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North Dakota Grain & Oilseed Transportation Statistics: 2016-17



NDSU UPPER GREAT PLAINS TRANSPORTATION INSTITUTE

NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS 2016-17

Kimberly Vachal

Advanced Research Fellow

Laurel Benson

Research 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 Public Service Commission Bismarck, ND

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

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Preface

The 2016-17 North Dakota Grain and Oilseed Transportation Statistics Report was prepared by Kimberly Vachal and Laurel 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 Public Service Commission that all North Dakota elevators report monthly movements of grains and oilseeds by truck and rail. Prior to 1967-68, these data had been estimated from questionnaires completed by a sample of country elevators.

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NORTH DAKOTA GRAIN AND OILSEED TRANSPORTATION STATISTICS, 2016-17

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:

2015/16 Crop Years and Earlier	2016/17 Crop Years and Later
Minneapolis-St. Paul	Minneapolis/SE MN & Chicago
Duluth-Superior	Duluth-Superior (unchanged)
Pacific Northwest (ID, OR, WA)	Pacific Northwest (unchanged)
Other Minnesota/Wisconsin	Other Upper Midwest
Midland & Gulf states (AR, AZ, CA, CO, IA, KS, LA, MO, MT, NE,	Midland & SW States (new label, states
NM, NV, OK, SD, TX, and WY)	unchanged)
North Dakota	North Dakota (unchanged)
Other	Other (unchanged)

- 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 2016 to June 2017, and previous years.
- Commodity: Hard red spring wheat, durum, barley, sunflower, soybeans, corn, canola, dry edible beans, and dry edible peas.

SOURCE OF DATA

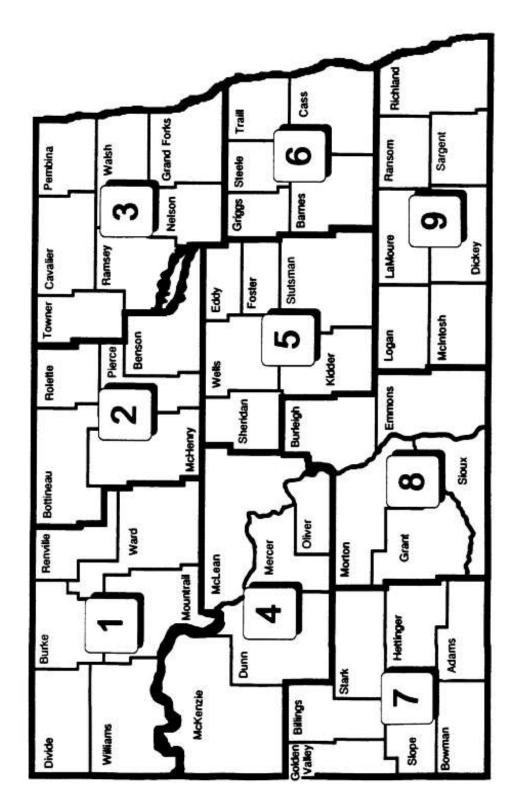
The data used to analyze North Dakota grain distribution patterns for the period July 2015 through June 2016 were obtained from all country elevators in North Dakota. The data source is the North Dakota Public Service Commission's "Grain Movement Report." Every country elevator in North Dakota is required 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

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

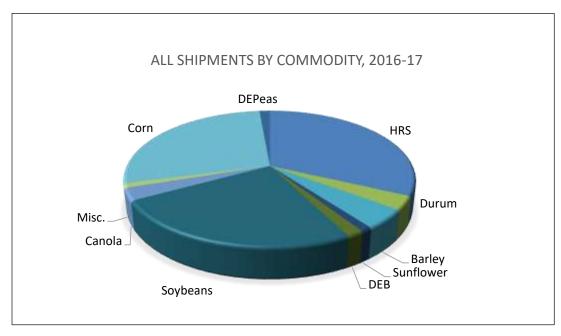
2016-17 totals are preliminary, representing 99 percent of the required reports.



North Dakota Crop Reporting Districts and Counties

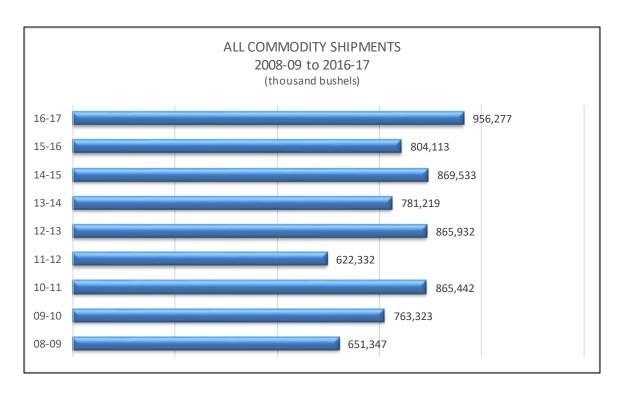
TOTAL GRAIN AND OILSEED SHIPMENTS

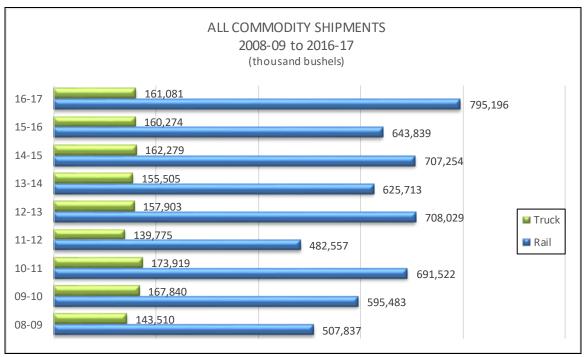
YEAR	HRS	Durum	Barley	Sunflower	Soybeans	Corn	Canola	DEB	DEPeas	Misc.	TOTAL
2008-09	192,735	21,911	57,230	24,820	110,207	189,900	17,031	15,972	9,675	11,866	651,347
	30%	3%	9%	4%	17%	29%	3%	3%	2%	2%	100%
2009-10	266,271	42,698	50,579	29,329	138,166	167,327	21,053	19,124	14,909	13,867	763,323
	35%	6%	7%	4%	18%	22%	3%	3%	2%	2%	100%
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%



North Dakota Grain and Oilseed Shipments by Destination: 2008-09 to 2016-17 (thousand bu.)

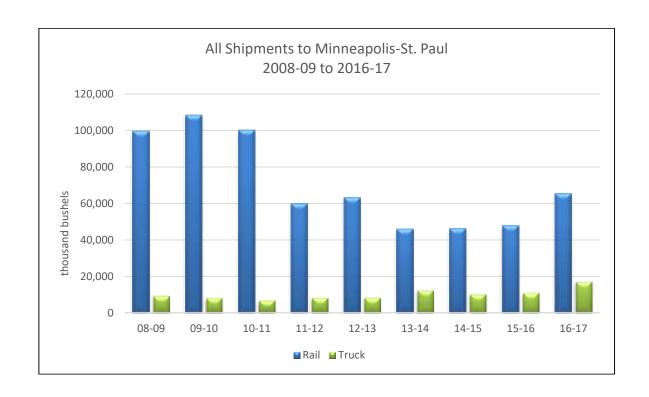
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	109,294	16,608	203,051	131,813	40,505	41,516	108,564	651,347
	17%	3%	31%	20%	6%	6%	17%	100%
2009-10	116,638	33,489	200,438	155,917	42,907	62,750	151,177	763,323
	15%	4%	26%	20%	6%	8%	20%	100%
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%

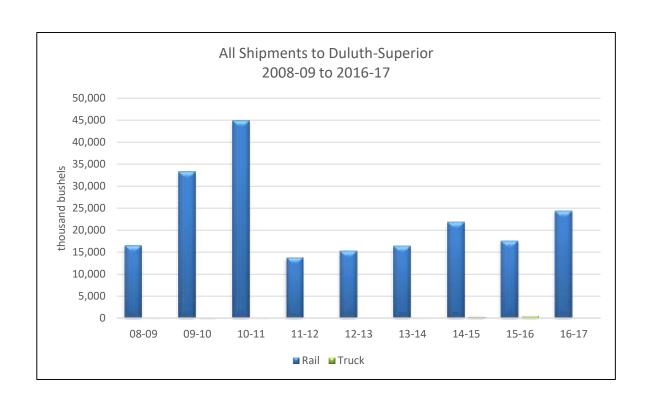


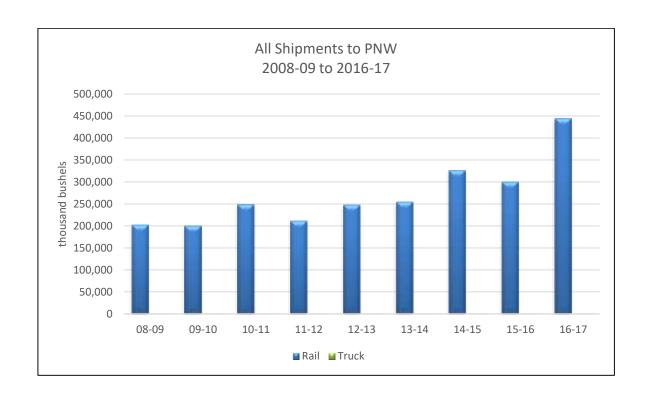


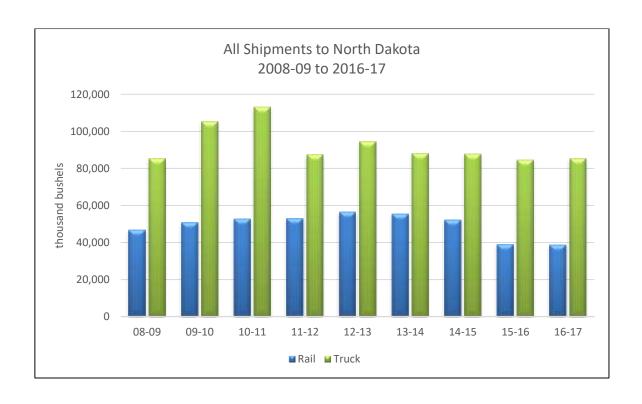
North Dakota Grain and Oilseed Shipments by Rail, Truck and Destination (thousand bu.)

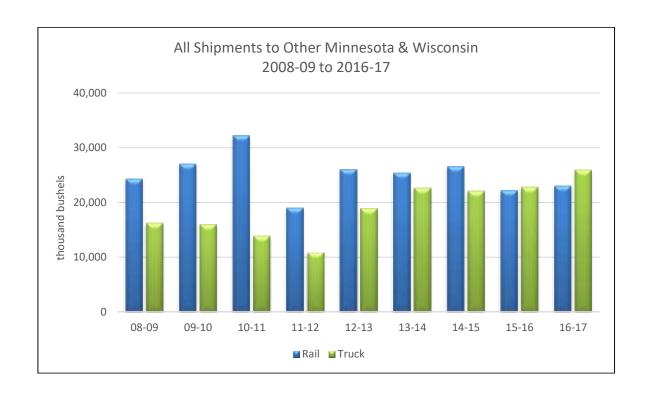
YEAR	Minne St. I		Dulu Supe		PN	w	-	orth kota		Minn. consin	Midla Gı	and & ulf	Oth	ner	то ⁻	ΓAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
	99,795	9,499	16,507	101	201,634	1,417	46,529	85,284	24,281	16,224	36,870	4,646	82,221	26,343	507,837	143,510
2008-09	91%	9%	99%	1%	99%	1%	35%	65%	60%	40%	89%	11%	76%	24%	78%	22%
	108,307	8,331	33,269	220	199,553	885	50,653	105,263	26,992	15,916	55,603	7,147	121,104	30,073	595,483	167,840
2009-10	93%	7%	99%	1%	100%	0%	32%	68%	63%	37%	89%	11%	80%	20%	78%	22%
	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
2010-11	94%	6%	100%	0%	100%	0%	32%	68%	70%	30%	88%	12%	83%	17%	80%	20%
	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
2011-12	87%	13%	100%	0%	100%	0%	38%	62%	64%	36%	82%	18%	79%	21%	78%	22%
	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
2012-13	88%	12%	100%	0%	100%	0%	37%	63%	58%	42%	91%	9%	89%	11%	82%	18%
	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
2013-14	79%	21%	100%	0%	100%	0%	39%	61%	53%	47%	85%	15%	89%	11%	80%	20%
	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
2014-15	82%	18%	98%	2%	100%	0%	37%	63%	55%	45%	82%	18%	86%	14%	81%	19%
	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
2015-16	81%	19%	97%	3%	100%	0%	32%	68%	49%	51%	88%	12%	83%	17%	80%	20%
	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
2016-17	79%	21%	100%	0%	100%	0%	31%	69%	47%	53%	93%	7%	84%	16%	83%	17%

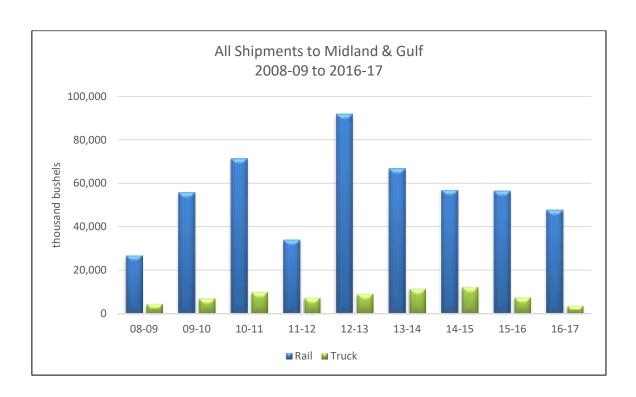


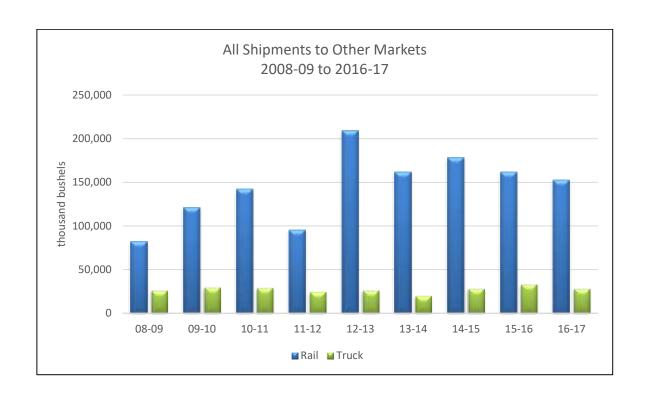






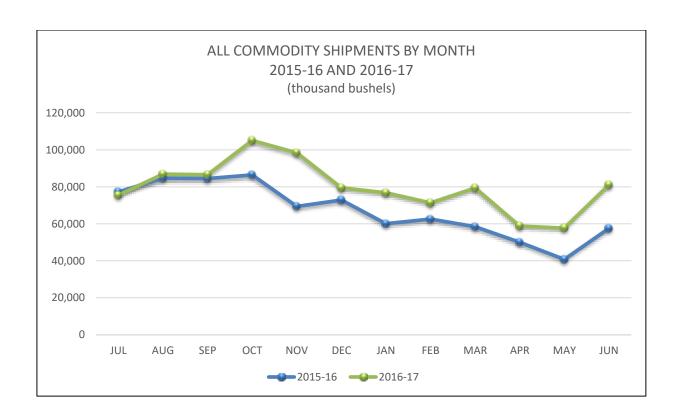






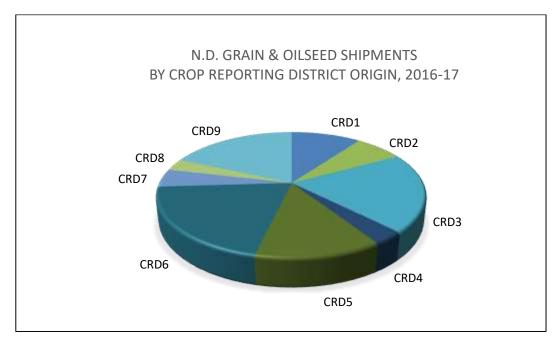
North Dakota Grain and Oilseed Movements by Month: July 2016 - June 2017 (thousand bu.)

MONTH	HRS	Durum	Barley	SF	Corn	Soybeans	Canola	DEB	DEPeas	Other	TOTAL
July	30,327	2,785	4,450	434	19,385	13,986	1,630	1,129	793	577	75,496
August	39,241	3,170	2,729	782	23,215	9,710	4,048	1,256	1,542	1,121	86,814
September	34,688	3,493	3,689	581	12,913	21,723	5,698	1,136	1,228	1,382	86,531
October	18,749	2,118	3,328	1,691	13,225	59,717	2,941	1,246	1,185	826	105,026
November	16,783	2,824	3,409	806	31,086	38,379	2,028	1,167	1,074	846	98,401
December	17,677	1,860	3,137	1,031	27,653	22,944	1,970	1,242	1,154	711	79,379
January	23,030	2,019	4,821	873	15,455	24,310	2,910	1,428	1,025	856	76,727
February	25,255	2,968	3,166	868	22,487	11,844	1,674	1,127	1,181	702	71,272
March	29,323	3,129	4,475	1,380	25,754	10,213	1,788	1,182	1,206	842	79,291
April	18,870	1,874	3,311	442	20,202	10,072	1,283	1,393	790	504	58,743
May	20,133	1,942	3,065	821	22,408	5,481	942	1,345	871	652	57,659
June	31,886	2,382	4,311	785	31,238	6,833	947	1,338	600	617	80,938
TOTAL	305,961	30,564	43,891	10,494	265,021	235,212	27,859	14,989	12,649	9,637	956,277

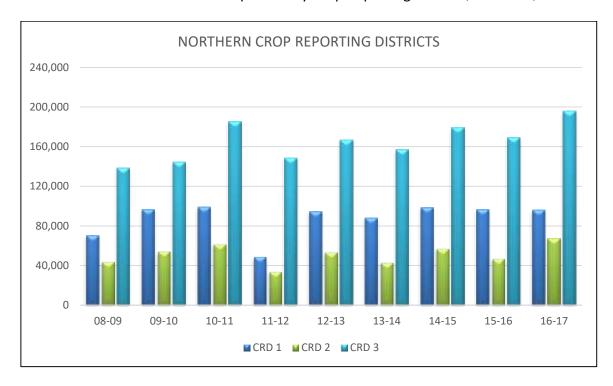


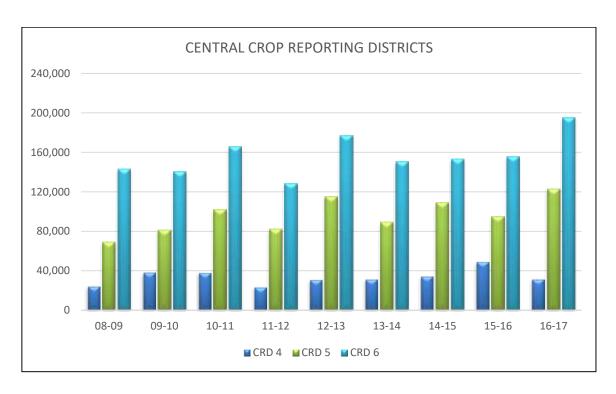
North Dakota Grain and Oilseed Shipments by Crop Reporting District Origin 2008-09 to 2016-17 (thousand bu.)

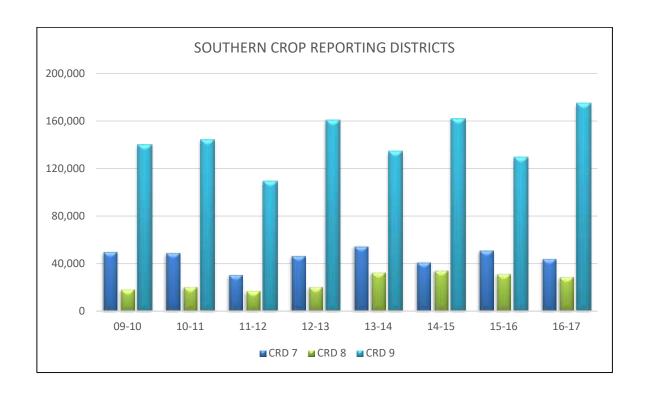
				Crop	Reporting D	istrict				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	70,038	43,797	138,409	24,486	69,176	142,770	13,649	7,443	141,580	651,347
	11%	5%	21%	4%	11%	22%	2%	1%	22%	100%
2009-10	96,317	54,520	144,193	38,437	81,044	140,154	50,067	18,411	140,180	763,323
	13%	7%	19%	5%	11%	18%	7%	2%	18%	100%
2010-11	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
	10%	7%	20%	3%	13%	20%	5%	3%	18%	100%



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



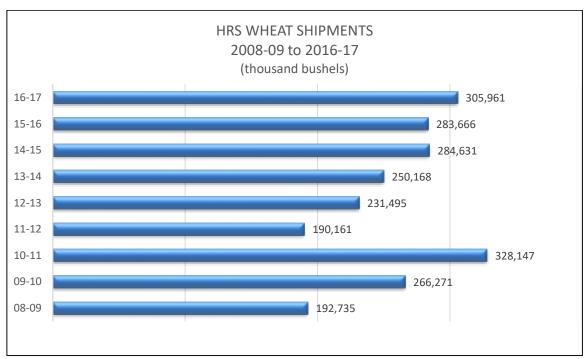


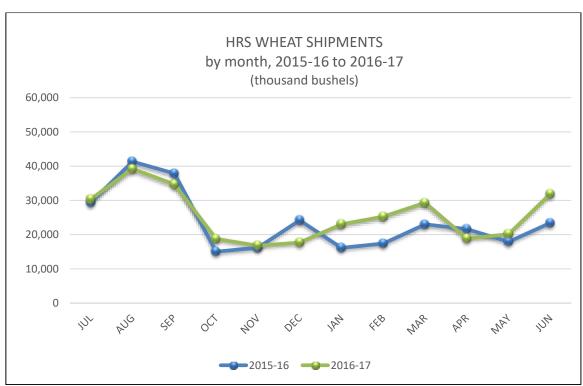


HARD RED SPRING WHEAT SHIPMENTS

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

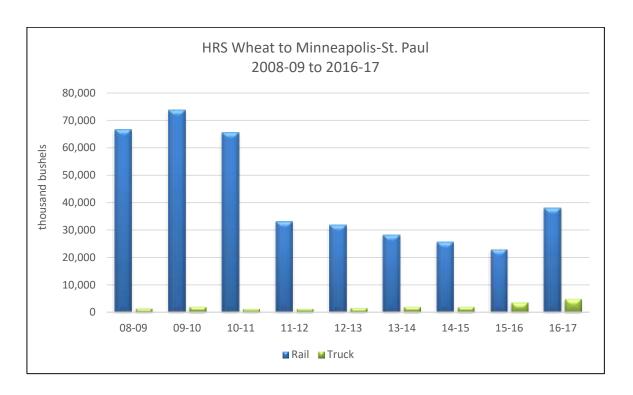
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	68,273	11,312	33,829	13,564	9,401	14,448	41,907	192,735
	35%	6%	18%	7%	5%	7%	22%	100%
2009-10	75,959	17,269	47,571	19,619	9,246	25,518	71,089	266,271
	29%	6%	18%	7%	3%	10%	27%	100%
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%

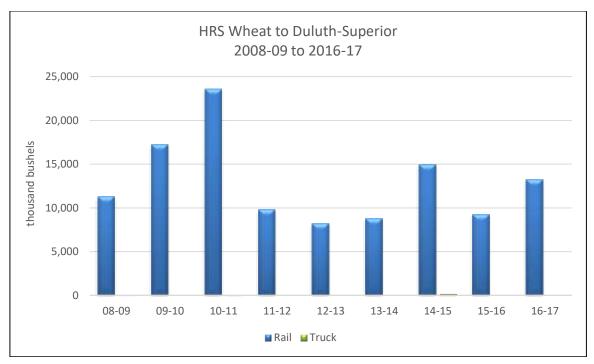


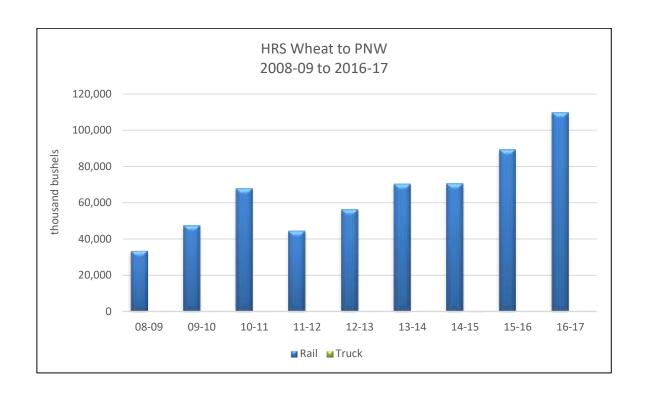


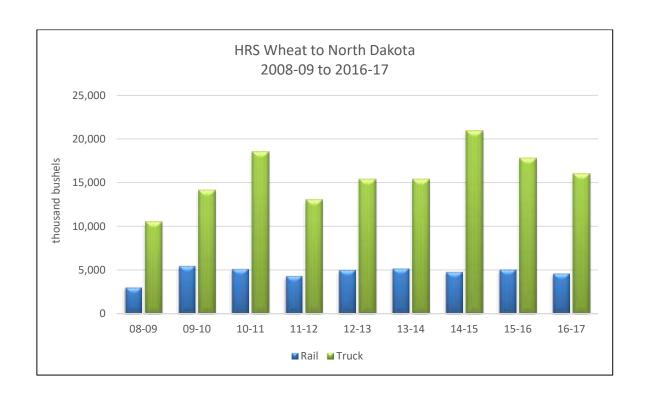
North Dakota Hard Red Spring Wheat Shipments by Rail, Truck and Destination (thousand bu.)

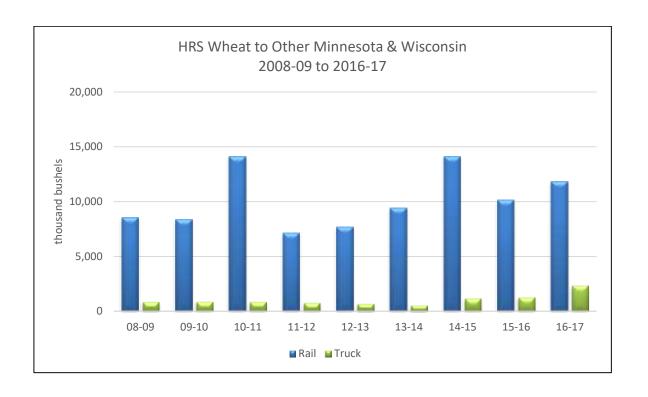
YEAR	Minne St. F	•	Duli Supe		PN	w	_	orth kota	Other & Wise		Midla Gı		Otl	her	тот	ΓAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	66,713	1,561	11,259	53	33,667	162	3,056	10,509	8,545	856	13,629	819	41,434	473	178,302	14,433
	98%	2%	100%	0%	100%	0%	23%	77%	91%	9%	94%	6%	99%	1%	93%	7%
2009-10	73,777	2,181	17,243	26	47,348	223	5,508	14,112	8,342	904	23,944	1,574	70,546	544	246,707	19,564
	97%	3%	100%	0%	100%	0%	28%	72%	90%	10%	94%	6%	99%	1%	93%	7%
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%

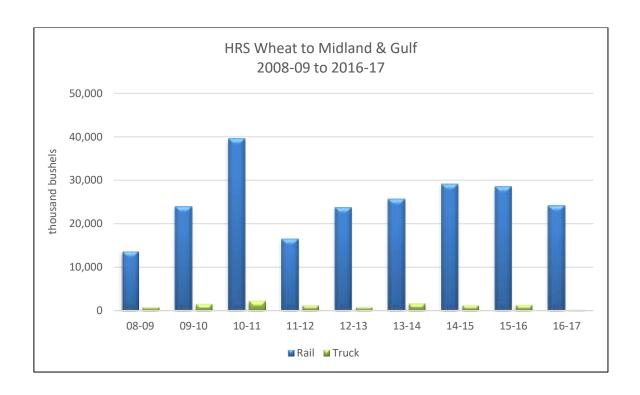


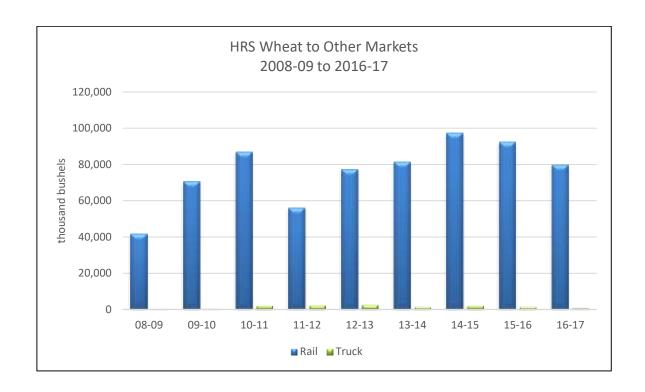


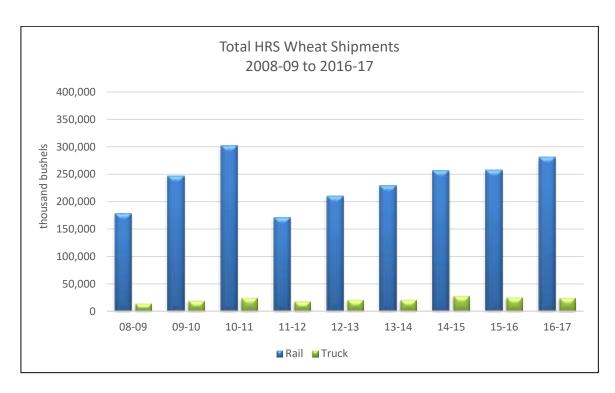






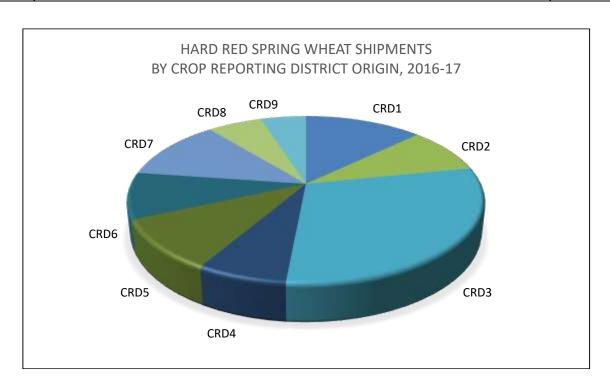




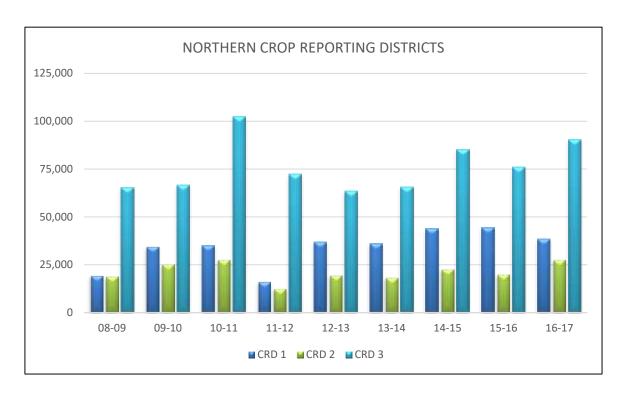


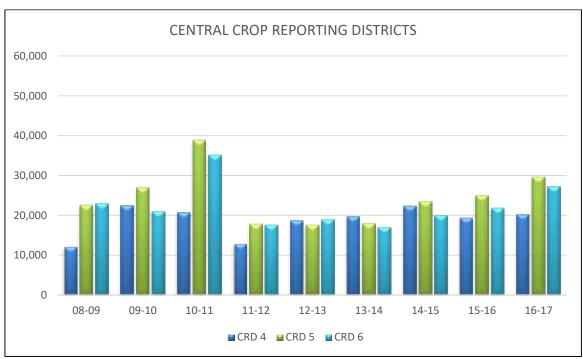
North Dakota Hard Red Spring Wheat Shipments by Crop Reporting District Origin (thousand bu.)

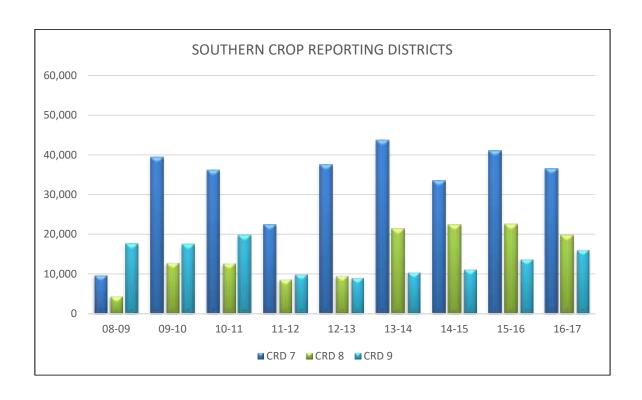
				Crop	Reporting D	istrict				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	19,164	18,905	65,227	12,186	22,552	22,884	9,734	4,423	17,659	192,735
	10%	10%	34%	6%	12%	12%	5%	2%	9%	100%
2009-10	34,472	25,272	66,503	22,381	26,899	20,945	39,404	12,809	17,586	266,271
	13%	9%	25%	8%	10%	8%	15%	5%	7%	100%
2010-11	35,053	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%



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



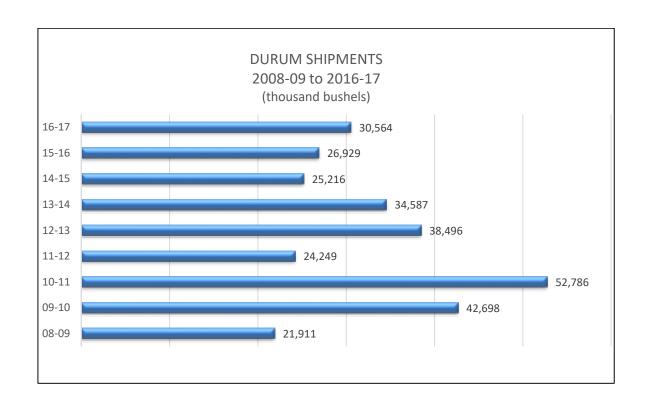


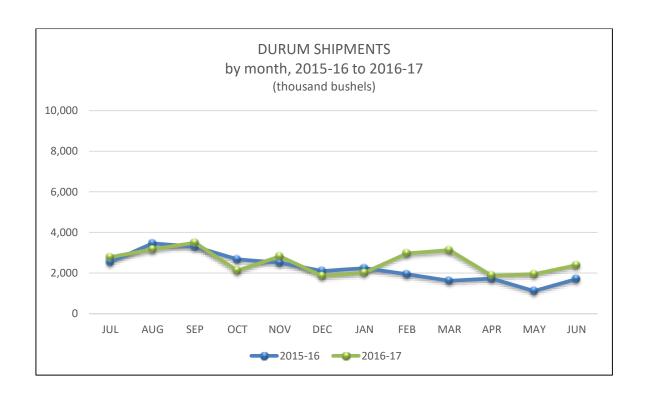


DURUM SHIPMENTS

North Dakota Durum Shipments by Destination (thousand bu.)

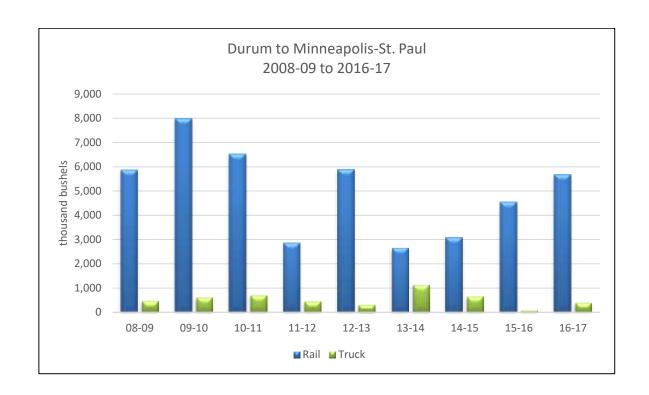
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	6,342	2,879	21	4,762	1,578	5,551	778	21,911
	29%	13%	0%	22%	7%	25%	4%	100%
2009-10	8,615	13,535	1,087	4,749	3,748	6,898	4,058	42,698
	20%	32%	3%	11%	9%	16%	10%	100%
2010-11	7,235	17,424	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%

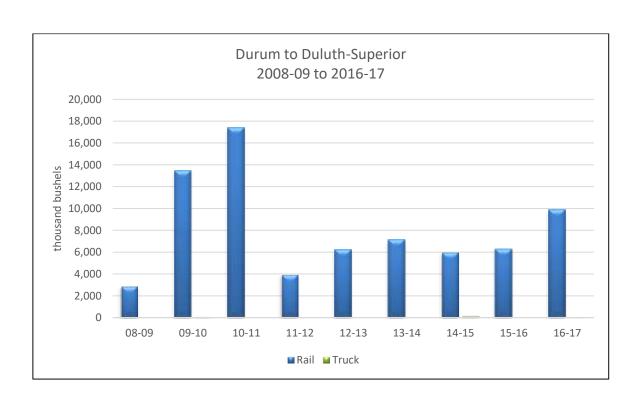


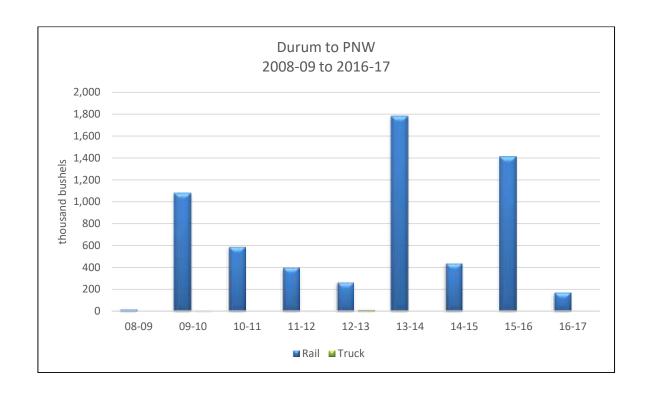


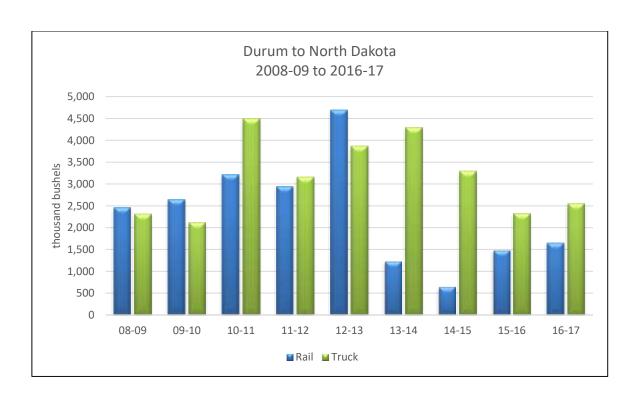
North Dakota Durum Shipments by Rail, Truck and Destination (thousand bu.)

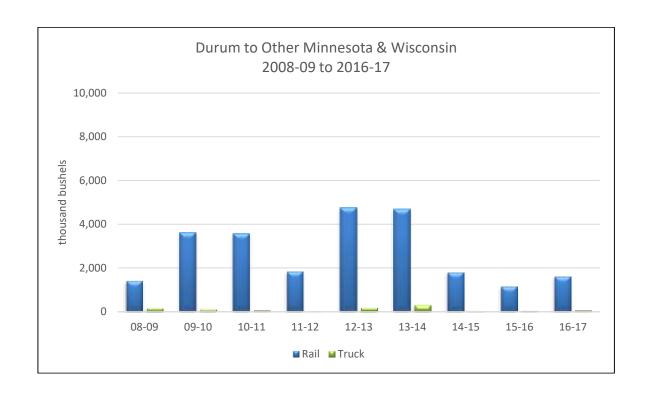
YEAR	Minneapolis- St. Paul		Duluth- Superior		PNW		North Dakota		Other Minn. & Wisconsin		Midland & Gulf		Other		TOTAL	
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	5,871	471	2,878	1	21	0	2,453	2,309	1,411	167	5,358	193	768	10	18,760	3,151
	93%	7%	100%	0%	100%	0%	52%	48%	89%	11%	97%	3%	99%	1%	86%	14%
2009-10	7,992	623	13,482	53	1,079	8	2,636	2,113	3,622	126	6,657	241	4,014	54	39,481	3,218
	93%	7%	100%	0%	99%	1%	56%	44%	97%	3%	97%	3%	99%	1%	92%	8%
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%

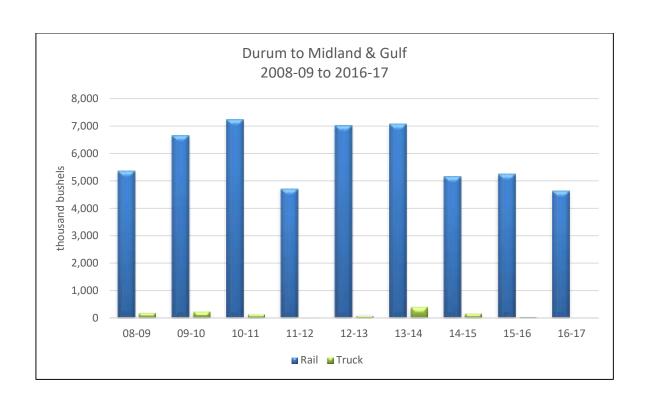


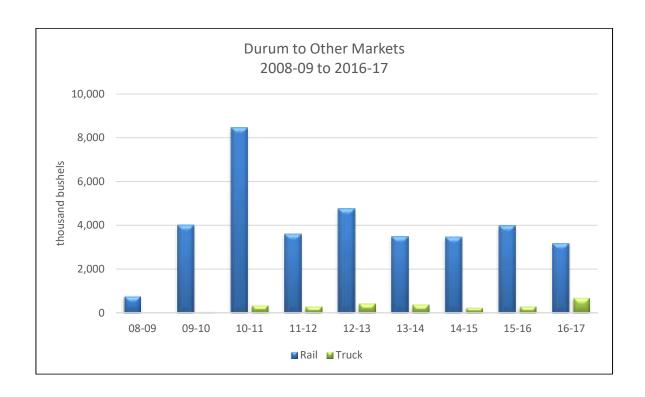


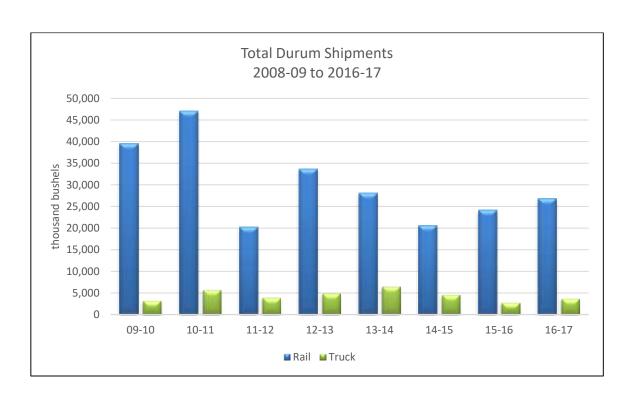






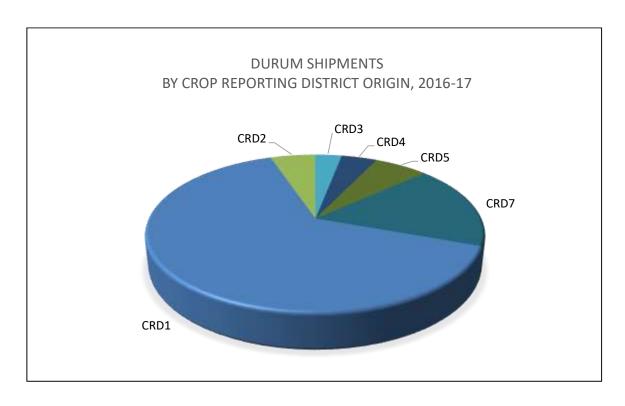




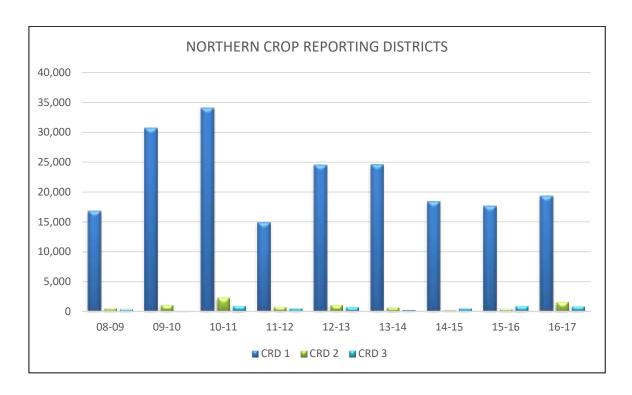


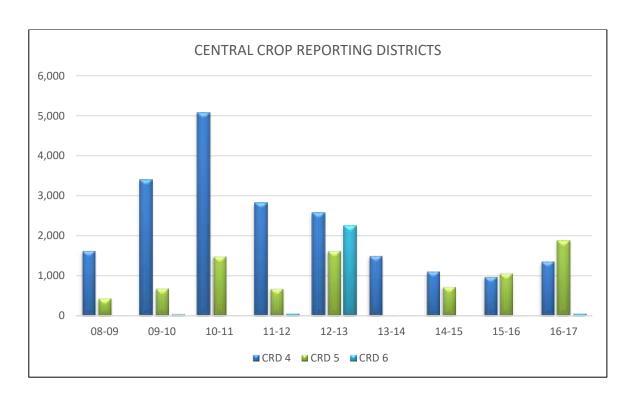
North Dakota Durum Shipments by Crop Reporting District Origin (thousand bu.)

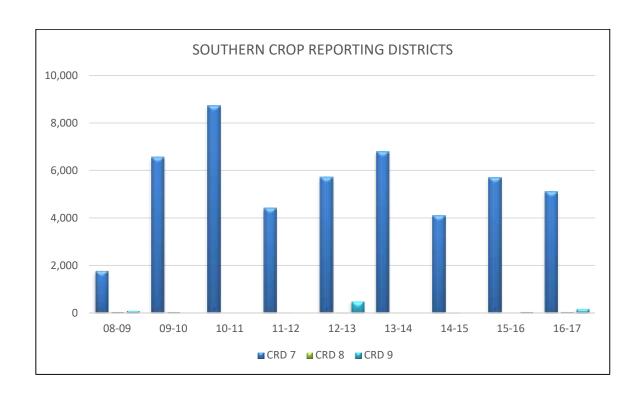
		Crop Reporting District									
YEAR	1	2	3	4	5	6	7	8	9	TOTAL	
2008-09	16,797	584	508	1,620	440	0	1,781	56	124	21,911	
	77%	3%	2%	7%	2%	0%	8%	0%	1%	100%	
2009-10	30,675	1,116	145	3,406	683	56	6,564	53	0	42,698	
	72%	3%	0%	8%	2%	0%	15%	0%	0%	100%	
2010-11	34,073	2,400	975	5,084	1,485	0	8,730	30	9	52,786	
	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%	



Durum Shipments by Crop Reporting District (thousand bu.)



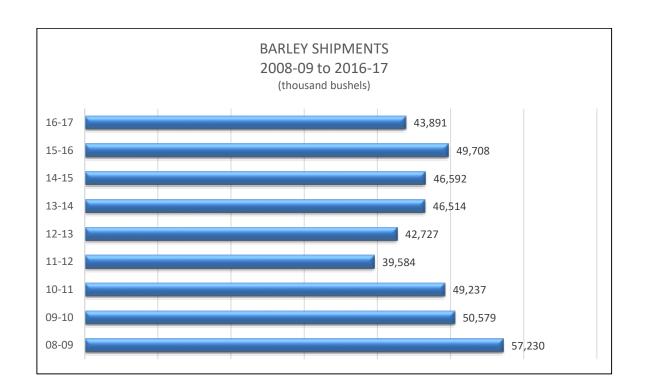


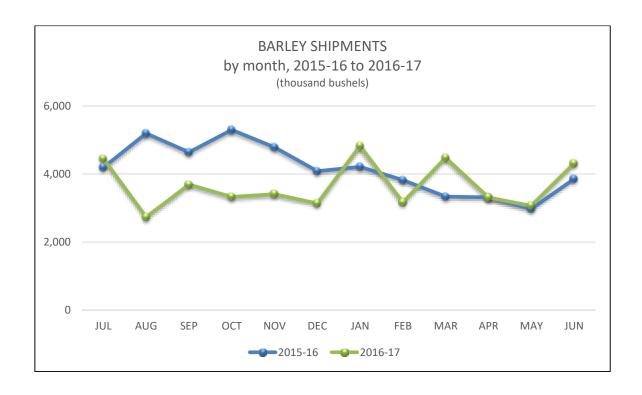


BARLEY SHIPMENTS

North Dakota Barley Shipments by Destination (thousand bu.)

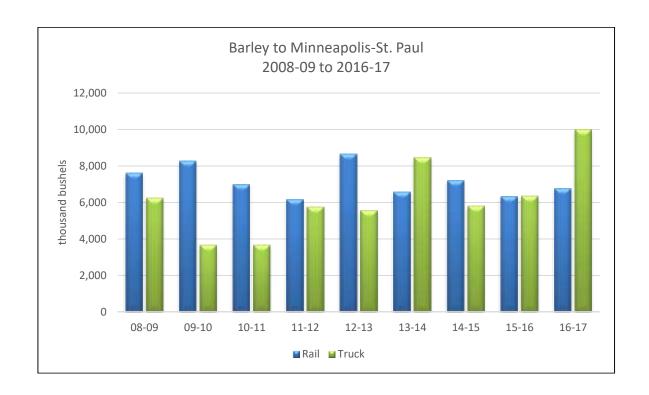
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	13,848	1,891	1,681	20,892	9,007	2,974	6,937	57,230
	24%	3%	3%	37%	16%	5%	12%	100%
2009-10	11,915	464	1,001	17,544	9,549	3,549	6,556	50,579
	24%	1%	2%	35%	19%	7%	13%	100%
2010-11	10,636	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%

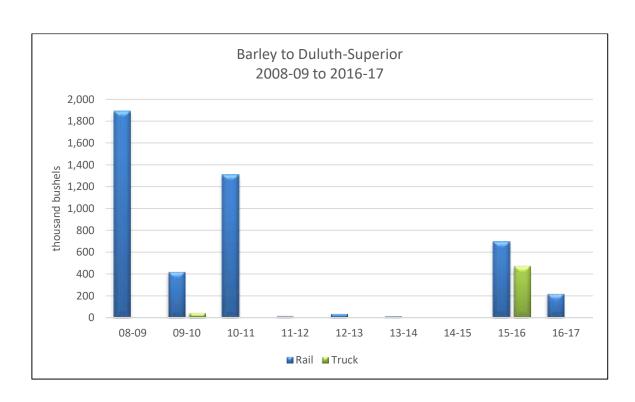


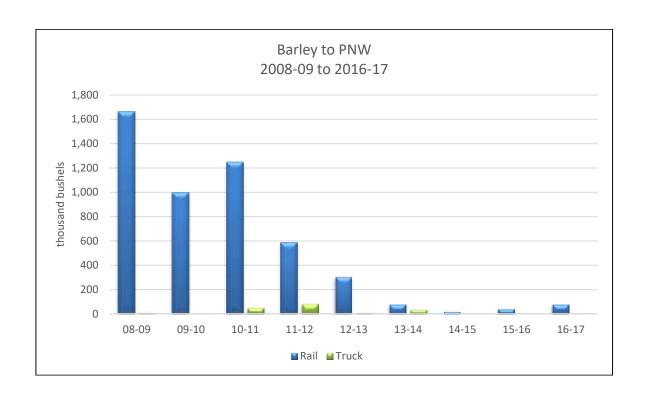


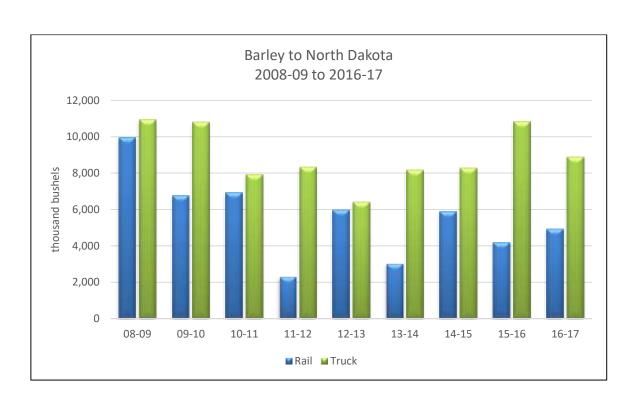
North Dakota Barley Shipments by Rail, Truck and Destination (thousand bu.)

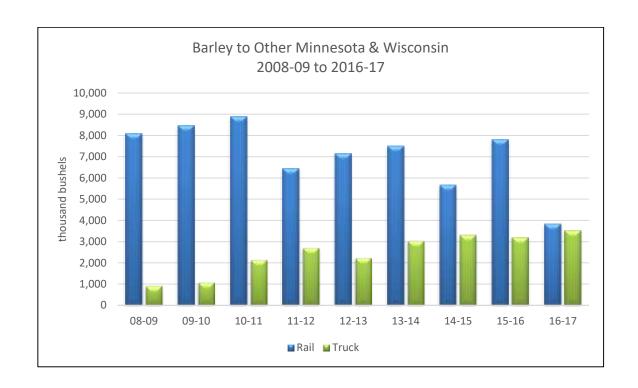
YEAR		apolis- Paul	_	uth- erior	PN	ıw	_	orth kota		Minn. sconsin		and & ulf	Ot	her	то	TAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	7,606	6,242	1,891	0	1,665	16	9,959	10,933	8,085	922	1,671	1,303	6,343	593	37,220	20,010
	55%	45%	100%	0%	99%	1%	48%	52%	90%	10%	56%	44%	91%	9%	65%	35%
2009-10	8,268	3,646	421	44	997	4	6,747	10,797	8,464	1085	1,973	1,576	5,224	1,333	32,094	18,484
	69%	31%	91%	9%	100%	0%	38%	62%	89%	11%	56%	44%	80%	20%	63%	37%
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
2010 17	40%	60%	100%	0%	95%	5%	36%	64%	52%	48%	66%	34%	65%	35%	44%	56%

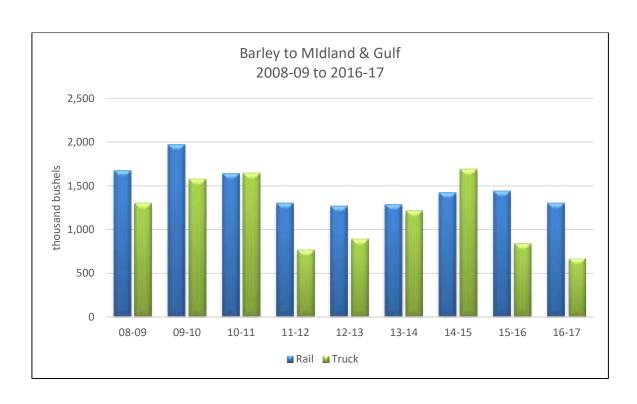


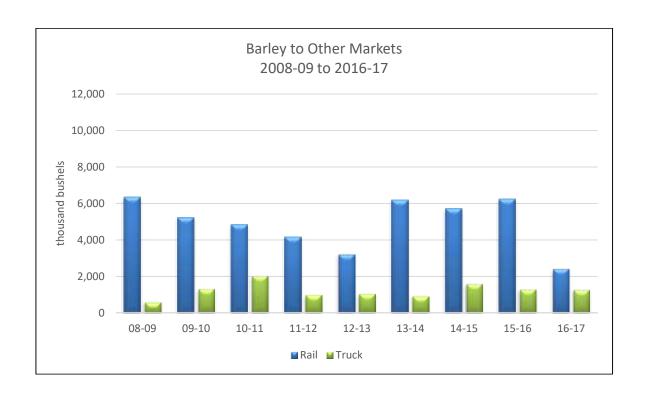


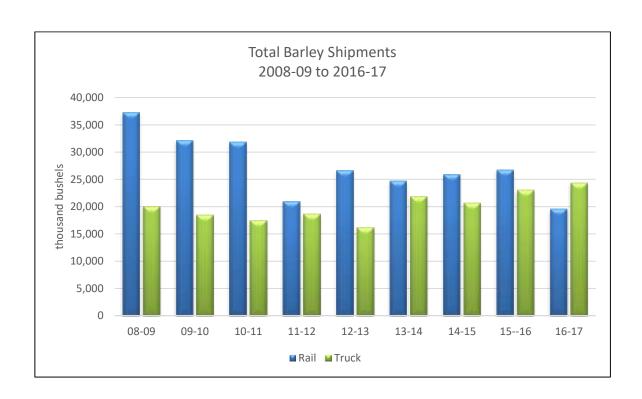






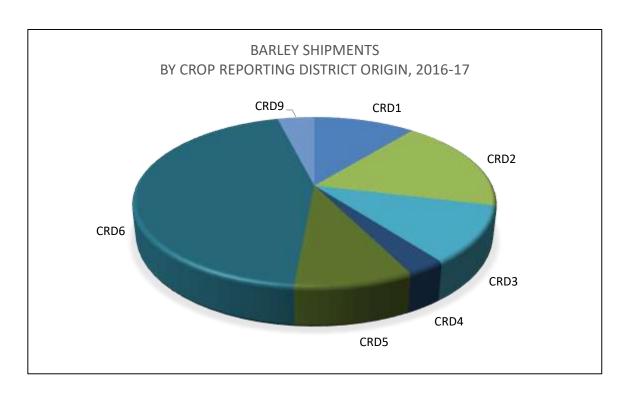




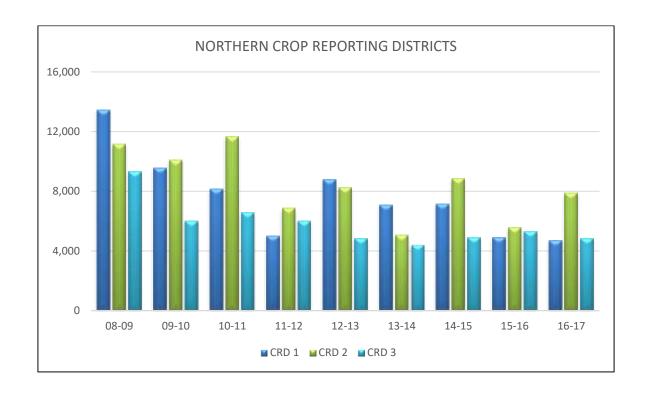


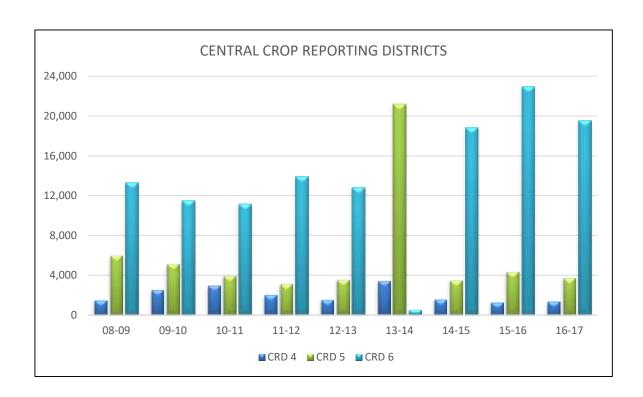
North Dakota Barley Shipments by Crop Reporting District Origin (thousand bu.)

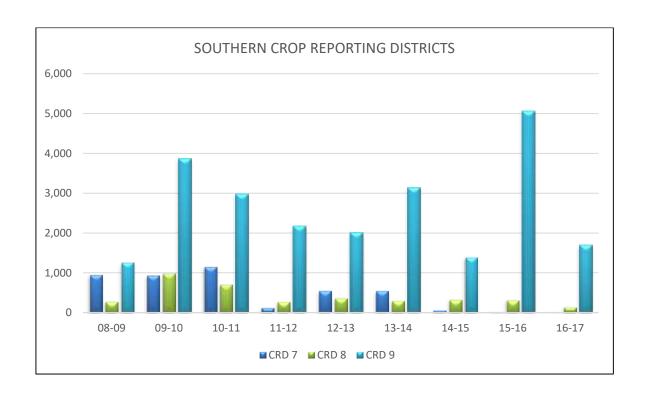
				Crop	Reporting [District				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	13,452	11,158	9,295	1,510	6,028	13,285	954	281	1,268	57,230
	24%	19%	16%	3%	11%	23%	2%	0%	2%	100%
2009-10	9,556	10,094	5,989	2,524	5,144	11,475	938	986	3,873	50,579
	19%	20%	12%	5%	10%	23%	2%	2%	8%	100%
2010-11	8,128	11,643	6,555	2,986	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%



Barley Shipments by Crop Reporting District (thousand bu.)



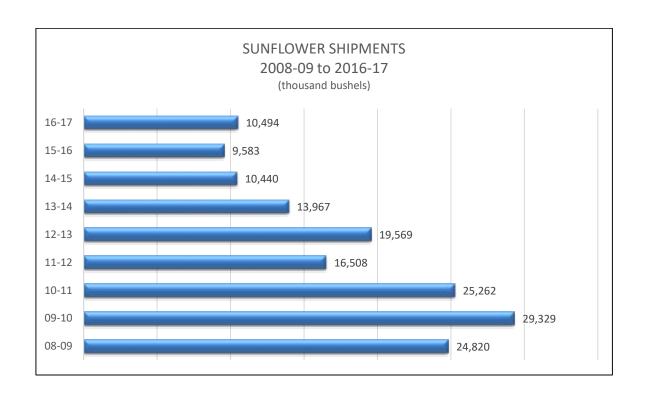


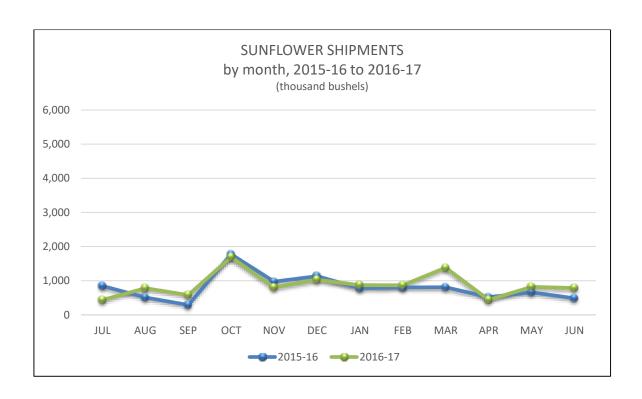


SUNFLOWER SHIPMENTS

North Dakota Sunflower Shipments by Destination (thousand bu.)

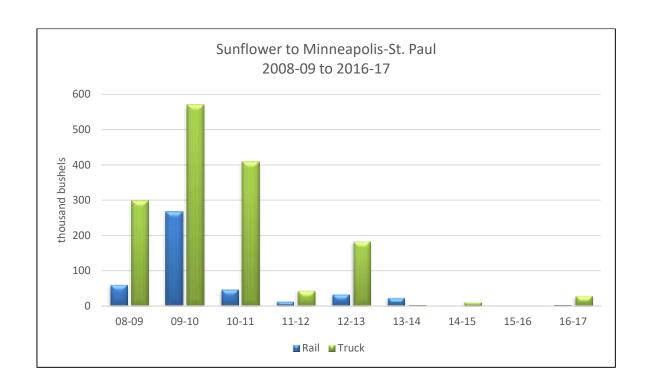
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	358	4	220	17,614	2,729	224	3,671	24,820
	1%	0%	1%	71%	11%	1%	15%	100%
2009-10	839	78	73	20,900	4,775	206	2,461	29,329
	3%	0%	0%	71%	16%	1%	8%	100%
2010-11	456	0	106	18,099	3,063	199	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%

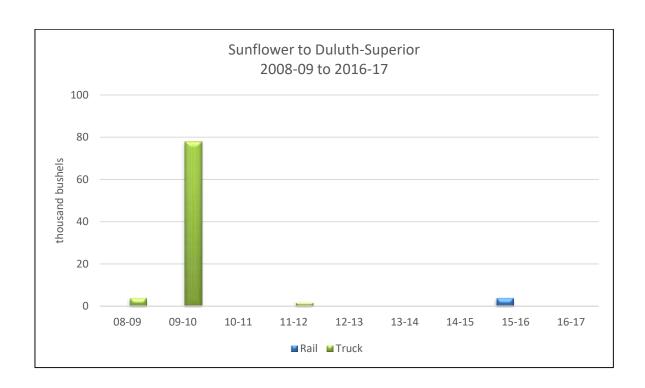


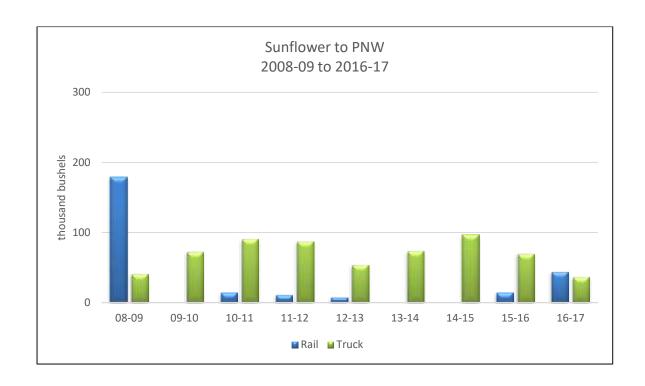


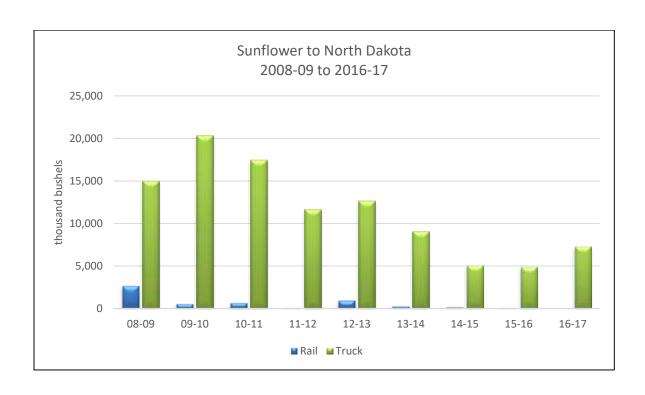
North Dakota Sunflower Shipments by Rail, Truck and Destination (thousand bu.)

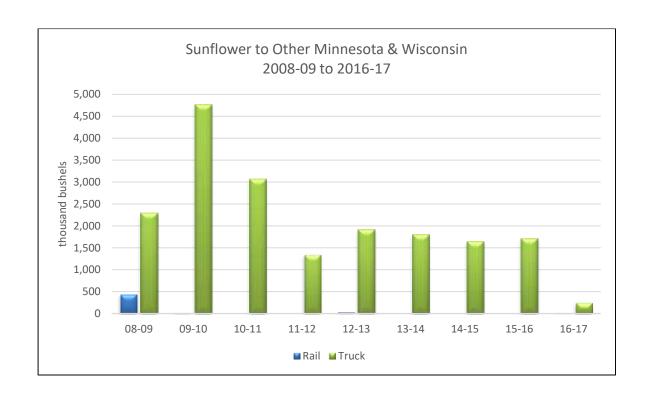
YEAR		eapolis- Paul	_	uth- erior	PI	NW		orth kota		r Minn. sconsin		and & ulf	Ot	her	то	TAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	60	298	0	4	179	41	2,670	14,944	443	2,286	62	162	1,010	2,661	4,423	20,397
	17%	83%	0%	100%	81%	19%	15%	85%	16%	84%	28%	72%	28%	72%	18%	82%
2009-10	268	571	0	78	0	73	565	20,335	15	4,760	0	206	468	1,993	1,315	28,014
	32%	68%	0%	100%	0%	100%	3%	97%	0%	100%	0%	100%	19%	81%	4%	96%
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
2020 27	12%	88%	0%	0%	54%	46%	0%	100%	3%	97%	45%	55%	11%	89%	4%	96%

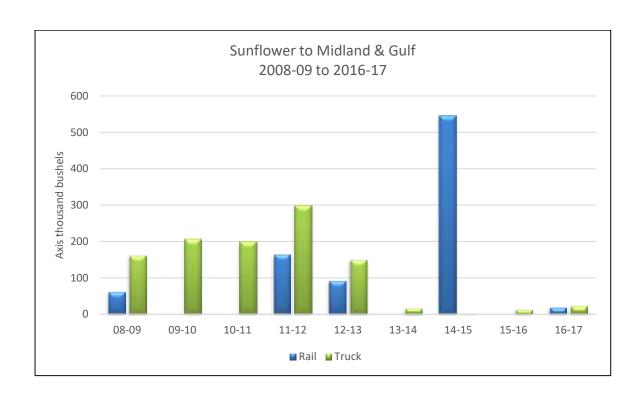


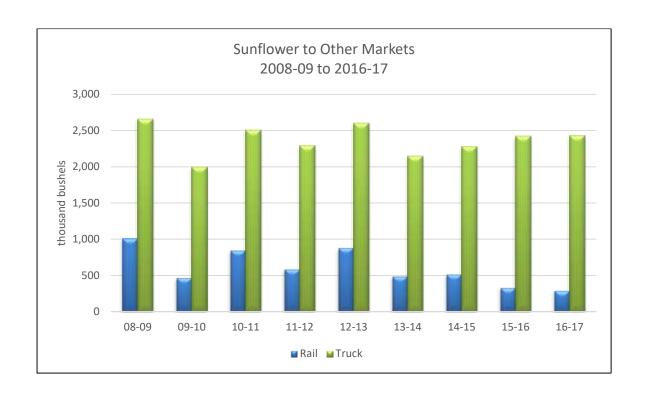


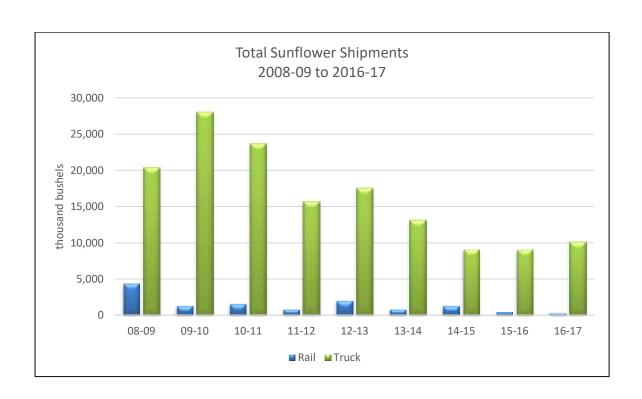






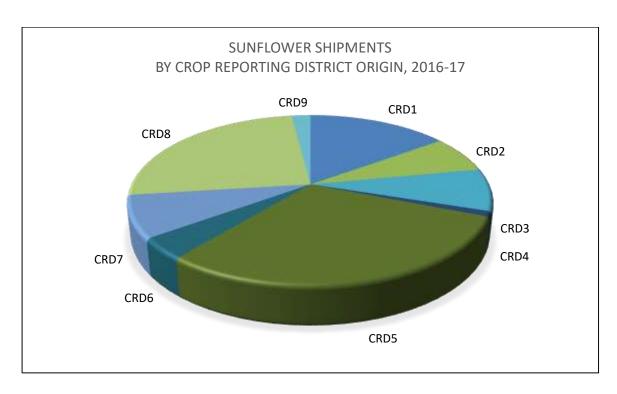




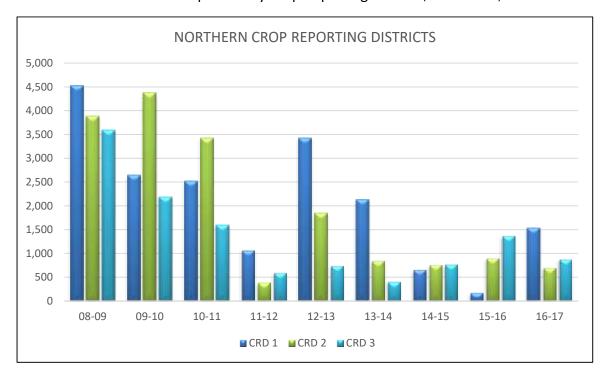


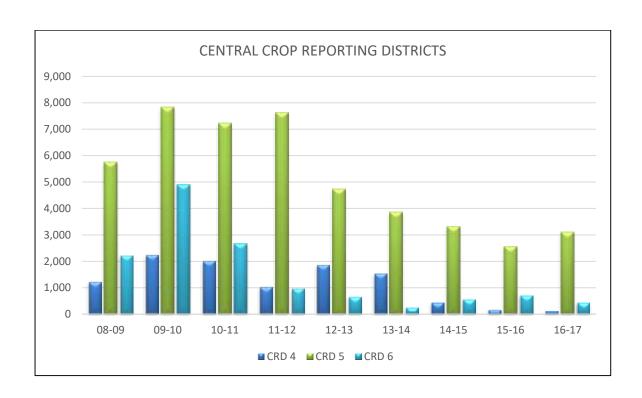
North Dakota Sunflower Shipments by Crop Reporting District Origin (thousand bu.)

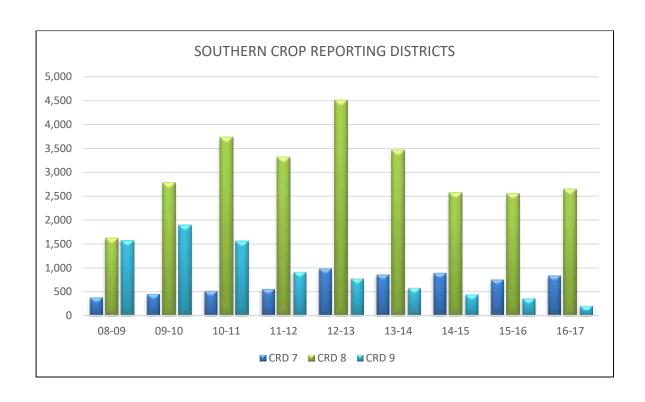
				Crop	Reporting D	istrict				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	4,530	3,883	3,588	1,240	5,755	2,237	390	1,623	1,574	24,820
	18%	16%	14%	5%	23%	9%	2%	7%	6%	100%
2009-10	2,647	4,378	2,186	2,257	7,825	4,895	459	2,782	1,900	29,329
	9%	15%	7%	8%	27%	17%	2%	9%	6%	100%
2010-11	2,521	3,426	1,594	2,021	7,222	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%



Sunflower Shipments by Crop Reporting District (thousand bu.)



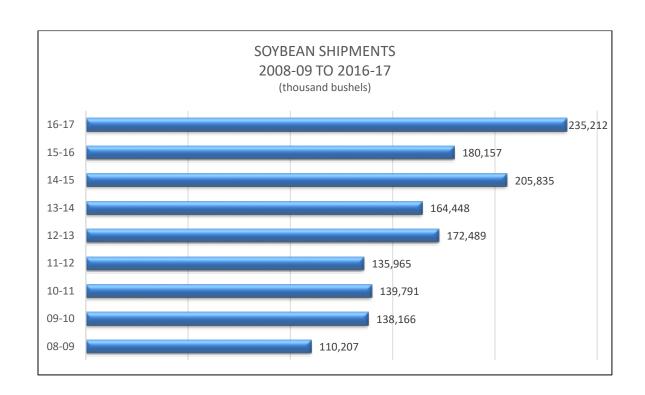


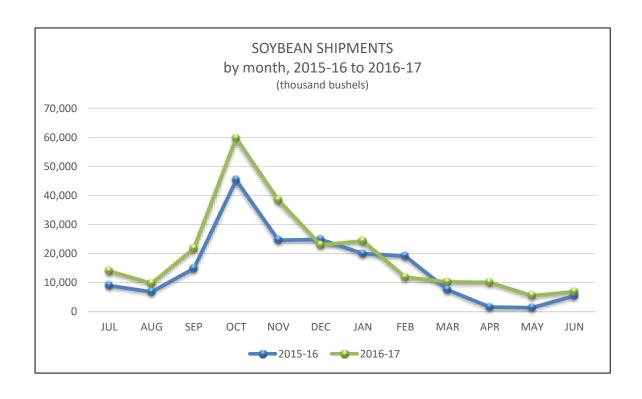


SOYBEAN SHIPMENTS

North Dakota Soybean Shipments by Destination (thousand bu.)

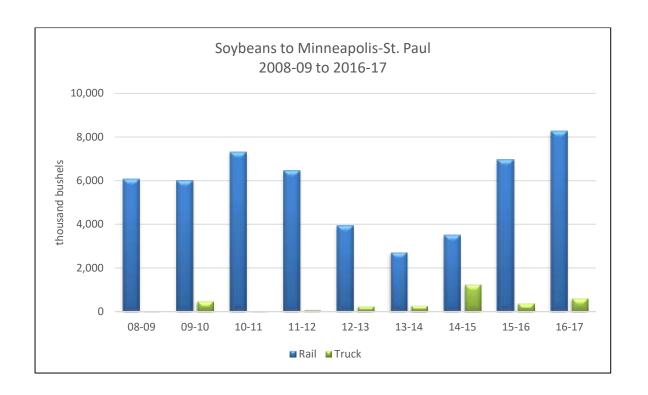
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	6,096	1	83,365	4,314	4,804	1,252	10,374	110,207
	6%	0%	76%	4%	4%	1%	9%	100%
2009-10	6,496	103	100,526	7,905	5,831	4,266	13,039	138,166
	5%	0%	73%	6%	4%	3%	9%	100%
2010-11	7,344	418	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%

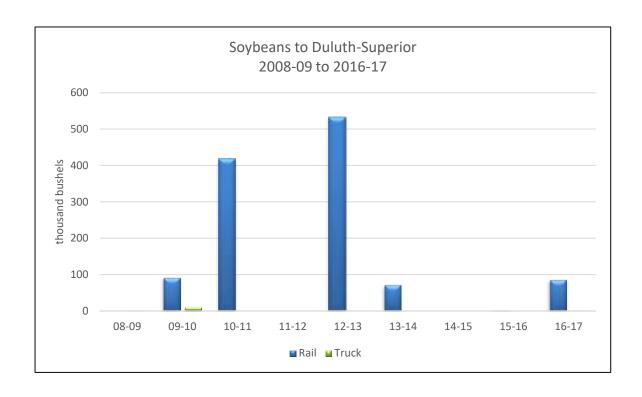


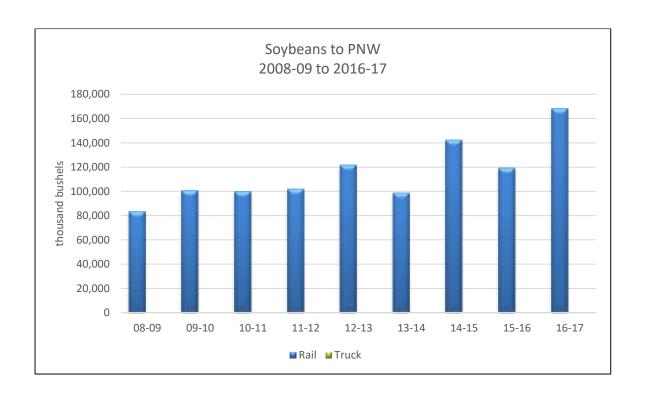


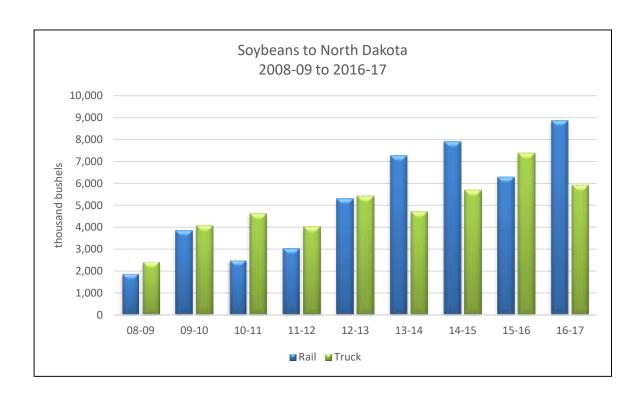
North Dakota Soybean Shipments by Rail, Truck and Destination (thousand bu.)

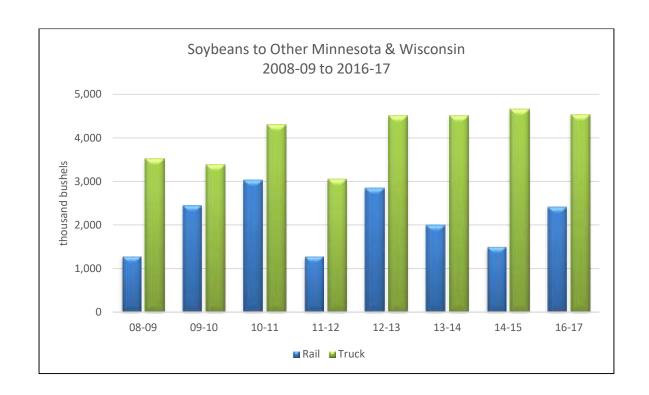
YEAR	Minne St. I	•	-	uth- erior	PN	w	_	orth Kota	Other & Wis			and & ulf	Otl	ner	тот	ΓAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	6,065	31	0	1	83,325	40	1,881	2,433	1,283	3,521	1,034	219	8,745	1,628	102,333	7,873
	99%	1%	0%	100%	100%	0%	44%	56%	27%	73%	83%	17%	84%	16%	93%	7%
2009-10	6,006	490	92	11	100,526	0	3,833	4,072	2,446	3,385	3,431	835	11,160	1,879	127,495	10,671
	92%	8%	90%	10%	100%	0%	48%	52%	42%	48%	80%	20%	86%	14%	92%	8%
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%

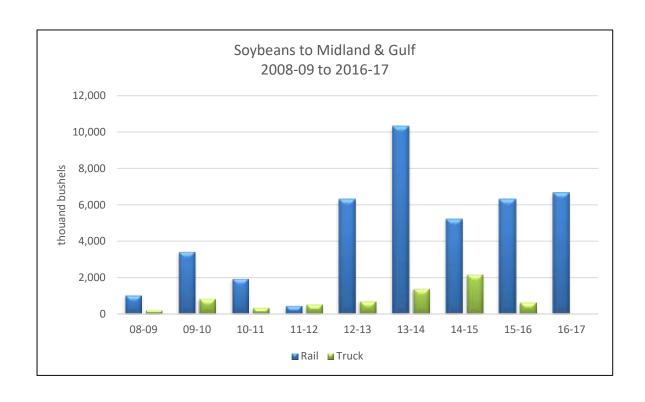




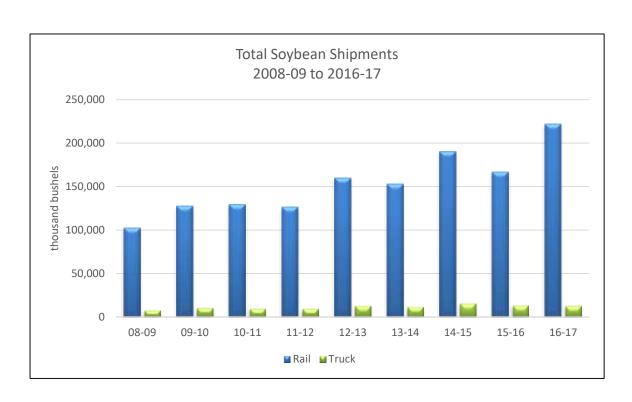






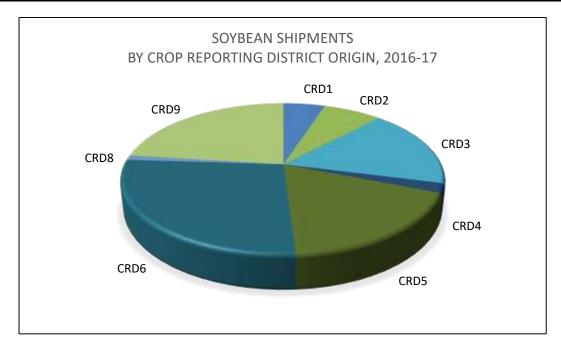




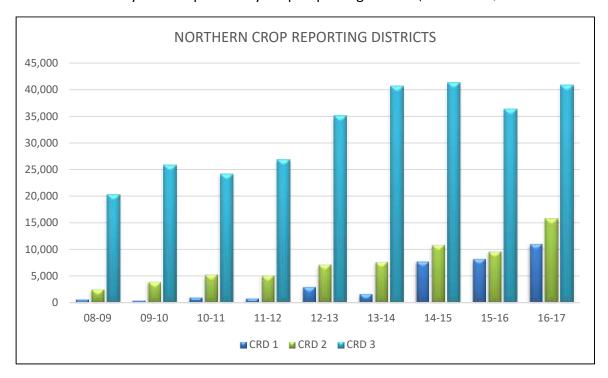


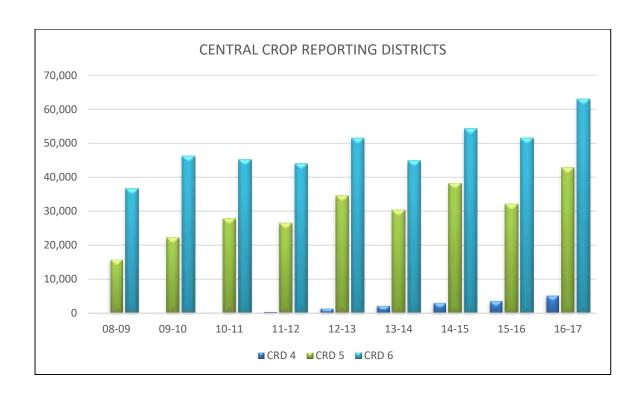
North Dakota Soybean Shipments by Crop Reporting District Origin (thousand bu.)

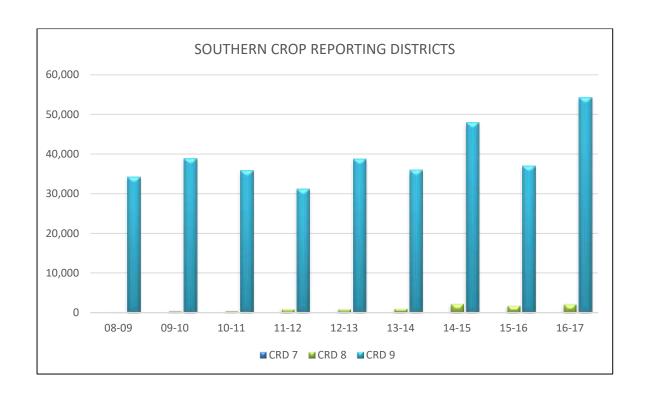
				Crop	Reporting D	District				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	666	2,554	20,231	25	15,852	36,593	0	123	34,160	110,207
	1%	2%	18%	0%	14%	33%	0%	0%	31%	100%
2009-10	440	3,952	25,838	65	22,223	42,263	0	496	38,899	138,166
	0%	3%	19%	0%	16%	33%	0%	0%	28%	100%
2010-11	1,058	5,314	24,176	131	27,785	45,114	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%



Soybean Shipments by Crop Reporting District (thousand bu.)



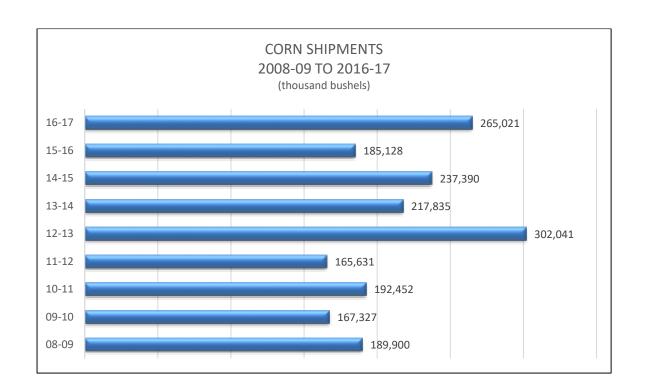


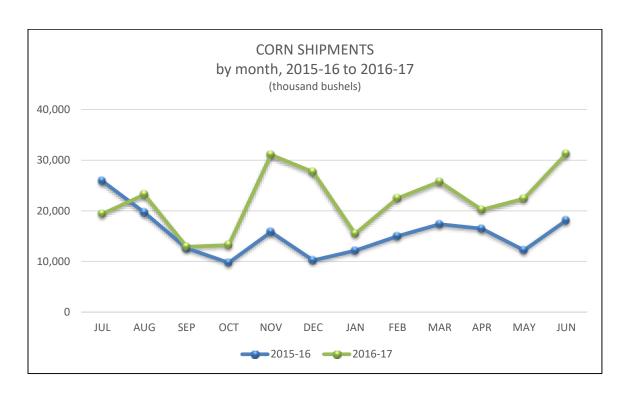


CORN SHIPMENTS

North Dakota Corn Shipments by Destination (thousand bu.)

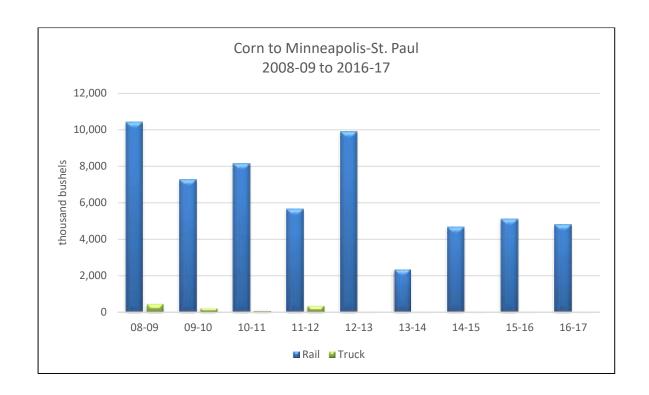
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	10,891	1	80,482	56,657	8,961	2,906	30,003	189,900
	6%	0%	42%	30%	5%	2%	16%	100%
2009-10	7,496	514	43,002	69,490	5,155	4,812	36,858	167,327
	4%	0%	26%	42%	3%	3%	22%	100%
2010-11	8,273	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%

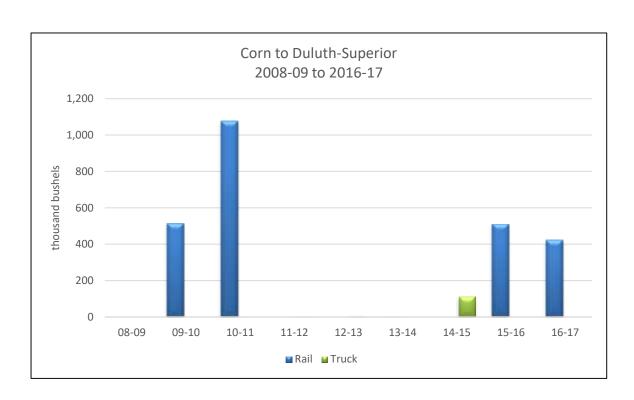


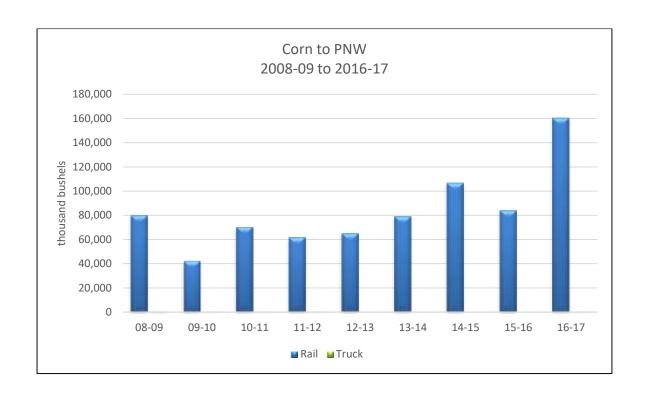


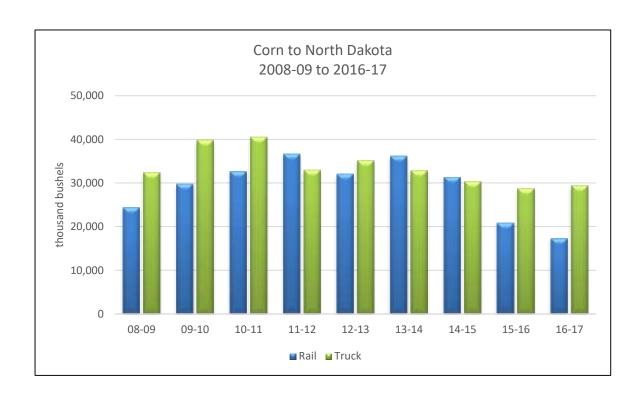
North Dakota Corn Shipments by Rail, Truck and Destination (thousand bu.)

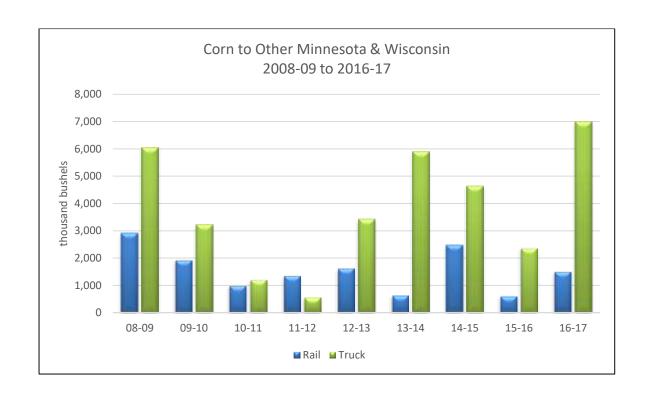
YEAR	Minne St. I		Dul Supe		PN	w	No Dal	rth cota	Other & Wis			ınd & ılf	Otl	her	тот	ΓAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	10,435	456	0	1	79,538	944	24,298	32,359	2,911	6,050	2,251	655	13,919	16,084	133,351	56,549
	96%	4%	0%	100%	99%	1%	43%	57%	32%	68%	77%	23%	46%	54%	70%	30%
2009-10	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%
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
2020 27	99%	1%	100%	0%	100%	0%	37%	63%	18%	82%	81%	19%	68%	32%	81%	19%

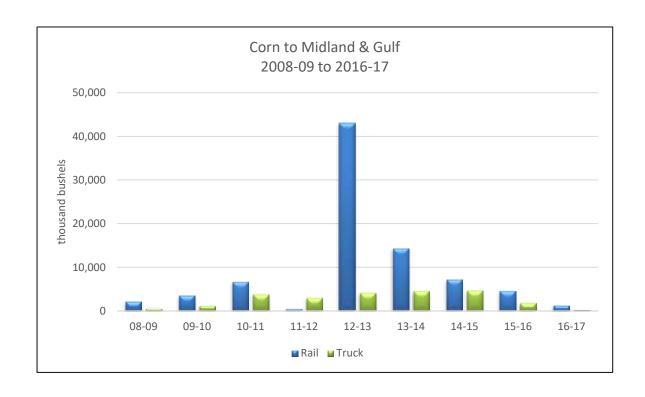


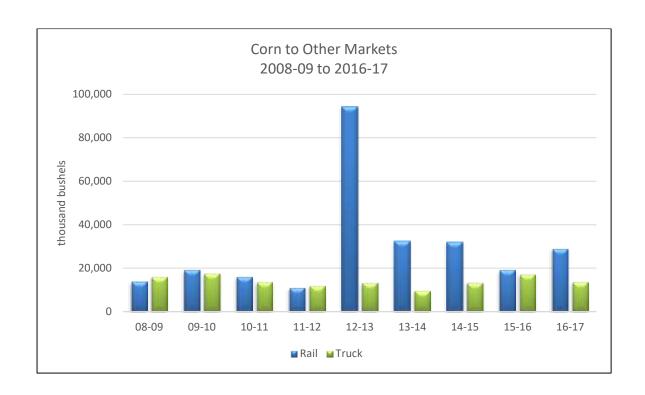


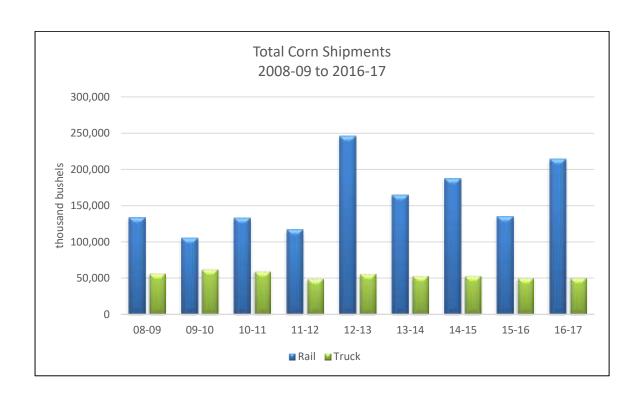






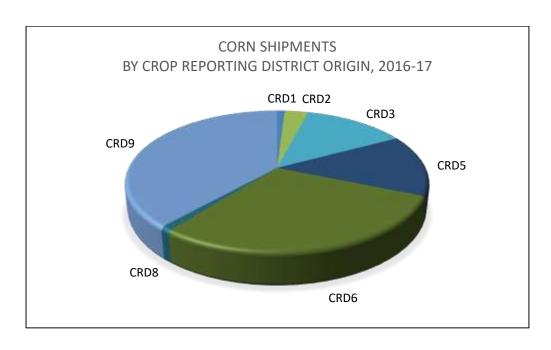




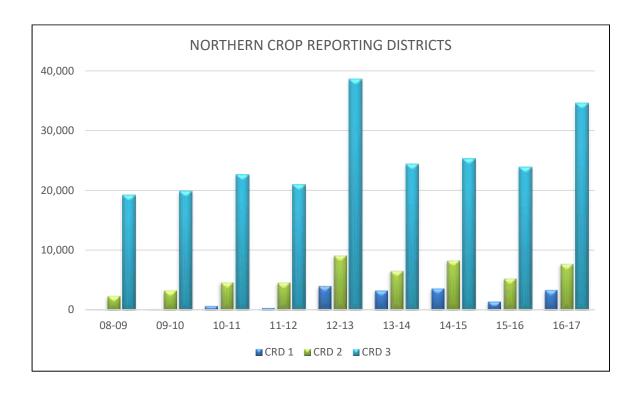


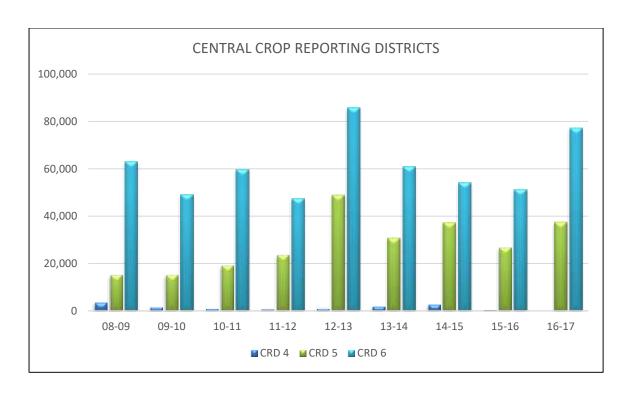
North Dakota Corn Shipments by Crop Reporting District (thousand bu.)

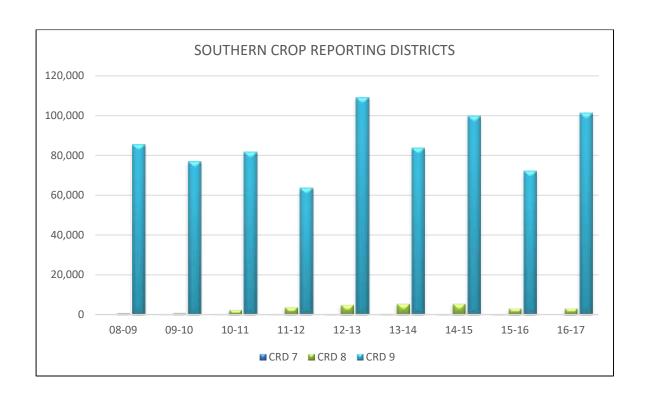
				Crop	Reporting D	District				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	64	2,370	19,240	3,659	15,316	63,020	95	855	85,281	189,900
	0%	1%	10%	2%	8%	33%	0%	0%	45%	100%
2009-10	174	3,318	19,842	1,643	15,254	49,101	213	1,020	76,761	167,327
	0%	2%	12%	1%	9%	29%	0%	1%	46%	100%
2010-11	724	4,663	22,659	1,136	19,290	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%



Corn Shipments by Crop Reporting District (thousand bu.)



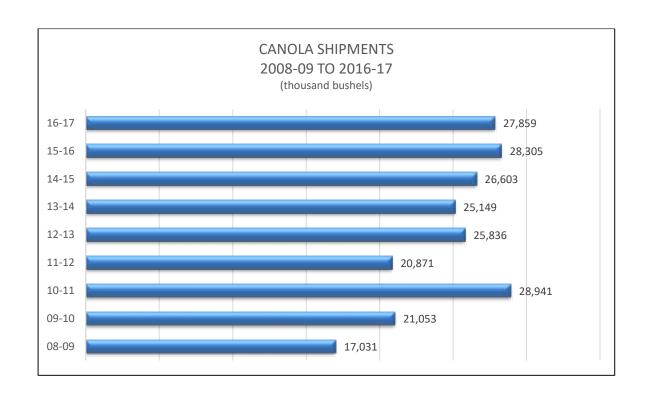


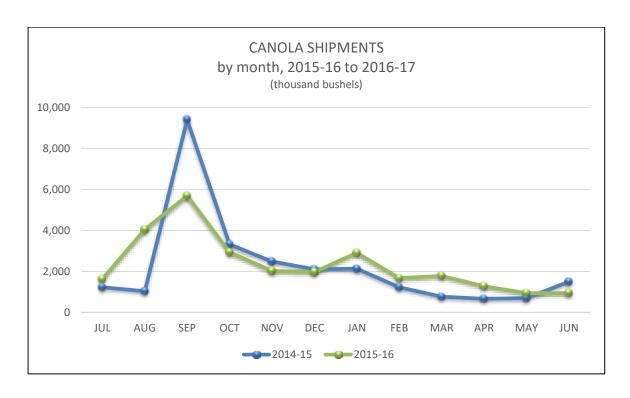


CANOLA SHIPMENTS

North Dakota Canola Shipments by Destination (thousand bu.)

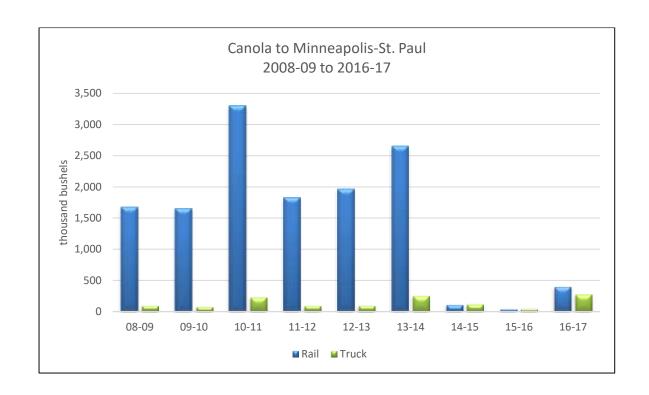
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	790	0	88	11,325	3	0	5,582	17,788
	4%	0%	0%	64%	0%	0%	31%	100%
2009-10	1,727	1,248	8	13,694	370	119	3,883	21,053
	8%	6%	0%	65%	2%	1%	18%	100%
2010-11	3,538	550	793	18,779	98	230	4,950	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%

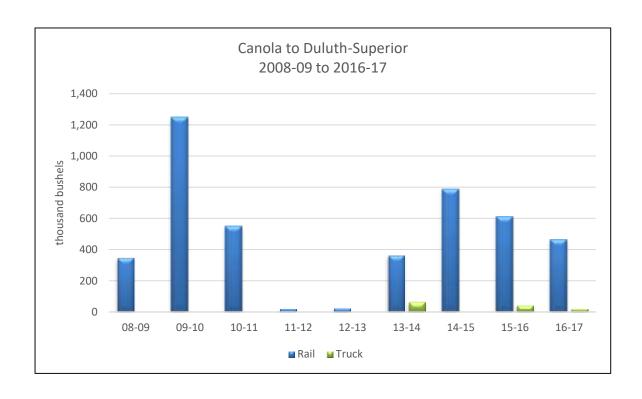


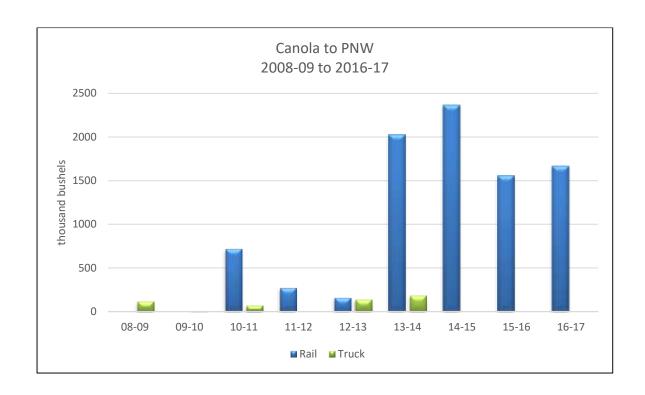


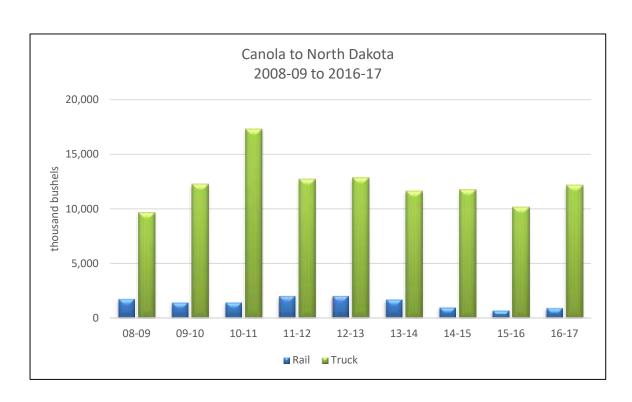
North Dakota Canola Shipments by Rail, Truck and Destination (thousand bu.)

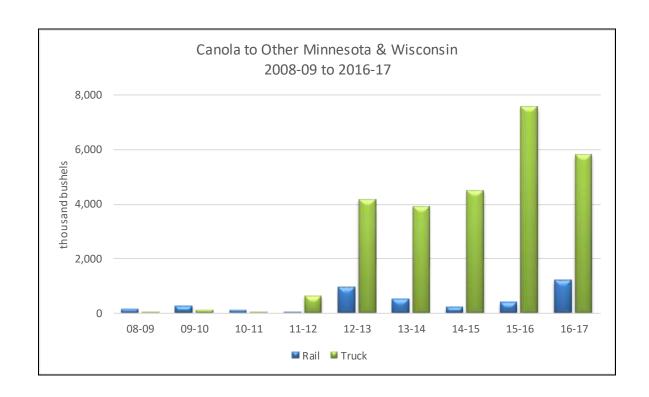
YEAR	_	apolis- Paul		uth- erior	PI	١W	_	orth kota		Minn. sconsin		and & ulf	Ot	her	то	TAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	1,675	95	347	0	0	122	1,750	9,657	132	22	0	0	1,165	2,065	5,070	11,961
	95%	5%	100%	0%	0%	100%	15%	85%	86%	14%	0%	0%	36%	64%	30%	70%
2009-10	1,648	79	1,248	0	0	8	1,428	12,266	265	105	119	0	625	3,258	5,333	15,720
	95%	5%	100%	0%	0%	100%	10%	90%	72%	28%	100%	0%	16%	84%	25%	75%
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%

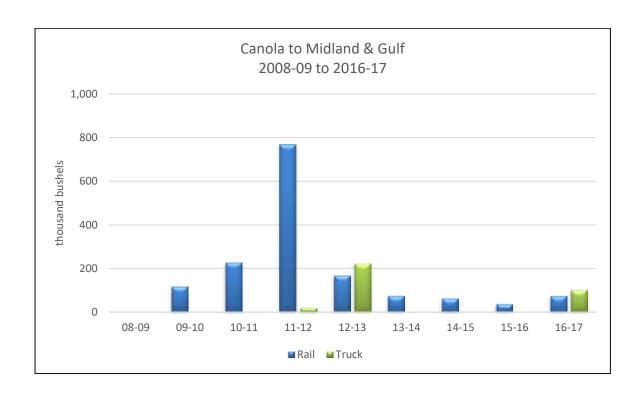


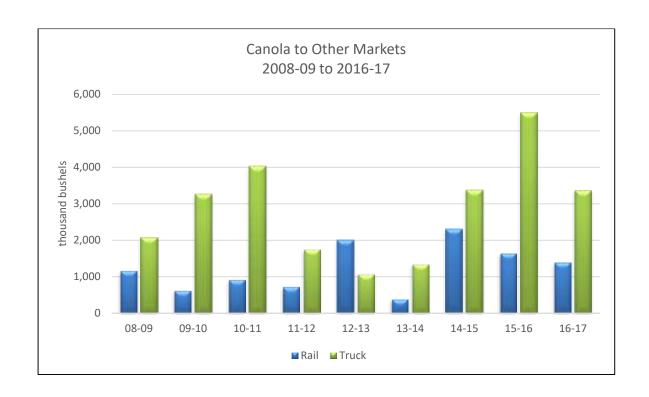


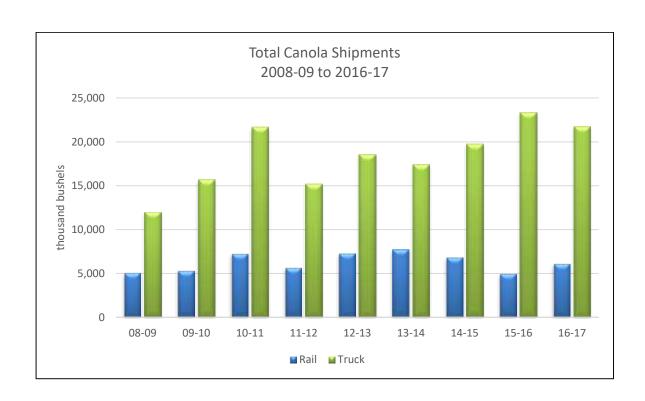






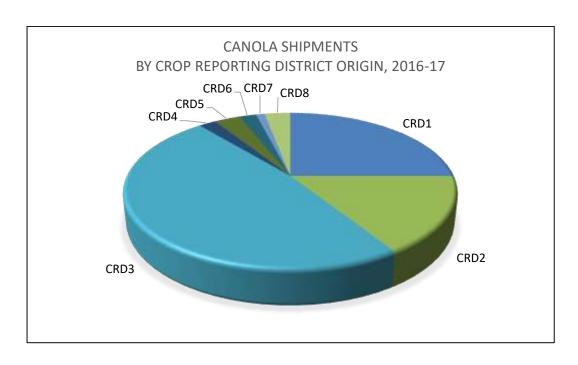




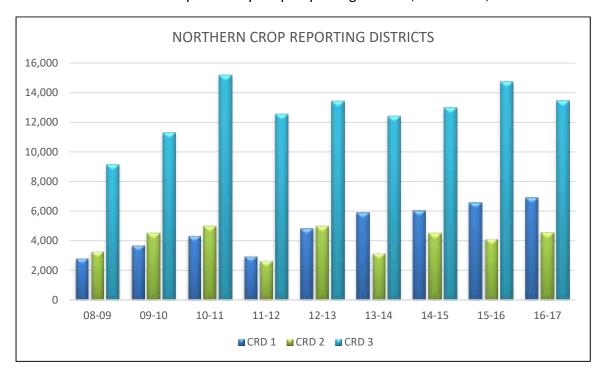


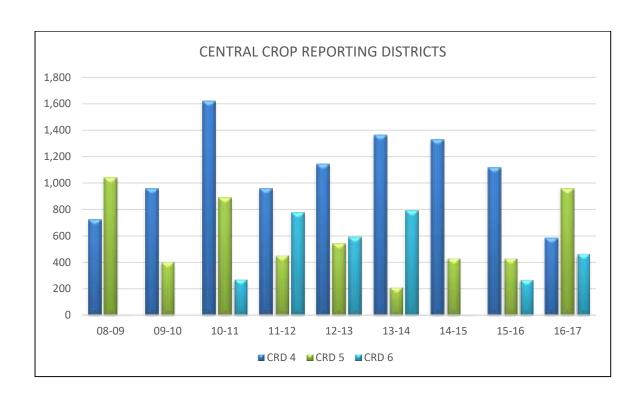
North Dakota Canola Shipments by Crop Reporting District (thousand bu.)

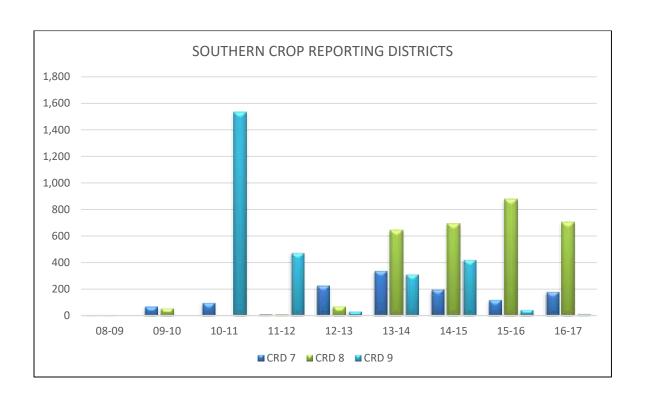
				Crop I	Reporting D	istrict				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	2,824	3,299	9,135	722	1,039	3	4	4	0	17,031
	17%	19%	54%	4%	6%	0%	0%	0%	0%	100%
2009-10	3,721	4,521	11,320	958	404	1	71	57	0	21,053
	18%	21%	54%	5%	2%	0%	0%	0%	0%	100%
2010-11	4,354	4,975	15,199	1,619	889	273	98	0	1,534	28,941
	15%	17%	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%



Canola Shipments by Crop Reporting District (thousand bu.)



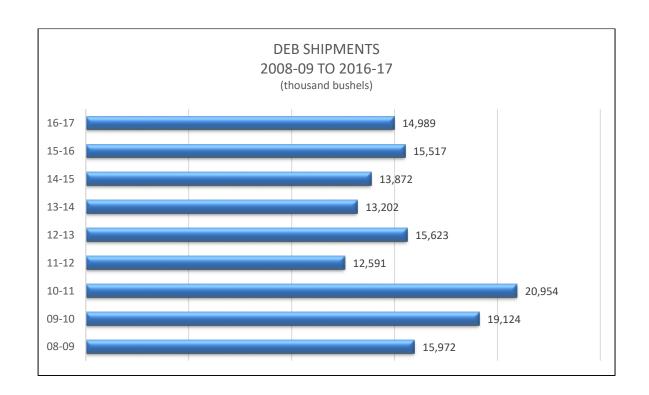


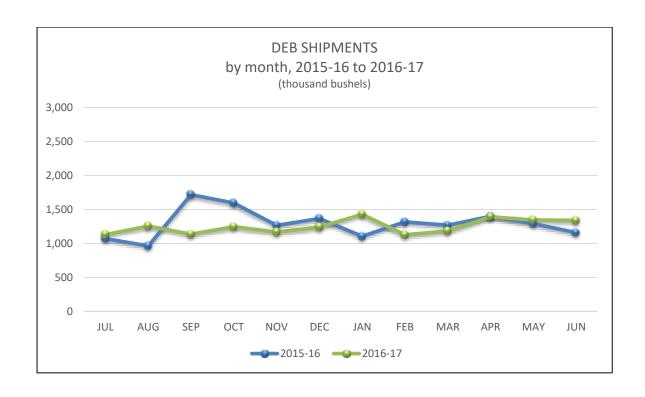


DRY EDIBLE BEAN (DEB) SHIPMENTS

NORTH DAKOTA DEB SHIPMENTS BY DESTINATION (thousand bu.)

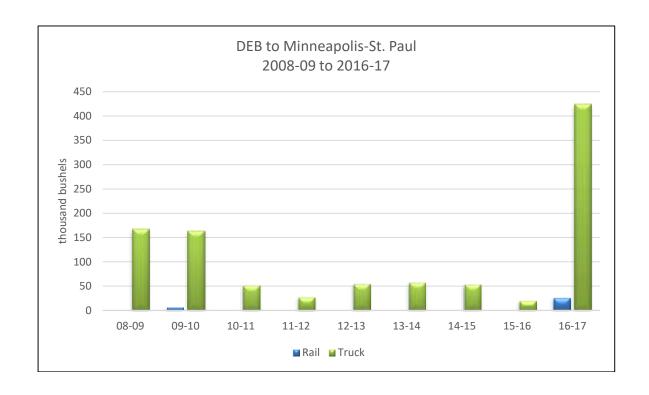
YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	167	0	318	772	2,235	5,719	6,763	15,972
	1%	0%	2%	5%	14%	36%	42%	100%
2009-10	170	11	1,486	996	1,741	8,372	6,341	19,124
	1%	0%	8%	5%	9%	44%	33%	100%
2010-11	52	0	2,574	924	1,770	9,848	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%

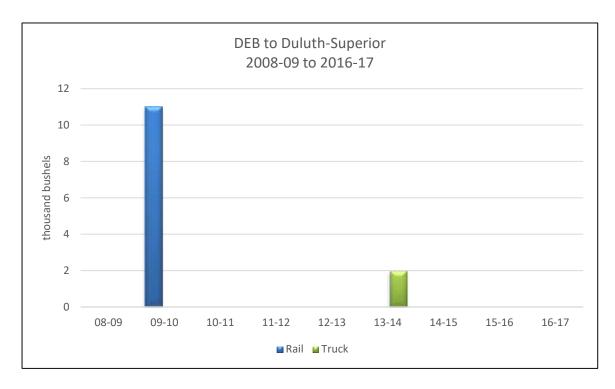


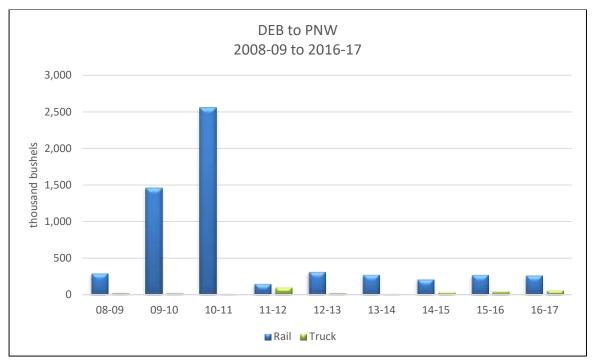


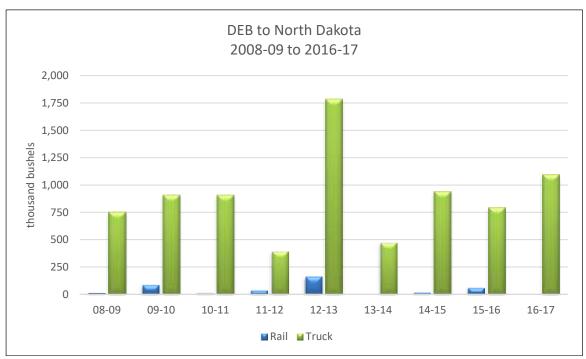
North Dakota DEB Shipments by Rail, Truck and Destination (thousand bu.)

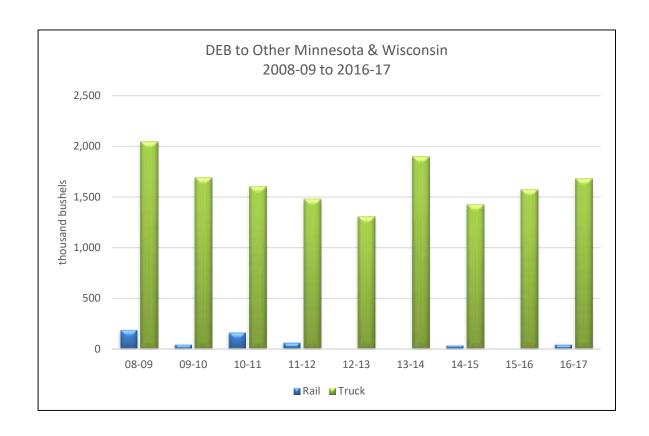
YEAR	Minne St.	apolis- Paul	-	uth- erior	PN	ıw		orth kota		r Minn. sconsin		and & ulf	Ot	her	тот	ΓAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	0	167	0	0	294	24	19	753	189	2,046	4,853	866	4,950	1,813	10,307	5,665
	100%	0%	0%	0%	92%	8%	2%	98%	8%	92%	85%	15%	73%	27%	65%	35%
2009-10	7	163	11	0	1,459	27	87	909	50	1,691	7,426	946	4,603	1,738	13,644	5,480
	4%	96%	100%	0%	98%	2%	9%	91%	3%	97%	89%	11%	73%	27%	71%	29%
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%

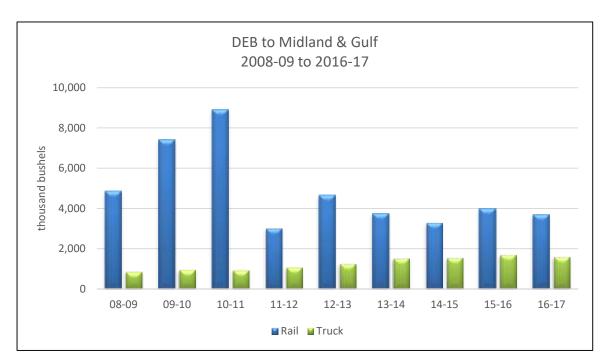


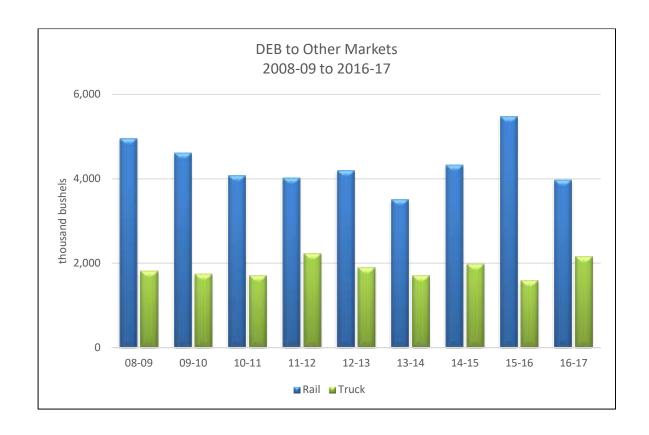


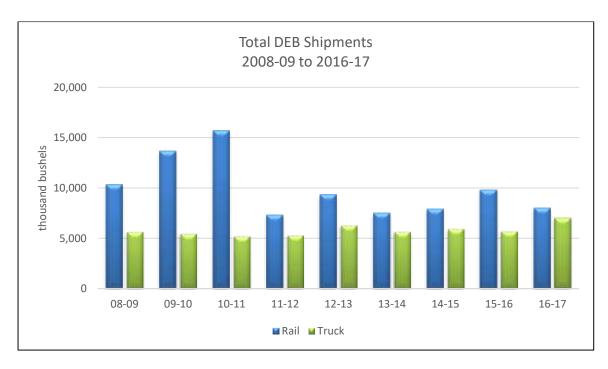






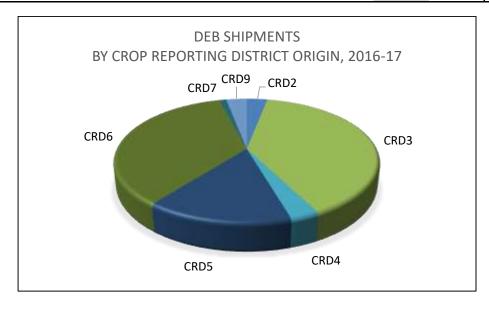




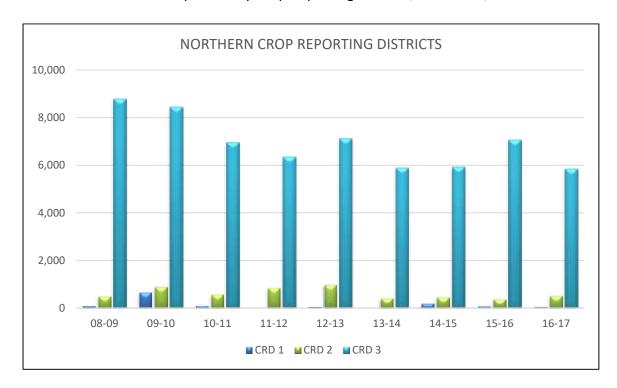


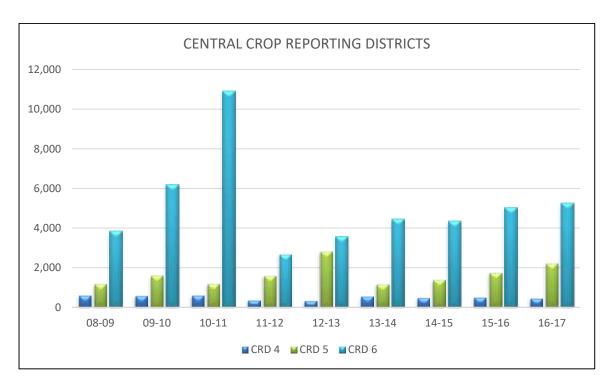
North Dakota DEB Shipments by Crop Reporting District (thousand bu.)

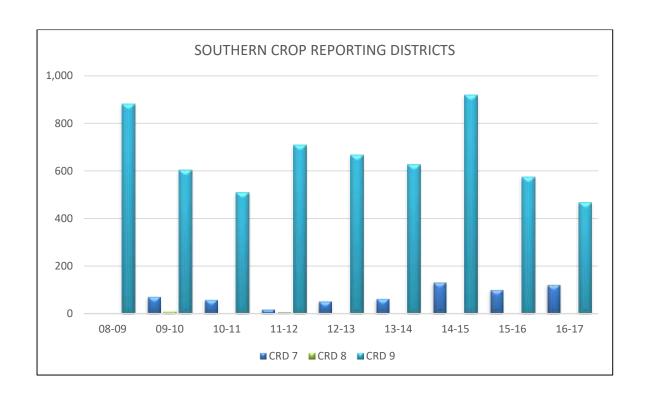
				Crop I	Reporting D	District				
YEAR	1	2	3	4	5	6	7	8	9	TOTAL
2008-09	106	505	8,787	605	1,189	3,840	58	0	882	15,972
	1%	3%	55%	4%	7%	24%	0%	0%	6%	100%
2009-10	670	905	8,440	593	1,629	6,201	72	11	603	19,124
	4%	5%	44%	3%	9%	32%	0%	0%	3%	100%
2010-11	128	585	6,951	609	1,197	10,916	60	0	508	20,954
	1%	3%	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%



DEB Shipments by Crop Reporting District (thousand bu.)



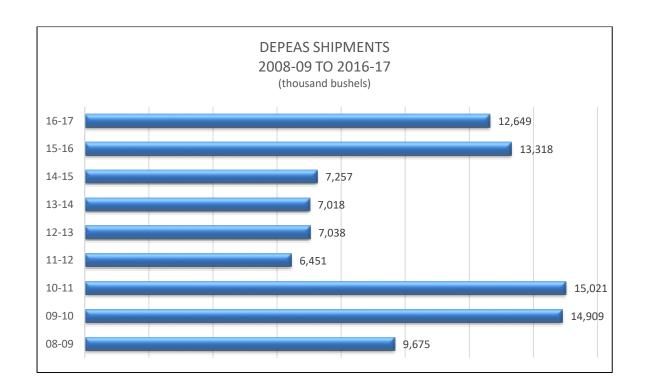


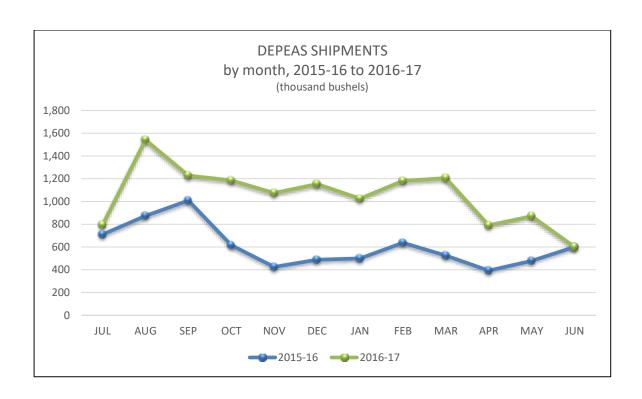


DRY EDIBLE PEA (DEPEAS) SHIPMENTS

North Dakota DEPeas Shipments by Destination (thousand bu.)

YEAR	Minneapolis- St. Paul	Duluth- Superior	PNW	North Dakota	Other Minn. & Wisconsin	Midland & Gulf	Other	TOTAL
2008-09	367	86	2,719	676	354	2,306	3,166	9,675
	4%	1%	28%	7%	4%	24%	33%	100%
2009-10	1,371	0	4,500	341	649	3,856	4,193	14,909
	9%	0%	30%	2%	4%	26%	28%	100%
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%

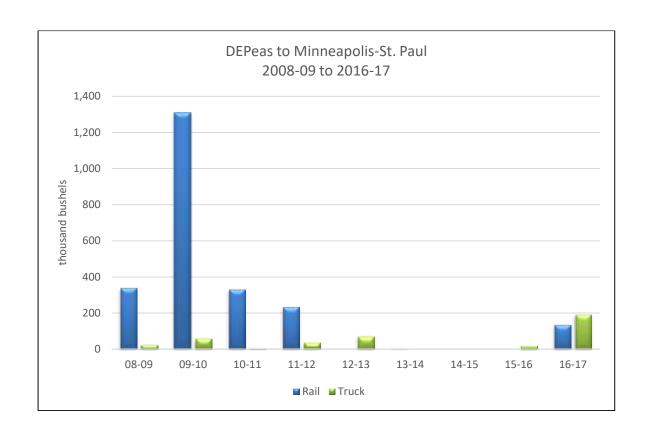


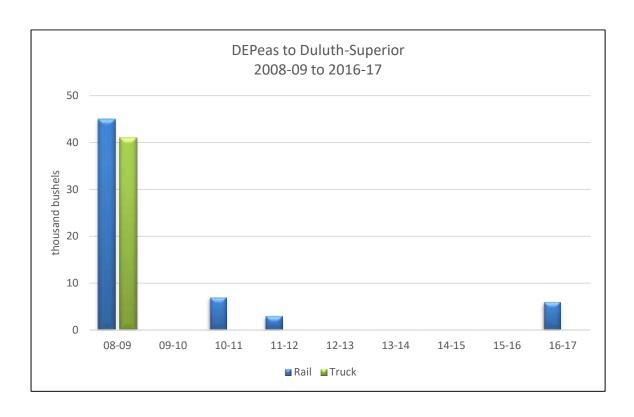


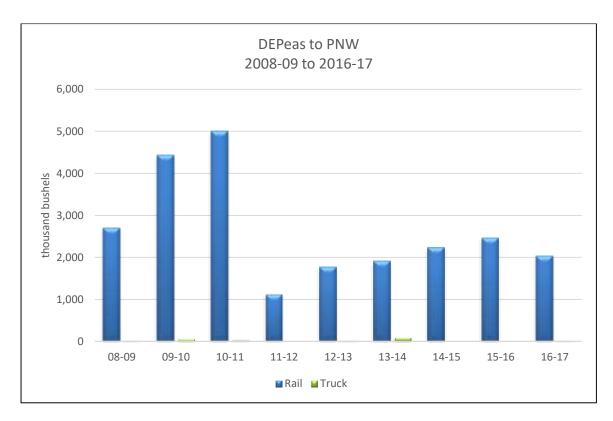
NORTH DAKOTA DEPeas SHIPMENTS BY RAIL, TRUCK AND DESTINATION

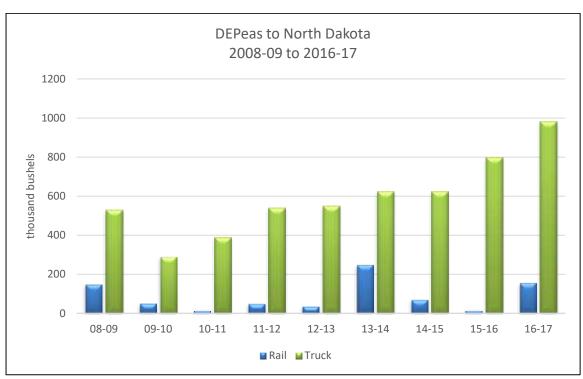
thousand bu.

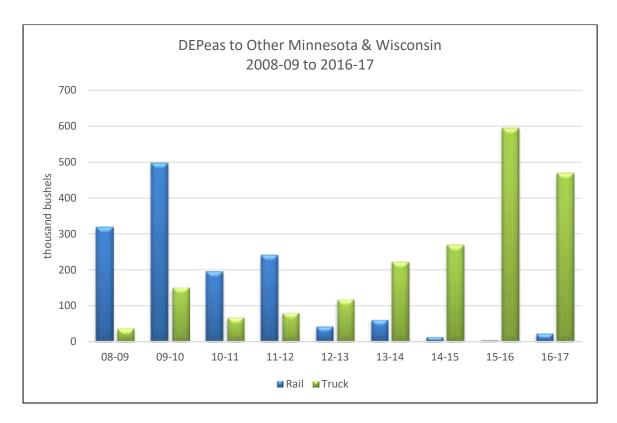
YEAR		apolis- Paul	-	uth- erior	PN	ıw	_	rth kota		Minn. sconsin		and & ulf	Ot	her	TO ⁻	ΓAL
	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck	Rail	Truck
2008-09	341	26	45	41	2,700	19	149	527	318	37	2,107	199	2,794	372	8,455	1,220
	93%	7%	53%	47%	99%	1%	22%	78%	90%	10%	91%	9%	88%	12%	87%	13%
2009-10	1,309	62	0	0	4,432	68	51	290	498	151	3,532	324	3,206	987	13,030	1,879
	95%	5%	0%	0%	98%	2%	15%	85%	77%	23%	92%	8%	76%	24%	87%	13%
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%

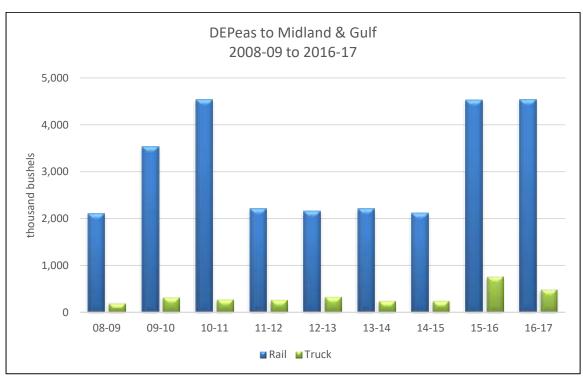


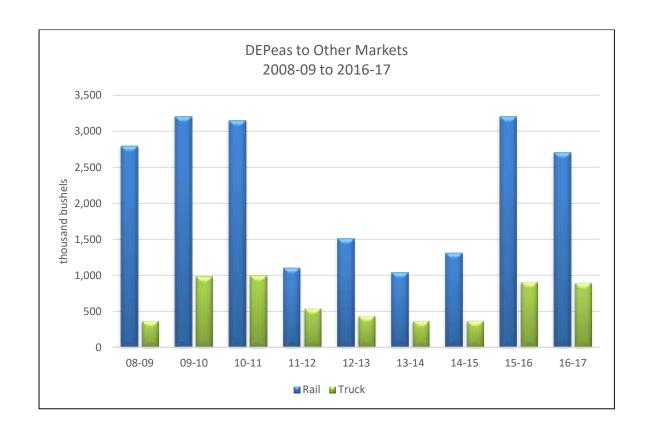


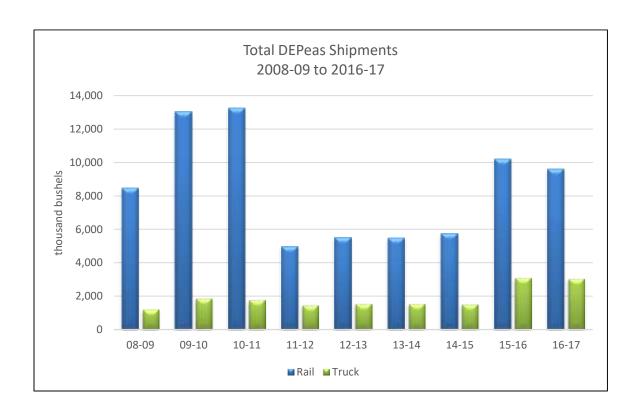








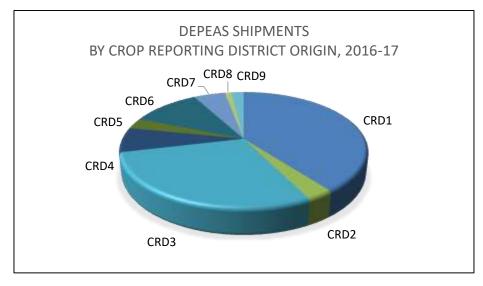




NORTH DAKOTA DEPeas SHIPMENTS BY CROP REPORTING DISTRICT

thousand bu.

		Crop Reporting District												
YEAR	1	2	3	4	5	6	7	8	9	TOTAL				
2008-09	4,888	5	1,733	2,010	364	229	322	0	125	9,675				
	51%	0%	18%	21%	4%	2%	3%	0%	1%	100%				
2009-10	6,597	343	3,230	2,569	81	553	1,418	13	105	14,909				
	44%	2%	22%	17%	1%	4%	10%	0%	1%	100%				
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%				



DEPeas SHIPMENTS BY CROP REPORTING DISTRICT thousand bu.

