



Host Railroad Report

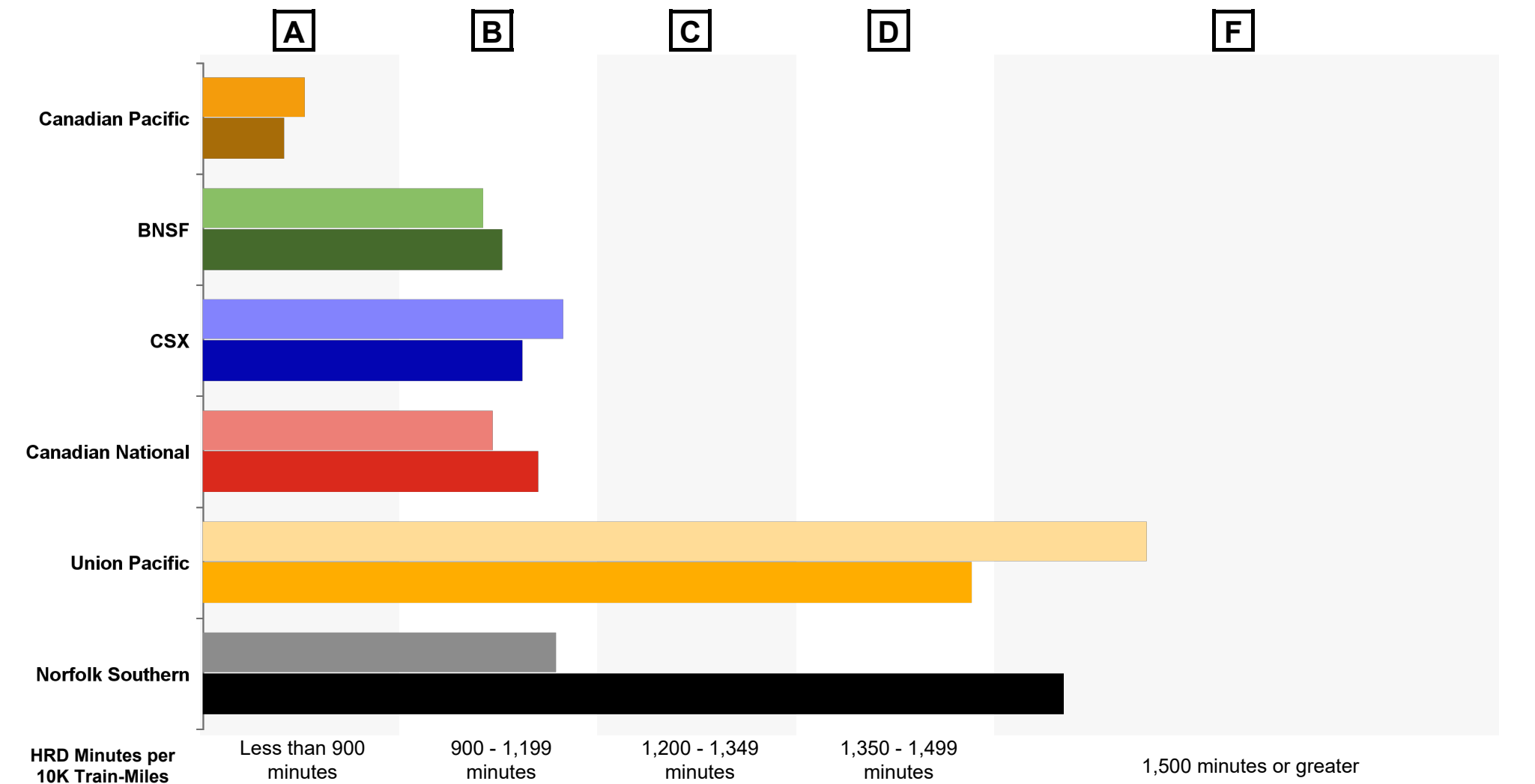
Amtrak Train Performance on Host Railroads

Data through October 2022

Host Railroad Report Card Update

Current Month and 1 Year Snapshot

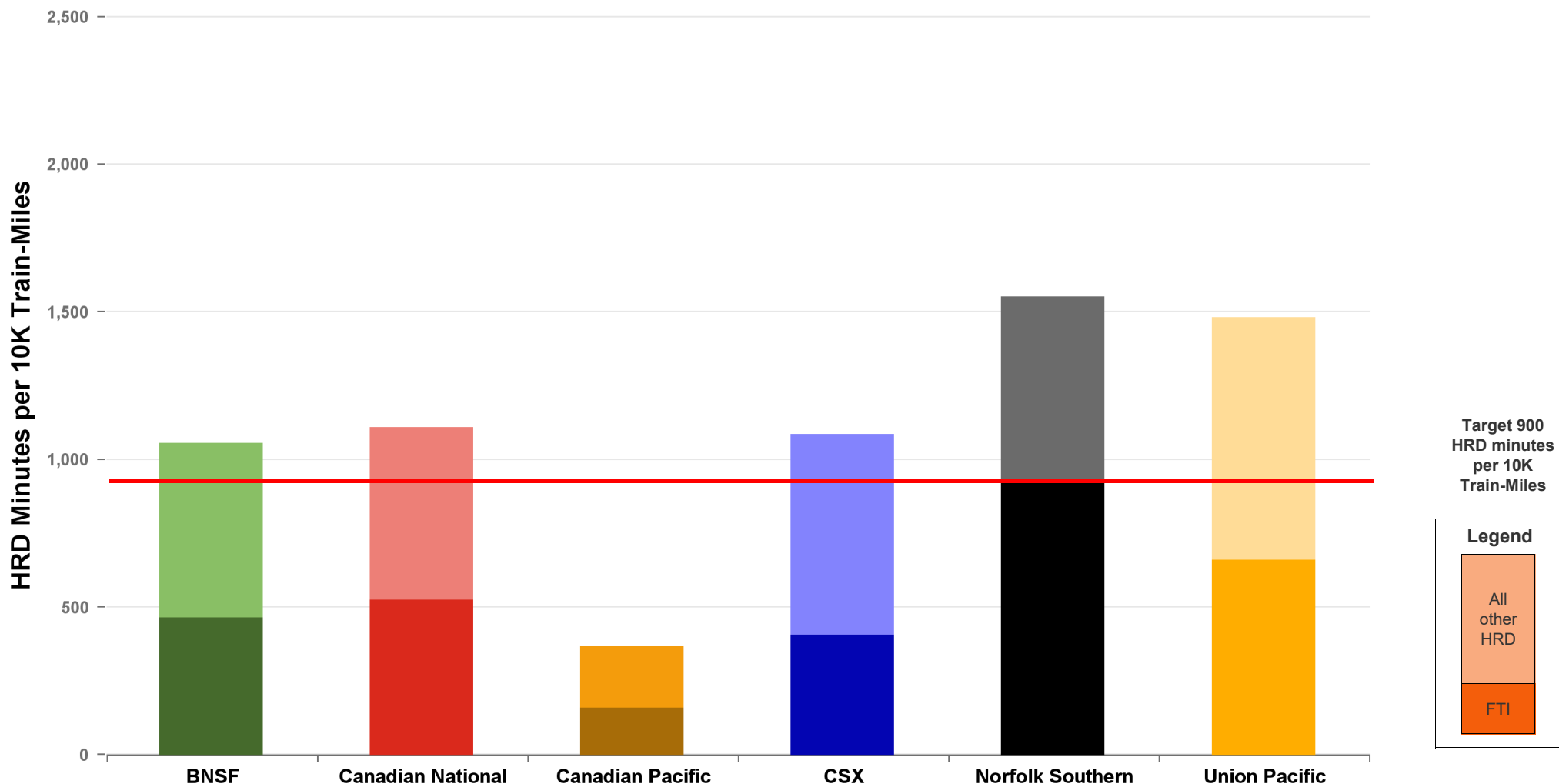
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



Total Host-Responsible Delays

1 Year Snapshot

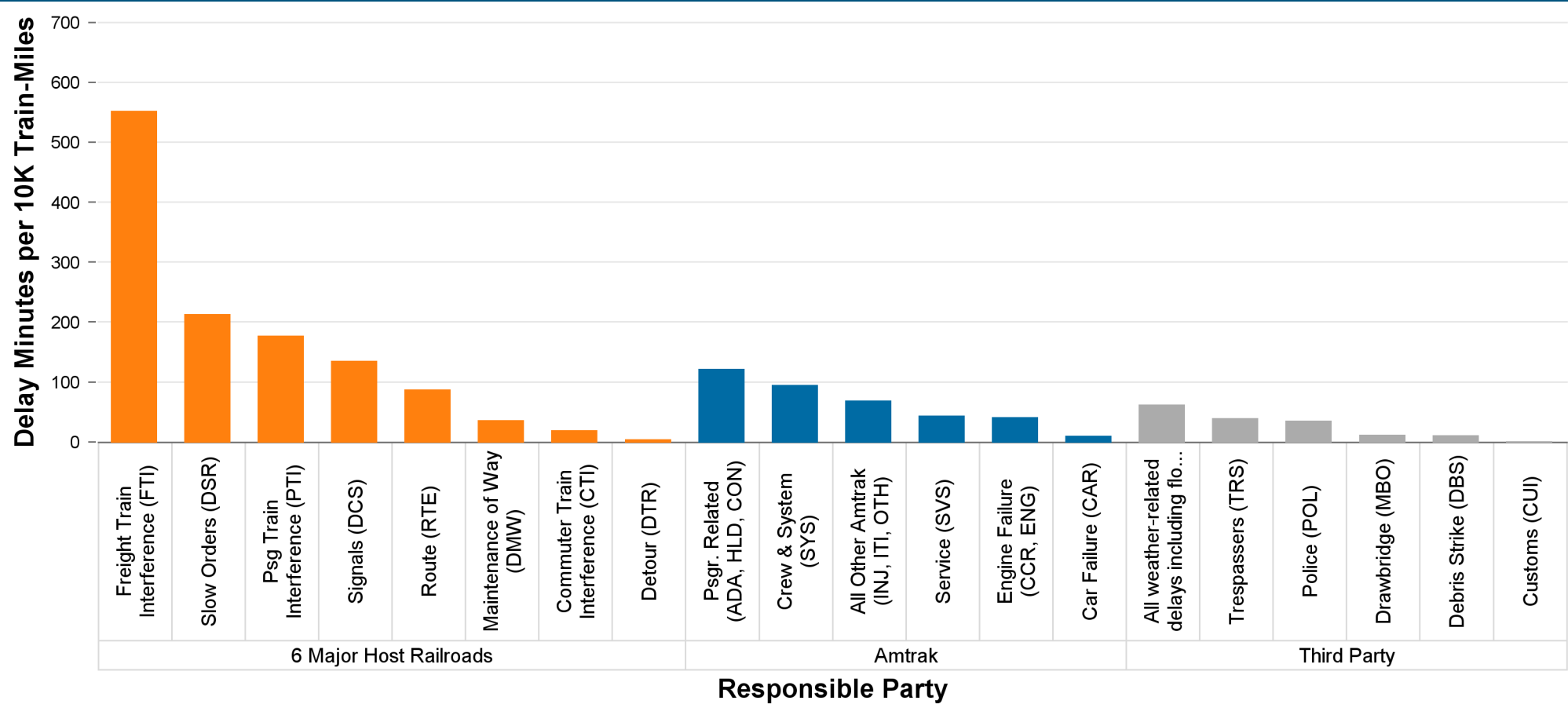
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



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.

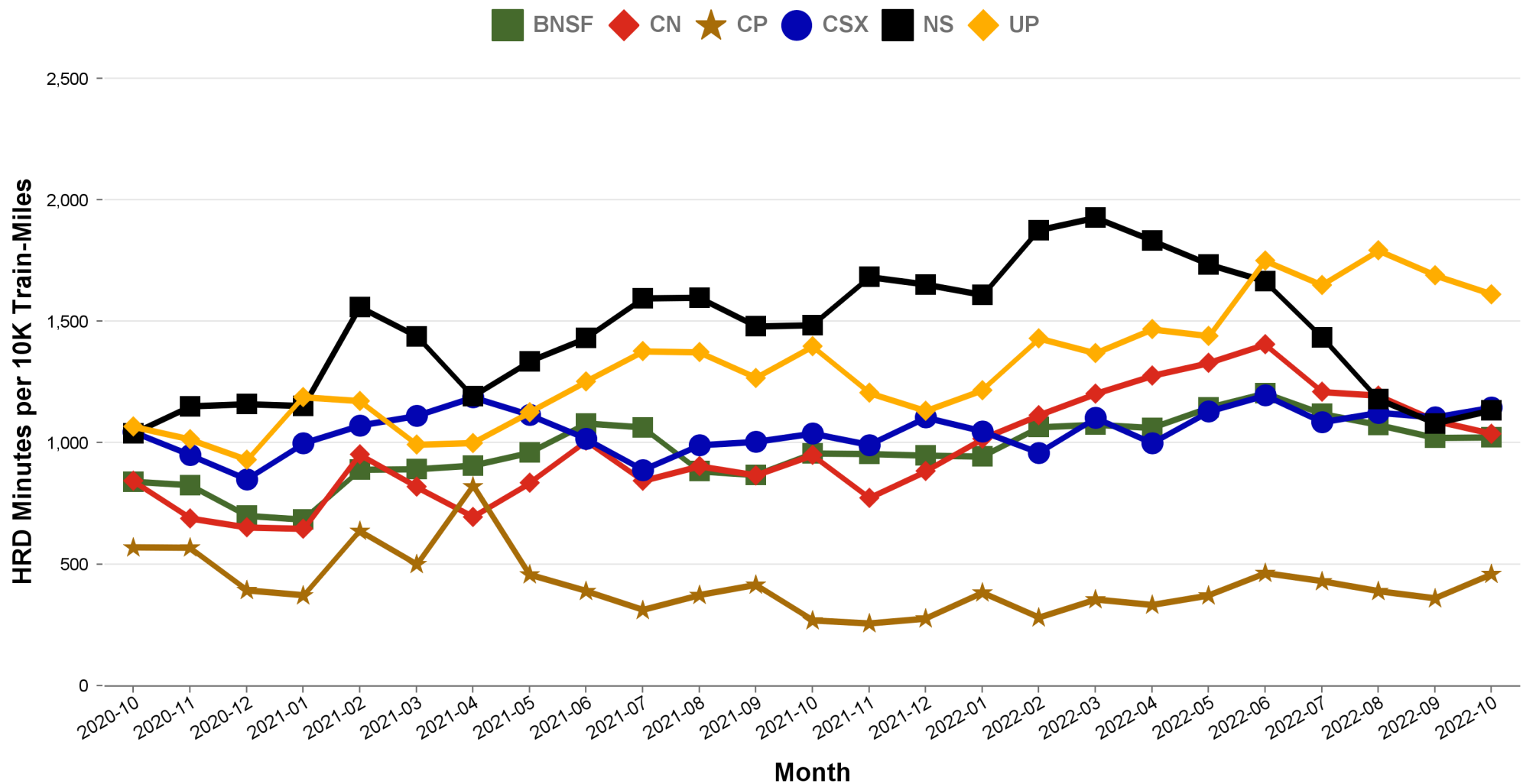


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1224	382	157
Percentage of Total Delays	69.4%	21.7%	8.9%

Total Host-Responsible Delays

2 Year Snapshot

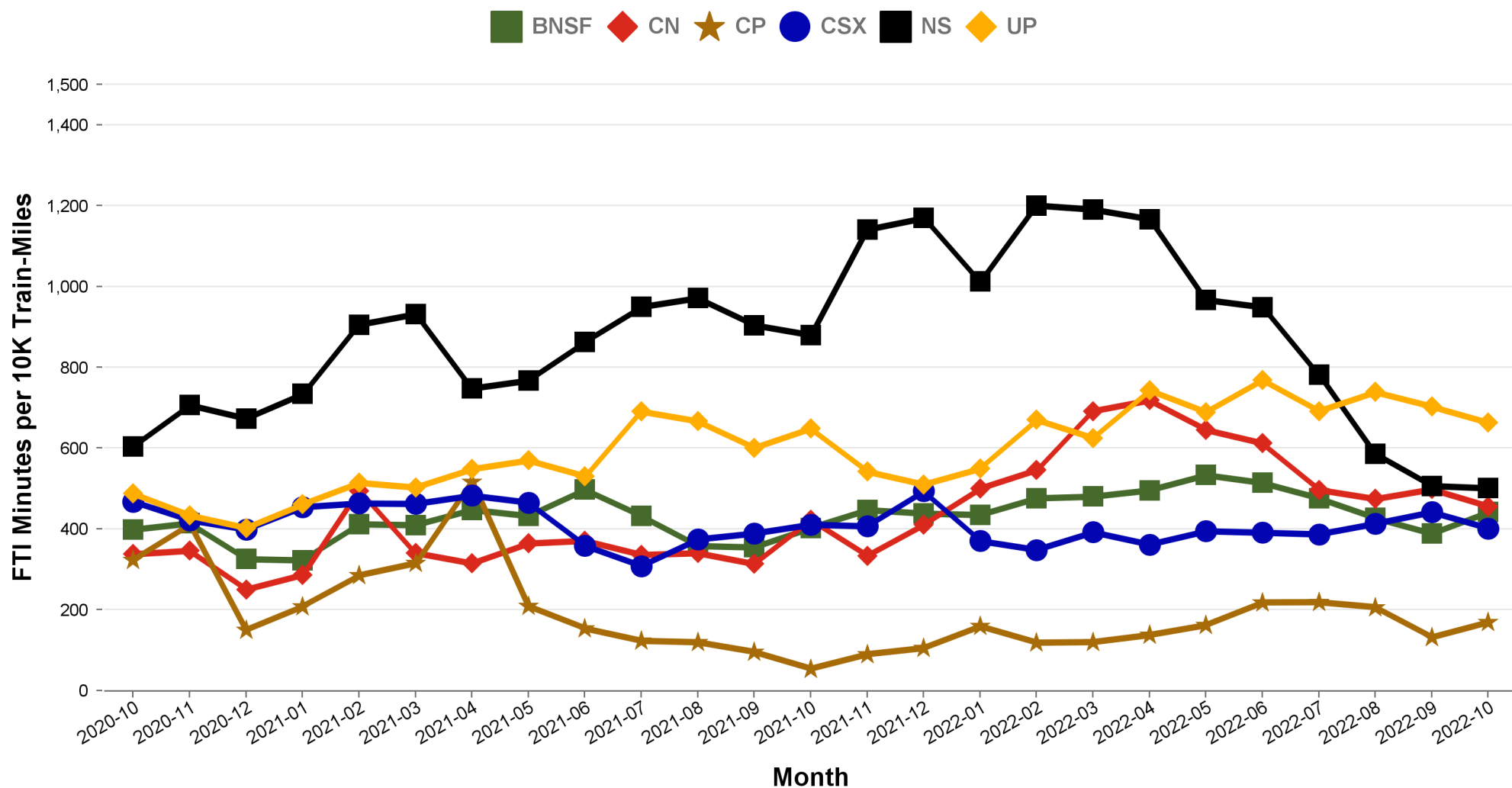
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



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 October 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	970	980	DSR	390	FTI	293	1027
	Carl Sandburg / Illinois Zephyr	703	790	FTI	320	DSR	115	257
	Cascades	1444	1347	DSR	528	FTI	446	317
	Coast Starlight	1290	1244	FTI	394	DSR	369	158
	Empire Builder	897	897	FTI	622	DSR	123	2147
	Heartland Flyer	2552	2012	DSR	1249	FTI	1218	236
	Pacific Surfliner	936	1344	DCS	284	FTI	254	22
	San Joaquins	1274	1154	PTI	430	FTI	385	284
	Southwest Chief	718	948	FTI	318	DSR	121	2206
	Sunset Ltd	1013	1939	DSR	392	FTI	301	190
	Texas Eagle	2106	1285	FTI	1063	DSR	862	116
CN	Blue Water	459	635	FTI	284	DCS	84	159
	City Of New Orleans	1040	1038	FTI	397	DSR	252	930
	Illini / Saluki	645	826	DSR	309	FTI	158	304
	Lincoln Service	2261	1908	FTI	1892	DCS	166	35
	Lincoln / Missouri	2761	2635	FTI	2068	DCS	391	35
	Texas Eagle	1330	2198	FTI	1080	PTI	130	35
	Wolverine	1487	1758	DSR	757	FTI	269	27
CP	Empire Builder	571	541	FTI	289	DSR	153	384
	Ethan Allen Express	295	612	DCS	102	RTE	86	60
	Hiawatha	371	156	DSR	136	FTI	65	53
CSX	Auto Train	1560	1458	FTI	624	DSR	393	898
	Capitol Ltd	576	787	RTE	188	DSR	159	307
	Cardinal	1206	1078	FTI	684	DSR	233	703
	Carolinian	1295	1297	PTI	319	DSR	293	295
	Lake Shore Ltd	976	793	FTI	452	RTE	168	741
	Maple Leaf	1133	991	FTI	608	RTE	198	298
	New York - Niagara Falls	1118	851	FTI	516	RTE	220	296
	Palmetto	1090	1169	FTI	326	DSR	308	659
	Pere Marquette	178	198	DCS	71	FTI	44	135
	Richmond / Newport News / Norfolk	1381	1279	DSR	352	FTI	335	189
	Silver Meteor	896	1016	FTI	281	DSR	223	1152
	Silver Star	1040	1017	FTI	308	DSR	269	1209
NS	Blue Water	3540	4080	FTI	2347	DCS	468	39
	Capitol Ltd	1787	2232	FTI	1027	RTE	207	481
	Cardinal	2036	1988	PTI	1067	FTI	526	79
	Carolinian	766	854	PTI	264	DCS	195	202
	Crescent	1110	1631	FTI	513	DCS	206	1141
	Lake Shore Ltd	1074	2049	FTI	543	RTE	158	339
	Pennsylvanian	817	1324	FTI	435	RTE	207	249
	Pere Marquette	1878	3295	FTI	721	DMW	381	39
	Piedmont	726	733	PTI	179	DCS	153	173
	Richmond / Newport News / Norfolk	752	756	DCS	195	DSR	194	81
	Roanoke	734	666	PTI	308	FTI	196	216
	Silver Star	892	1286	DSR	557	PTI	138	28
	Wolverine	3633	4167	FTI	2157	DCS	552	39
UP	California Zephyr	1500	1550	FTI	673	DSR	276	1381
	Capitol Corridor	773	762	DSR	268	PTI	245	171
	Cascades	1626	1887	FTI	592	PTI	388	125
	Coast Starlight	1601	1480	DCS	529	FTI	462	1162
	Lincoln Service	817	1057	FTI	376	PTI	238	231
	Lincoln / Missouri	1580	1678	FTI	823	PTI	288	502
	Missouri	1604	1401	FTI	809	DSR	407	271
	Pacific Surfliner	2618	1780	DCS	1780	PTI	620	174
	San Joaquins	1398	1308	PTI	534	FTI	367	88
	Sunset Ltd	2170	2075	FTI	1425	DSR	224	1784
	Texas Eagle	2357	1920	FTI	1442	DSR	586	1073
Amtrak	Blue Water	243	302	PTI	126	DSR	79	99
	Ethan Allen Express	861	357	DCS	608	PTI	152	100
	Maple Leaf	956	336	DCS	508	RTE	204	109
	New York - Albany	231	211	PTI	72	RTE	67	81
	New York - Niagara Falls	617	372	DCS	247	DSR	134	109
	Wolverine	232	413	DSR	105	PTI	58	99

Minutes of Delay per 10K Train Miles by Host for October 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	1594	1297	PTI	562	FTI	422	132
Fla DOT	Silver Meteor	601	702	CTI	422	DCS	65	68
	Silver Star	653	749	CTI	554	DSR	82	68
FR	Auto Train	5711	4562	DSR	3789	CTI	1244	16
	Silver Meteor	4672	2932	DSR	1557	DCS	1304	61
	Silver Star	3523	2055	DSR	1436	DCS	1304	61
MADOT	Springfield Shuttles	726	662	DSR	364	FTI	236	36
	Vermonter	1398	539	DSR	531	PTI	404	50
MBTA	Downeaster	1051	1407	CTI	460	DCS	360	38
Metra	Empire Builder	1772	1334	CTI	904	PTI	423	29
	Hiawatha	1814	1297	CTI	926	DSR	338	29
MIDOT	Blue Water	194	435	DCS	142	DSR	52	22
	Wolverine	1175	897	DSR	725	PTI	166	134
MNRR	Acela Express	1674	1548	DSR	1041	CTI	439	56
	Ethan Allen Express	1069	1138	CTI	651	DSR	197	64
	Lake Shore Ltd	1150	1225	CTI	816	DSR	147	64
	Maple Leaf	1263	854	CTI	744	RTE	301	64
	New York - Albany	1238	1123	CTI	751	RTE	189	64
	New York - Niagara Falls	1955	1543	CTI	1155	RTE	286	64
	Richmond / Newport News / Norfolk	1817	1972	DSR	916	CTI	636	56
	Vermonter	3096	2568	DSR	2195	CTI	582	56
NECR	Vermonter	2495	1568	DSR	2369	DCS	102	192
NMDOT	Southwest Chief	1659	1888	CTI	855	DSR	307	80
PanAm	Downeaster	1088	792	DSR	376	PTI	347	107
SCRRA	Coast Starlight	1196	1045	PTI	712	CTI	295	48
	Pacific Surfliner	971	1211	PTI	330	CTI	288	95
SDNRR	Pacific Surfliner	1684	973	CTI	1158	PTI	229	60
Sounder	Cascades	602	750	RTE	253	PTI	207	20
	Coast Starlight	2082	1828	PTI	1295	CTI	385	20
TRE	Texas Eagle	897	526	CTI	382	RTE	333	33
VTR	Ethan Allen Express	655	649	DSR	551	DCS	81	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 October 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	1674	1548	DSR	1041	CTI	439	56
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1381	1279	DSR	352	FTI	335	189
		NS	752	756	DCS	195	DSR	194	81
		MNRR	1817	1972	DSR	916	CTI	636	56
	Roanoke	NS	734	666	PTI	308	FTI	196	216
	Springfield Shuttles	MADOT	726	662	DSR	364	FTI	236	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	773	762	DSR	268	PTI	245	171
Carolinian		CSX	1295	1297	PTI	319	DSR	293	295
		NS	766	854	PTI	264	DCS	195	202
Cascades		BNSF	1444	1347	DSR	528	FTI	446	317
		UP	1626	1887	FTI	592	PTI	388	125
		Sounder	602	750	RTE	253	PTI	207	20
Downeaster		MBTA	1051	1407	CTI	460	DCS	360	38
		PanAm	1088	792	DSR	376	PTI	347	107
Empire	Ethan Allen Express	CP	295	612	DCS	102	RTE	86	60
		Amtrak	861	357	DCS	608	PTI	152	100
		MNRR	1069	1138	CTI	651	DSR	197	64
		VTR	655	649	DSR	551	DCS	81	24
	Maple Leaf	CSX	1133	991	FTI	608	RTE	198	298
		Amtrak	956	336	DCS	508	RTE	204	109
		MNRR	1263	854	CTI	744	RTE	301	64
	New York - Albany	Amtrak	231	211	PTI	72	RTE	67	81
		MNRR	1238	1123	CTI	751	RTE	189	64
	New York - Niagara Falls	CSX	1118	851	FTI	516	RTE	220	296
		Amtrak	617	372	DCS	247	DSR	134	109
		MNRR	1955	1543	CTI	1155	RTE	286	64
Heartland Flyer		BNSF	2552	2012	DSR	1249	FTI	1218	236
Hiawatha		CP	371	156	DSR	136	FTI	65	53
		Metra	1814	1297	CTI	926	DSR	338	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	703	790	FTI	320	DSR	115	257
	Illini / Saluki	CN	645	826	DSR	309	FTI	158	304
	Lincoln Service	CN	2261	1908	FTI	1892	DCS	166	35
		UP	817	1057	FTI	376	PTI	238	231
Lincoln / Missouri		CN	2761	2635	FTI	2068	DCS	391	35
		UP	1580	1678	FTI	823	PTI	288	502
Michigan	Blue Water	CN	459	635	FTI	284	DCS	84	159
		NS	3540	4080	FTI	2347	DCS	468	39
		Amtrak	243	302	PTI	126	DSR	79	99
		MIDOT	194	435	DCS	142	DSR	52	22
	Pere Marquette	CSX	178	198	DCS	71	FTI	44	135
		NS	1878	3295	FTI	721	DMW	381	39
	Wolverine	CN	1487	1758	DSR	757	FTI	269	27
		NS	3633	4167	FTI	2157	DCS	552	39
		Amtrak	232	413	DSR	105	PTI	58	99
		MIDOT	1175	897	DSR	725	PTI	166	134
Missouri		UP	1604	1401	FTI	809	DSR	407	271
Pacific Surfliner		BNSF	936	1344	DCS	284	FTI	254	22
		UP	2618	1780	DCS	1780	PTI	620	174
		SCRRA	971	1211	PTI	330	CTI	288	95
		SDNRR	1684	973	CTI	1158	PTI	229	60
Pennsylvanian		NS	817	1324	FTI	435	RTE	207	249
Piedmont		NS	726	733	PTI	179	DCS	153	173
San Joaquins		BNSF	1274	1154	PTI	430	FTI	385	284
		UP	1398	1308	PTI	534	FTI	367	88
Vermonter		MADOT	1398	539	DSR	531	PTI	404	50
		MNRR	3096	2568	DSR	2195	CTI	582	56
		NECR	2495	1568	DSR	2369	DCS	102	192

Minutes of Delay per 10K Train Miles by Service for October 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	1560 5711	1458 4562	FTI DSR	624 3789	DSR CTI	393 1244	898 16
California Zephyr		BNSF UP	970 1500	980 1550	DSR FTI	390 673	FTI DSR	293 276	1027 1381
Capitol Ltd		CSX NS	576 1787	787 2232	RTE FTI	188 1027	DSR RTE	159 207	307 481
Cardinal		CSX NS BBrRR	1206 2036 1594	1078 1988 1297	FTI PTI PTI	684 1067 562	DSR FTI FTI	233 526 422	703 79 132
City Of New Orleans		CN	1040	1038	FTI	397	DSR	252	930
Coast Starlight		BNSF UP SCRRA Sounder	1290 1601 1196 2082	1244 1480 1045 1828	FTI DCS PTI PTI	394 529 712 1295	DSR FTI CTI CTI	369 462 295 385	158 1162 48 20
Crescent		NS	1110	1631	FTI	513	DCS	206	1141
Empire Builder		BNSF CP Metra	897 571 1772	897 541 1334	FTI FTI CTI	622 289 904	DSR DSR PTI	123 153 423	2147 384 29
Lake Shore Ltd		CSX NS MNRR	976 1074 1150	793 2049 1225	FTI FTI CTI	452 543 816	RTE RTE DSR	168 158 147	741 339 64
Palmetto		CSX	1090	1169	FTI	326	DSR	308	659
Silver Meteor		CSX Fla DOT FR	896 601 4672	1016 702 2932	FTI CTI DSR	281 422 1557	DSR DCS DCS	223 65 1304	1152 68 61
Silver Star		CSX NS Fla DOT FR	1040 892 653 3523	1017 1286 749 2055	FTI DSR CTI DSR	308 557 554 1436	DSR PTI DSR DCS	269 138 82 1304	1209 28 68 61
Southwest Chief		BNSF NMDOT	718 1659	948 1888	FTI CTI	318 855	DSR DSR	121 307	2206 80
Sunset Ltd		BNSF UP	1013 2170	1939 2075	DSR FTI	392 1425	FTI DSR	301 224	190 1784
Texas Eagle		BNSF CN UP TRE	2106 1330 2357 897	1285 2198 1920 526	FTI FTI FTI CTI	1063 1080 1442 382	DSR PTI DSR RTE	862 130 586 333	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	72.9%	74.6%	73.9%	73.5%	54	63
NEC Corridor Routes	85.2%	85.3%	81.0%	81.1%	39	41
Minimum Standard			80.0%	80.0%		
Acela Express*	89.9%	86.1%	88.4%	82.4%	28	30
Keystone	95.3%	95.6%	94.4%	94.7%	48	36
Northeast Regional	80.1%	81.2%	75.7%	77.7%	40	44
On Spine Northeast Regional	84.2%	86.1%	81.0%	83.5%	36	39
Richmond / Newport News / Norfolk	76.9%	76.3%	73.3%	73.2%	42	45
Roanoke	68.7%	69.9%	60.8%	66.8%	44	49
Springfield Shuttles	87.6%	88.0%	85.0%	87.2%	30	35
Non-NEC Corridor Routes	74.8%	79.8%	72.0%	75.8%	44	45
Minimum Standard			80.0%	80.0%		
Capitol Corridor	86.9%	88.6%	82.7%	84.7%	56	40
Carolinian	68.2%	64.7%	67.9%	61.9%	42	51
Cascades	68.7%	63.9%	59.9%	56.3%	40	45
Downeaster	84.0%	88.9%	75.1%	81.2%	37	35
Empire	79.6%	84.3%	76.5%	83.3%	39	41
Berkshire Flyer	0.0%	57.8%	0.0%	50.6%	0	41
Ethan Allen Express	82.4%	84.5%	75.2%	80.7%	37	41
Maple Leaf	75.6%	78.3%	72.3%	78.5%	51	48
New York - Albany	89.2%	92.0%	85.0%	89.4%	33	37
New York - Niagara Falls	70.8%	80.1%	65.4%	77.8%	40	41
Heartland Flyer	53.7%	67.1%	31.9%	58.3%	50	47
Hiawatha	91.7%	94.7%	89.0%	93.5%	34	36
Illinois	76.4%	72.3%	73.4%	69.0%	39	45
Carl Sandburg / Illinois Zephyr	86.2%	81.8%	87.0%	80.4%	37	41
Illini / Saluki	57.9%	51.8%	67.5%	56.4%	32	44
Lincoln Service	77.0%	75.1%	72.0%	71.8%	45	46
Lincoln / Missouri	46.0%	39.0%	44.7%	34.4%	51	67
Michigan	66.0%	66.2%	62.7%	63.2%	67	56
Blue Water	75.4%	71.8%	75.5%	65.4%	61	54
Pere Marquette	91.0%	82.7%	86.8%	74.3%	31	41
Wolverine	57.9%	62.4%	50.1%	59.7%	71	58
Missouri	57.2%	66.1%	44.5%	59.5%	35	59
Pacific Surfliner	69.4%	83.2%	79.9%	80.2%	37	40
Pennsylvanian	72.9%	68.3%	73.9%	69.5%	33	40
Piedmont	71.9%	81.2%	57.8%	73.2%	44	39
San Joaquins	72.2%	77.7%	66.6%	72.9%	39	44
Vermonteer	50.6%	76.3%	55.2%	78.7%	48	43
Long-Distance Routes	48.2%	44.0%	52.0%	44.0%	91	107
Minimum Standard			80.0%	80.0%		
Auto Train	35.5%	55.5%	18.9%	36.2%	129	119
California Zephyr	29.4%	28.4%	26.7%	27.7%	99	158
Capitol Ltd	63.7%	41.9%	65.1%	34.6%	69	86
Cardinal	45.2%	46.9%	47.3%	47.2%	61	75
City Of New Orleans	56.4%	51.0%	71.7%	60.0%	78	82
Coast Starlight	55.5%	54.0%	54.2%	53.4%	85	85
Crescent	69.2%	50.1%	72.9%	53.2%	70	97
Empire Builder	53.7%	45.5%	55.8%	47.8%	111	127
Lake Shore Ltd	69.4%	61.5%	68.0%	60.2%	57	68
Palmetto	73.9%	65.0%	81.0%	68.5%	44	57
Silver Meteor	27.9%	43.7%	45.1%	42.9%	54	82
Silver Star	35.5%	32.0%	45.2%	25.8%	72	101
Southwest Chief	44.8%	33.1%	40.3%	28.0%	90	133
Sunset Ltd	12.1%	16.3%	16.6%	20.0%	169	160
Texas Eagle	34.8%	45.9%	37.9%	47.7%	95	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.