

Transportation costs (in ton-miles -- the cost to transport one ton of material a distance of one mile)
Expressed in cents

| | <i>Teaming By ox-cart or horse drawn cart</i> | <i>Downstream</i> | <i>River Upstream</i> | <i>Canal</i> | <i>Railroads</i> | <i>Truck</i> | <i>Air</i> |
|------|---|-------------------|---------------------------|--------------|------------------|--------------|------------|
| 1784 | 38 | | | | | | |
| 1789 | | | 1.5 | 10 | | | |
| 1794 | 30 | | | | | | |
| 1802 | | | 1.2 | | 8 | | |
| 1814 | 32 | | | | | | |
| 1817 | | | | | 5.5 | | |
| 1819 | 30 | | | 2.3 | | | |
| 1822 | 15 | | 0.7 | 1.5 | 4.5 | | |
| 1833 | 17.5 | | | | 6.25/6.3 | | |
| 1840 | 20 | | | | | | |
| 1848 | | | | | 0.8 | 5.5 | |
| 1850 | 15 | <.5 | | | | | |
| 1852 | | <.5 | | | | | |
| 1854 | | | | | | 3.1 | |
| 1856 | | | | | | 3.4 | |
| 1860 | | | | | | 2.8 | |
| 1870 | | | 0.75 | | 0.9 | 3.1 | |
| 1880 | | <.5 | | | 0.52 | 1.45 | |
| 1890 | | | | | | 0.93 | |
| 1900 | | | | | | 0.73 | |
| 2000 | | | | | | 2.26 | 27 |

Advantages Can go anywhere more efficient More freight with less effort Could be built almost anywhere Economical? More reliable -- could travel year round Good for smaller loads and shorter distances Direct Faster for shorter distances Speed

Disadvantage Harder to go upstream Expensive