

INFLUENCE OF RAILROADS AND CANALS AS AFFECTING THE MARKET VALUE OF WHEAT AND CORN.

The following calculation shows the effect upon the market value of a ton of wheat and corn transported on railroads, canals and wagon roads. The cost of transportation upon railroads is assumed at $1\frac{1}{2}$ cents per ton per mile; canals, $1\frac{2}{3}$ cents; and wagon roads, at 15 cents per ton per mile. In a ton of wheat of 2,240 pounds, there are $37\frac{1}{2}$ bushels, and 40 bushels in a ton of corn, and the value assumed in market for the former is \$56 25, or \$1 50 per bushel, and the latter \$30, or 75 cents per bushel.

	<i>Transportat'n of Wheat.</i>			<i>Transportation of Corn.</i>		
	By R. Road	By Canal.	By Wag'n	By R. Road.	By Canal.	By Wag'n
At market	\$56 25	\$56 25	\$56 25	\$30 00	\$30 00	\$30 00
10 miles...	56 00	56 10	54 75	29 82	29 88	28 50
50 " ...	55 37	55 65	48 75	29 12	29 40	22 50
100 " ...	54 50	55 05	41 25	28 25	28 80	15 00
150 " ...	53 63	54 45	33 75	27 38	28 20	7 50
200 " ...	52 75	53 85	26 25	26 50	27 60
250 " ...	51 88	53 25	18 75	25 62	27 00
300 " ...	51 00	52 65	11 25	24 75	26 40
330 " ...	50 48	52 25	6 75	24 27	26 04
350 " ...	50 13	52 00	3 75	23 88	25 80
375 " ...	49 69	51 75	23 44	25 50

The above calculations show that wheat, 50 miles from market, is worth 18 cents more per bushel upon the line of a railroad, and 19 cents more, if upon a canal, than if sent to market over the average first-class wagon roads; and at 375 miles from market, while the entire value of a bushel of wheat is absorbed in the cost of transportation over a wagon road, the cost by railroad has only reduced it 17 cents, and by canal only 12 cents per bushel. Corn, 200 miles from market, by wagon road, is just equal, in value, to the cost of transportation, while the same distance by railroad, its value is only reduced 10 cents; and by canal only six cents per bushel.