## Class I Railroad Statistics

## U.S. Class I Railroads

U.S. Class I Railroads are line haul freight railroads with 2008 operating revenue in excess of $\$ 401.4$ million. 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 railroads 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 2009 are: BNSF Railway, CSX Transportation, Grand Trunk Corporation, Kansas City Southern Railway, Norfolk Southern Combined Railroad Subsidiaries, Soo Line Railroad, and Union Pacific Railroad.

|  | 2008 | 2009p |
| :---: | :---: | :---: |
| Number of Railroads | 7 | 7 |
| Resources |  |  |
| Miles of Road Operated Less Trackage Rights | 94,209 | 94,048 |
| Miles of Track Operated Less Trackage Rights | 160,734 | 160,781 |
| Miles of High-Density "A" Track Maintained | 69,749 | 62,067 |
| Locomotives in Service | 24,003 | 24,047 |
| Freight Cars in Service* | 450,297 | n.y.a |
| Note: High-Density track has a freight density of at least 20 million gross ton-miles per track mile per year. n.y.a. - Not yet available |  |  |
| Employment |  |  |
| Number of Employees | 164,439 | 151,906 |
| Average Wages | \$72,836 | \$72,153 |
| Average Total Compensation Including Benefits | \$100,876 | \$103,214 |



[^0]
## Class I Railroad Statistics (coninues)

Traffic
Carloads Originated (million)
Intermodal Units (million):
Containers
Trailers
Total
Tons Originated (billion)
Ton-miles (trillion)
Operating Statistics
Freight Revenue Per Ton-Mile
Average Tons Per Carload
Average Tons Per Train
Average Length of Haul (miles)

Financial
Freight Revenue (billion)
Operating Revenue (billion)
Operating Expense (billion)
Net Income (billion)
Operating Ratio
Return on Average Equity

2007
31.46
9.43
2.60
12.03
1.940
1.771
2.990 ¢
61.7

3,274
912.8
\$52.9
\$54.6
$\$ 42.7$
\$6.8
78.3\%
11.49\%

2008
30.62
9.02
2.48
$11.50 r$
1.64
1.934
1.777
3.343¢
63.1

3,414
919.1
\$59.4
\$46.1
\$61.2
\$47.3
\$8.1
77.3\%
13.26\%

2009p
26.01
8.24
9.88
1.668
1.532
n.y.a. = not yet available $\quad r=$ revised to comparable 52-week period

## 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 in Canada. Excluding double-counting for trackage rights, Class I railroads operated in 2008 a total of 94,082 miles of the 139,887 mile network in the United States.

Freight Cars in Service for railroads includes railroad-owned cars plus cars with a railroad's mark on January 1, which usually have a longer-term lease. The railroads also use equipment controlled by shippers and leasing companies, including railroad-owned TTX - one of the largest leasing companies. New freight cars cost between $\$ 70,000$ and $\$ 260,000$ depending on the type and features. The Class I railroad average for 2009 was $\$ 98,090$.

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. totals. These figures also will not match carloads from the Carload Waybill Sample, which is an estimate (based on a sample) for all railroads.

Intermodal on this page includes one regional (and 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 (coninues) 

## Type of Freight Carried for Year 2009

| Commodity Group | Tons Originated |  | Gross Revenue** |  |
| :---: | :---: | :---: | :---: | :---: |
|  | (000) | $\begin{aligned} & \text { \% of } \\ & \text { Total } \end{aligned}$ | (million) | $\begin{aligned} & \text { \% of } \\ & \text { Total } \end{aligned}$ |
| Coal | 786,607 | 47.2 \% | \$12,052 | 25.1 \% |
| Chemicals \& allied prod. | 162,691 | 9.8 | 6,831 | 14.2 |
| Farm products | 137,163 | 8.2 | 4,413 | 9.2 |
| Non-metallic minerals | 105,397 | 6.3 | 1,320 | 2.7 |
| Misc. mixed shipments* | 102,707 | 6.2 | 6,240 | 13.0 |
| Food \& kindred products | 100,695 | 6.0 | 4,261 | 8.9 |
| Metallic ores | 43,842 | 2.6 | 404 | 0.8 |
| Petroleum \& coke | 38,139 | 2.3 | 1,540 | 3.2 |
| Waste \& scrap materials | 36,866 | 2.2 | 1,022 | 2.1 |
| Stone, clay \& glass prod. | 35,483 | 2.1 | 1,215 | 2.5 |
| Metals \& products | 30,418 | 1.8 | 1,390 | 2.9 |
| Pulp, paper \& allied prod. | 28,453 | 1.7 | 1,656 | 3.4 |
| Lumber \& wood products | 21,736 | 1.3 | 1,095 | 2.3 |
| Motor vehicles \& equip. | 16,754 | 1.0 | 2,397 | 5.0 |
| All other commodities | 21,304 | 1.3 | 2,205 | 4.6 |
| Total | 1,668,254 | 100.0 \% | \$48,041 | 100.0 \% |

[^1]2009 Class I Railroad Tons Originated


## U.S. Freight Railroad Statistics

|  | 2007 | 2008 |
| :---: | :---: | :---: |
| Number of Railroads | 563 | 565 |
| Operating Statistics |  |  |
| Miles of Road Operated Less Trackage Rights | 140,695 | 139,326 |
| Miles of Road Operated in the U.S. | 171,513 | 169,389 |
| Freight Cars in Service, U.S. Railroad Owned* | 580,635 | 559,784 |
| Freight Cars in Service, All U.S. Owners* | 1,385,709 | 1,392,972 |
| * U.S. owned only, excludes Canadian-owned railroads operating in the U.S., excludes railroad-owned $\Pi$ TX. |  |  |
| Employment |  |  |
| Number of Employees | 186,812 | 183,743 |
| Average Wages | \$68,158 | \$71,303 |
| Average Compensation Including Benefits | \$95,291 | \$98,500 |
| Traffic |  |  |
| Carloads Originated (million) | 35.94 | 34.89 |
| Tons Originated (billion) | 2.26 | not yet available |
| Ton-miles (trillion) from Bureau of Transportation Statistics | 1.82 | not yet available |
| Railroad Modal Share for Ton-Miles | 42.7\% | not yet available |
| Financial |  |  |
| Freight Revenue (billion) | \$56.8 | \$63.4 |



# U.S. Freight Railroad Statistics (cominuea) 



## 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 less trackage rights, which eliminates double-counting caused by more than one railroad operating the same track, is the measure of the rail network. Excluding trackage-rights, U.S. railroads operate 139,743 miles, including 139,326 in the United States. Canadian railroads have an additional 561 miles in the U.S., making the U.S. network a total of 139,887 miles.

Freight Cars in Service for railroads excludes shipper-owned freight cars and freight cars owned by leasing companies that are not leased on January 1 (including a major leasing company owned by the railroads).

Carloads shown here uses the Surface Transportation Board's Freight Commodity Statistics and the AAR's Profiles of U.S. Railroads survey as sources, and will not match the total carloads reported in Railroads and States which uses the Carload Waybill Sample as a source. The AAR's Weekly Railroad Traffic will not match either source, primarily because it segregates intermodal traffic.

Railroad Market Share is based on data from USDOT, Research and Innovative Technologies Administration, Bureau of Transportation Statistics, National Transportation Statistics, Table 1-46b.

# North American Freight Railroad Statistics 

## North American Railroads

With the exception of freight cars, statistics include all U.S. railroads, the two largest Canadian railroads, and the two largest Mexican railroads. Freight car figures include all railroads and all owners. The tons and carloads originated may contain some double-counting on freight that was re-billed as it crossed the U.S.-Mexican border.

|  | 2007 | $\mathbf{2 0 0 8}$ |
| :--- | ---: | ---: |
| Resources |  |  |
| Miles of Road Operated Less Trackage Rights | 169,588 | 168,628 |
| Miles of Road Operated | 203,296 | 202,534 |
| Freight Cars in Service, Railroad | 750,999 | 728,617 |
| Freight Cars in Service, All Owners | $1,597,011$ | $1,604,691$ |
|  |  |  |
| Employment | 226,608 | 224,464 |
| $\quad$ Number of Employees |  |  |
| Traffic | 41.75 | 40.57 |
| $\quad$ Carloads Originated* (million) | 2.58 | n.a. |
| $\quad$ Tons Originated (billion) | 2.10 | n.a. |
| $\quad$ Ton-miles (trillion) |  |  |
| Financial | $\$ 67.4$ | $\$ 74.9$ |
| $\quad$ Freight Revenue (billion) |  |  |
| n.a. - not yet available r- revised $\quad$ *- includes intermodal |  |  |



## North American Freight Railroad Statistics (coninues)

## Major North American Freight Railroads

BNSF BNSF Railway
CN Canadian National Railway (CN)
CP Canadian Pacific
CSX CSX Transportation
FXE Ferrocarril Mexicano (Ferromex)
KCS Kansas City Southern Railway
NS Norfolk Southern
KCSM Kansas City Southern de México
UP Union Pacific Railroad

|  | Freight Cars | vice in N <br> ry 1, 2009 | America |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Total | Railr |  | Car <br> Companies |
|  | All Owners | Class I* | Other | \& Shippers |
| Canada | 176,275 | 135,637 | 5,421 | 35,217 |
| Mexico | 35,444 | 22,571 | 5,204 | 7,669 |
| United States | 1,392,972 | 450,297 | 109,487 | 833,188 |
| Total | 1,604,691 | 608,505 | 120,112 | 876,074 |

* For Canada and Mexico, "Class I" railroads exceed the revenue threshold and would be Class I railroads if they were U.S. railroads.

Canadian-owned U.S. railroads are included in the Canadian figures.
Some railroads may possess additional freight cars that are unregistered.
Car Companies for U.S. includes railroad-owned TTX, which has one of the largest fleets available for lease.


[^0]:    * Canadian-owned railroads, including 2 U.S. Class I railroads, are excluded. Car companies include railroad-owned TTX.

[^1]:    * Miscellaneous mixed shipments (STCC 46) is almost all intermodal traffic. Some intermodal traffic is also included in commodity-specific categories. STCC 46 accounts for over two thirds of intermodal tonnage.
    ${ }^{\text {** }}$ Gross Revenue is not adjusted for absorption (incentive rebates etc.) or correction.

