## **Class I Railroad Statistics**

ASSOCIATION OF AMERICAN RAILROADS

MAY 24, 2010

#### U.S. Class I Railroads

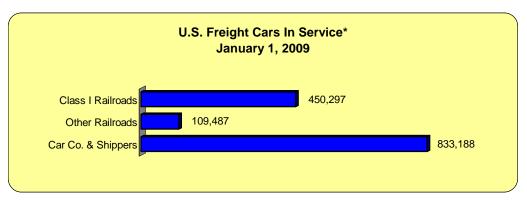
U.S. Class I Railroads are line haul freight railroads with 2008 operating revenue in excess of \$401.4 million. Two Canadian railroads, CN and Canadian Pacific, have enough revenue that they would be U.S. Class I railroads if they were U.S. companies. Both companies also own railroads in the United 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.

Number of Railroads	<b>2008</b> 7	<b>2009p</b>
Named of Namedae	,	,
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-r	miles per track mile pe	er year.

### **Employment**

n.y.a. - Not yet available

Number of Employees	164,439	151,906
Average Wages	\$72,836	\$72,153
Average Total Compensation Including Benefits	\$100,876	\$103,214



<sup>\*</sup> 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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	2007	2008	2009p
Traffic			
Carloads Originated (million) Intermodal Units (million):	31.46	30.62	26.01
Containers	9.43	9.02	8.24
Trailers	2.60	2.48	1.64
Total	12.03	11.50 r	9.88
Tons Originated (billion)	1.940	1.934	1.668
Ton-miles (trillion)	1.771	1.777	1.532
Operating Statistics			
Freight Revenue Per Ton-Mile	2.990¢	3.343¢	3.011¢
Average Tons Per Carload	61.7	63.1	64.1
Average Tons Per Train	3,274	3,414	3,546
Average Length of Haul (miles)	912.8	919.1	918.5
Financial			
Freight Revenue (billion)	\$52.9	\$59.4	\$46.1
Operating Revenue (billion)	\$54.6	\$61.2	\$47.8
Operating Expense (billion)	\$42.7	\$47.3	\$37.2
Net Income (billion)	\$6.8	\$8.1	\$6.4
Operating Ratio	78.3%	77.3%	77.8%
Return on Average Equity	11.49%	13.26%	9.79%

n.y.a. = not yet available 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 (continued)

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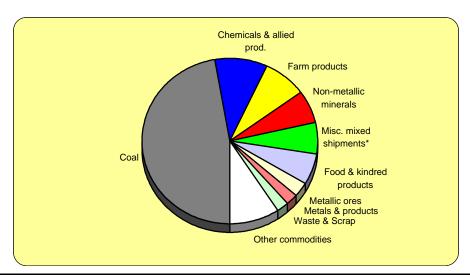
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### Type of Freight Carried for Year 2009

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

<sup>\*</sup> 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.

### 2009 Class I Railroad Tons Originated



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

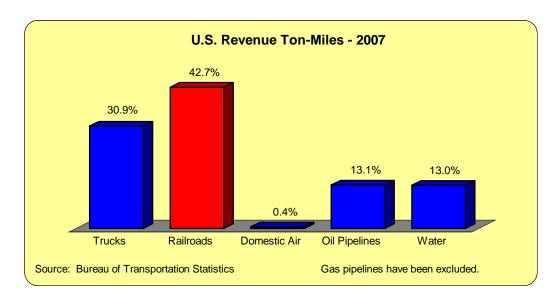
# **U.S. Freight Railroad Statistics**

ASSOCIATION OF AMERICAN RAILROADS

APRIL 12, 2010

	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* Freight Cars in Service, All U.S. Owners*	580,635 1,385,709	559,784 1,392,972
* U.S. owned only, excludes Canadian-owned railroads operating in the U.S., excludes ra		.,
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

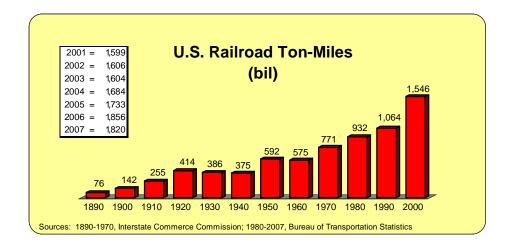
r - revised



## U.S. Freight Railroad Statistics (continued)

ASSOCIATION OF AMERICAN RAILROADS

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#### **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**

ASSOCIATION OF AMERICAN RAILROADS

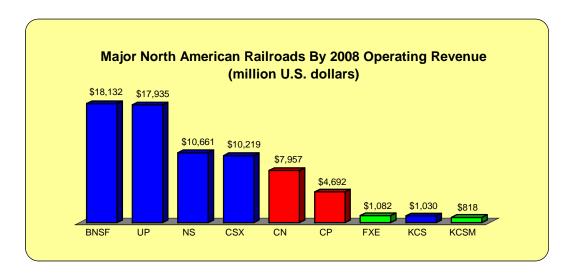
APRIL 12, 2010

#### **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	2008
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 Number of Employees	226,608	224,464
Traffic		
Carloads Originated* (million)	41.75	40.57
Tons Originated (billion)	2.58	n.a.
Ton-miles (trillion)	2.10	n.a.
Financial		
Freight Revenue (billion)	\$67.4	\$74.9

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



# North American Freight Railroad Statistics (continued)

ASSOCIATION OF AMERICAN RAILROADS

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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, 2009

	Total	Railroa	ds	Car 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

<sup>\*</sup> 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.