Iowa DOT Railroad and Freight Data

Railroad Annual Reports

**Note: all data is available from 1985 to present except 'Commodity Movement' which is only available from 1999 to present

Railroads: number of railroads serving Iowa by class

Mileage: miles owned/leased/operated under trackage rights by railroad (also available by county)

Commodity Movement: total carloads and tons of STCC groups originating, terminating, and all other freight by railroad

Car Miles: total loaded and empty car miles by railroad

Gross Ton-Miles: total gross ton miles by railroad

Net Ton-Miles: total net ton miles operated by railroad

Operating Revenues: total operating revenues by railroad

Locomotive Unit Miles: total locomotive unit miles by railroad

Other Data

Rail line work: shapefile of entire state railroad network (main line updated annually)

Bottleneck locations: as identified in 2014 freight mobility survey of railroads and planning agencies

Rail facility information

- **Grain elevators:** shapefile with locations and general information including hopper and storage capacities
- **Ethanol/biodiesel plants:** shapefile with locations and general information including production capacities
- **Coal-burning power plants:** shapefile with locations and general information
- **Intermodal container facility:** shapefile with location and general information
- **Transload locations:** list of locations and services as well as railroads that access them; working to acquire addresses so these can be properly digitized

Other freight facility information

- **Public warehousing:** shapefile with locations and general information
- **Barge terminals:** shapefile with locations and general information

**Definitions of terms on reverse side

Definitions

Car Mile: the movement of a car the distance of one mile. A term used in statistical data.

Ton-Mile: a measure of output for freight transportation; reflects weight of shipment and the distance it is hauled; a multiplication of tons hauled by the distance traveled.

Gross Ton-Mile: the movement of a ton of transportation equipment and contents one mile. (Gross Ton = 2,240 pounds)

Net Ton-Mile: the movement of a net ton of freight one mile. (Net Ton = 2,000 pounds)

Locomotive Unit Mile: weight of all locomotives moved one mile in transportation trains.

STCC: Standard Transportation Commodity Code; commodity groupings used by the Railroad Annual Reports

SCTG: Standard Classification of Transported Goods; commodity groups used by the Freight Analysis Framework; full lists can be found at https://bhs.econ.census.gov/bhs/cfs/Commodity%20Code%20Manual%20%28CFS-1200%29.pdf

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