



# Host Railroad Report

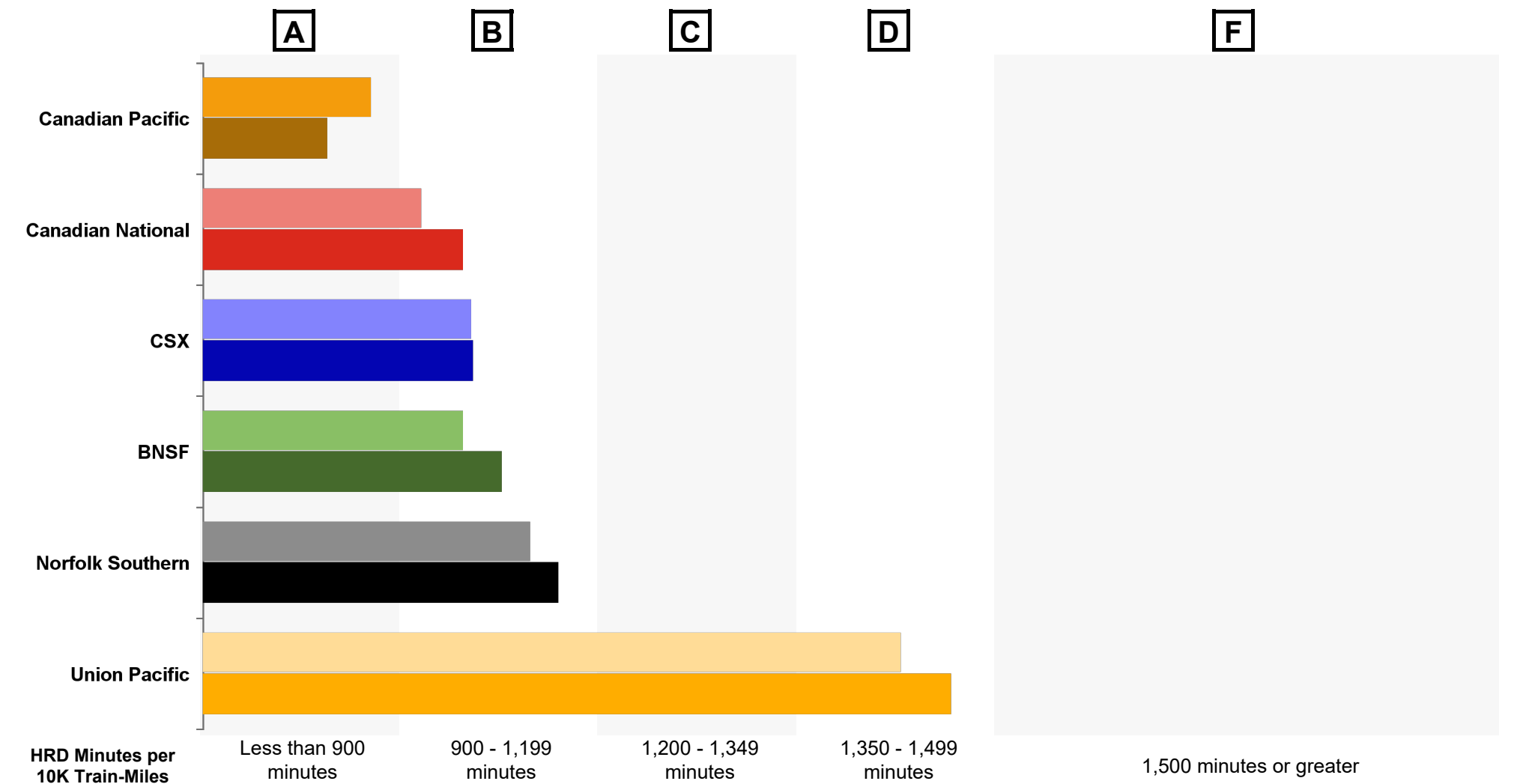
**Amtrak Train Performance on Host Railroads**

**Data through July 2023**

# Host Railroad Report Card Update

## Current Month and 1 Year Snapshot

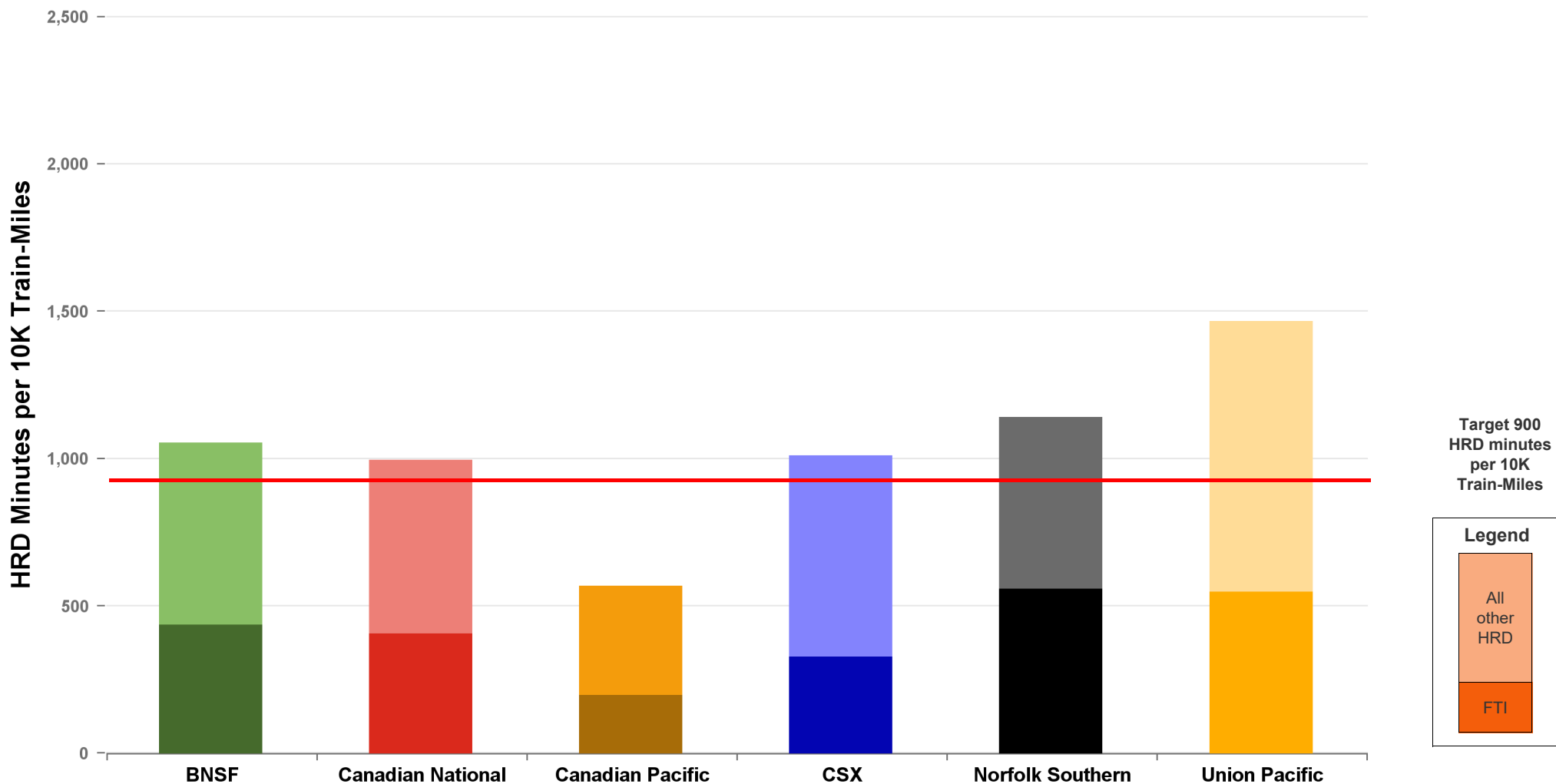
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



# Total Host-Responsible Delays

## 1 Year Snapshot

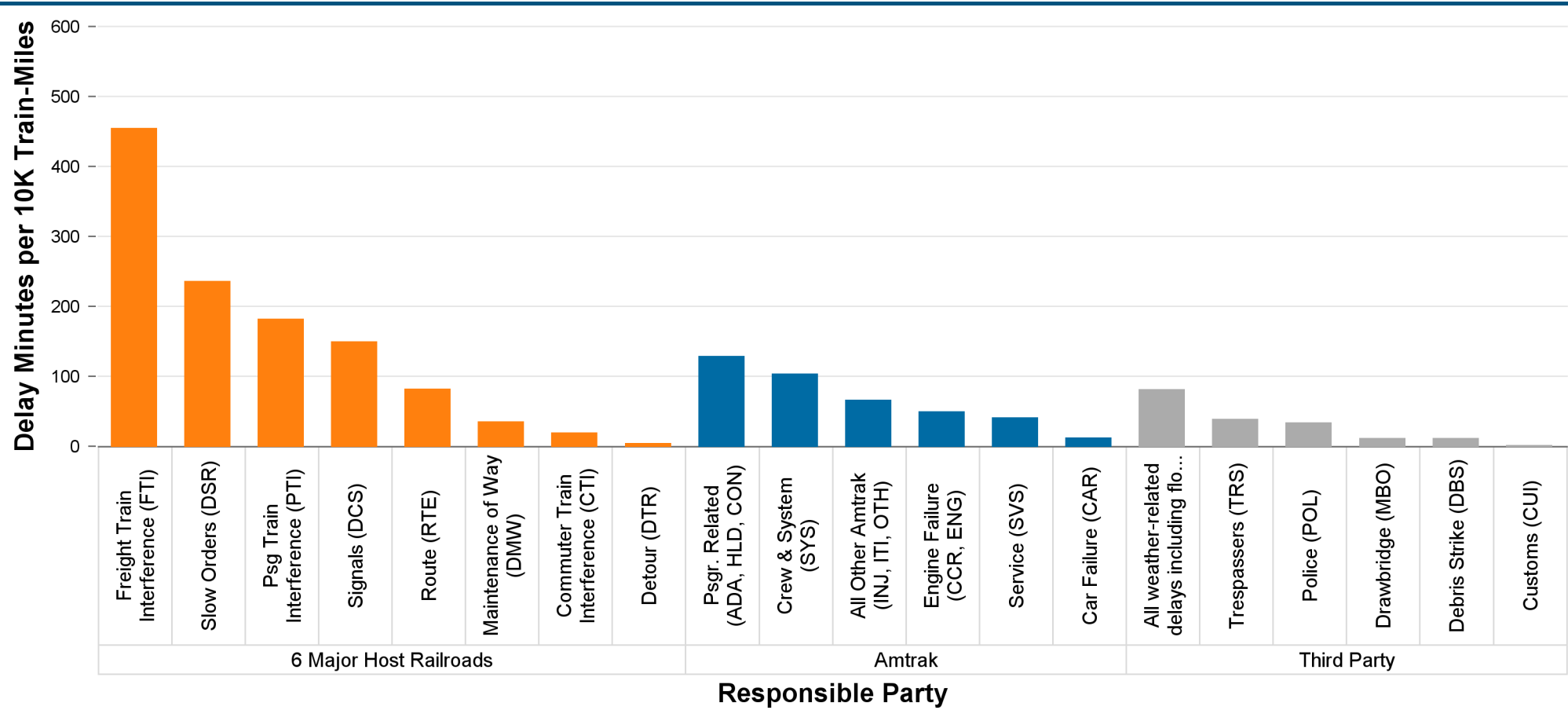
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



# Delays to Amtrak Trains by Responsible Party

## 1 Year Snapshot

Delay minutes per 10,000 train-miles on the six major host railroads categorized by delay type and responsible party.

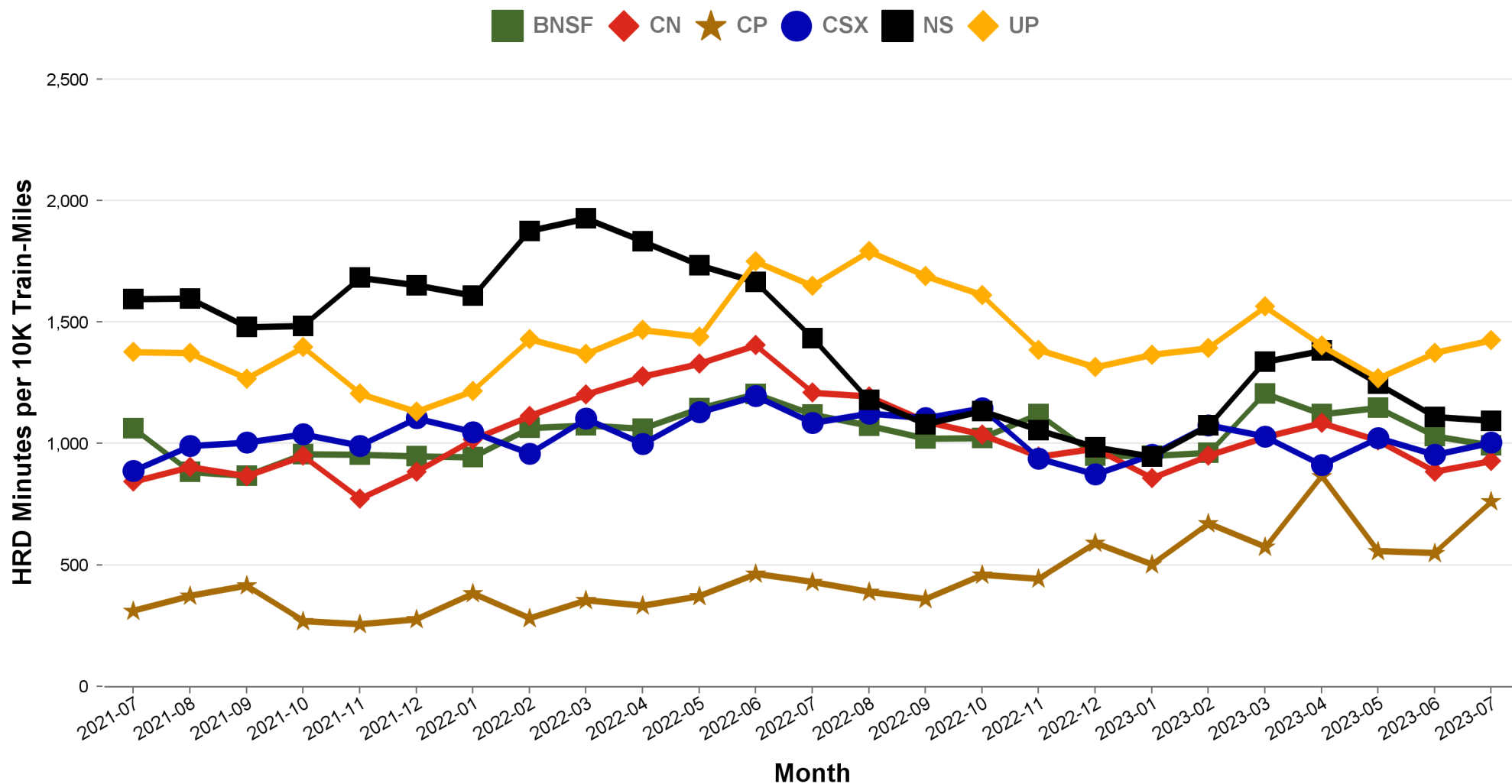


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1146	385	168
Percentage of Total Delays	67.4%	22.7%	9.9%

# Total Host-Responsible Delays

## 2 Year Snapshot

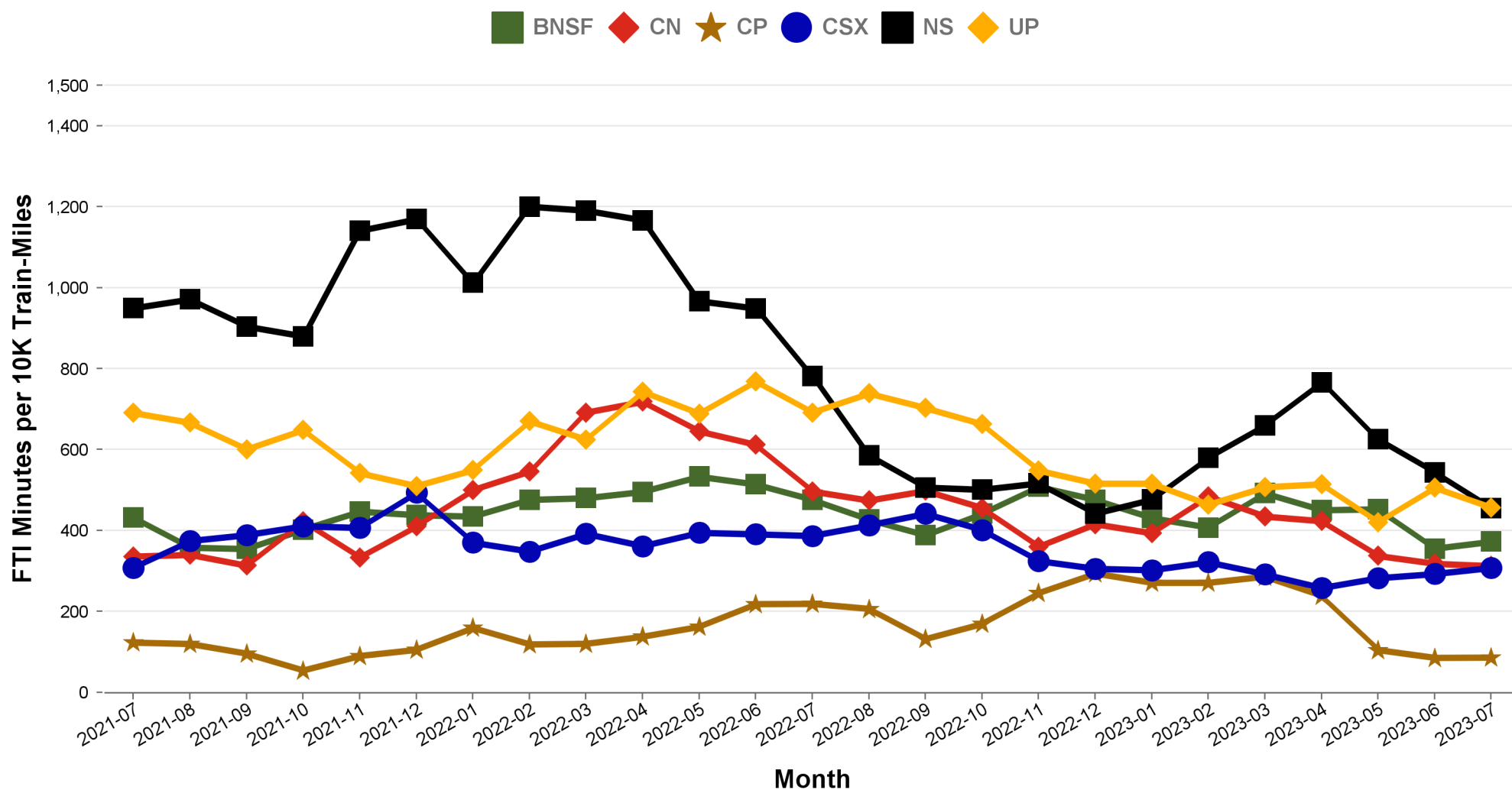
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



# Freight Train Interference Delays

## 2 Year Snapshot

Total delay minutes per 10,000 train-miles attributable to freight train interference (FTI) incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



Minutes of Delay per 10K Train Miles by Host for July 2023

Host	Service	Total Host Responsible Delays		Largest Two Delay Categories - Current Month				Route Miles
		Current Month	Most Recent 12 Months	#1		#2		
Target		900	900					
BNSF	California Zephyr	843	1005	DSR	371	FTI	227	1027
	Carl Sandburg / Illinois Zephyr	749	827	FTI	379	CTI	100	257
	Cascades	881	1289	DSR	237	FTI	221	317
	Coast Starlight	706	1143	RTE	208	PTI	151	158
	Empire Builder	834	930	FTI	439	DSR	201	2147
	Heartland Flyer	1211	2038	DSR	807	FTI	200	236
	Pacific Surfliner	868	1179	DCS	326	FTI	192	22
	San Joaquins	1515	1328	FTI	588	PTI	451	284
	Southwest Chief	917	804	FTI	330	DSR	249	2206
	Sunset Ltd	1853	1301	DSR	582	DCS	469	190
	Texas Eagle	921	1356	DSR	452	FTI	357	116
CN	Adirondack	-	6668		-		-	49
	Blue Water	907	626	FTI	436	DSR	346	159
	City Of New Orleans	729	906	DSR	220	FTI	211	930
	Illini / Saluki	986	807	DSR	413	PTI	230	304
	Lincoln Service	1243	1758	FTI	785	DCS	207	35
	Lincoln / Missouri	1835	2532	FTI	1228	DSR	272	35
	Texas Eagle	1759	1885	FTI	1613	DCS	113	35
	Wolverine	1475	1583	DCS	569	FTI	418	27
CP	Adirondack	755	826	PTI	666	DCS	30	178
	Empire Builder	974	773	DSR	373	DTR	196	384
	Ethan Allen Express	246	928	RTE	157	DCS	62	60
	Hiawatha	615	267	DSR	316	DCS	134	53
CSX	Auto Train	1050	1243	DSR	347	FTI	329	898
	Capitol Ltd	790	691	RTE	307	FTI	223	307
	Cardinal	932	864	FTI	461	DSR	224	703
	Carolinian	1396	1346	FTI	329	RTE	308	295
	Lake Shore Ltd	865	765	FTI	361	DSR	146	741
	Maple Leaf	795	788	FTI	394	RTE	135	298
	New York - Niagara Falls	639	695	FTI	335	RTE	128	296
	Palmetto	1123	1087	FTI	459	PTI	255	659
	Pere Marquette	234	181	DSR	101	FTI	66	135
	Richmond / Newport News / Norfolk	1530	1348	DSR	331	RTE	252	189
	Silver Meteor	873	920	FTI	272	DSR	191	1152
	Silver Star	938	988	PTI	284	DSR	236	1209
NS	Blue Water	1696	2504	FTI	987	DSR	352	39
	Capitol Ltd	1106	1341	FTI	611	RTE	143	481
	Cardinal	1274	1746	PTI	679	DSR	177	79
	Carolinian	760	764	PTI	216	DSR	195	202
	Crescent	1442	1424	FTI	699	DSR	226	1141
	Lake Shore Ltd	1121	1153	FTI	484	PTI	223	339
	Pennsylvanian	794	834	FTI	466	RTE	219	249
	Pere Marquette	1202	1492	FTI	390	DSR	344	39
	Piedmont	713	762	PTI	263	FTI	173	173
	Richmond / Newport News / Norfolk	993	766	DSR	519	DCS	198	81
	Roanoke	903	755	FTI	293	PTI	280	216
	Silver Star	563	618	DCS	186	DSR	168	28
	Wolverine	1840	2300	FTI	780	DSR	327	39
	UP	California Zephyr	1677	1573	FTI	669	DSR	469
Capitol Corridor		788	760	PTI	289	DSR	165	171
Cascades		1439	1679	DSR	503	PTI	422	125
Coast Starlight		1625	1600	DSR	498	FTI	433	1162
Lincoln Service		1028	987	FTI	345	PTI	305	231
Lincoln / Missouri		1036	1307	FTI	278	DSR	251	502
Missouri		932	1292	FTI	357	DSR	229	271
Pacific Surfliner		2516	2400	DCS	1267	PTI	660	174
San Joaquins		1538	1388	PTI	596	FTI	351	88
Sunset Ltd		1575	1784	FTI	854	DSR	331	1784
Texas Eagle		1594	1788	FTI	885	DSR	336	1073

Minutes of Delay per 10K Train Miles by Host for July 2023

Host	Service	Total Host Responsible Delays		Largest Two Delay Categories - Current Month				Route Miles
		Current Month	Most Recent 12 Months	#1		#2		
Target		900	900					
Amtrak	Adirondack	453	393	PTI	187	DCS	155	100
	Blue Water	980	428	DSR	727	DCS	121	99
	Ethan Allen Express	237	352	PTI	100	DCS	76	100
	Maple Leaf	375	419	DCS	145	RTE	80	109
	New York - Albany	294	219	PTI	115	DCS	53	81
	New York - Niagara Falls	433	397	PTI	160	DSR	78	109
	Wolverine	1211	616	DSR	791	PTI	242	99
BBrRR	Cardinal	1455	1432	PTI	503	DSR	489	132
Fla DOT	Silver Meteor	1187	812	CTI	482	DCS	381	68
	Silver Star	1440	884	CTI	1078	DCS	162	68
FR	Auto Train	2118	5630	DSR	1098	CTI	336	16
	Silver Meteor	3632	3821	DSR	1339	CTI	1196	61
	Silver Star	2173	2688	DSR	1352	CTI	500	61
MADOT	Springfield Shuttles	963	809	DCS	426	DSR	183	36
	Vermonter	1263	496	DSR	494	PTI	370	50
MBTA	Downeaster	1210	1176	CTI	598	DCS	409	38
Metra	Empire Builder	4000	2437	CTI	2377	DSR	382	29
	Hiawatha	2794	2094	CTI	1252	DSR	808	29
MIDOT	Blue Water	1738	493	PTI	1628	DCS	88	22
	Wolverine	567	722	PTI	465	DCS	45	134
MNRR	Adirondack	2556	1703	CTI	1416	DSR	468	64
	Ethan Allen Express	1946	1137	CTI	1060	DSR	504	64
	Lake Shore Ltd	2058	1432	CTI	768	DSR	460	64
	Maple Leaf	1586	1083	CTI	796	RTE	383	64
	New York - Albany	1992	1303	CTI	1049	RTE	381	64
	New York - Niagara Falls	2942	1793	CTI	1796	RTE	313	64
	Richmond / Newport News / Norfolk	2436	1955	DSR	1317	CTI	838	56
	Vermonter	3208	2960	DSR	2020	CTI	887	56
NECR	Vermonter	2865	1435	DSR	2821	DCS	38	192
NMDOT	Southwest Chief	2712	2095	CTI	1934	DSR	318	80
PanAm	Downeaster	900	786	PTI	467	DCS	314	107
SCRRA	Coast Starlight	1148	1373	PTI	707	CTI	189	48
	Pacific Surfliner	825	1118	PTI	311	CTI	290	95
SDNRR	Pacific Surfliner	1144	1086	CTI	483	PTI	478	60
Sunder	Cascades	589	813	PTI	294	CTI	123	20
	Coast Starlight	2098	2075	PTI	1402	CTI	451	20
TRE	Texas Eagle	1530	1084	CTI	549	RTE	495	33
VTR	Ethan Allen Express	367	635	DSR	254	RTE	71	24

The numbers included in this document are preliminary and are for informational purposes only.  
Excludes hosts with fewer than 15 route miles.  
Delays on the Amtrak-owned portion of the Northeast Corridor are shown in a separate report, with tighter delay standards.  
Northeast Regional: Roanoke includes all trains between Roanoke and points on the NEC; Richmond / Newport News / Norfolk includes all trains between these locations and points on the NEC.





Minutes of Delay per 10K Train Miles by Service for July 2023

Service		Host	Total Host Responsible Delays		Largest Two Delay Categories - Current Month				Route Miles
			Current Month	Most Recent 12 Months	#1		#2		
Target			900	900					
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1530	1348	DSR	331	RTE	252	189
		NS	993	766	DSR	519	DCS	198	81
		MNRR	2436	1955	DSR	1317	CTI	838	56
	Roanoke	NS	903	755	FTI	293	PTI	280	216
	Springfield Shuttles	MADOT	963	809	DCS	426	DSR	183	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	788	760	PTI	289	DSR	165	171
Carolinian		CSX	1396	1346	FTI	329	RTE	308	295
		NS	760	764	PTI	216	DSR	195	202
Cascades		BNSF	881	1289	DSR	237	FTI	221	317
		UP	1439	1679	DSR	503	PTI	422	125
		Sounder	589	813	PTI	294	CTI	123	20
Downeaster		MBTA	1210	1176	CTI	598	DCS	409	38
		PanAm	900	786	PTI	467	DCS	314	107
Empire	Adirondack	CN	-	6668		-		-	49
		CP	755	826	PTI	666	DCS	30	178
		Amtrak	453	393	PTI	187	DCS	155	100
		MNRR	2556	1703	CTI	1416	DSR	468	64
	Ethan Allen Express	CP	246	928	RTE	157	DCS	62	60
		Amtrak	237	352	PTI	100	DCS	76	100
		MNRR	1946	1137	CTI	1060	DSR	504	64
		VTR	367	635	DSR	254	RTE	71	24
	Maple Leaf	CSX	795	788	FTI	394	RTE	135	298
		Amtrak	375	419	DCS	145	RTE	80	109
		MNRR	1586	1083	CTI	796	RTE	383	64
	New York - Albany	Amtrak	294	219	PTI	115	DCS	53	81
		MNRR	1992	1303	CTI	1049	RTE	381	64
	New York - Niagara Falls	CSX	639	695	FTI	335	RTE	128	296
		Amtrak	433	397	PTI	160	DSR	78	109
		MNRR	2942	1793	CTI	1796	RTE	313	64
Heartland Flyer		BNSF	1211	2038	DSR	807	FTI	200	236
Hiawatha		CP	615	267	DSR	316	DCS	134	53
		Metra	2794	2094	CTI	1252	DSR	808	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	749	827	FTI	379	CTI	100	257
	Illini / Saluki	CN	986	807	DSR	413	PTI	230	304
	Lincoln Service	CN	1243	1758	FTI	785	DCS	207	35
		UP	1028	987	FTI	345	PTI	305	231
Lincoln / Missouri		CN	1835	2532	FTI	1228	DSR	272	35
		UP	1036	1307	FTI	278	DSR	251	502
Michigan	Blue Water	CN	907	626	FTI	436	DSR	346	159
		NS	1696	2504	FTI	987	DSR	352	39
		Amtrak	980	428	DSR	727	DCS	121	99
		MIDOT	1738	493	PTI	1628	DCS	88	22
	Pere Marquette	CSX	234	181	DSR	101	FTI	66	135
		NS	1202	1492	FTI	390	DSR	344	39
	Wolverine	CN	1475	1583	DCS	569	FTI	418	27
		NS	1840	2300	FTI	780	DSR	327	39
		Amtrak	1211	616	DSR	791	PTI	242	99
		MIDOT	567	722	PTI	465	DCS	45	134
Missouri		UP	932	1292	FTI	357	DSR	229	271
Pacific Surfliner		BNSF	868	1179	DCS	326	FTI	192	22
		UP	2516	2400	DCS	1267	PTI	660	174
		SCRRA	825	1118	PTI	311	CTI	290	95
		SDNRR	1144	1086	CTI	483	PTI	478	60
Pennsylvanian		NS	794	834	FTI	466	RTE	219	249
Piedmont		NS	713	762	PTI	263	FTI	173	173
San Joaquins		BNSF	1515	1328	FTI	588	PTI	451	284
		UP	1538	1388	PTI	596	FTI	351	88
Vermonter		MADOT	1263	496	DSR	494	PTI	370	50
		MNRR	3208	2960	DSR	2020	CTI	887	56
		NECR	2865	1435	DSR	2821	DCS	38	192

Minutes of Delay per 10K Train Miles by Service for July 2023

Service	Host	Total Host Responsible Delays		Largest Two Delay Categories - Current Month				Route Miles
		Current Month	Most Recent 12 Months	#1		#2		
Target		900	900					
Long-Distance Routes								
Auto Train	CSX FR	1050 2118	1243 5630	DSR DSR	347 1098	FTI CTI	329 336	898 16
California Zephyr	BNSF UP	843 1677	1005 1573	DSR FTI	371 669	FTI DSR	227 469	1027 1381
Capitol Ltd	CSX NS	790 1106	691 1341	RTE FTI	307 611	FTI RTE	223 143	307 481
Cardinal	CSX NS BBrRR	932 1274 1455	864 1746 1432	FTI PTI PTI	461 679 503	DSR DSR DSR	224 177 489	703 79 132
City Of New Orleans	CN	729	906	DSR	220	FTI	211	930
Coast Starlight	BNSF UP SCRRA Sounder	706 1625 1148 2098	1143 1600 1373 2075	RTE DSR PTI PTI	208 498 707 1402	PTI FTI CTI CTI	151 433 189 451	158 1162 48 20
Crescent	NS	1442	1424	FTI	699	DSR	226	1141
Empire Builder	BNSF CP Metra	834 974 4000	930 773 2437	FTI DSR CTI	439 373 2377	DSR DTR DSR	201 196 382	2147 384 29
Lake Shore Ltd	CSX NS MNRR	865 1121 2058	765 1153 1432	FTI FTI CTI	361 484 768	DSR PTI DSR	146 223 460	741 339 64
Palmetto	CSX	1123	1087	FTI	459	PTI	255	659
Silver Meteor	CSX Fla DOT FR	873 1187 3632	920 812 3821	FTI CTI DSR	272 482 1339	DSR DCS CTI	191 381 1196	1152 68 61
Silver Star	CSX NS Fla DOT FR	938 563 1440 2173	988 618 884 2688	PTI DCS CTI DSR	284 186 1078 1352	DSR DSR DCS CTI	236 168 162 500	1209 28 68 61
Southwest Chief	BNSF NMDOT	917 2712	804 2095	FTI CTI	330 1934	DSR DSR	249 318	2206 80
Sunset Ltd	BNSF UP	1853 1575	1301 1784	DSR FTI	582 854	DCS DSR	469 331	190 1784
Texas Eagle	BNSF CN UP TRE	921 1759 1594 1530	1356 1885 1788 1084	DSR FTI FTI CTI	452 1613 885 549	FTI DCS DSR RTE	357 113 336 495	116 35 1073 33

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Service	All-Stations OTP		Customer OTP		Avg Mins Late per Late Rider**	
	Current Month	Most Recent 12 Months	Current Month	Most Recent 12 Months	Current Month	Most Recent 12 Months
Amtrak System	67.7%	74.4%	65.2%	74.2%	64	59
NEC Corridor Routes	73.6%	84.9%	67.5%	80.2%	53	44
Minimum Standard			80.0%	80.0%		
Acela*	75.6%	85.9%	70.7%	82.4%	41	34
Keystone	92.7%	95.3%	91.4%	94.3%	52	43
Northeast Regional	66.2%	80.6%	61.4%	76.4%	56	47
On Spine Northeast Regional	73.4%	84.7%	68.7%	81.0%	52	44
Richmond / Newport News / Norfolk	55.3%	75.0%	51.3%	71.5%	57	47
Roanoke	61.5%	76.5%	56.2%	71.8%	65	53
Springfield Shuttles	76.6%	88.0%	77.9%	86.7%	51	42
Non-NEC Corridor Routes	74.7%	77.9%	69.8%	74.5%	47	45
Minimum Standard			80.0%	80.0%		
Capitol Corridor	86.7%	88.1%	80.5%	83.4%	43	38
Carolinian	42.3%	63.4%	39.3%	62.0%	75	55
Cascades	72.8%	66.8%	68.0%	59.6%	42	43
Downeaster	81.1%	87.1%	68.1%	80.4%	32	35
Empire	62.1%	80.5%	65.9%	79.6%	41	42
Adirondack	27.9%	64.3%	55.7%	70.7%	36	45
Berkshire Flyer	46.7%	52.0%	49.8%	50.0%	47	42
Ethan Allen Express	66.9%	80.1%	68.1%	75.1%	35	42
Maple Leaf	54.1%	74.0%	55.4%	75.0%	54	51
New York - Albany	75.4%	89.3%	74.6%	85.7%	35	38
New York - Niagara Falls	69.6%	78.9%	59.8%	74.7%	40	43
Heartland Flyer	81.9%	63.2%	84.3%	56.9%	38	47
Hiawatha	82.4%	90.7%	75.6%	87.6%	34	37
Illinois	76.7%	74.3%	72.7%	72.3%	54	48
Carl Sandburg / Illinois Zephyr	81.6%	77.1%	78.5%	77.2%	47	42
Illini / Saluki	74.3%	70.0%	71.4%	69.4%	61	46
Lincoln Service	75.2%	75.3%	71.7%	72.9%	51	51
Lincoln / Missouri	57.3%	55.7%	54.9%	53.3%	52	56
Michigan	76.8%	73.1%	69.6%	70.8%	54	56
Blue Water	68.2%	73.5%	53.1%	66.2%	48	54
Pere Marquette	90.3%	90.5%	85.5%	88.0%	44	48
Wolverine	77.5%	70.6%	73.0%	68.9%	59	57
Missouri	72.9%	64.5%	65.8%	59.1%	68	50
Pacific Surfliner	83.2%	78.3%	80.1%	79.0%	47	42
Pennsylvanian	82.2%	77.0%	82.9%	78.5%	72	42
Piedmont	84.2%	78.6%	75.6%	67.6%	32	41
San Joaquins	66.3%	71.2%	60.0%	65.2%	44	42
Vermonteer	41.5%	71.9%	56.5%	75.2%	55	47
Long-Distance Routes	40.6%	48.1%	44.9%	51.3%	112	101
Minimum Standard			80.0%	80.0%		
Auto Train	87.9%	68.6%	78.8%	56.2%	51	111
California Zephyr	18.0%	24.2%	14.8%	24.4%	172	151
Capitol Ltd	49.1%	60.7%	60.9%	62.5%	65	68
Cardinal	44.6%	52.7%	48.8%	52.9%	131	75
City Of New Orleans	62.2%	63.1%	73.6%	73.8%	90	85
Coast Starlight	46.4%	48.8%	50.5%	52.0%	75	93
Crescent	44.4%	55.6%	46.2%	57.3%	98	78
Empire Builder	34.4%	42.5%	37.6%	46.1%	161	143
Lake Shore Ltd	58.4%	69.8%	57.2%	69.7%	66	59
Palmetto	46.0%	66.9%	45.1%	67.4%	73	56
Silver Meteor	36.7%	50.2%	33.1%	48.7%	96	71
Silver Star	40.5%	43.4%	38.9%	41.8%	92	78
Southwest Chief	22.9%	35.5%	17.4%	31.8%	154	120
Sunset Ltd	30.6%	24.7%	34.3%	31.0%	106	123
Texas Eagle	49.6%	48.1%	53.6%	51.5%	84	102

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\* Acela on-time performance target is 90.0%

\*\* Excludes on-time Customers



Host Railroad Responsible Delays

Code	Code Description	Explanation
CTI	Commuter Train Interference	Delays for meeting or following commuter trains
DCS	Signal Delays	Signal failure or All Other signal delays, wayside defect-detector false-alarms, defective road crossing protection, efficiency tests, drawbridge stuck open
DMW	Maintenance of Way	Maintenance of Way delays including holds for track repairs or MW foreman to clear
DSR	Slow Order Delays	Temporary slow orders, except heat or cold orders
DTR	Detour	Delays from detours
FTI	Freight Train Interference	Delays from freight trains
PTI	Passenger Train Interference	Delays for meeting or following All Other passenger trains
RTE	Routing	Routing-dispatching delays including diversions, late track bulletins, etc.

Amtrak Responsible Delays

Code	Code Description	Explanation
ADA	Passenger Related	All delays related to disabled passengers, wheel chair lifts, guide dogs, etc.
CAR	Car Failure	Mechanical failure on all types of cars
CCR	Cab Car Failure	Mechanical failure on Cab Cars
CON	Hold for Connection	Holding for connections from All Other trains or buses.
ENG	Locomotive Failure	Mechanical failure on engines.
HLD	Passenger Related	All delays related to passengers, checked-baggage, large groups, etc.
INJ	Injury Delay	Delay due to injured passengers or employees.
ITI	Initial Terminal Delay	Delay at initial terminal due to late arriving inbound trains causing late release of equipment.
OTH	Miscellaneous Delays	Lost-on-run, heavy trains, unable to make normal speed, etc.
SVS	Servicing	All switching and servicing delays
SYS	Crew & System	Delays related to crews including lateness, lone-engineer delays

Third-Party Delays

Code	Code Description	Explanation
CUI	Customs	U.S. and Canadian customs delays; Immigration-related delays
DBS	Debris	Debris strikes
MBO	Drawbridge Openings	Movable bridge openings for marine traffic where no bridge failure is involved
NOD	Unused Recovery Time	Wait for departure time
POL	Police-Related	Police/fire department holds on right-of-way or on-board trains
TRS	Trespassers	Trespasser incidents including road crossing accidents, trespasser / animal strikes, vehicle stuck on track ahead, bridge strikes
WTR	Weather-Related	All weather-related delays including floods/washouts, earthquake-related delays, heat or cold orders, slippery rail due to leaves

\*These delay codes are applicable to Off-NEC routes only.