

# DURUM

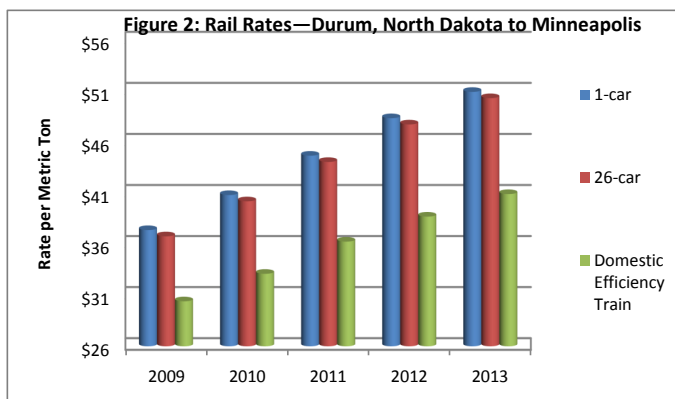
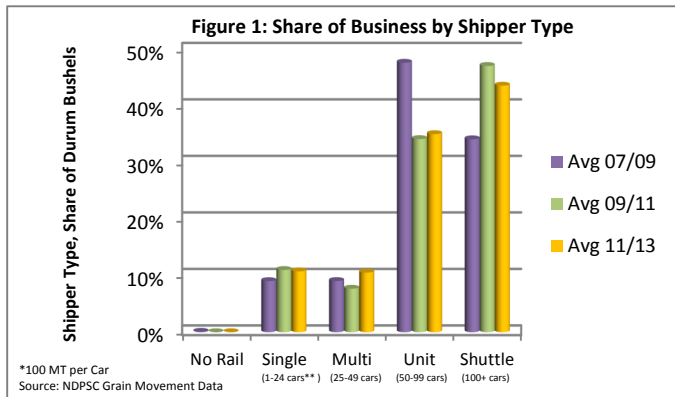
Annual U.S. durum production is around 2.3 million metric tons. More than 75% of land dedicated to durum wheat in the United States is located in North Dakota, followed by Montana, California, and Arizona.

Logistical data presented in this report reviews trends associated with the movement of durum from North Dakota elevators to markets. Figure 1 shows a continuing tendency over time toward larger shuttle shipments. From 2007-09 to 2011-13 shuttle share increased from 34% to 44%, while during the same time unit share decreased from 48% to 35%.

## Markets

Durum, used primarily for pasta products in the United States, is consumed at a rate of more than 19 lbs. per capita every year. Export demand is based in Europe, North Africa, and Latin America, where durum is used in pasta, bread, and couscous.

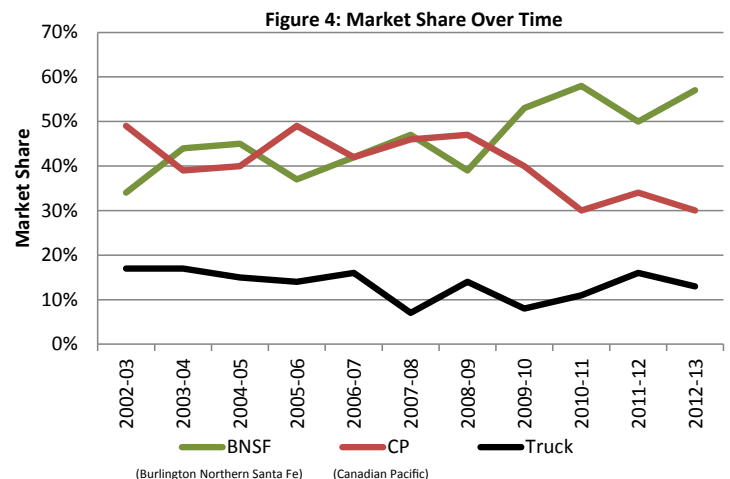
Destination statistics (Figure 3) reveal that durum from North Dakota elevators moved in largest share to local markets. Minneapolis and Midland shipments typically move beyond the gateway to U.S. domestic millers. The Duluth shipments are destined for major export customers in Europe and North Africa. This pattern in 2012-13 was similar to the previous year with an increased share to other MN & WI markets. Overall destination percentages remain fairly consistent for all ports. Crop reporting district (CRD) origin detail for these markets is provided on page 2, along with a world map depicting top markets and export points.



**Rail Market Shares** Two major railroads provide service to North Dakota: Burlington Northern Santa Fe (BNSF) and Canadian Pacific (CP). Figure 4 shows the trends in market shares for BNSF\* and CP\*\* rail lines, as well as trucks, for durum shipped from North Dakota elevators. In the last five years, both BNSF and CP showed a sharper contrast in market share. BNSF's market share increased to 57% in 2012-13, above the 39% in 2008-09. CP's market share declined since 2008-09, a drop from 47% to 30%. The truck share at 13% is slightly higher than the five year average.

\*Includes RRVW \*\*Includes DMVW and NPR

	Duluth	Mpls	Other MN & WI	Midland & Gulf	ND	Other	Total
Previous 5 Yr Avg	23%	24%	11%	19%	16%	7%	49,241
2008-09	13%	29%	7%	25%	22%	4%	21,911
2009-10	32%	20%	9%	16%	11%	10%	42,698
2010-11	33%	14%	7%	14%	15%	17%	52,786
2011-12	16%	14%	8%	20%	25%	16%	24,249
2012-13	16%	16%	13%	19%	22%	13%	38,496



**Destinations for Durum Shipments from ND CRD's**  
(1000 Bushels)\*\*

CRD 1 - Northwest								CRD 2 - North Central							
	Duluth	MN/WI	Midland	PNW	ND	Other	Total		Duluth	MN/WI	Midland	PNW	ND	Other	Total
Previous 5 Yr Avg	25%	25%	24%	0%	18%	6%	31,190	Previous 5 Yr Avg	26%	34%	6%	0%	19%	14%	1,919
2008-09	16%	34%	26%	0%	21%	3%	16,797	2008-09	1%	28%	4%	0%	66%	1%	584
2009-10	39%	23%	16%	3%	11%	8%	30,675	2009-10	18%	39%	1%	0%	41%	2%	1,116
2010-11	44%	11%	16%	1%	13%	15%	34,073	2010-11	3%	23%	4%	0%	57%	13%	2,400
2011-12	20%	19%	20%	2%	28%	10%	14,862	2011-12	12%	12%	0%	0%	60%	15%	816
2012-13	21%	23%	23%	1%	26%	6%	24,535	2012-13	1%	21%	0%	0%	57%	21%	1,127

CRD 3 - Northeast								CRD 4 - West Central							
	Duluth	MN/WI	Midland	PNW	ND	Other	Total		Duluth	MN/WI	Midland	PNW	ND	Other	Total
Previous 5 Yr Avg	30%	25%	5%	0%	19%	22%	2,065	Previous 5 Yr Avg	3%	56%	20%	0%	18%	3%	4,748
2008-09	1%	13%	65%	0%	14%	7%	508	2008-09	0%	41%	26%	0%	33%	0%	1,620
2009-10	2%	53%	0%	0%	13%	32%	145	2009-10	4%	51%	23%	1%	20%	1%	3,406
2010-11	10%	29%	0%	5%	20%	36%	975	2010-11	1%	37%	17%	0%	26%	19%	5,084
2011-12	3%	24%	5%	5%	25%	37%	578	2011-12	3%	9%	46%	0%	36%	6%	2,821
2012-13	4%	35%	0%	0%	35%	25%	764	2012-13	2%	0%	28%	0%	20%	50%	2,576

CRD 5 - Central								CRD 6 - East Central							
	Duluth	MN/WI	Midland	PNW	ND	Other	Total		Duluth	MN/WI	Midland	PNW	ND	Other	Total
Previous 5 Yr Avg	12%	56%	7%	0%	14%	12%	1,557	Previous 5 Yr Avg	14%	58%	0%	0%	24%	5%	208
2008-09	3%	47%	0%	0%	24%	25%	440	2008-09	0%	0%	0%	0%	0%	0%	0
2009-10	16%	24%	6%	0%	11%	43%	683	2009-10	0%	0%	0%	0%	85%	15%	56
2010-11	28%	14%	21%	0%	6%	31%	1,485	2010-11	0%	0%	0%	0%	0%	0%	0
2011-12	0%	34%	19%	0%	22%	24%	679	2011-12	0%	100%	0%	0%	0%	0%	60
2012-13	8%	7%	13%	0%	29%	43%	1,627	2012-13	0%	100%	0%	0%	0%	0%	2,254

CRD 7 - Southwest								CRD 8 - South Central							
	Duluth	MN/WI	Midland	PNW	ND	Other	Total		Duluth	MN/WI	Midland	PNW	ND	Other	Total
Previous 5 Yr Avg	24%	57%	9%	2%	3%	5%	7,157	Previous 5 Yr Avg	0%	90%	1%	0%	9%	0%	134
2008-09	11%	51%	24%	1%	4%	11%	1,781	2008-09	0%	70%	0%	0%	30%	0%	56
2009-10	16%	44%	16%	3%	2%	19%	6,564	2009-10	0%	84%	0%	0%	16%	0%	53
2010-11	20%	49%	7%	2%	4%	17%	8,730	2010-11	16%	84%	0%	0%	0%	0%	30
2011-12	16%	36%	6%	1%	3%	39%	4,409	2011-12	0%	0%	0%	0%	100%	0%	23
2012-13	14%	42%	11%	2%	4%	27%	5,079	2012-13	0%	0%	0%	0%	100%	0%	29

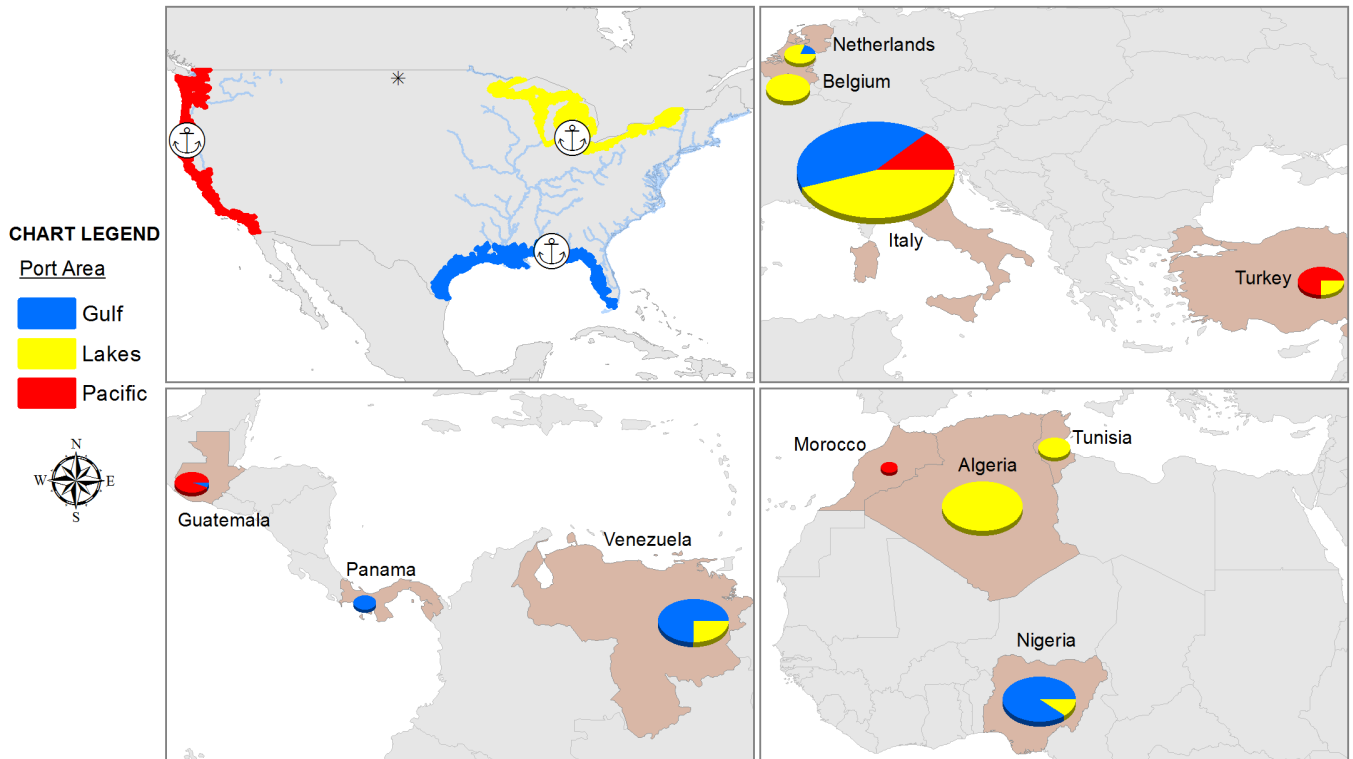
  

CRD 9 - Southeast							
	Duluth	MN/WI	Midland	PNW	ND	Other	Total
Previous 5 Yr Avg	2%	84%	0%	0%	4%	10%	265
2008-09	0%	96%	0%	0%	11%	0%	124
2009-10	0%	0%	0%	0%	0%	0%	0
2010-11	0%	79%	0%	0%	21%	0%	9
2011-12	0%	0%	0%	0%	100%	0%	1
2012-13	0%	97%	0%	0%	0%	3%	505

\*\*One metric ton = 36.74 Bushels

Patterns and methods of shipping Durum per the Annual North Dakota Elevator Marketing Report and the North Dakota Grain And Oilseed Transportation Statistics report. The complete reports, CRD map, and additional market information are available at <http://www.ugpti.org/resources/grain/>.

**Durum Export by Region and Port Area**



NDSU Agriculture and University Extension, N.D. *Durum Wheat Production*. Accessed online June 23, 2010, at <http://www.ag.ndsu.nodak.edu/plantsci/breeding/durum/production.htm>

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