N.D. Durum production is around 40 million bushels annually. Approximately 60% of land used in durum production in the United States is located in North Dakota, followed by Montana, Arizona, and California. (ND Wheat Commission).

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 trend toward larger rail facilities in the durum market. Shuttle facilities’ share during the most recent 3-year time frame was 51% followed by multi (25%) and unit (19%) train facilities. Rail rates to Minneapolis have held steady for all train types from 2015 through 2018 (Figure 2).

**Markets**
Durum is used primarily for pasta products. In the United States, pasta consumption amounts to 20 lbs. per capita every year (North Dakota Wheat Commission). Export demand is based in Europe, North Africa, and Latin America, where durum is used in pasta, bread, and couscous.

Destination data (Figure 3) reveal that durum from North Dakota elevators moved in largest share to WI/Other MN in 2017-18. The Duluth shipments are destined for export customers in Europe and North Africa. WI/Other MN and Midland shipments typically move beyond the gateway to U.S. domestic millers. Overall destination percentages remain fairly consistent for all ports.

Crop reporting district (CRD) origin detail is provided on page 2, along with specifics on markets and export points.

**Rail Market Shares** Burlington Northern Santa Fe (BNSF*) and Canadian Pacific (CP**) are the two major railroads providing service to North Dakota. Market share trends for these two rail roads, as well as trucks, are shown in Figure 4. BNSF continues to hold the largest share, more than 50% since 2009-10. CP holds a 25% share in the 2017-18 crop year. The share held by trucks is currently 22%.

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*Includes Red River Valley & Western (RRVW)
**Includes Dakota Missouri Valley & Western (DMVW), and Northern Plains Rail (NPR)
The content of this report reflects the views of authors, who are responsible for facts and accuracy of the information. This document is disseminated under the sponsorship of the ND Wheat Commission.

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**DURUM EXPORT BY REGION AND PORT AREA RECENT 3-YEAR AVERAGE**

<table>
<thead>
<tr>
<th>Port Area</th>
<th>Gulf</th>
<th>Lakes</th>
<th>Pacific</th>
<th>Total Volume by Region</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gulf</strong></td>
<td>50%</td>
<td>30%</td>
<td>20%</td>
<td>100%</td>
</tr>
<tr>
<td><strong>Lakes</strong></td>
<td>0%</td>
<td>50%</td>
<td>50%</td>
<td>100%</td>
</tr>
<tr>
<td><strong>Pacific</strong></td>
<td>0%</td>
<td>0%</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

Average Bushels in 1,000’s

Source: U.S. Department of Agriculture

For more information contact:
ndsu.ugt@ndsu.edu
(701) 231-7767
NDSU Dept 2880 • P.O. Box 6050
Fargo, ND • 58108-6050

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**Destinations for Durum Shipments from ND CRD’s**

(1000 Bushels)**

<table>
<thead>
<tr>
<th>Region</th>
<th>CRD 1 - Northwest</th>
<th>CRD 2 - North Central</th>
<th>CRD 3 - Northeast</th>
<th>CRD 4 - West Central</th>
<th>CRD 5 - Central</th>
<th>CRD 6 - East Central</th>
<th>CRD 7 - Southwest</th>
<th>CRD 8 - South Central</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Duluth</td>
<td>MN/WI</td>
<td>Midland</td>
<td>PNW</td>
<td>ND</td>
<td>Other</td>
<td>Total</td>
<td>Duluth</td>
</tr>
<tr>
<td>Previous 5 Yr Avg</td>
<td>28%</td>
<td>22%</td>
<td>20%</td>
<td>1%</td>
<td>20%</td>
<td>8%</td>
<td>24,188</td>
<td>7%</td>
</tr>
<tr>
<td>2013-14</td>
<td>26%</td>
<td>23%</td>
<td>24%</td>
<td>7%</td>
<td>16%</td>
<td>4%</td>
<td>24,577</td>
<td>6%</td>
</tr>
<tr>
<td>2015-16</td>
<td>30%</td>
<td>14%</td>
<td>27%</td>
<td>2%</td>
<td>17%</td>
<td>9%</td>
<td>18,366</td>
<td>15%</td>
</tr>
<tr>
<td>2015-16</td>
<td>28%</td>
<td>15%</td>
<td>25%</td>
<td>8%</td>
<td>13%</td>
<td>10%</td>
<td>17,665</td>
<td>16%</td>
</tr>
<tr>
<td>2015-16</td>
<td>41%</td>
<td>22%</td>
<td>21%</td>
<td>0%</td>
<td>11%</td>
<td>5%</td>
<td>19,342</td>
<td>17%</td>
</tr>
<tr>
<td>2015-16</td>
<td>15%</td>
<td>29%</td>
<td>27%</td>
<td>0%</td>
<td>19%</td>
<td>2%</td>
<td>11,972</td>
<td>13%</td>
</tr>
</tbody>
</table>

**Previous 5 Yr Avg**

**Total: 5,110**

**Previous 5 Yr Avg**

**Total: 732**

**Previous 5 Yr Avg**

**Total: 0%**

**Previous 5 Yr Avg**

**Total: 64%**

**Previous 5 Yr Avg**

**Total: 0%**

**Previous 5 Yr Avg**

**Total: 694**

**Previous 5 Yr Avg**

**Total: 983**

**Previous 5 Yr Avg**

**Total: 535**

**Previous 5 Yr Avg**

**Total: 722**

**Previous 5 Yr Avg**

**Total: 1,070**

**Previous 5 Yr Avg**

**Total: 68,794**

**Previous 5 Yr Avg**

**Total: 5,313**

**Previous 5 Yr Avg**

**Total: 3,999**

**Previous 5 Yr Avg**

**Total: 69,794**

**Previous 5 Yr Avg**

**Total: 1,070**

**Previous 5 Yr Avg**

**Total: 68,794**

**Previous 5 Yr Avg**

**Total: 5,313**

**CRD 9 - Southwest**

<table>
<thead>
<tr>
<th>Previous 5 Yr Avg</th>
<th>Duluth</th>
<th>MN/WI</th>
<th>Midland</th>
<th>PNW</th>
<th>ND</th>
<th>Other</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>0%</td>
<td>54%</td>
<td>0%</td>
<td>0%</td>
<td>26%</td>
<td>1%</td>
<td>128</td>
</tr>
<tr>
<td>2015-16</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>2015-16</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>2015-16</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>2015-16</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
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<tr>
<td>2015-16</td>
<td>0%</td>
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<tr>
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<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
</tbody>
</table>

**Previous 5 Yr Avg**

**Total: 1,070**

**Previous 5 Yr Avg**

**Total: 69,794**

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**Total: 5,313**

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**Total: 5,313**

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**Total: 1,070**

**Previous 5 Yr Avg**

**Total: 68,794**

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**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.ugtt.org/resources/grain/.”**