

# Class I Railroad Statistics

ASSOCIATION OF AMERICAN RAILROADS

NOVEMBER 8, 2011

## U.S. Class I Railroads

U.S. Class I Railroads are line haul freight railroads with 2010 operating revenue of \$398.7 million or more. 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 2010 are: BNSF Railway, CSX Transportation, Grand Trunk Corporation, Kansas City Southern Railway, Norfolk Southern Combined Railroad Subsidiaries, Soo Line Corporation, and Union Pacific Railroad.

	2009	2010
<b>Number of Railroads</b>	7	7

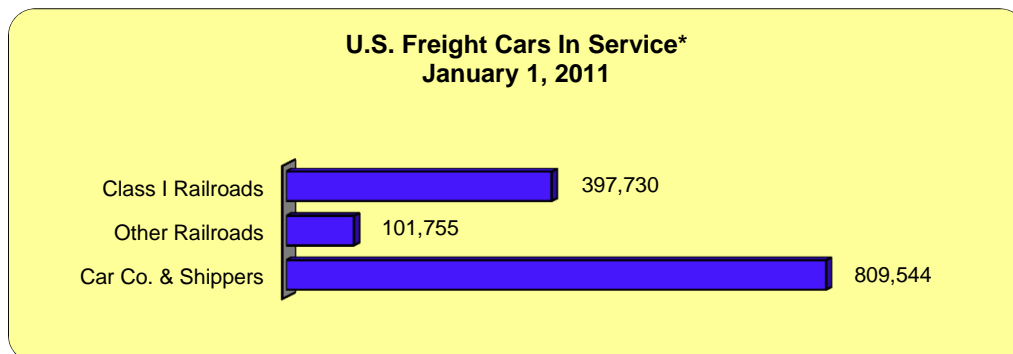
### Resources

Miles of Road Operated Less Trackage Rights	94,048	95,700
Miles of Track Operated Less Trackage Rights	160,781	161,926
Miles of High-Density "A" Track Maintained	62,067	65,119
Locomotives in Service	24,047	23,893
Freight Cars in Service*	416,180	397,730

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

### Employment

Number of Employees	151,906	151,854
Average Wages	\$72,153	\$73,843
Average Total Compensation Including Benefits	\$103,214	\$105,948



\* Canadian-owned railroads, including 2 U.S. Class I railroads, are excluded. Car companies include railroad-owned TTX.

# Class I Railroad Statistics (continued)

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	2008	2009	2010
<b>Traffic</b>			
Carloads Originated (million)	30.62	26.01	29.21
Intermodal Units* (million):			
Containers	9.02	8.24	9.57
Trailers	2.48	1.64	1.71
Total	11.50	9.88	11.28
Tons Originated (billion)	1.934	1.668	1.851
Ton-miles (trillion)	1.777	1.532	1.691
<b>Operating Statistics</b>			
Freight Revenue Per Ton-Mile	3.343¢	3.011¢	3.330¢
Average Tons Per Carload	63.1	64.1	63.4
Average Tons Per Train	3,414	3,546	3,585
Average Length of Haul (miles)	919.1	918.5	913.6
<b>Financial</b>			
Freight Revenue (billion)	\$59.4	\$46.1	\$56.3
Operating Revenue (billion)	\$61.2	\$47.8	\$58.4
Operating Expense (billion)	\$47.3	\$37.2	\$42.7
Net Income (billion)	\$8.1	\$6.4	\$9.2
Operating Ratio	77.3%	77.8%	73.1%
Return on Average Equity	13.26%	9.79%	11.23%

## 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 2009 a total of 93,921 miles of the 139,679 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 2010 was \$75,422.

**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 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)

ASSOCIATION OF AMERICAN RAILROADS

JUNE 17, 2011

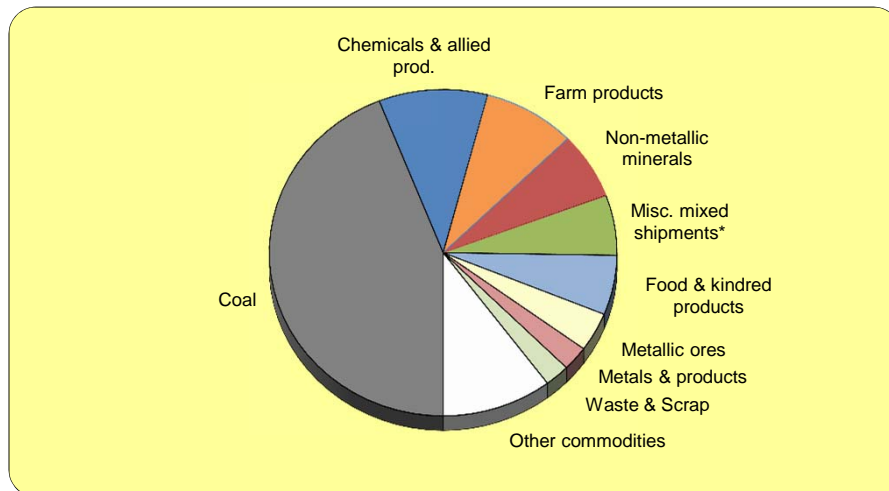
## Type of Freight Carried for Year 2010

Commodity Group	Tons Originated		Gross Revenue**	
	(000)	% of Total	(million)	% of Total
Coal	814,467	44.0 %	\$13,914	24.2 %
Chemicals & allied prod.	187,388	10.1	8,178	14.2
Farm products	158,705	8.6	5,281	9.2
Non-metallic minerals	122,525	6.6	1,817	3.2
Misc. mixed shipments*	109,895	5.9	7,121	12.4
Food & kindred products	109,320	5.9	4,794	8.3
Metallic ores	71,446	3.9	605	1.1
Metals & products	45,028	2.4	2,081	3.6
Waste & scrap materials	42,673	2.3	1,206	2.1
Petroleum & coke	42,369	2.3	1,771	3.1
Stone, clay & glass prod.	39,831	2.2	1,424	2.5
Pulp, paper & allied prod.	30,558	1.7	1,883	3.3
Lumber & wood products	24,616	1.3	1,252	2.2
Motor vehicles & equip.	21,353	1.2	3,402	5.9
All other commodities	30,822	1.7	2,708	4.7
<b>Total</b>	<b>1,850,996</b>	<b>100.0 %</b>	<b>\$57,438</b>	<b>100.0 %</b>

\* 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.

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

## 2010 Class I Railroad Tons Originated

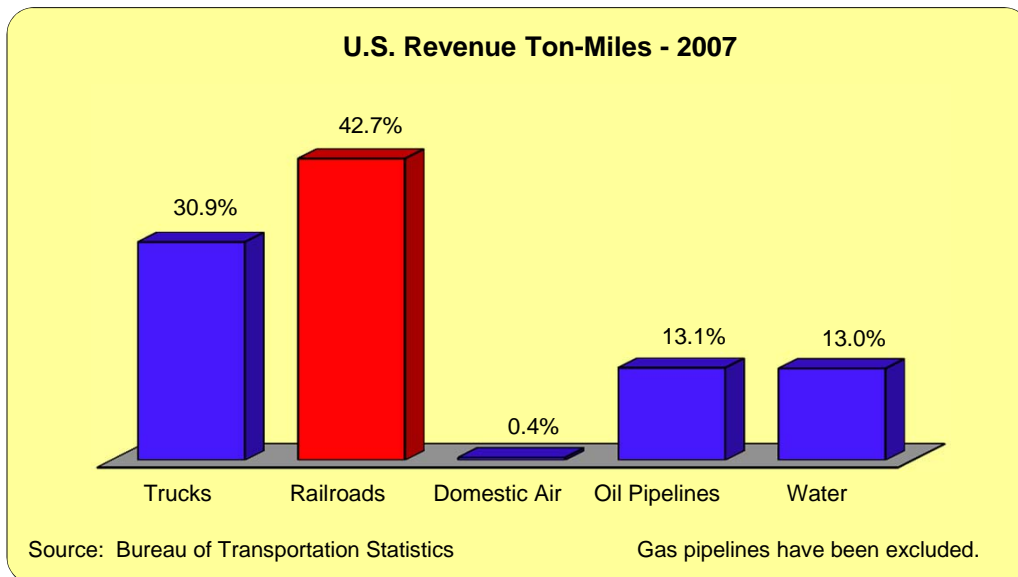


# U.S. Freight Railroad Statistics

ASSOCIATION OF AMERICAN RAILROADS

JUNE 17, 2011

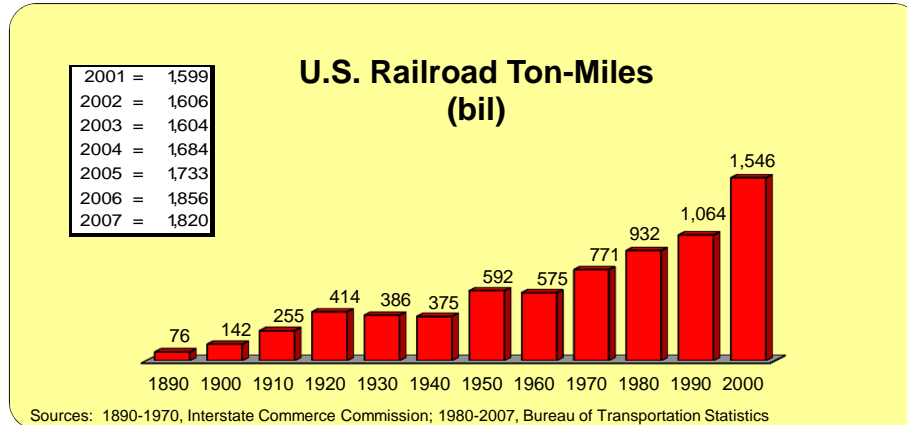
	2008	2009
<b>Number of Railroads</b>	565	563
<b>Operating Statistics</b>		
Miles of Road Operated Less Trackage Rights	139,326	139,118
Miles of Road Operated in the U.S.	169,389	169,082
Freight Cars in Service, U.S. Railroad Owned*	559,784	524,413
Freight Cars in Service, All U.S. Owners*	1,392,972	1,363,433
* U.S. owned only, excludes Canadian-owned railroads operating in the U.S., excludes railroad-owned TTX.		
<b>Employment</b>		
Number of Employees	183,743	169,891
Average Wages	\$71,303	\$70,750
Average Compensation Including Benefits	\$98,500	\$97,310
<b>Traffic</b>		
Carloads Originated (million)	34.89	29.79
Ton-miles (trillion) <small>from Bureau of Transportation Statistics</small>	not yet available	not yet available
Railroad Modal Share for Ton-Miles	not yet available	not yet available
<b>Financial</b>		
Freight Revenue (billion)	\$63.4	\$49.4



# U.S. Freight Railroad Statistics (continued)

ASSOCIATION OF AMERICAN RAILROADS

NOVEMBER 23, 2010



## 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 139,535 miles, including 139,118 in the United States. Canadian railroads have an additional 561 miles in the U.S., making the U.S. network a total of 139,679 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

# North American Freight Railroad Statistics

ASSOCIATION OF AMERICAN RAILROADS

NOVEMBER 8, 2011

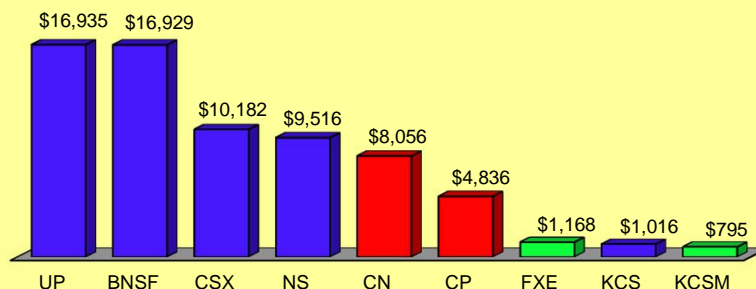
## North American Railroads

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.

	2008	2009
<b>Resources</b>		
Miles of Road Operated Less Trackage Rights	168,628	168,469
Miles of Road Operated	202,534	202,191
Freight Cars in Service, Railroad	728,617	683,291
Freight Cars in Service, All Owners	1,604,691	1,565,218
<b>Employment</b>		
Number of Employees	224,464	208,943
<b>Traffic</b>		
Carloads Originated* (million)	40.57	34.56
<b>Financial</b>		
Freight Revenue (billion)	\$74.9	\$58.8

n.a. - not yet available    r - revised    \* - includes intermodal

**Major North American Railroads By 2010 Operating Revenue  
(million U.S. dollars)**



# North American Freight Railroad Statistics (continued)

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## 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 in Service in North America January 1, 2011

	Total All Owners	Railroads		Car Companies & Shippers
		Class I*	Other	
Canada	159,430	118,988	4,199	36,243
Mexico	35,623	23,097	5,240	7,286
United States	1,309,029	397,730	101,755	809,544
<b>Total</b>	<b>1,504,082</b>	<b>539,815</b>	<b>111,194</b>	<b>853,073</b>

\* 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.