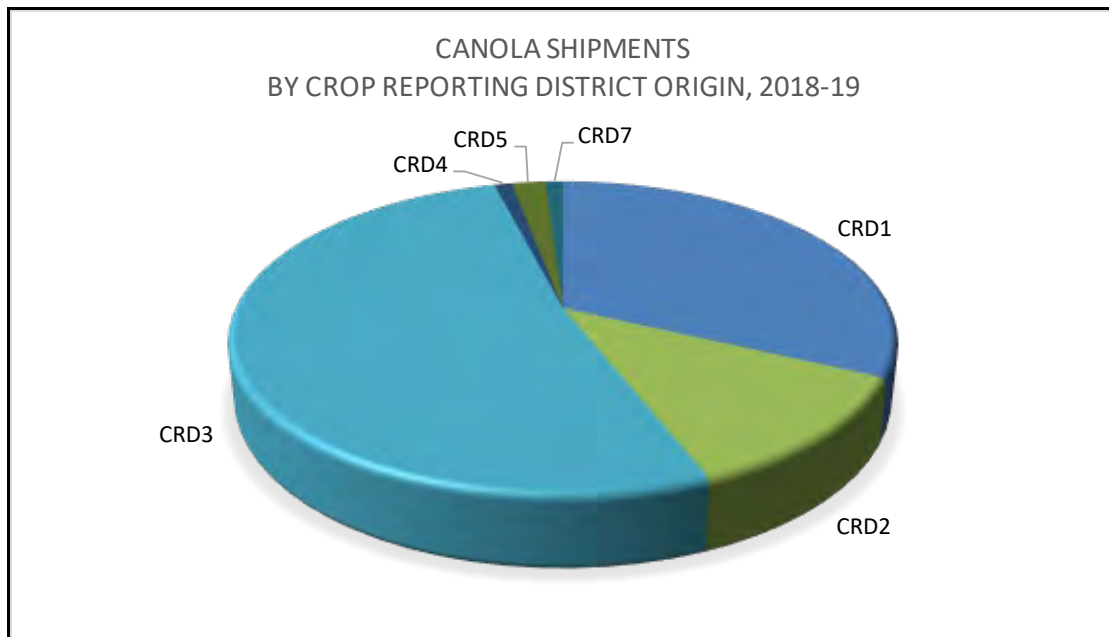




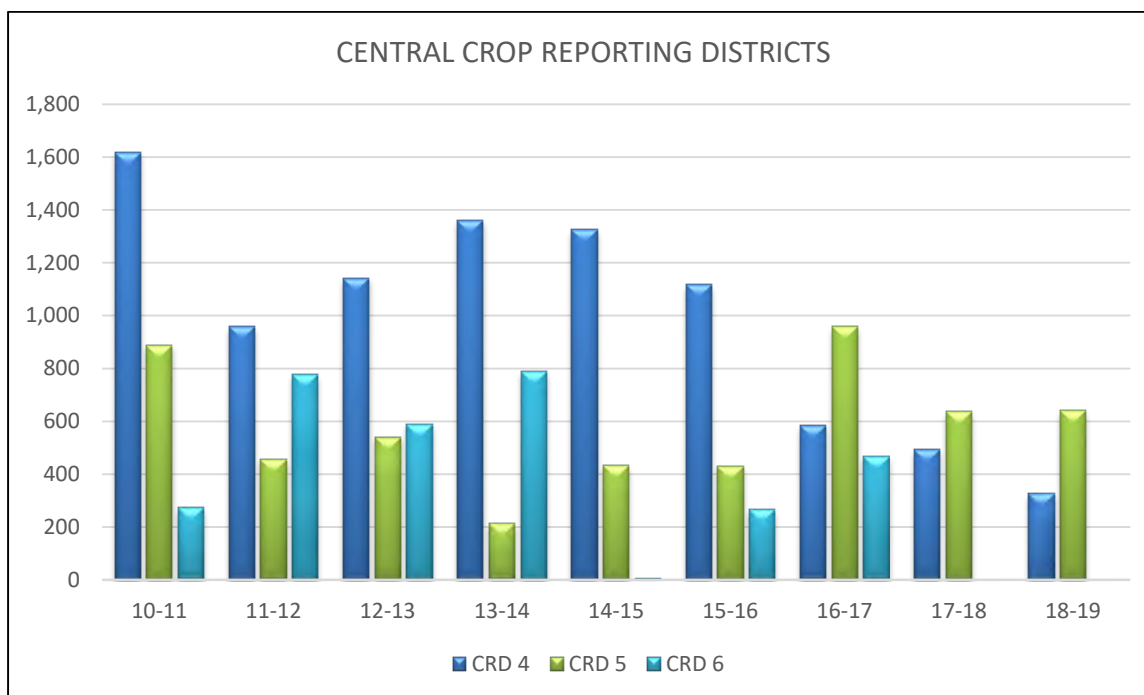
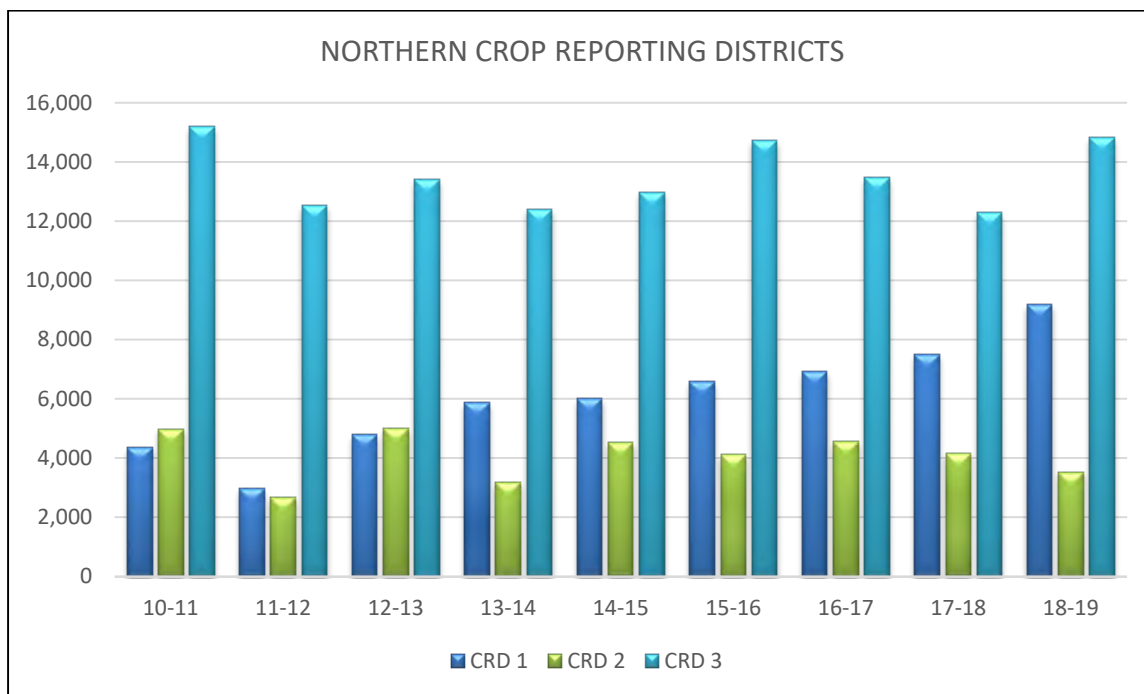


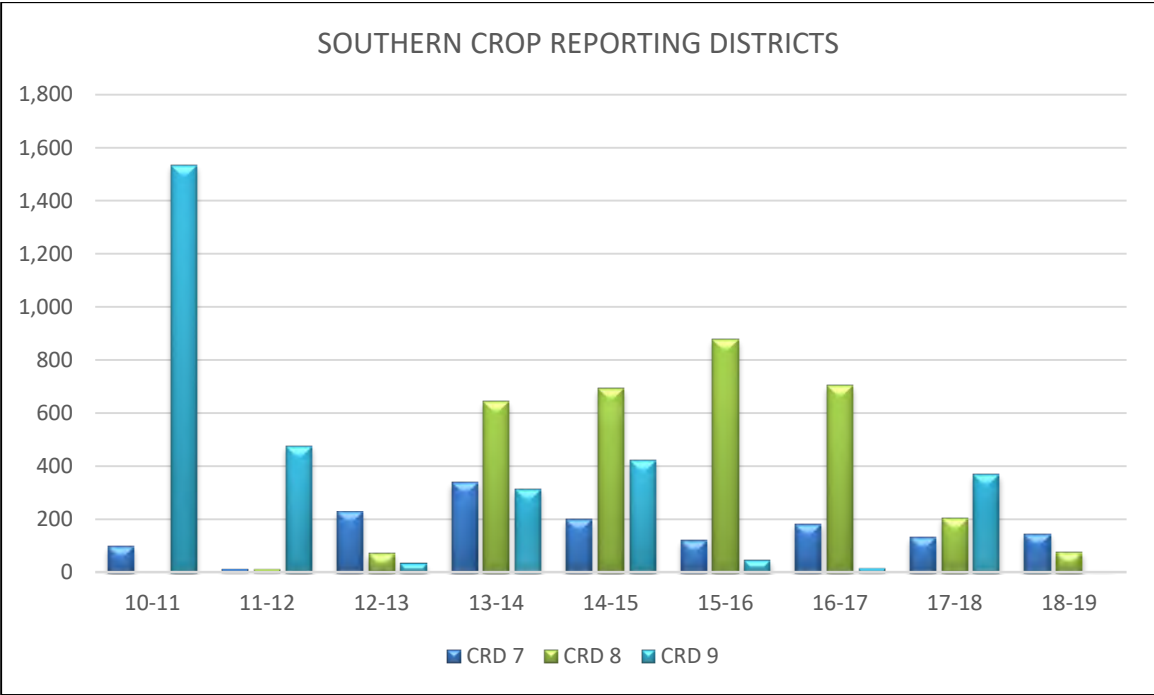
North Dakota Canola Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	4,354	4,975	15,199	1,619	889	273	98	0	1,534	28,941
	15%	17%	53%	6%	3%	1%	0%	0%	5%	100%
2011-12	2,972	2,671	12,537	959	456	777	11	12	476	20,871
	14%	13%	60%	5%	2%	4%	0%	0%	2%	100%
2012-13	4,808	5,000	13,423	1,143	540	590	228	71	39	25,836
	19%	19%	52%	4%	2%	2%	1%	0%	0%	100%
2013-14	5,888	3,180	12,419	1,362	213	790	339	644	314	25,149
	23%	13%	49%	5%	1%	3%	1%	3%	1%	100%
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%



Canola Shipments by Crop Reporting District (thousand bu.)

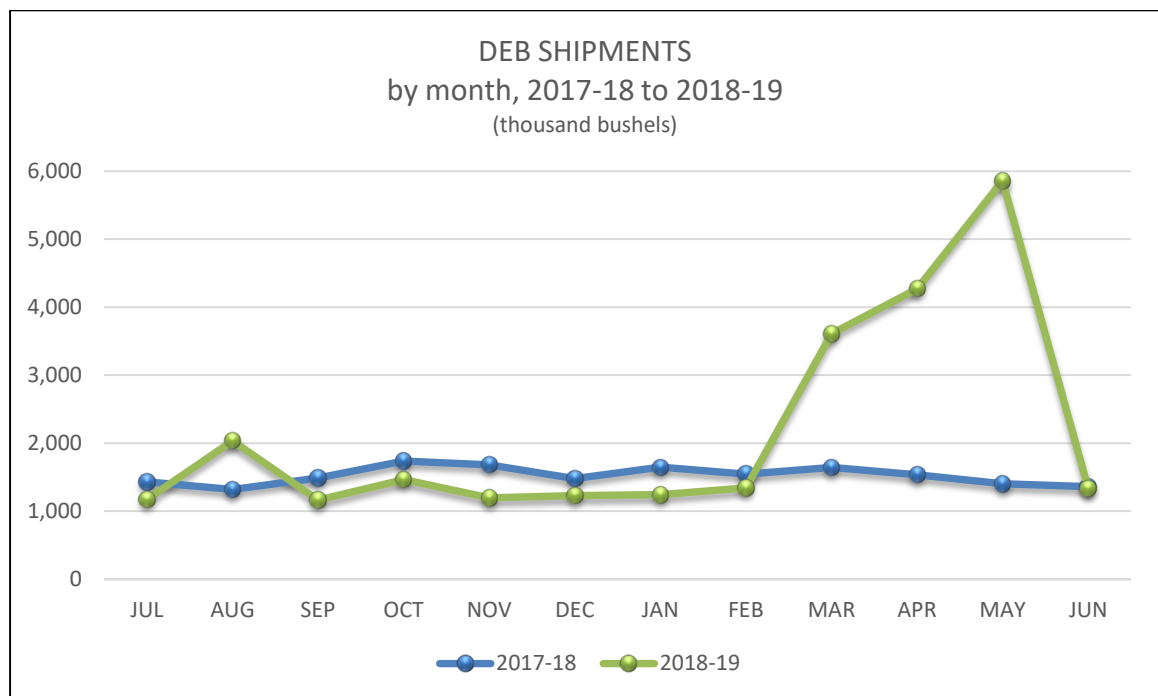
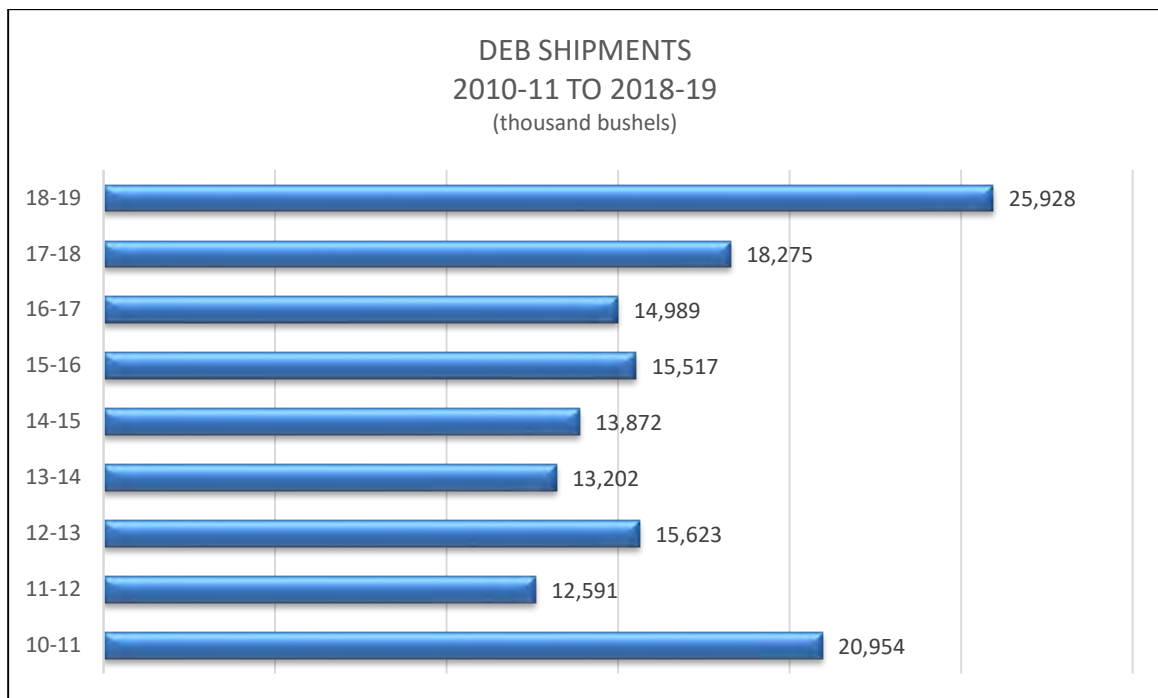




DRY EDIBLE BEAN (DEB) SHIPMENTS

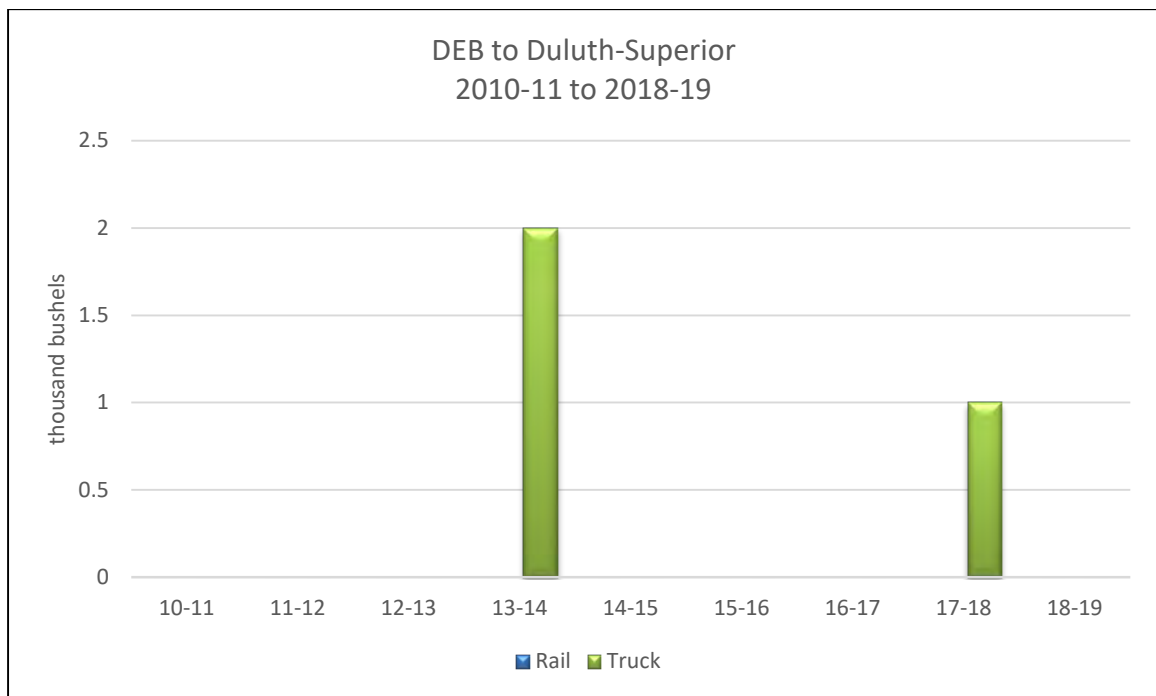
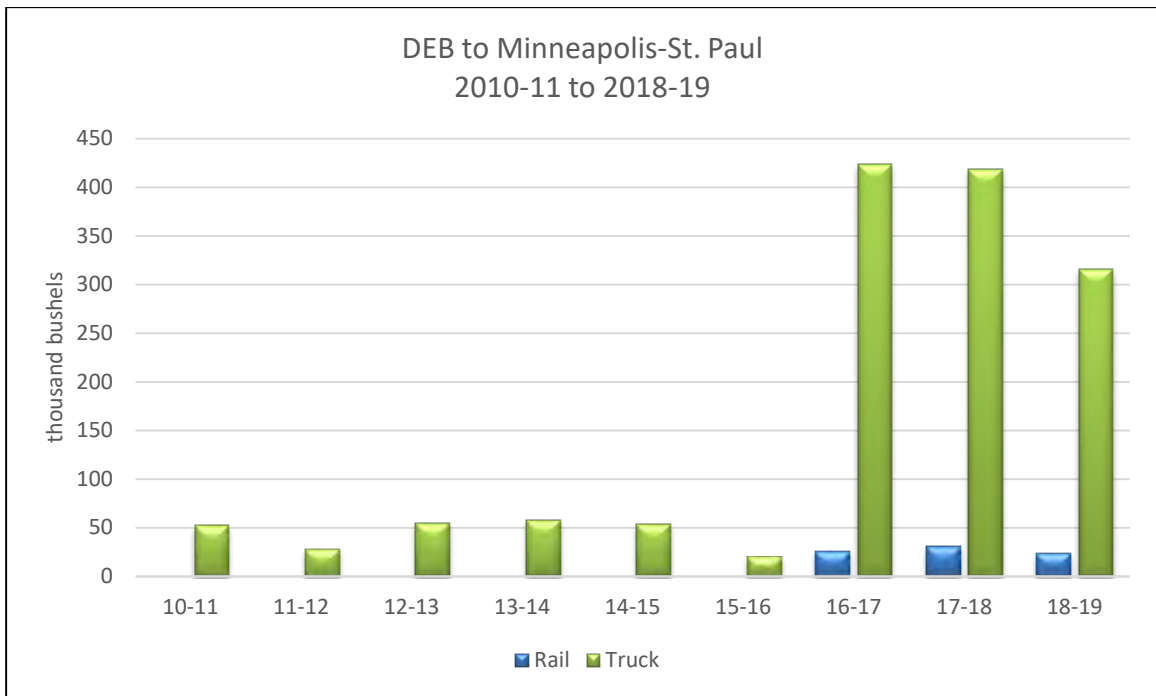
NORTH DAKOTA DEB SHIPMENTS BY DESTINATION (thousand bu.)

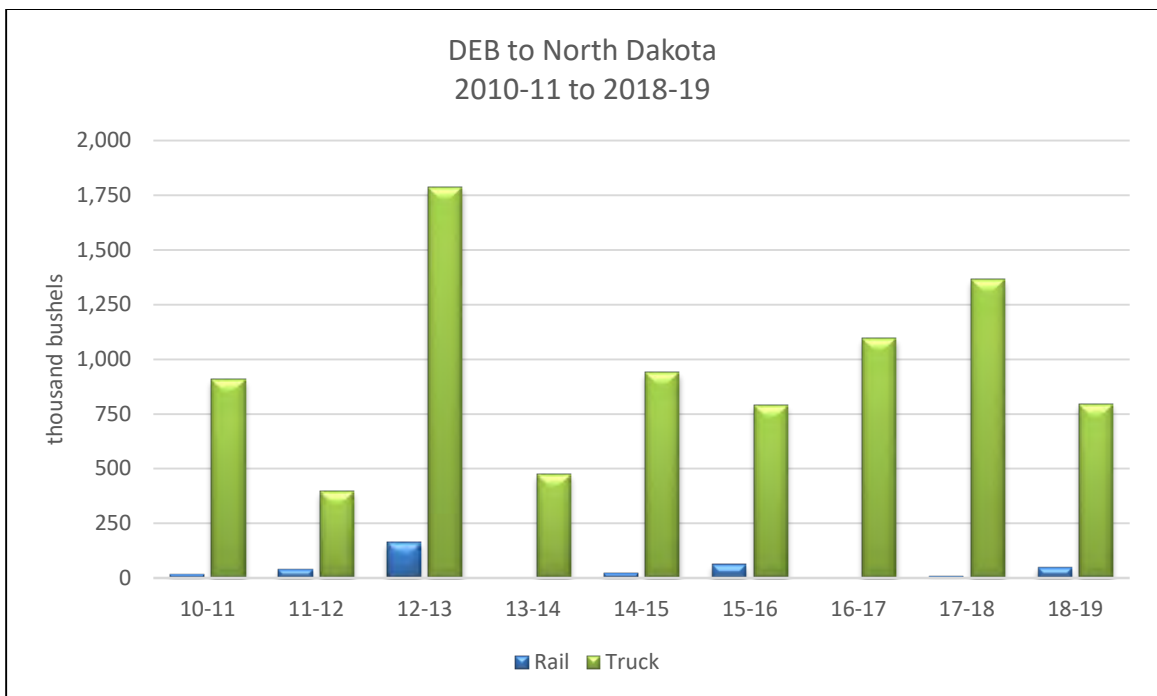
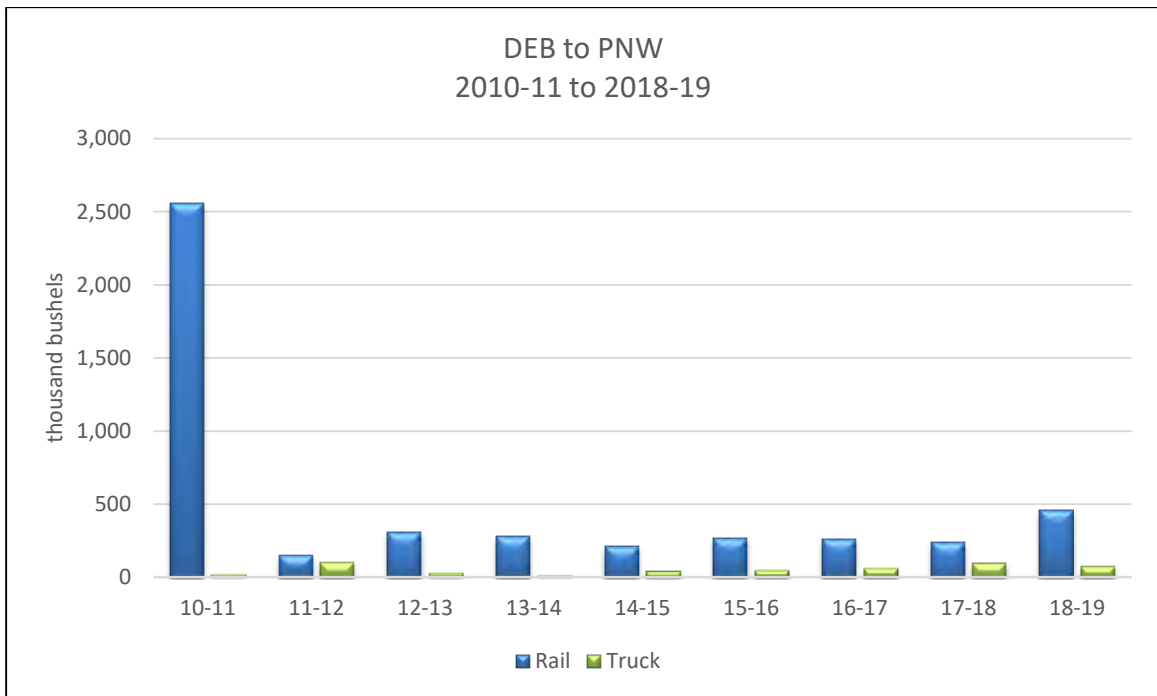
YEAR	Minneapolis-St. Paul	Duluth-Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	52	0	2,574	924	1,770	9,848	5,787	20,954
	0%	0%	12%	4%	8%	47%	28%	100%
2011-12	28	0	254	435	1,543	4,097	6,245	12,591
	0%	0%	2%	3%	12%	33%	50%	100%
2012-13	55	0	336	1,949	1,310	5,908	6,085	15,623
	0%	0%	2%	12%	8%	38%	39%	100%
2013-14	58	2	289	474	1,899	5,260	5,210	13,202
	0%	0%	2%	4%	14%	40%	39%	100%
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%

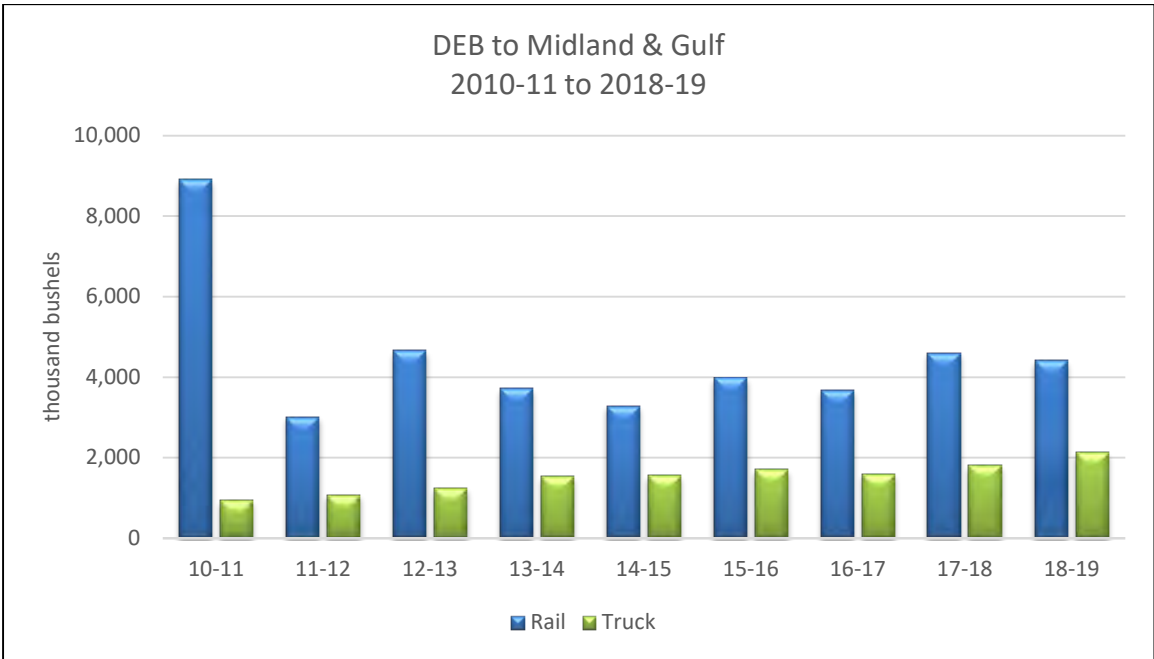
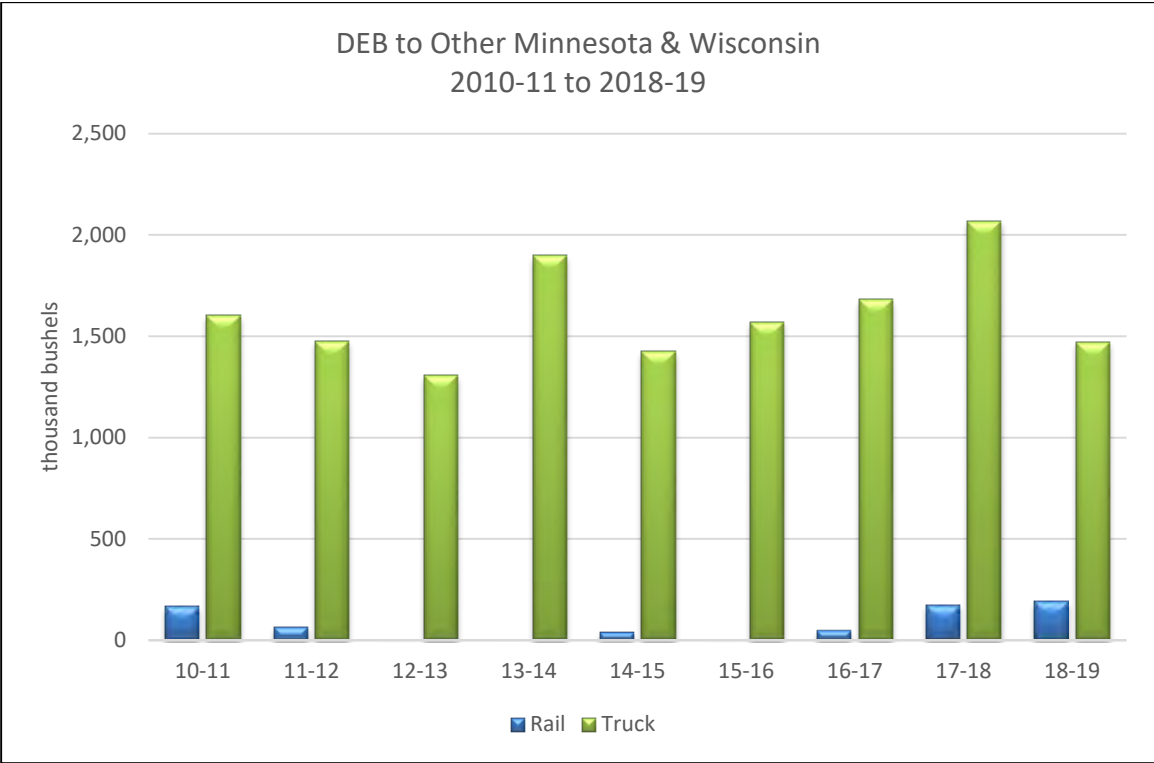


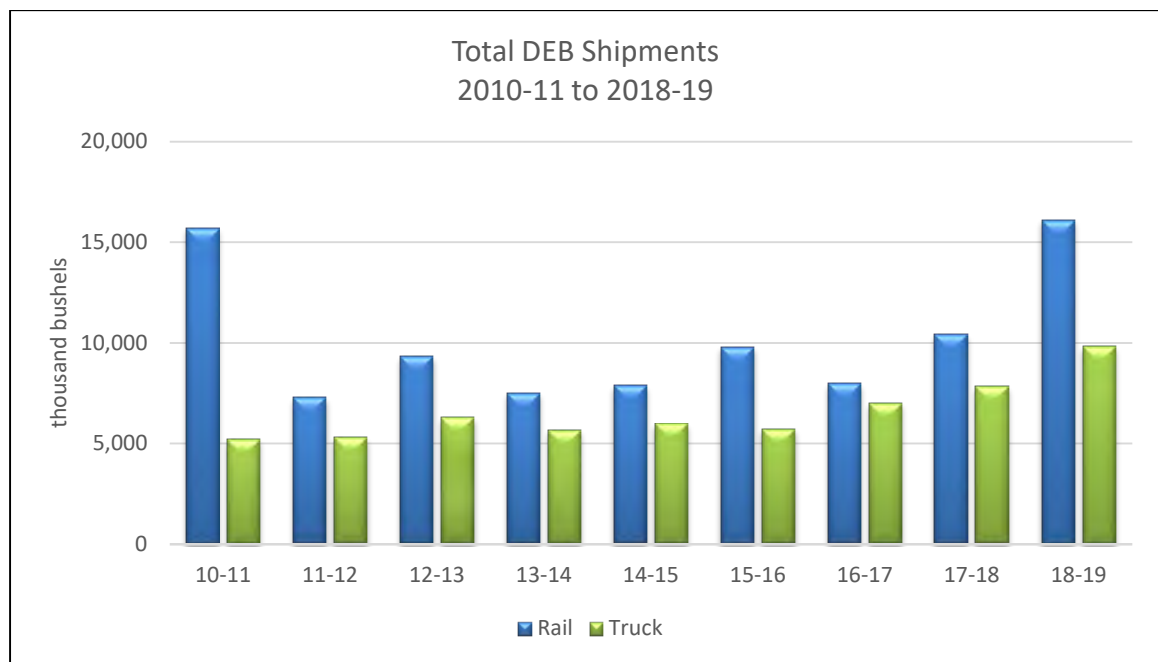
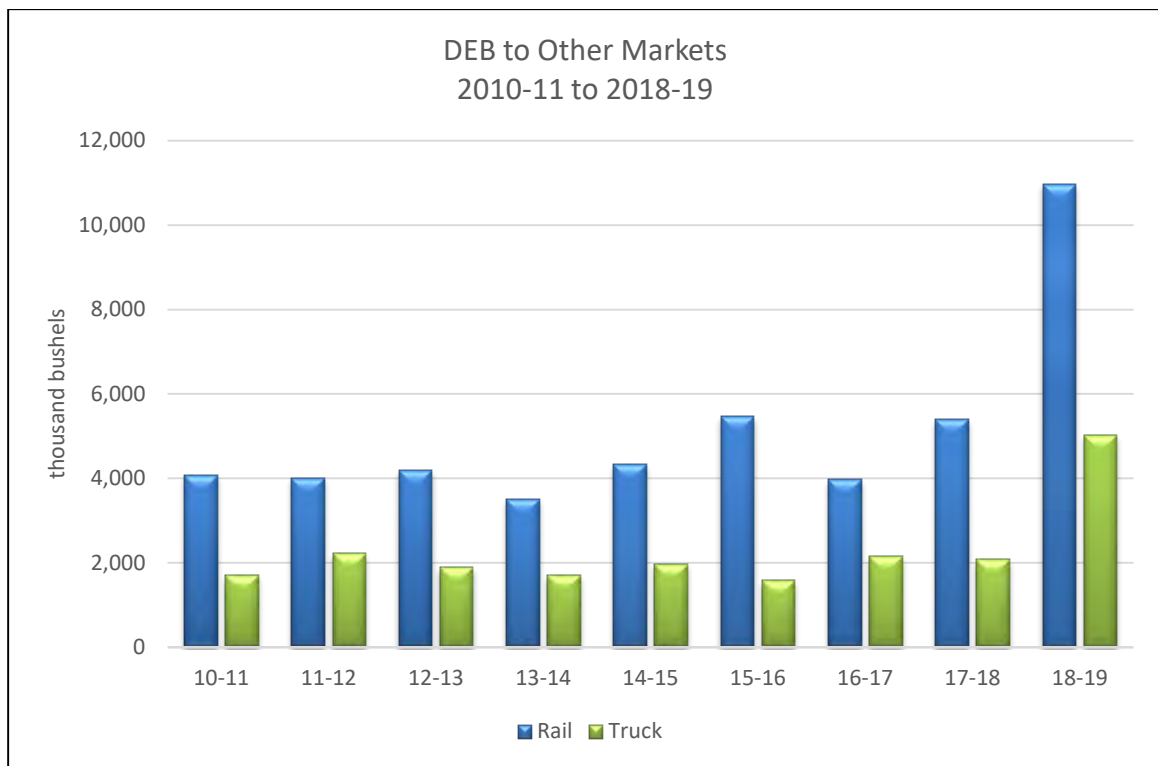
North Dakota DEB Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	0	52	0	0	2,557	17	17	907	167	1,603	8,907	941	4,075	1,712	15,718	5,236
	0%	100%	0%	0%	99%	1%	2%	98%	9%	91%	90%	10%	70%	30%	75%	25%
2011-12	0	28	0	0	150	104	40	395	66	1,477	3,018	1,079	4,016	2,229	7,280	5,311
	0%	100%	0%	0%	59%	41%	9%	91%	4%	96%	74%	26%	64%	36%	58%	42%
2012-13	0	55	0	0	311	25	164	1,785	3	1,307	4,659	1,249	4,194	1,891	9,329	6,294
	0%	100%	0%	0%	93%	7%	8%	92%	0%	100%	79%	21%	69%	31%	60%	40%
2013-14	0	58	0	2	277	12	0	474	0	1,899	3,731	1,529	3,506	1,704	7,513	5,689
	0%	100%	0%	100%	96%	4%	0%	100%	0%	100%	71%	29%	67%	33%	57%	43%
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%



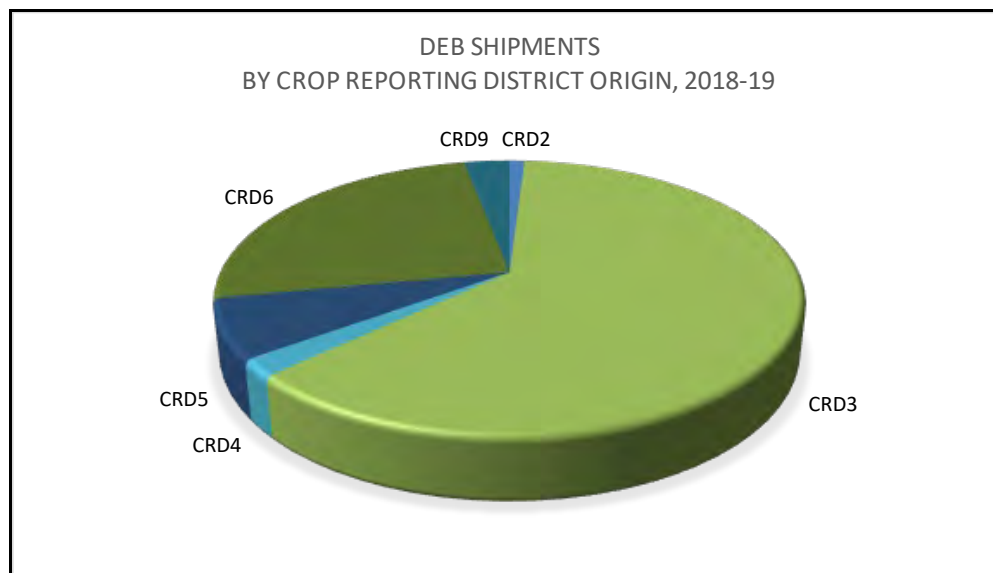




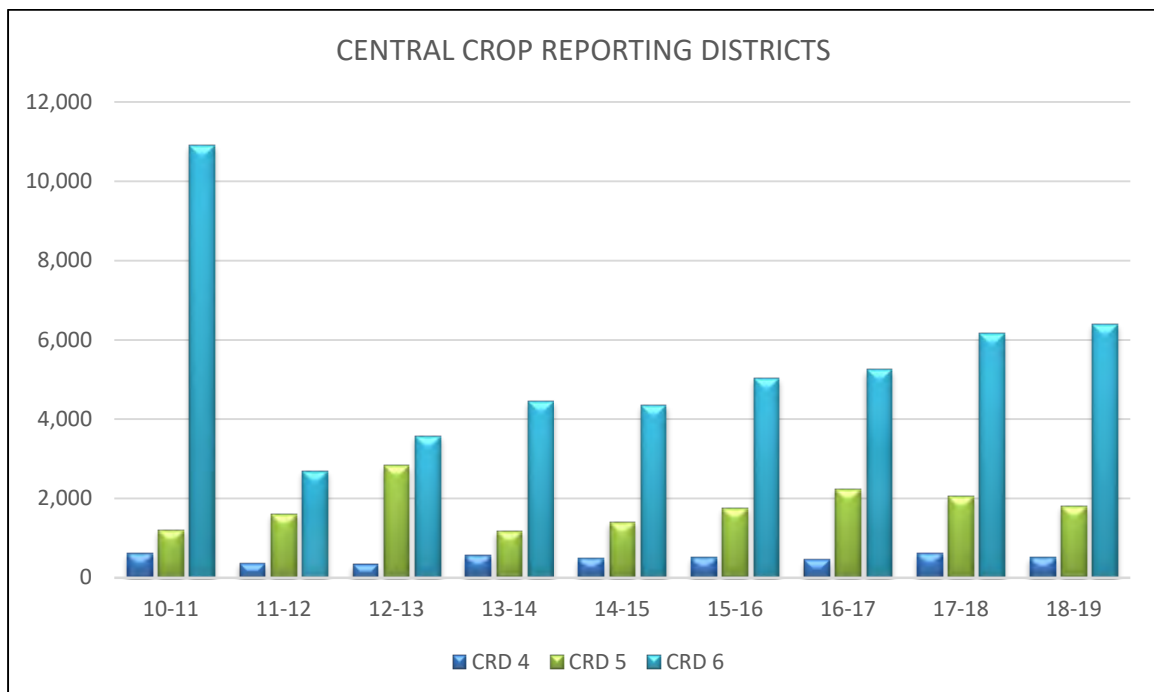
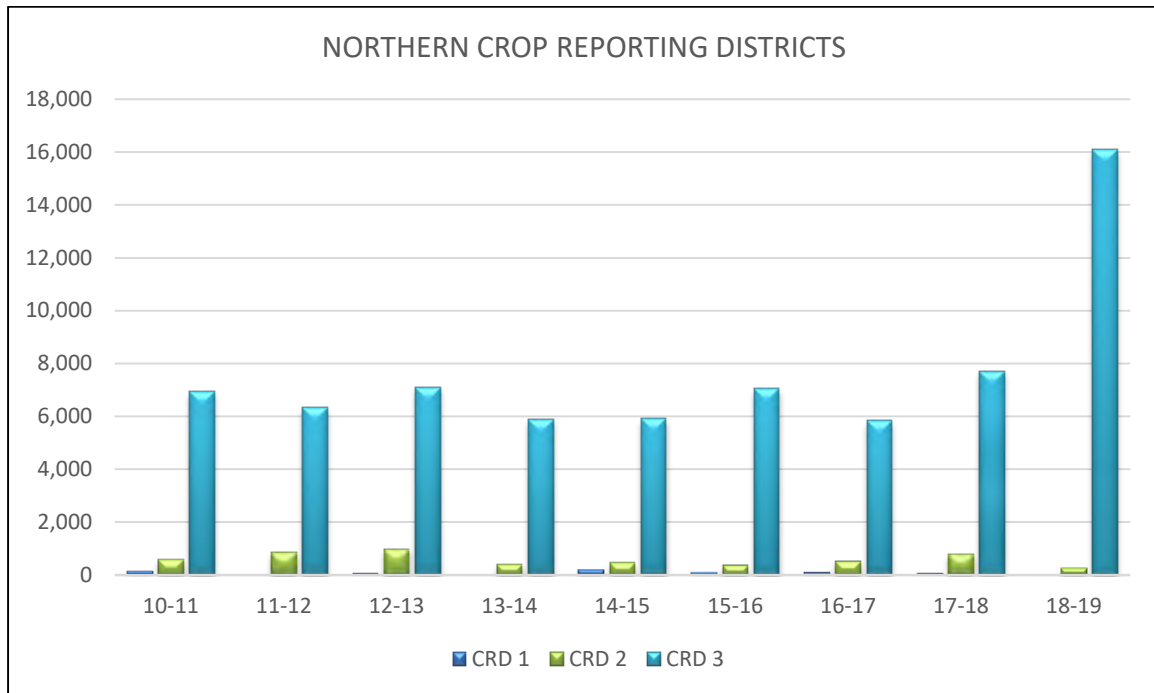


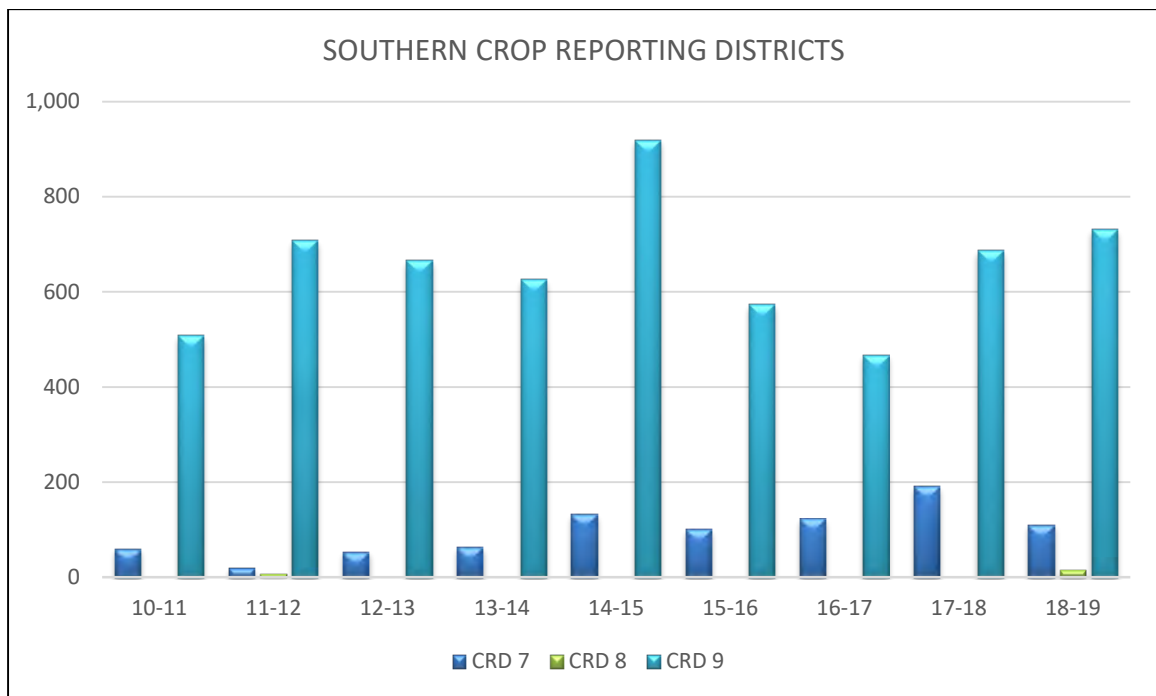
North Dakota DEB Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	128	585	6,951	609	1,197	10,916	60	0	508	20,954
	1%	3%	33%	3%	6%	52%	0%	0%	2%	100%
2011-12	2	848	6,328	375	1,612	2,692	19	7	708	12,591
	0%	7%	50%	3%	13%	21%	0%	0%	6%	100%
2012-13	60	984	7,109	337	2,836	3,578	53		666	15,623
	0%	6%	46%	2%	18%	23%	0%		4%	100%
2013-14	6	415	5,887	566	1,180	4,459	63		626	13,202
	0%	3%	45%	4%	9%	34%	0%		5%	100%
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%



DEB Shipments by Crop Reporting District (thousand bu.)

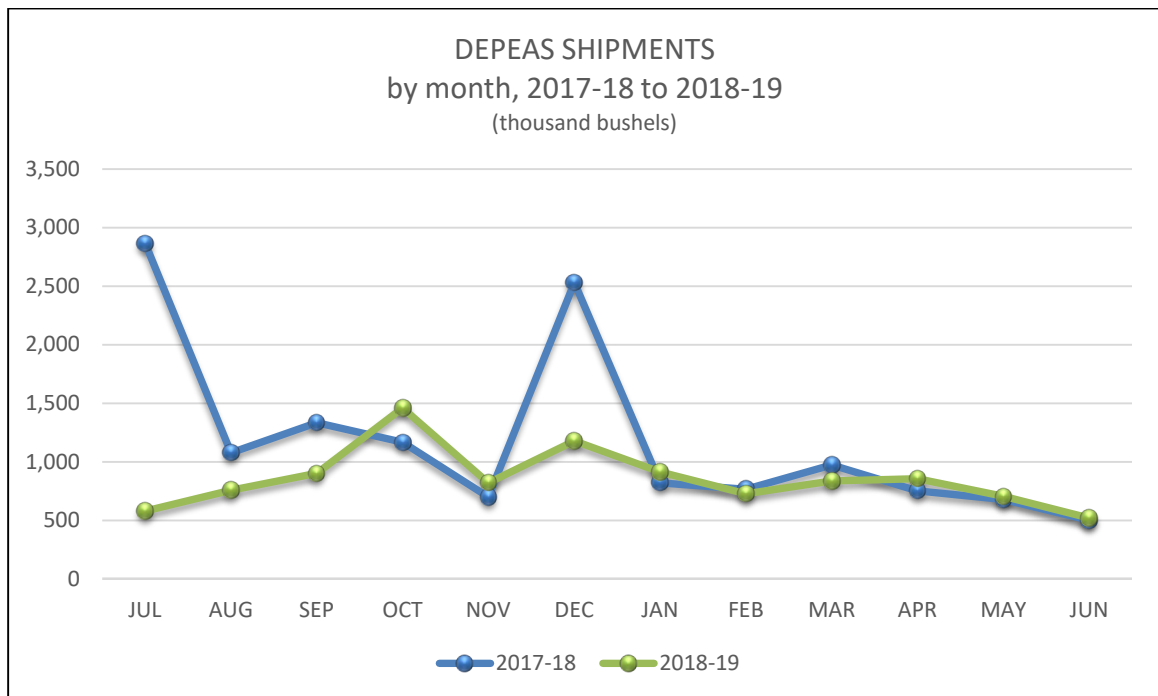
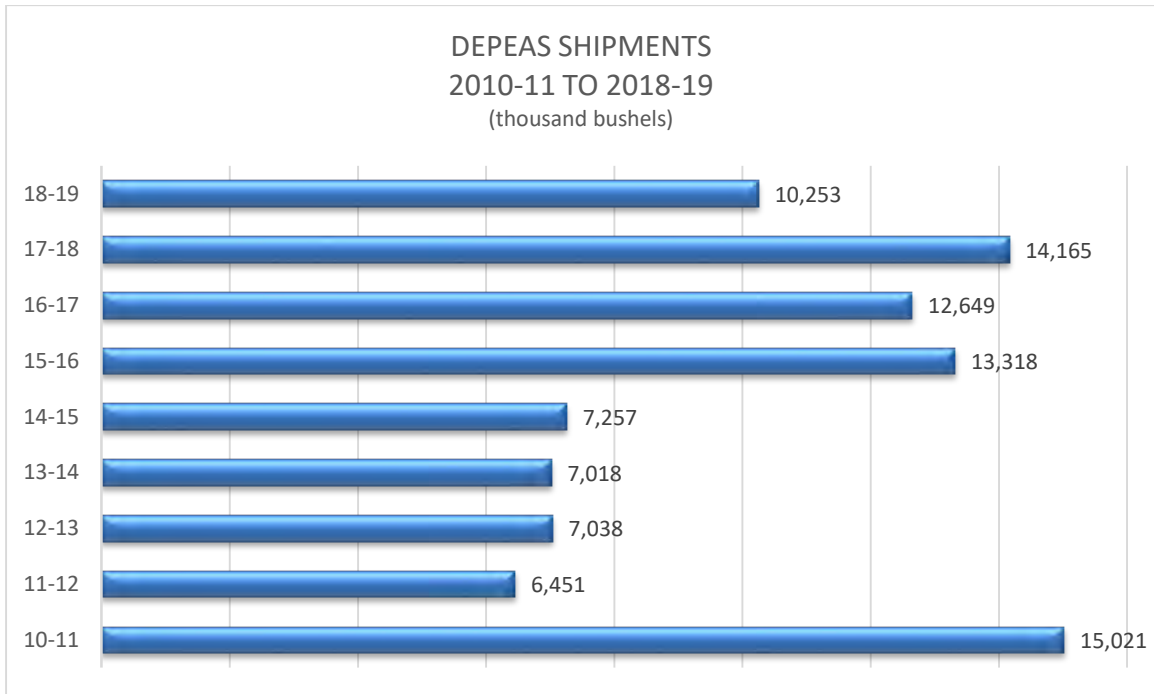




DRY EDIBLE PEA (DEPEAS) SHIPMENTS

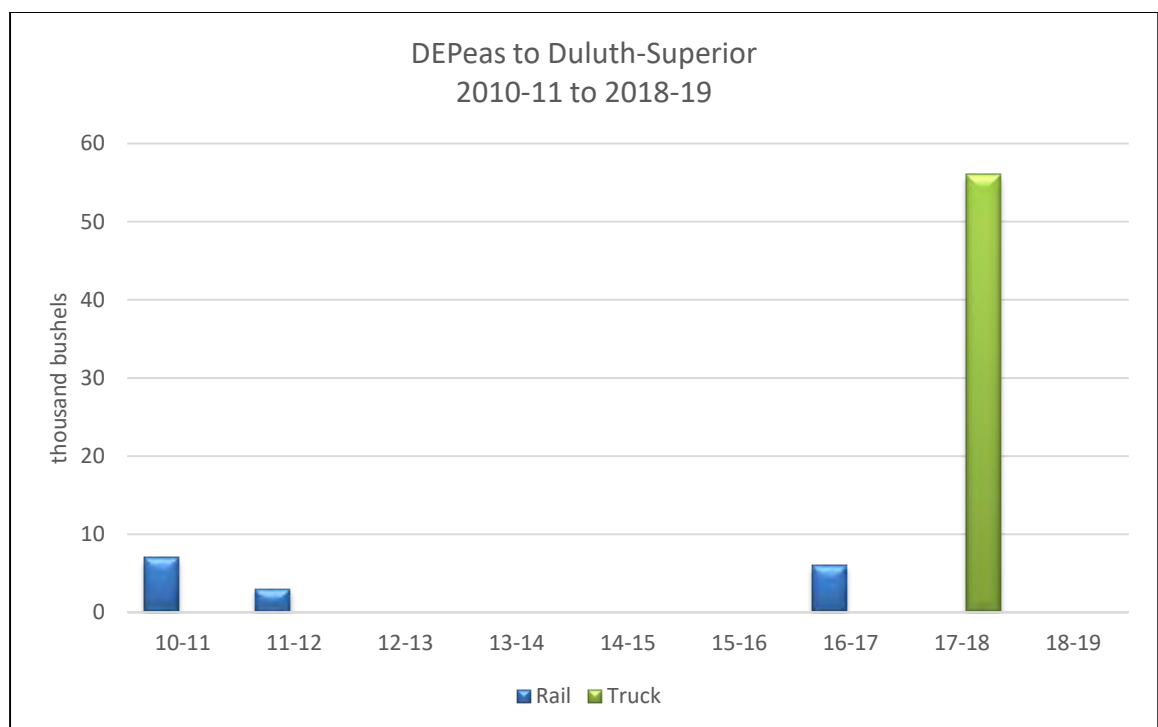
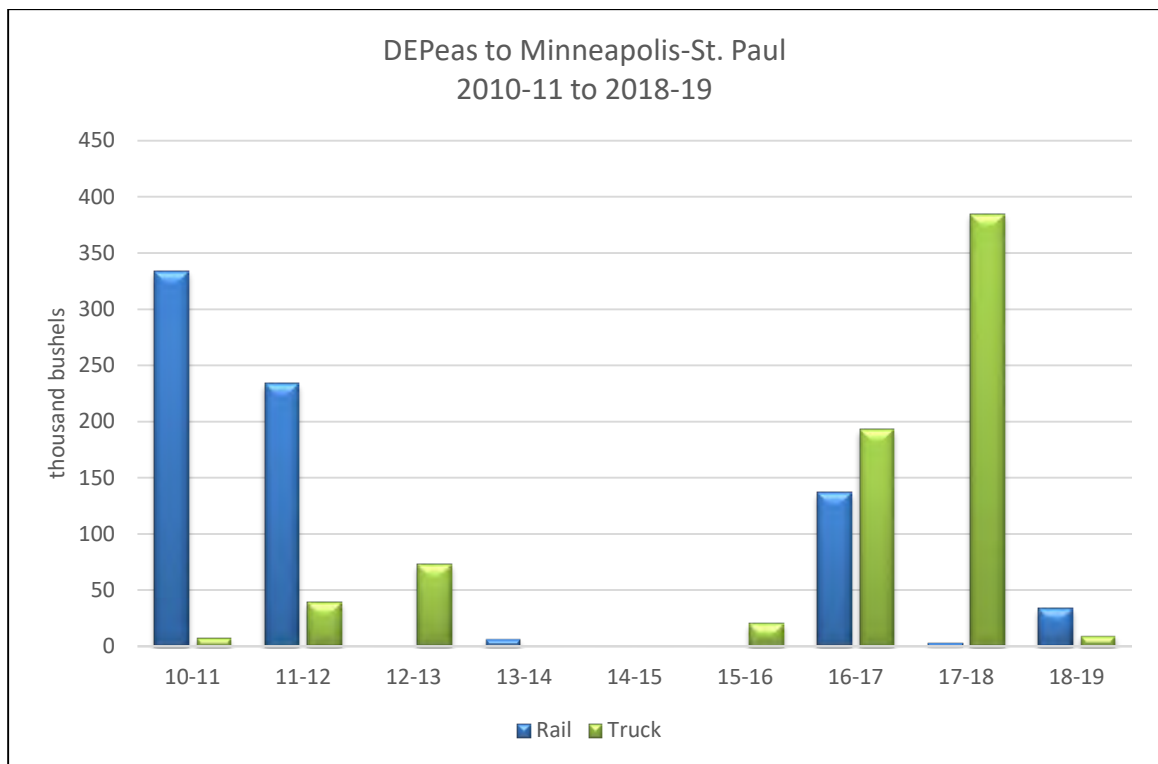
North Dakota DEPeas Shipments by Destination (thousand bu.)

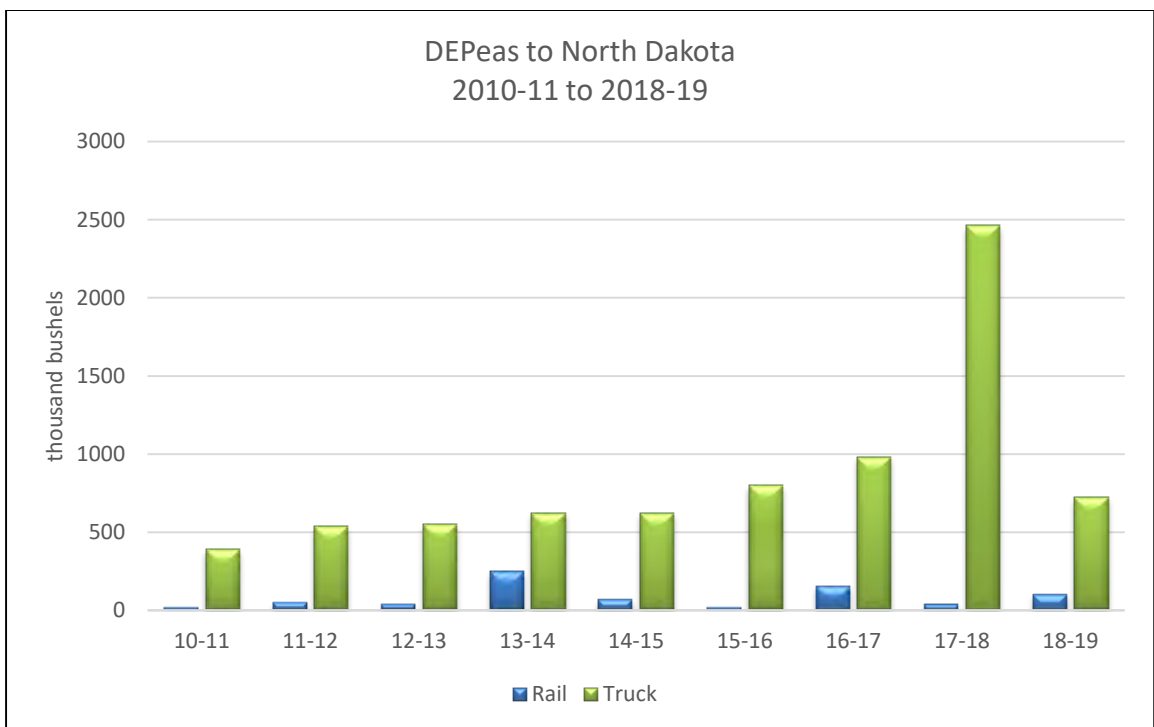
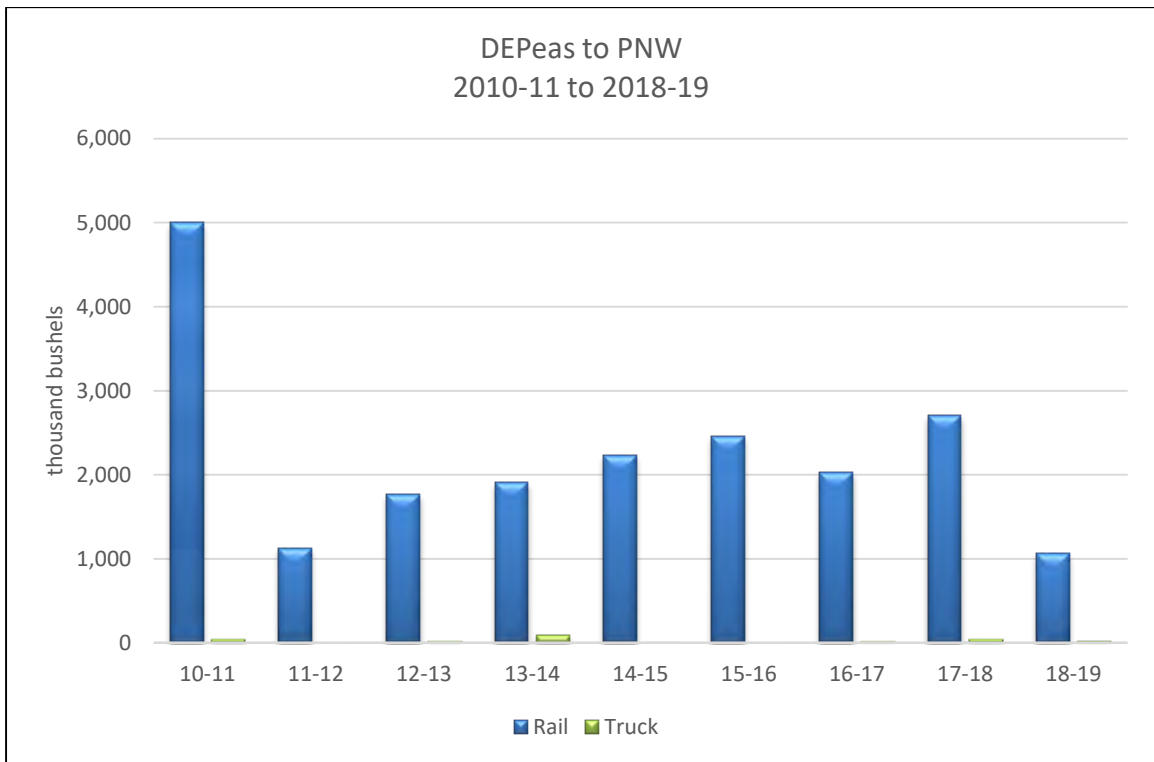
YEAR	Minneapolis-St. Paul	Duluth-Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2010-11	341	7	5,044	405	263	4,818	4,143	15,021
	2%	0%	34%	3%	2%	32%	28%	100%
2011-12	273	3	1,132	589	321	2,482	1,650	6,451
	4%	0%	18%	9%	5%	38%	26%	100%
2012-13	73	0	1,789	585	161	2,487	1,947	7,038
	1%	0%	25%	8%	2%	35%	28%	100%
2013-14	6	0	2,006	871	282	2,449	1,409	7,018
	0%	0%	29%	12%	4%	35%	20%	100%
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%

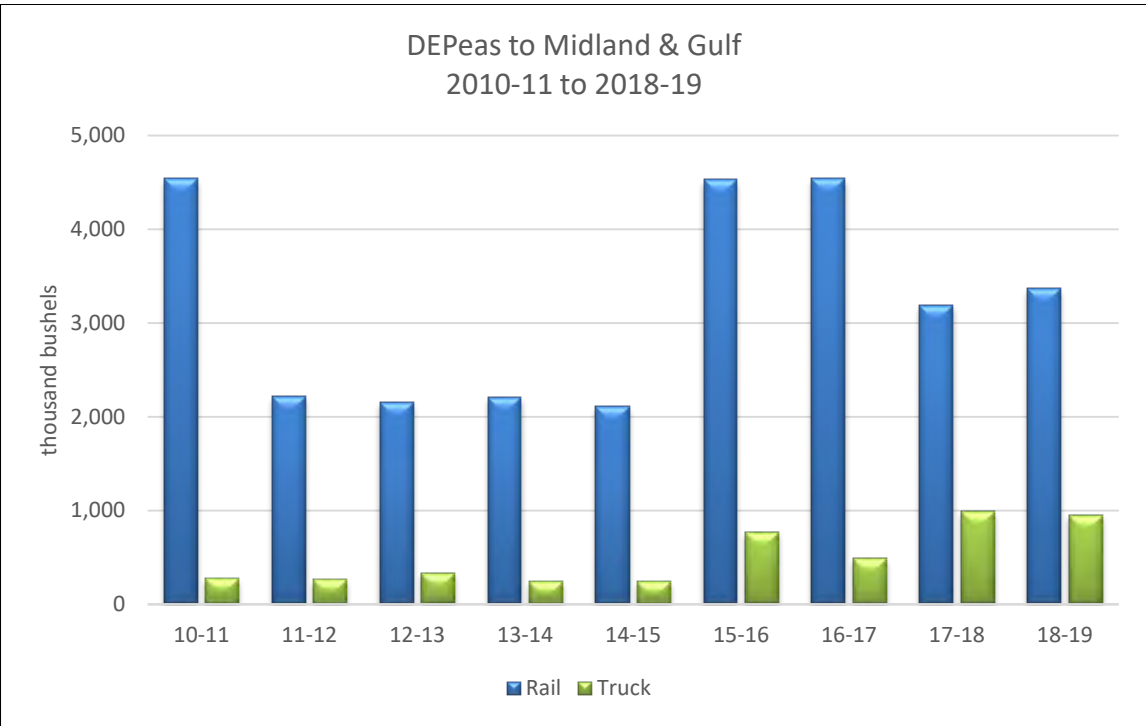
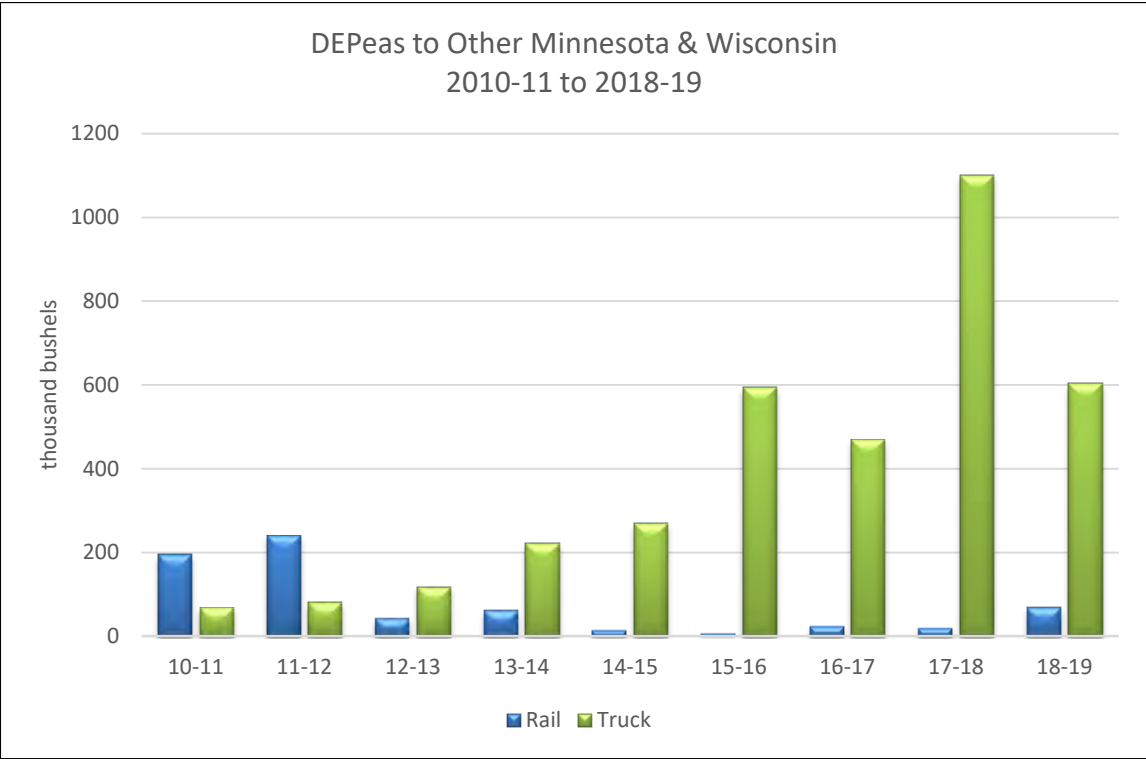


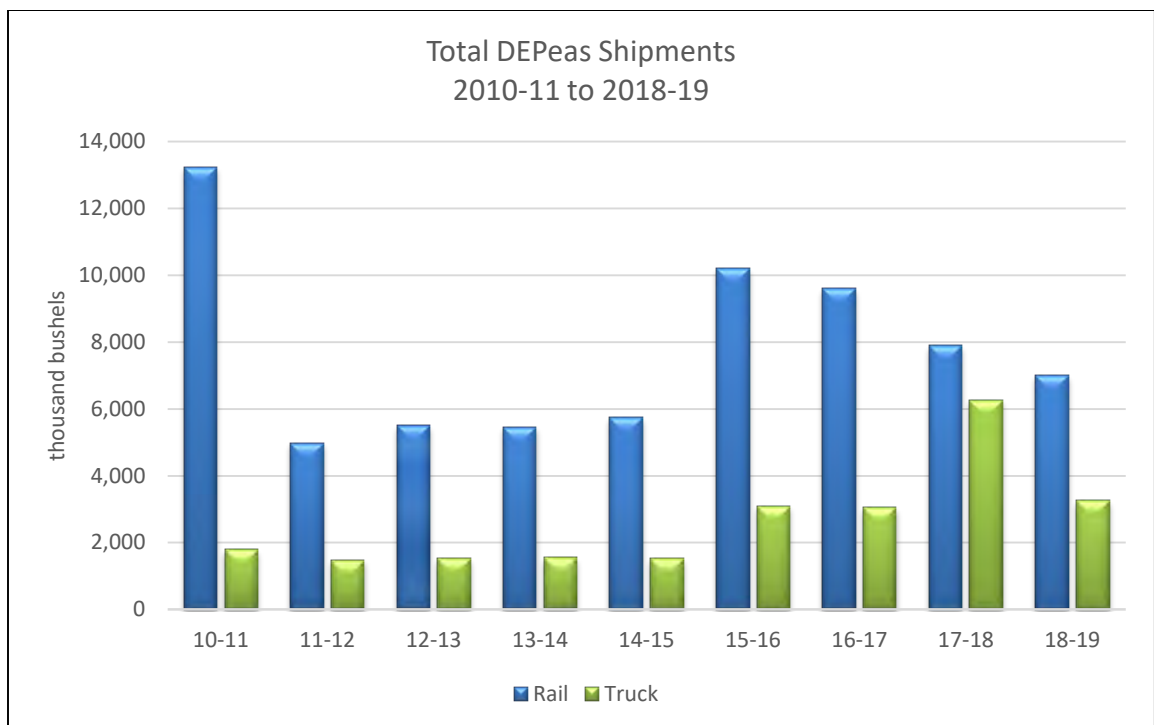
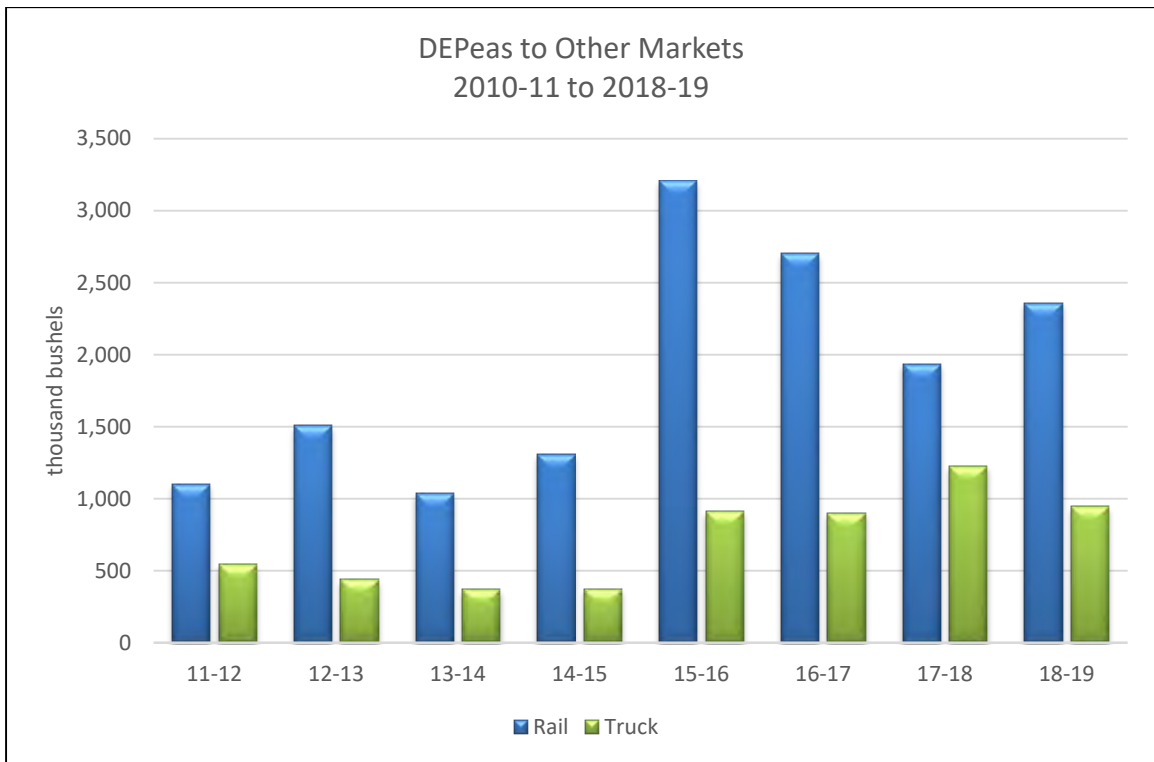
North Dakota DEPeas Shipments by Rail, Truck and Destination (thousand bu.)

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
2010-11	334	7	7	0	4,999	45	17	388	195	68	4,541	277	3,146	997	13,247	1,784
	98%	2%	100%	0%	99%	1%	4%	96%	74%	26%	94%	6%	76%	24%	88%	12%
2011-12	234	39	3	0	1,128	4	50	539	240	81	2,216	266	1,105	545	4,977	1,474
	86%	14%	100%	0%	100%	0%	8%	92%	75%	25%	89%	11%	67%	33%	77%	23%
2012-13	0	73	0	0	1,766	23	36	549	43	118	2,155	332	1,508	439	5,502	1,536
	0%	100%	0%	0%	99%	1%	6%	94%	27%	73%	87%	13%	77%	23%	78%	22%
2013-14	6	0	0	0	1,911	95	249	622	61	221	2,206	243	1,038	371	5,468	1,550
	100%	0%	0%	0%	95%	5%	29%	71%	22%	78%	90%	10%	74%	26%	78%	22%
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%



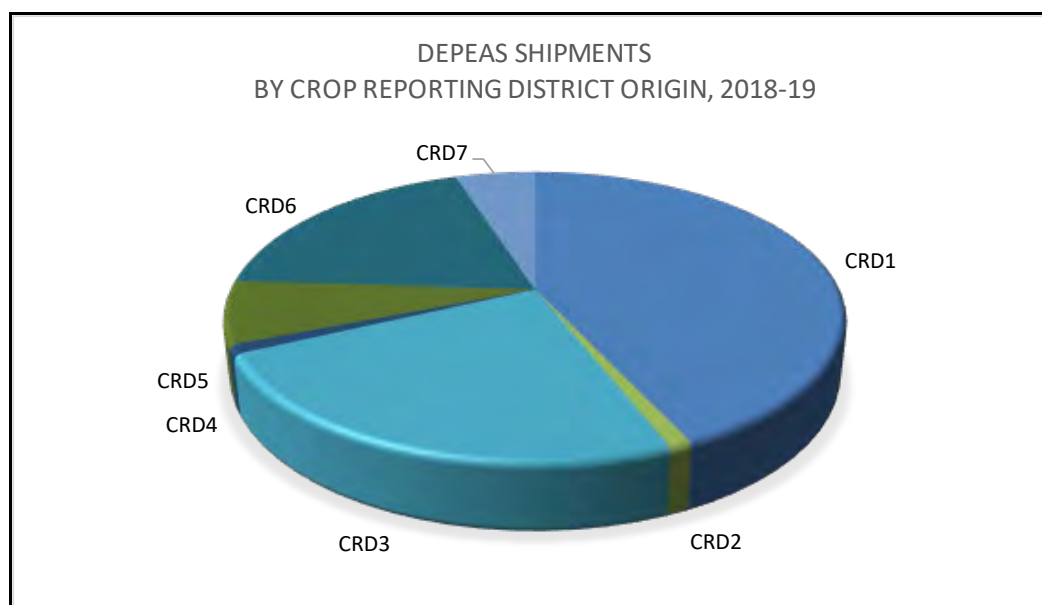






North Dakota DEPeas Shipments by Crop Reporting District (thousand bu.)

YEAR	Crop Reporting District									TOTAL
	1	2	3	4	5	6	7	8	9	
2010-11	6,773	373	3,769	1,750	200	668	1,199	57	237	15,021
	45%	2%	25%	12%	1%	4%	8%	0%	2%	100%
2011-12	1,904	13	1,639	771	214	705	950	6	249	6,451
	30%	0%	25%	12%	3%	11%	15%	0%	4%	100%
2012-13	2,573	123	1,896	635	429	467	902	1	12	7,038
	37%	2%	27%	9%	6%	7%	13%	0%	0%	100%
2013-14	2,542	103	2,174	280	278	320	1,306	0	15	7,018
	36%	1%	31%	4%	4%	5%	19%	0%	0%	100%
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%



DEPeas Shipments by Crop Reporting District (thousand bu.)

