



Host Railroad Report

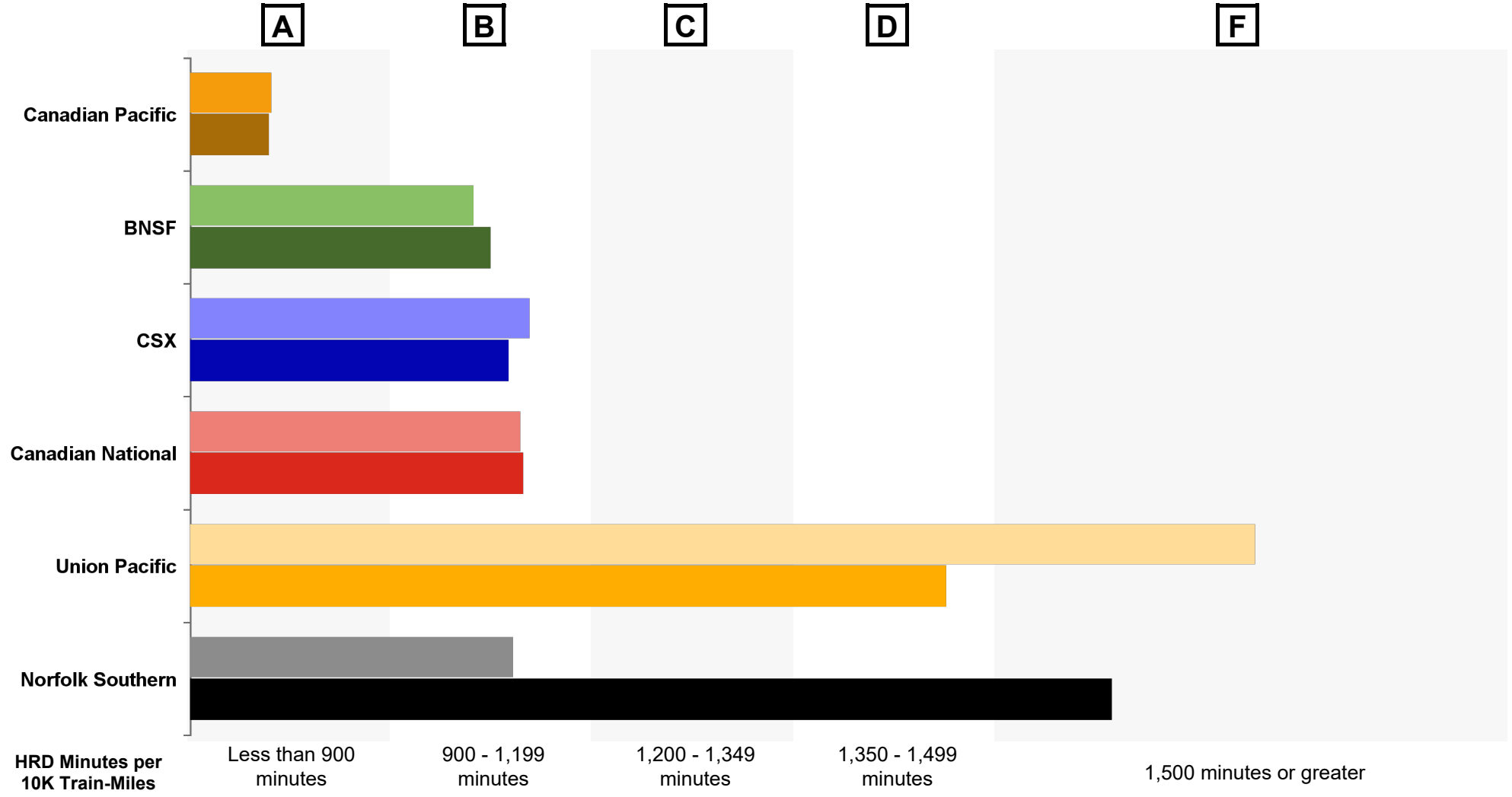
Amtrak Train Performance on Host Railroads

Data through September 2022

Host Railroad Report Card Update

Current Month and 1 Year Snapshot

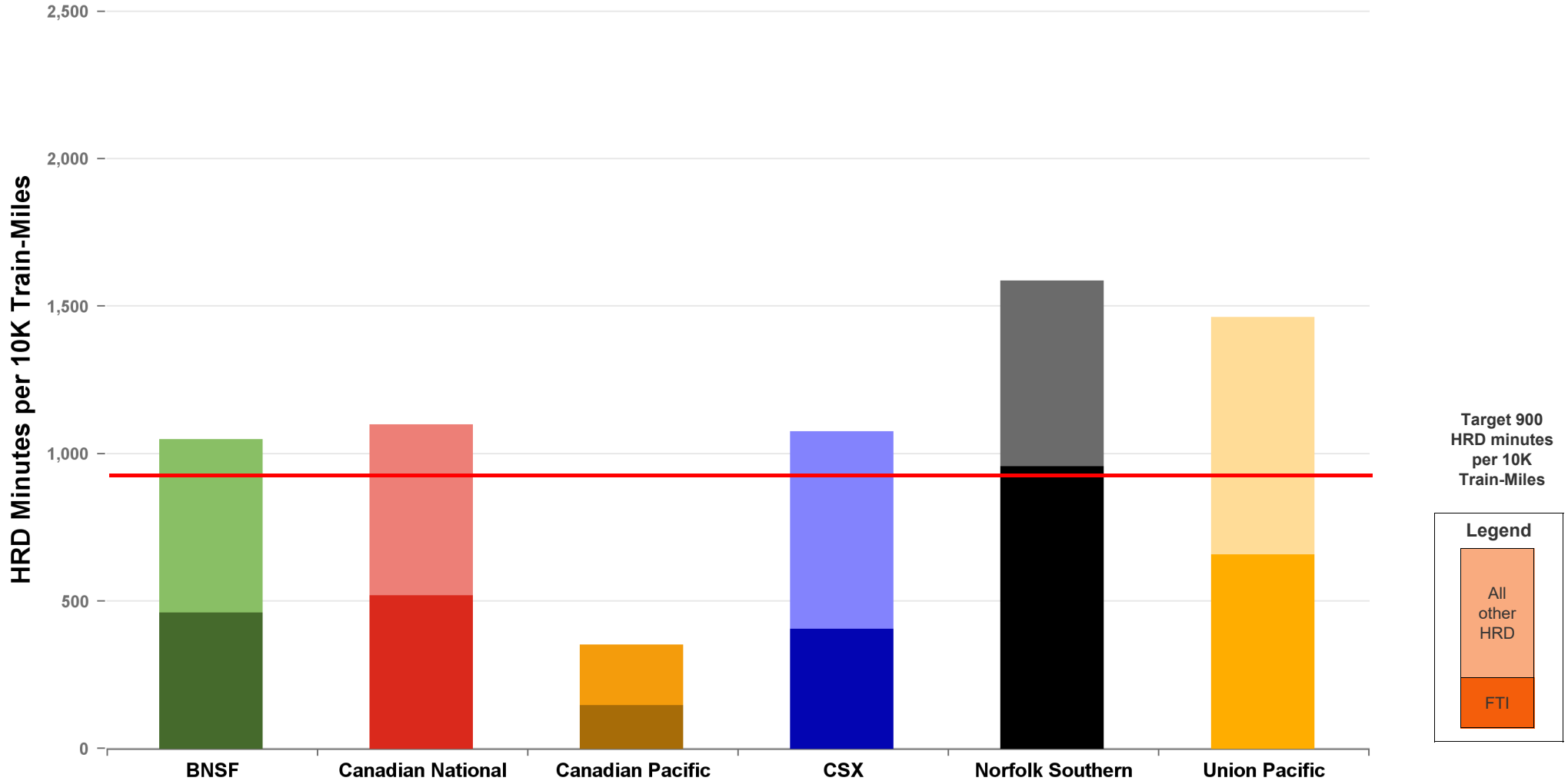
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



Total Host-Responsible Delays

1 Year Snapshot

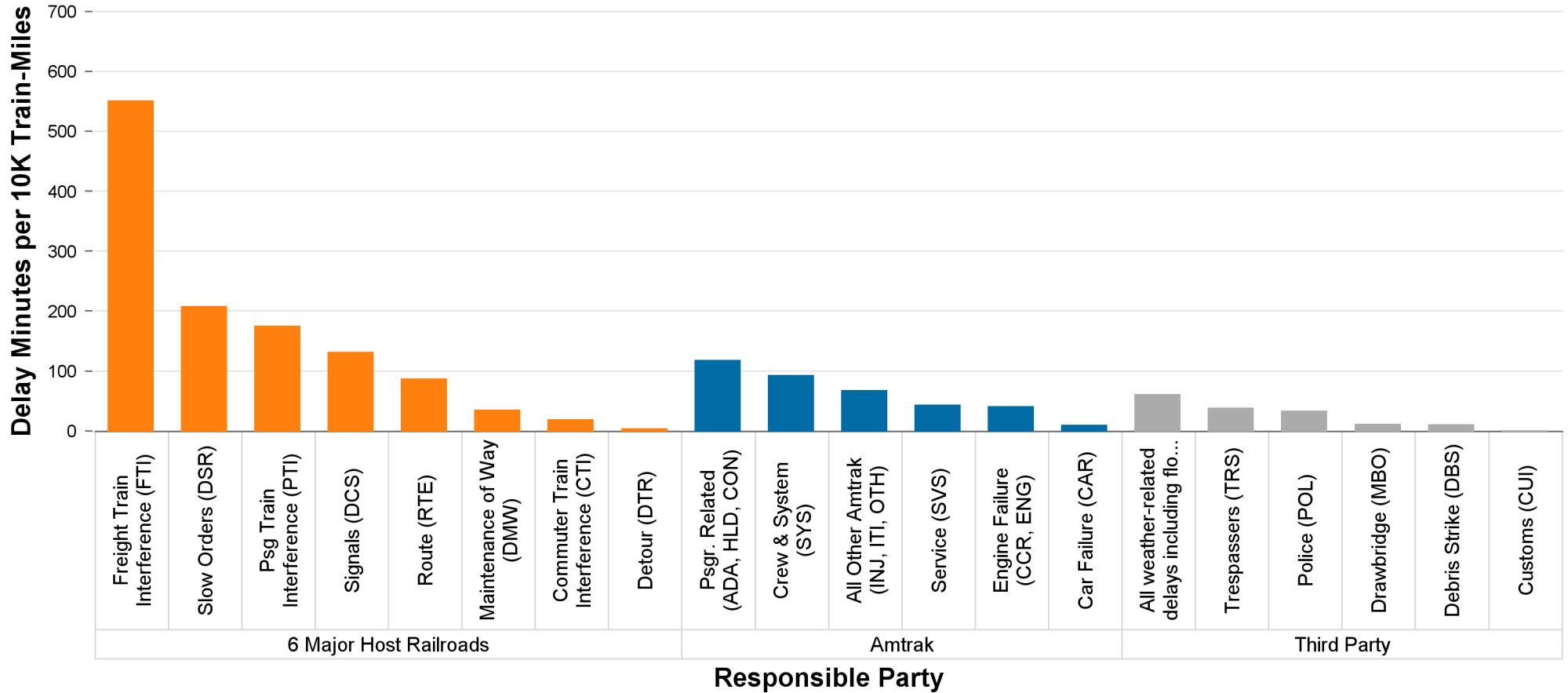
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



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.

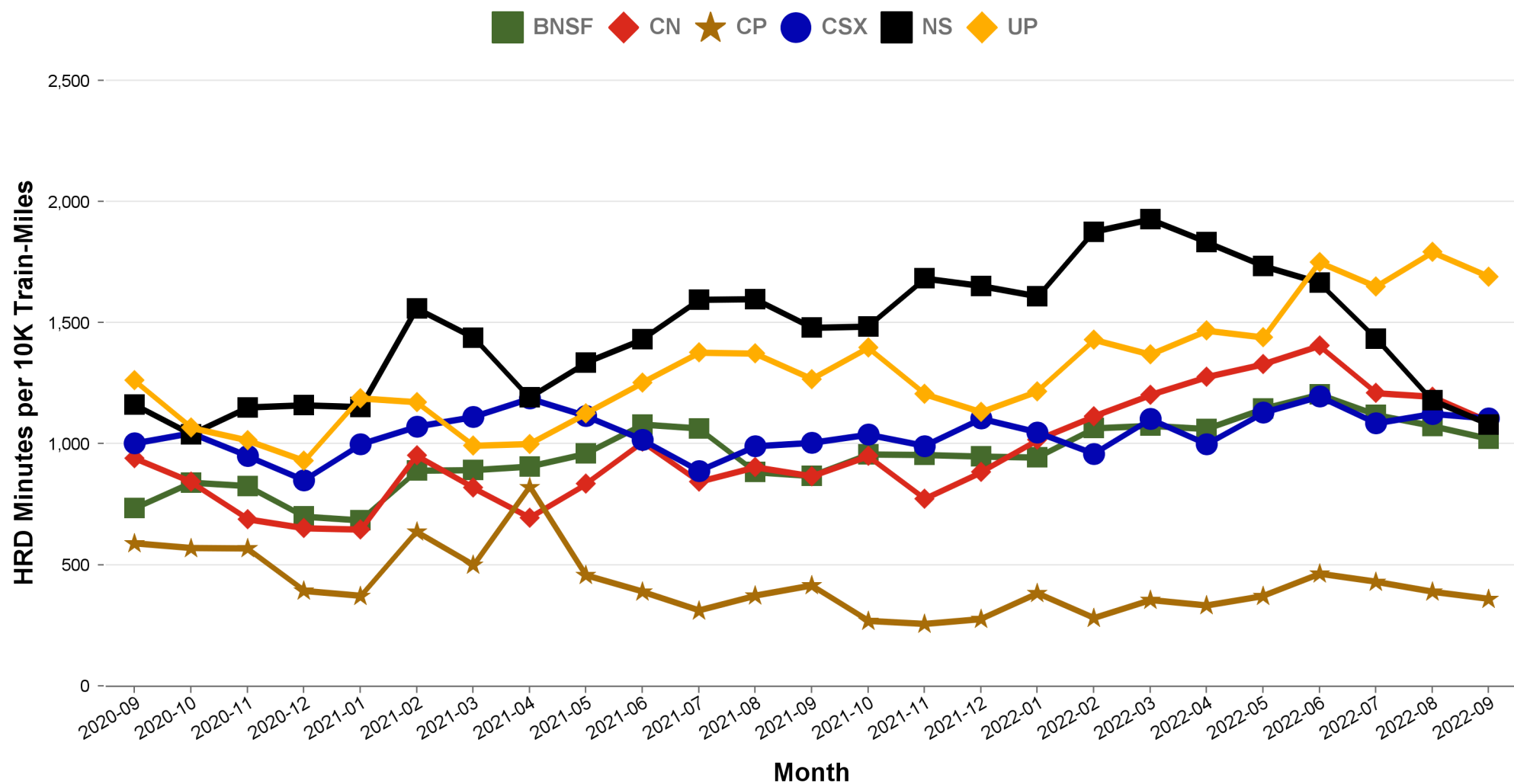


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1217	377	157
Percentage of Total Delays	69.5%	21.5%	9.0%

Total Host-Responsible Delays

2 Year Snapshot

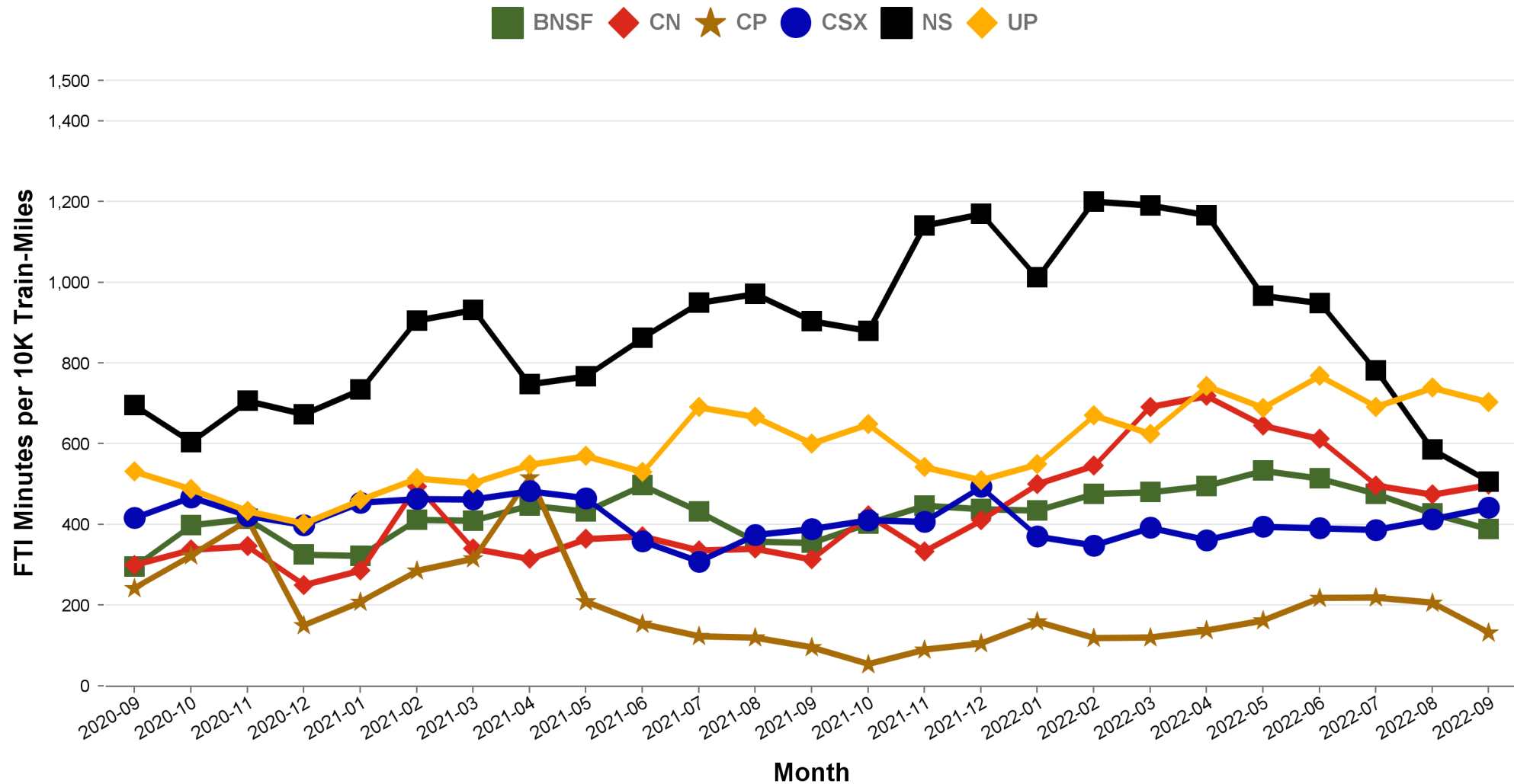
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



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 September 2022

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	1012	987	DSR	472	FTI	261	1027
	Carl Sandburg / Illinois Zephyr	1124	782	FTI	424	DSR	290	257
	Cascades	1395	1315	DSR	473	FTI	328	317
	Coast Starlight	1077	1180	DSR	384	FTI	244	158
	Empire Builder	842	903	FTI	445	DSR	149	2147
	Heartland Flyer	2800	1923	DSR	1400	FTI	1334	236
	Pacific Surfliner	1361	1331	FTI	333	DCS	311	22
	San Joaquins	1061	1132	PTI	402	FTI	358	284
	Southwest Chief	770	963	FTI	326	DSR	127	2206
	Sunset Ltd	1779	2004	FTI	678	DCS	566	190
	Texas Eagle	1379	1164	DSR	614	FTI	438	116
CN	Blue Water	601	636	FTI	455	DMW	62	159
	City Of New Orleans	1089	1013	FTI	399	DSR	310	930
	Illini / Saluki	678	832	DSR	285	FTI	237	304
	Lincoln Service	1853	1883	FTI	1267	DCS	208	35
	Lincoln / Missouri	2466	2605	FTI	1466	DCS	469	35
	Texas Eagle	2381	2316	FTI	1534	DSR	195	35
	Wolverine	1428	1814	DSR	587	FTI	504	27
CP	Empire Builder	488	515	FTI	236	DSR	123	384
	Ethan Allen Express	958	642	DSR	556	DCS	269	60
	Hiawatha	140	138	FTI	40	RTE	30	53
CSX	Auto Train	1226	1466	FTI	559	DSR	324	898
	Capitol Ltd	865	797	FTI	312	RTE	228	307
	Cardinal	799	1037	FTI	307	DSR	272	703
	Carolinian	1569	1319	FTI	491	PTI	362	295
	Lake Shore Ltd	860	765	FTI	465	RTE	149	741
	Maple Leaf	1221	975	FTI	782	RTE	217	298
	New York - Niagara Falls	972	828	FTI	616	RTE	171	296
	Palmetto	1144	1167	FTI	513	DSR	223	659
	Pere Marquette	233	204	FTI	153	DCS	60	135
	Richmond / Newport News / Norfolk	1452	1259	FTI	338	DSR	328	189
	Silver Meteor	-	1019		-		-	1152
	Silver Star	954	1010	FTI	288	DSR	265	1209
NS	Blue Water	3153	4024	FTI	2412	RTE	219	39
	Capitol Ltd	1774	2254	FTI	942	RTE	297	481
	Cardinal	1958	1989	CTI	575	PTI	561	79
	Carolinian	635	875	PTI	259	FTI	154	202
	Crescent	1062	1649	FTI	458	DCS	242	1141
	Lake Shore Ltd	995	2157	FTI	546	PTI	200	339
	Pennsylvanian	1170	1374	FTI	627	RTE	228	249
	Pere Marquette	2215	3449	FTI	1191	DCS	596	39
	Piedmont	564	742	FTI	163	PTI	143	173
	Richmond / Newport News / Norfolk	661	759	DCS	298	DSR	120	81
	Roanoke	705	640	FTI	253	PTI	229	216
	Silver Star	827	1323	FTI	445	DSR	226	28
	Wolverine	3063	4223	FTI	2362	DCS	266	39
UP	California Zephyr	1453	1537	FTI	665	DSR	293	1381
	Capitol Corridor	813	762	DSR	291	PTI	234	171
	Cascades	1917	1945	FTI	609	DSR	500	125
	Coast Starlight	1651	1481	DCS	653	FTI	424	1162
	Lincoln Service	989	1047	FTI	419	PTI	312	231
	Lincoln / Missouri	1584	1701	FTI	555	PTI	377	502
	Missouri	1628	1416	FTI	894	DSR	459	271
	Pacific Surfliner	2324	1677	DCS	1702	PTI	436	174
	San Joaquins	1450	1280	FTI	717	PTI	354	88
	Sunset Ltd	2507	2041	FTI	1867	DSR	217	1784
		Texas Eagle	2602	1883	FTI	1512	DSR	701
Amtrak	Blue Water	249	308	DCS	180	PTI	40	99
	Ethan Allen Express	400	295	PTI	141	DCS	84	100
	Maple Leaf	644	272	DSR	447	RTE	89	109
	New York - Albany	213	205	PTI	77	DCS	40	81
	New York - Niagara Falls	675	354	DSR	421	PTI	113	109
	Wolverine	196	425	DCS	131	PTI	39	99

Minutes of Delay per 10K Train Miles by Host for September 2022

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					
BBrRR	Cardinal	1423	1235	PTI	431	DSR	335	132
Fla DOT	Silver Meteor	-	783		-		-	68
	Silver Star	593	773	CTI	413	DSR	99	68
FR	Auto Train	5949	4608	DSR	3795	CTI	1538	16
	Silver Meteor	-	2533		-		-	61
	Silver Star	2200	1931	DSR	1074	CTI	585	61
MADOT	Springfield Shuttles	1397	681	DSR	616	FTI	482	36
	Vermonters	1033	478	PTI	561	DSR	367	50
MBTA	Downeaster	1035	1503	DCS	381	CTI	332	38
Metra	Empire Builder	1542	1340	CTI	984	PTI	213	29
	Hiawatha	1575	1276	CTI	822	DSR	254	29
MIDOT	Blue Water	76	434	RTE	61	DCS	15	22
	Wolverine	786	850	DSR	561	DMW	171	134
MNRR	Acela Express	1648	1541	DSR	1154	CTI	327	56
	Ethan Allen Express	706	1156	CTI	398	PTI	113	64
	Lake Shore Ltd	1020	1303	CTI	737	RTE	104	64
	Maple Leaf	921	850	CTI	586	RTE	175	64
	New York - Albany	1019	1178	CTI	582	RTE	224	64
	New York - Niagara Falls	1519	1544	CTI	938	RTE	200	64
	Richmond / Newport News / Norfolk	1862	2023	DSR	960	CTI	601	56
	Vermonters	2845	2555	DSR	2104	CTI	604	56
NECR	Vermonters	2601	1468	DSR	2243	FTI	196	192
NMDOT	Southwest Chief	1852	1835	CTI	889	DCS	446	80
PanAm	Downeaster	783	754	PTI	375	DSR	186	107
SCRRA	Coast Starlight	1098	1069	PTI	831	DCS	102	48
	Pacific Surfliner	1954	1242	DSR	657	PTI	515	95
SDNRR	Pacific Surfliner	1170	972	CTI	569	PTI	242	60
Sounder	Cascades	864	764	PTI	372	RTE	183	20
	Coast Starlight	2955	1801	PTI	2304	CTI	330	20
TRE	Texas Eagle	713	518	DSR	282	CTI	249	33
VTR	Ethan Allen Express	591	610	DSR	467	DMW	78	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 September 2022

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						
Acela Express									
Acela Express	MNRR	1648	1541	DSR	1154	CTI	327	56	
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1452	1259	FTI	338	DSR	328	189
		NS	661	759	DCS	298	DSR	120	81
		MNRR	1862	2023	DSR	960	CTI	601	56
	Roanoke	NS	705	640	FTI	253	PTI	229	216
	Springfield Shuttles	MADOT	1397	681	DSR	616	FTI	482	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	813	762	DSR	291	PTI	234	171
Carolinian		CSX	1569	1319	FTI	491	PTI	362	295
		NS	635	875	PTI	259	FTI	154	202
Cascades		BNSF	1395	1315	DSR	473	FTI	328	317
		UP	1917	1945	FTI	609	DSR	500	125
		Sounder	864	764	PTI	372	RTE	183	20
Downeaster		MBTA	1035	1503	DCS	381	CTI	332	38
		PanAm	783	754	PTI	375	DSR	186	107
Empire	Ethan Allen Express	CP	958	642	DSR	556	DCS	269	60
		Amtrak	400	295	PTI	141	DCS	84	100
		MNRR	706	1156	CTI	398	PTI	113	64
		VTR	591	610	DSR	467	DMW	78	24
	Maple Leaf	CSX	1221	975	FTI	782	RTE	217	298
		Amtrak	644	272	DSR	447	RTE	89	109
		MNRR	921	850	CTI	586	RTE	175	64
	New York - Albany	Amtrak	213	205	PTI	77	DCS	40	81
		MNRR	1019	1178	CTI	582	RTE	224	64
	New York - Niagara Falls	CSX	972	828	FTI	616	RTE	171	296
		Amtrak	675	354	DSR	421	PTI	113	109
		MNRR	1519	1544	CTI	938	RTE	200	64
Heartland Flyer		BNSF	2800	1923	DSR	1400	FTI	1334	236
Hiawatha		CP	140	138	FTI	40	RTE	30	53
		Metra	1575	1276	CTI	822	DSR	254	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	1124	782	FTI	424	DSR	290	257
	Illini / Saluki	CN	678	832	DSR	285	FTI	237	304
	Lincoln Service	CN	1853	1883	FTI	1267	DCS	208	35
		UP	989	1047	FTI	419	PTI	312	231
Lincoln / Missouri		CN	2466	2605	FTI	1466	DCS	469	35
		UP	1584	1701	FTI	555	PTI	377	502
Michigan	Blue Water	CN	601	636	FTI	455	DMW	62	159
		NS	3153	4024	FTI	2412	RTE	219	39
		Amtrak	249	308	DCS	180	PTI	40	99
		MIDOT	76	434	RTE	61	DCS	15	22
	Pere Marquette	CSX	233	204	FTI	153	DCS	60	135
		NS	2215	3449	FTI	1191	DCS	596	39
	Wolverine	CN	1428	1814	DSR	587	FTI	504	27
		NS	3063	4223	FTI	2362	DCS	266	39
		Amtrak	196	425	DCS	131	PTI	39	99
		MIDOT	786	850	DSR	561	DMW	171	134
Missouri		UP	1628	1416	FTI	894	DSR	459	271
Pacific Surfliner		BNSF	1361	1331	FTI	333	DCS	311	22
		UP	2324	1677	DCS	1702	PTI	436	174
		SCRRA	1954	1242	DSR	657	PTI	515	95
		SDNRR	1170	972	CTI	569	PTI	242	60
Pennsylvanian		NS	1170	1374	FTI	627	RTE	228	249
Piedmont		NS	564	742	FTI	163	PTI	143	173
San Joaquins		BNSF	1061	1132	PTI	402	FTI	358	284
		UP	1450	1280	FTI	717	PTI	354	88
Vermont		MADOT	1033	478	PTI	561	DSR	367	50
		MNRR	2845	2555	DSR	2104	CTI	604	56
		NECR	2601	1468	DSR	2243	FTI	196	192

Minutes of Delay per 10K Train Miles by Service for September 2022

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	1226 5949	1466 4608	FTI DSR	559 3795	DSR CTI	324 1538	898 16
California Zephyr	BNSF UP	1012 1453	987 1537	DSR FTI	472 665	FTI DSR	261 293	1027 1381
Capitol Ltd	CSX NS	865 1774	797 2254	FTI FTI	312 942	RTE RTE	228 297	307 481
Cardinal	CSX NS BBrRR	799 1958 1423	1037 1989 1235	FTI CTI PTI	307 575 431	DSR PTI DSR	272 561 335	703 79 132
City Of New Orleans	CN	1089	1013	FTI	399	DSR	310	930
Coast Starlight	BNSF UP SCRRA Sounder	1077 1651 1098 2955	1180 1481 1069 1801	DSR DCS PTI PTI	384 653 831 2304	FTI FTI DCS CTI	244 424 102 330	158 1162 48 20
Crescent	NS	1062	1649	FTI	458	DCS	242	1141
Empire Builder	BNSF CP Metra	842 488 1542	903 515 1340	FTI FTI CTI	445 236 984	DSR DSR PTI	149 123 213	2147 384 29
Lake Shore Ltd	CSX NS MNRR	860 995 1020	765 2157 1303	FTI FTI CTI	465 546 737	RTE PTI RTE	149 200 104	741 339 64
Palmetto	CSX	1144	1167	FTI	513	DSR	223	659
Silver Meteor	CSX Fla DOT FR	- - -	1019 783 2533		- - -		- - -	1152 68 61
Silver Star	CSX NS Fla DOT FR	954 827 593 2200	1010 1323 773 1931	FTI FTI CTI DSR	288 445 413 1074	DSR DSR DSR CTI	265 226 99 585	1209 28 68 61
Southwest Chief	BNSF NMDOT	770 1852	963 1835	FTI CTI	326 889	DSR DCS	127 446	2206 80
Sunset Ltd	BNSF UP	1779 2507	2004 2041	FTI FTI	678 1867	DCS DSR	566 217	190 1784
Texas Eagle	BNSF CN UP TRE	1379 2381 2602 713	1164 2316 1883 518	DSR FTI FTI DSR	614 1534 1512 282	FTI DSR DSR CTI	438 195 701 249	116 35 1073 33

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 Excludes hosts with fewer than 15 route miles.
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 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.



Host Railroad Report - All-Stations and Customer OTP for September 2022

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	73.7%	75.0%	75.5%	73.8%	54	64
NEC Corridor Routes	85.4%	85.4%	81.7%	81.2%	45	41
Minimum Standard			80.0%	80.0%		
Acela Express*	87.3%	85.8%	83.7%	81.8%	40	30
Keystone	95.8%	95.5%	94.9%	94.5%	44	35
Northeast Regional	81.0%	81.7%	78.4%	78.2%	46	44
On Spine Northeast Regional	85.7%	86.4%	84.0%	83.8%	43	40
Richmond / Newport News / Norfolk	77.8%	76.5%	74.8%	73.4%	45	46
Roanoke	71.4%	71.4%	67.5%	69.1%	57	49
Springfield Shuttles	86.0%	88.3%	84.6%	87.7%	30	37
Non-NEC Corridor Routes	76.8%	80.4%	74.4%	76.4%	40	45
Minimum Standard			80.0%	80.0%		
Capitol Corridor	86.0%	88.7%	80.8%	84.7%	36	38
Carolinian	68.3%	64.9%	65.3%	62.2%	43	52
Cascades	65.4%	63.3%	63.6%	56.1%	37	45
Downeaster	90.4%	89.3%	84.7%	81.7%	34	35
Empire	83.4%	85.0%	82.8%	84.4%	40	41
Berkshire Flyer	55.0%	57.8%	45.9%	50.6%	19	41
Ethan Allen Express	83.9%	85.7%	82.8%	82.7%	43	42
Maple Leaf	75.5%	79.2%	82.7%	79.9%	48	47
New York - Albany	92.5%	92.4%	88.2%	90.0%	31	37
New York - Niagara Falls	78.9%	80.7%	74.7%	79.2%	43	40
Heartland Flyer	48.8%	68.9%	33.5%	62.3%	52	45
Hiawatha	96.0%	95.0%	93.4%	93.8%	35	35
Illinois	72.1%	72.5%	67.1%	69.2%	39	45
Carl Sandburg / Illinois Zephyr	75.7%	82.0%	68.0%	80.3%	37	42
Illini / Saluki	60.7%	52.8%	58.9%	56.5%	33	43
Lincoln Service	74.3%	75.5%	71.7%	72.4%	44	46
Lincoln / Missouri	50.8%	37.4%	48.8%	31.8%	48	71
Michigan	64.3%	67.2%	77.2%	64.2%	45	54
Blue Water	76.5%	72.9%	76.1%	65.7%	29	53
Pere Marquette	86.3%	82.4%	79.3%	73.2%	40	42
Wolverine	56.5%	63.6%	77.1%	61.5%	54	56
Missouri	56.3%	66.6%	46.5%	60.3%	40	61
Pacific Surfliner	75.0%	84.1%	70.3%	80.3%	40	41
Pennsylvanian	62.7%	67.1%	66.7%	68.0%	36	41
Piedmont	85.7%	81.8%	74.4%	75.2%	36	38
San Joaquins	78.4%	78.7%	72.1%	74.2%	39	45
Vermonteer	53.7%	78.9%	69.5%	81.3%	54	43
Long-Distance Routes	44.8%	44.4%	52.6%	43.8%	89	108
Minimum Standard			80.0%	80.0%		
Auto Train	69.2%	56.3%	67.6%	36.3%	53	126
California Zephyr	24.2%	29.3%	22.0%	29.0%	125	161
Capitol Ltd	47.8%	40.1%	43.6%	32.1%	69	86
Cardinal	58.2%	48.2%	58.1%	48.4%	68	75
City Of New Orleans	48.5%	52.4%	67.9%	60.2%	63	82
Coast Starlight	47.4%	53.6%	49.7%	53.0%	73	87
Crescent	61.2%	49.7%	68.5%	52.6%	55	97
Empire Builder	52.8%	46.0%	61.5%	47.9%	126	125
Lake Shore Ltd	69.7%	60.8%	73.6%	59.0%	53	68
Palmetto	70.1%	64.7%	79.4%	67.6%	63	58
Silver Meteor	-	50.5%	-	44.2%	-	86
Silver Star	32.2%	33.2%	38.9%	25.8%	77	102
Southwest Chief	36.6%	32.4%	39.8%	27.8%	95	133
Sunset Ltd	8.9%	17.0%	11.0%	21.2%	169	158
Texas Eagle	25.6%	46.5%	31.5%	48.9%	102	99

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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.

* Acela Express 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.