

# Class I Railroad Statistics

ASSOCIATION OF AMERICAN RAILROADS

MAY 3, 2016

## U.S. Class I Railroads

U.S. Class I Railroads are line haul freight railroads with 2014 operating revenue of \$475.75 million or more. The threshold is expected to be lower for 2015. Two Canadian railroads, CN and Canadian Pacific, have enough revenue that they would be U.S. Class I railroads if they were U.S. companies. Both companies also own railroad systems in the United States that, by themselves, qualify to be Class I railroads. Two Mexican railroads, Ferrocarril Mexicano and Kansas City Southern de México, would also be Class I railroads if they were U.S. railroads. The U.S. Class I railroads in 2015 are: BNSF Railway, CSX Transportation, Grand Trunk Corporation, Kansas City Southern Railway, Norfolk Southern Combined Railroad Subsidiaries, Soo Line Corporation, and Union Pacific Railroad. Grand Trunk Corporation consists of almost all of CN's U.S. operations. Soo Line Corporation is all of Canadian Pacific's U.S. operations.

|                            | 2014 | 2015p |
|----------------------------|------|-------|
| <b>Number of Railroads</b> | 7    | 7     |

### Resources

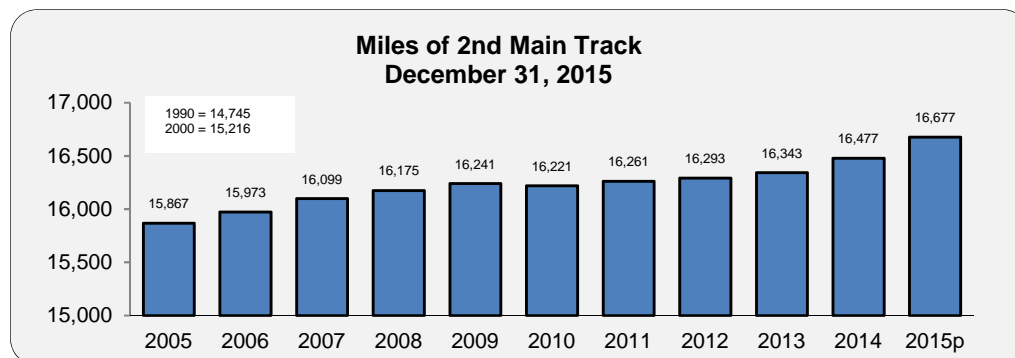
|  |         |         |
|--|---------|---------|
| Miles of Road Operated Less Trackage Rights      | 94,372  | 93,628  |
| Miles of Track Operated Less Trackage Rights     | 161,240 | 160,692 |
| Miles of High-Density "A" Track Maintained       | 66,861  | 66,132  |
| Locomotives in Service                           | 25,916  | 26,574  |
| Freight Cars in Service, North America (million) | 1.56    | n.a.    |

Note: High-Density track has a freight density of at least 20 million gross ton-miles per track mile per year.

Changes in traffic can cause some track to enter or leave the High-Density category.

### Employment

|   |           |           |
|---|-----------|-----------|
| Number of Employees                           | 166,209   | 169,394   |
| Average Wages                                 | \$86,198  | \$86,321  |
| Average Total Compensation Including Benefits | \$119,629 | \$120,893 |



# Class I Railroad Statistics (continued)

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|  | 2013        | 2014        | 2015p       |
|--|-------------|-------------|-------------|
| <b>Traffic</b>                             |             |             |             |
| Carloads Originated (million, from FCS)    | 28.83       | 30.22       | 29.44       |
| Intermodal Units (million):                |             |             |             |
| Containers                                 | 11.35       | 11.97       | 12.23       |
| Trailers                                   | <u>1.48</u> | <u>1.53</u> | <u>1.48</u> |
| Total (see notes)                          | 12.83       | 13.50       | 13.71       |
| Tons Originated (billion)                  | 1.758       | 1.840       | 1.731       |
| Ton-miles (revenue ton-miles in trillions) | 1.741       | 1.851       | 1.745       |
| <b>Operating Statistics</b>                |             |             |             |
| Freight Revenue Per Ton-Mile               | 4.051¢      | 4.054¢      | 3.952¢      |
| Average Tons Per Carload                   | 61.0        | 60.9        | 58.8        |
| Average Tons Per Train                     | 3,488       | 3,606       | 3,562       |
| Average Length of Haul (miles)             | 990.5       | 1006.0      | 1007.7      |
| <b>Financial</b>                           |             |             |             |
| Freight Revenue (billion)                  | \$70.5      | \$75.1      | \$69.0      |
| Operating Revenue (billion)                | \$72.9      | \$77.7      | \$71.7      |
| Operating Expense (billion)                | \$51.6      | \$54.1      | \$48.7      |
| Net Income (billion)                       | \$13.4      | \$14.4      | \$14.5      |
| Operating Ratio                            | 70.8%       | 69.7%       | 68.0%       |
| Return on Average Equity                   | 14.19%      | 13.38%      | 11.85%      |
| Return on Year-End Assets                  | 6.98%       | 6.86%       | 6.27%       |

n.a. - not yet available

## Notes

**Miles of Road** is the aggregate length of roadway, excluding yard tracks and sidings, and does not reflect the fact that a mile of road may include two, three, or more parallel tracks. Miles of road operated figures will be higher than mileage owned since more than one railroad can operate the same roadway by having trackage rights. Figures on page 1 include mileage owned by U.S. railroads in Canada. Excluding double-counting for trackage rights, Class I railroads operated in 2012 a total of 95,264 miles of the 138,524 mile network in the United States.

**Freight Cars in Service** includes any owner in North America. Because Canadian railroads have significant operations in the USA, and non-railroads own a significant number of freight cars, freight car counts herein are for Canada, Mexico, and the U.S. – for all owners.

**Carloads**, as reported here and in *Freight Commodity Statistics*, include intermodal traffic and will differ from the AAR's *Weekly Railroad Traffic* which segregates intermodal traffic from carloads and does not include Canadian-owned railroads in the U.S. railroad totals. These figures also will not match carloads from the Carload Waybill Sample, which is an estimate (based on a sample) for all railroads in the United States.

**Intermodal** on this page includes one former Class I railroad and excludes two Canadian-owned Class I railroads. The Class I portion is a subset of other traffic figures herein.

# Class I Railroad Statistics (continued)

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## Type of Freight Carried for Year 2015

| Commodity Group                   | Tons Originated  |                | Gross Revenue** |                |
|-----------------------------------|------------------|----------------|-----------------|----------------|
|                                   | (000)            | % of Total     | (million)       | % of Total     |
| Coal                              | 638,053          | 36.9 %         | \$12,124        | 17.2 %         |
| Chemicals & allied products       | 179,671          | 10.4           | 10,117          | 14.3           |
| Non-metallic minerals             | 159,765          | 9.2            | 3,352           | 4.7            |
| Farm products                     | 145,492          | 8.4            | 5,777           | 8.2            |
| * Misc. mixed shipments           | 119,966          | 6.9            | 9,161           | 13.0           |
| Food & kindred products           | 101,014          | 5.8            | 5,718           | 8.1            |
| Metallic ores                     | 59,388           | 3.4            | 611             | 0.9            |
| Refined petroleum & coke          | 49,892           | 2.9            | 2,606           | 3.7            |
| Metals & products                 | 45,738           | 2.6            | 2,417           | 3.4            |
| Stone, clay & glass products      | 42,846           | 2.5            | 1,739           | 2.5            |
| Crude petroleum, nat. gas         | 40,478           | 2.3            | 2,231           | 3.2            |
| Waste & scrap materials           | 36,659           | 2.1            | 1,157           | 1.6            |
| Pulp, paper & allied prod.        | 32,727           | 1.9            | 2,327           | 3.3            |
| Lumber & wood products            | 27,181           | 1.6            | 1,922           | 2.7            |
| Motor vehicles & equip.           | 22,986           | 1.3            | 5,478           | 7.8            |
| * Apparel & otr finished textiles | 4,592            | 0.3            | 441             | 0.6            |
| * Semi-trailers returned empty    | 4,501            | 0.3            | 849             | 1.2            |
| All other commodities             | 20,426           | 1.2            | 2,625           | 3.7            |
| <b>Total</b>                      | <b>1,731,375</b> | <b>100.0 %</b> | <b>\$70,653</b> | <b>100.0 %</b> |

\* Category is over 99 percent intermodal traffic. Some intermodal traffic is also included in commodity-specific categories. STCC 46, 23, and 422 account for about 70 percent of intermodal tonnage.

\*\* Gross Revenue is not adjusted for absorption (incentive rebates etc.) or correction.

Chemicals herein is STCC 28 plus part of 29. Crude petroleum is STCC 131. Semi-Trailers category is STCC 422.

## 2015 Class I Railroad Tons Originated

