



Host Railroad Report

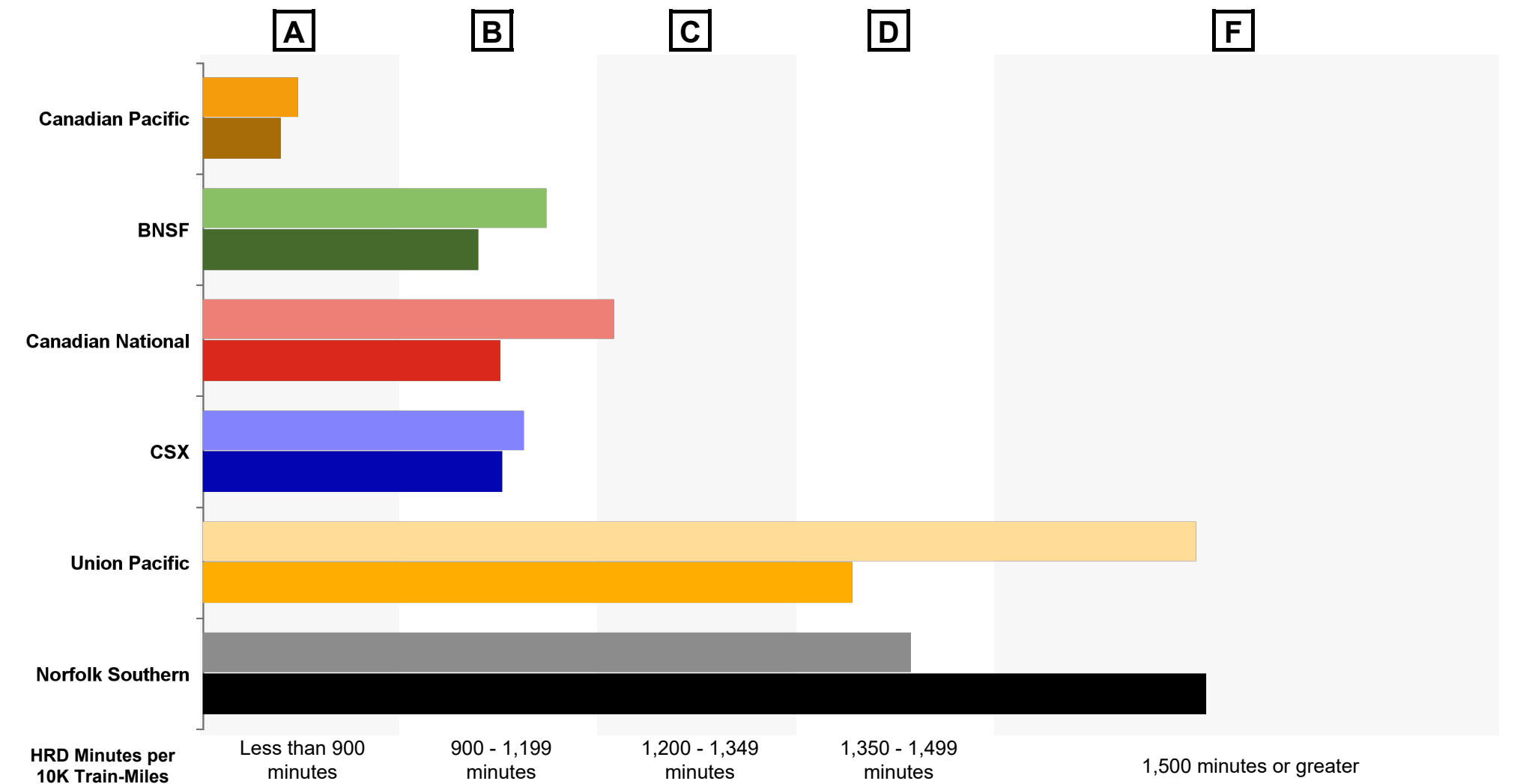
Amtrak Train Performance on Host Railroads

Data through July 2022

Host Railroad Report Card Update

Current Month and 1 Year Snapshot

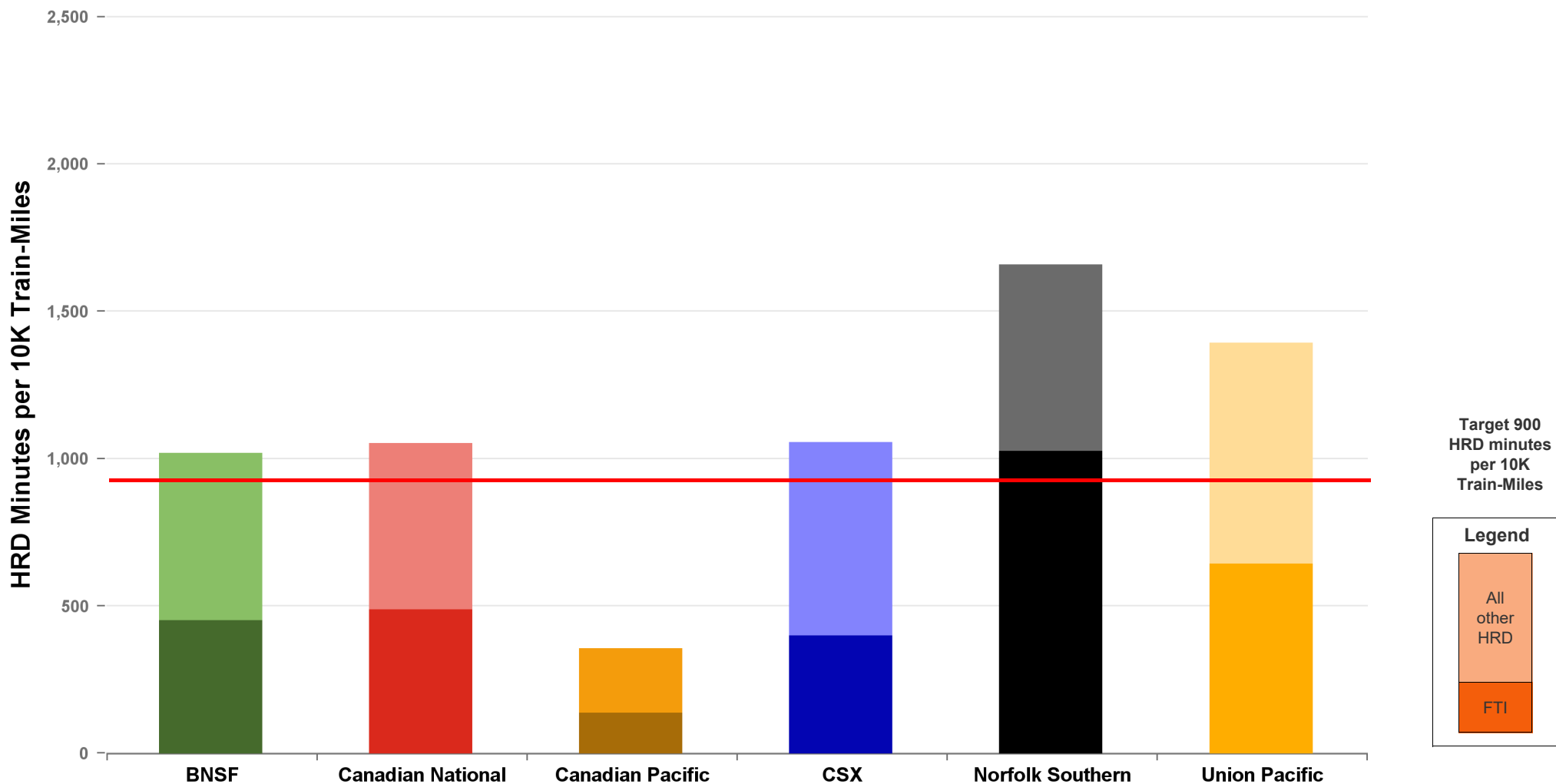
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



Total Host-Responsible Delays

1 Year Snapshot

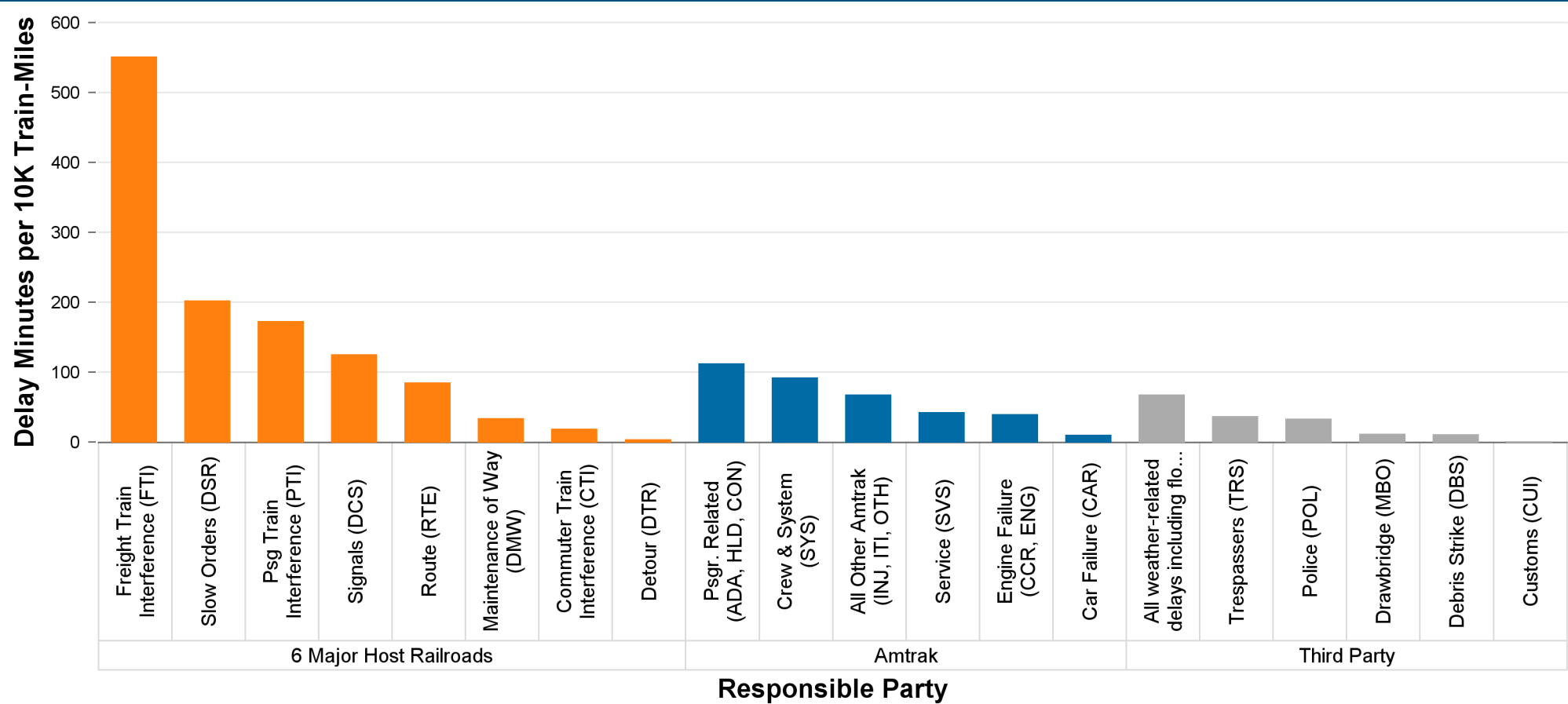
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



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.

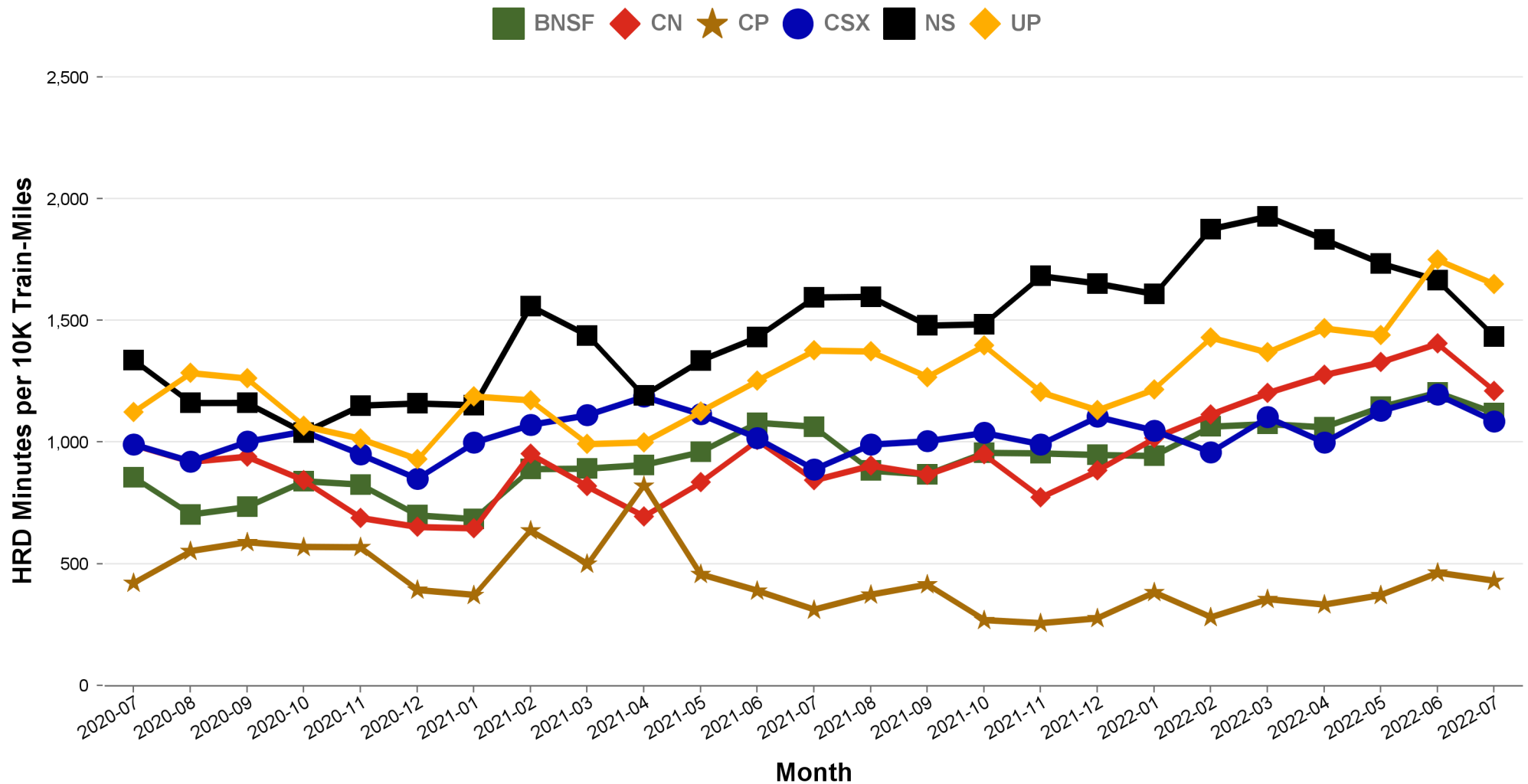


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1188	360	153
Percentage of Total Delays	69.9%	21.2%	9.0%

Total Host-Responsible Delays

2 Year Snapshot

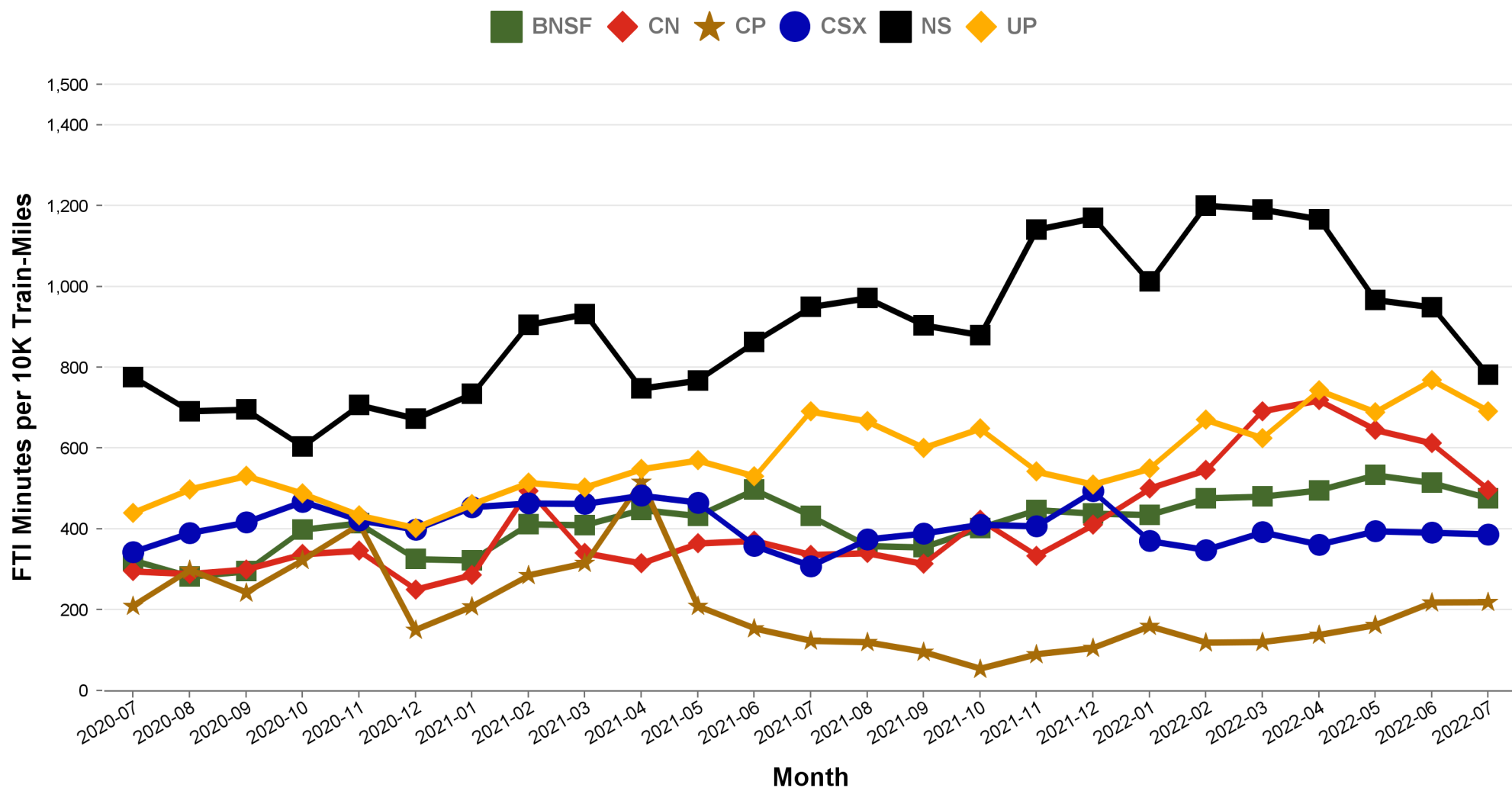
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



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 July 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	1163	992	DSR	523	FTI	320	1027
	Carl Sandburg / Illinois Zephyr	709	758	FTI	344	DSR	95	257
	Cascades	1292	1246	DSR	345	FTI	317	317
	Coast Starlight	1312	1075	DCS	311	DSR	283	158
	Empire Builder	775	896	FTI	461	DSR	137	2147
	Heartland Flyer	1867	1756	DSR	996	FTI	767	236
	Pacific Surfliner	1538	1199	FTI	383	DCS	328	22
	San Joaquins	1139	1120	PTI	447	FTI	372	284
	Southwest Chief	1272	924	FTI	696	DCS	197	2206
	Sunset Ltd	2218	1988	FTI	784	DSR	734	190
	Texas Eagle	1925	1109	DSR	859	FTI	553	116
CN	Blue Water	507	576	FTI	427	DSR	42	159
	City Of New Orleans	1233	933	FTI	425	DSR	342	930
	Illini / Saluki	769	859	DSR	429	FTI	210	304
	Lincoln Service	1704	1916	FTI	1237	DCS	195	35
	Lincoln / Missouri	2402	2454	FTI	1376	DCS	485	35
	Texas Eagle	2243	2320	FTI	1882	CTI	162	35
	Wolverine	2211	1793	DSR	1164	DCS	356	27
CP	Empire Builder	692	507	FTI	396	DSR	166	384
	Ethan Allen Express	527	601	DCS	370	FTI	79	60
	Hiawatha	139	159	FTI	52	DCS	30	53
CSX	Auto Train	1372	1463	FTI	559	DSR	367	898
	Capitol Ltd	873	815	FTI	363	RTE	260	307
	Cardinal	1429	1086	FTI	667	DSR	389	703
	Carolinian	1140	1300	PTI	379	DSR	276	295
	Lake Shore Ltd	891	725	FTI	446	RTE	147	741
	Maple Leaf	828	951	FTI	349	RTE	189	298
	New York - Niagara Falls	685	806	FTI	325	RTE	141	296
	Palmetto	1086	1149	FTI	463	PTI	248	659
	Pere Marquette	309	223	DSR	137	DCS	72	135
	Richmond / Newport News / Norfolk	1158	1235	FTI	297	PTI	216	189
	Silver Meteor	-	971		-		-	1152
	Silver Star	1144	984	FTI	317	DSR	307	1209
NS	Blue Water	2720	4181	FTI	2152	DCS	261	39
	Capitol Ltd	2030	2429	FTI	1290	DSR	254	481
	Cardinal	1813	2035	PTI	1036	FTI	319	79
	Carolinian	775	868	PTI	252	DSR	222	202
	Crescent	1676	1659	FTI	1006	DCS	193	1141
	Lake Shore Ltd	1712	2328	FTI	785	DSR	352	339
	Pennsylvanian	1223	1385	FTI	762	RTE	204	249
	Pere Marquette	2940	3676	FTI	2123	PTI	469	39
	Piedmont	810	769	FTI	295	PTI	163	173
	Richmond / Newport News / Norfolk	891	797	FTI	330	DCS	302	81
	Roanoke	574	569	FTI	241	PTI	177	216
	Silver Star	1869	1333	PTI	849	FTI	416	28
	Wolverine	2804	4414	FTI	1969	DCS	239	39
UP	California Zephyr	1888	1498	FTI	748	DSR	591	1381
	Capitol Corridor	685	718	DSR	209	PTI	206	171
	Cascades	2045	1992	FTI	780	DSR	540	125
	Coast Starlight	1547	1464	FTI	474	DCS	453	1162
	Lincoln Service	1027	979	FTI	496	PTI	315	231
	Lincoln / Missouri	1876	1672	FTI	1095	PTI	309	502
	Missouri	2077	1368	FTI	1215	DSR	461	271
	Pacific Surfliner	2535	1537	DCS	1890	PTI	537	174
	San Joaquins	1302	1202	FTI	427	PTI	408	88
	Sunset Ltd	2112	1958	FTI	1414	DSR	303	1784
	Texas Eagle	2040	1747	FTI	1243	DSR	482	1073
Amtrak	Blue Water	176	318	PTI	65	RTE	31	99
	Ethan Allen Express	332	255	PTI	115	RTE	94	100
	Maple Leaf	348	221	DSR	171	RTE	88	109
	New York - Albany	228	198	PTI	79	RTE	49	81
	New York - Niagara Falls	466	311	DSR	143	PTI	135	109
	Wolverine	410	465	PTI	232	DSR	63	99

Minutes of Delay per 10K Train Miles by Host for July 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	1190	1131	FTI	489	PTI	288	132
Fla DOT	Silver Meteor	-	770		-		-	68
	Silver Star	565	716	CTI	450	DSR	65	68
FR	Auto Train	3624	4506	CTI	1720	DSR	1161	16
	Silver Meteor	-	2328		-		-	61
	Silver Star	2060	1802	DSR	1284	CTI	479	61
MADOT	Springfield Shuttles	897	644	DCS	354	DSR	323	36
	Vermonter	306	505	DCS	218	DSR	88	50
MBTA	Downeaster	1032	1642	DCS	453	CTI	276	38
Metra	Empire Builder	1962	1252	CTI	1084	DCS	270	29
	Hiawatha	1489	1190	CTI	883	DCS	233	29
MIDOT	Blue Water	1466	426	PTI	1349	RTE	66	22
	Wolverine	1548	775	PTI	574	DMW	332	134
MNRR	Acela Express	1791	1488	DSR	1102	CTI	404	56
	Ethan Allen Express	1697	1197	CTI	1313	DSR	176	64
	Lake Shore Ltd	1062	1347	CTI	817	DSR	88	64
	Maple Leaf	950	837	CTI	542	RTE	261	64
	New York - Albany	1099	1213	CTI	709	RTE	160	64
	New York - Niagara Falls	2023	1534	CTI	1315	RTE	192	64
	Richmond / Newport News / Norfolk	1929	2005	DSR	903	CTI	615	56
	Vermonter	2468	2425	DSR	1826	CTI	432	56
NECR	Vermonter	1404	1395	DSR	1330	DCS	52	192
NMDOT	Southwest Chief	3638	1748	DCS	1577	CTI	1186	80
PanAm	Downeaster	687	733	PTI	293	DSR	231	107
SCRRA	Coast Starlight	1039	1048	PTI	652	CTI	180	48
	Pacific Surfliner	1037	1183	PTI	442	CTI	187	95
SDNRR	Pacific Surfliner	860	949	CTI	396	PTI	240	60
Sounder	Cascades	995	743	PTI	457	DCS	228	20
	Coast Starlight	2645	1582	PTI	1887	DCS	363	20
TRE	Texas Eagle	608	409	CTI	216	DSR	162	33
VTR	Ethan Allen Express	861	283	DMW	294	DSR	240	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 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	1791	1488	DSR	1102	CTI	404	56
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1158	1235	FTI	297	PTI	216	189
		NS	891	797	FTI	330	DCS	302	81
		MNRR	1929	2005	DSR	903	CTI	615	56
	Roanoke	NS	574	569	FTI	241	PTI	177	216
	Springfield Shuttles	MADOT	897	644	DCS	354	DSR	323	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	685	718	DSR	209	PTI	206	171
Carolinian		CSX	1140	1300	PTI	379	DSR	276	295
		NS	775	868	PTI	252	DSR	222	202
Cascades		BNSF	1292	1246	DSR	345	FTI	317	317
		UP	2045	1992	FTI	780	DSR	540	125
		Sounder	995	743	PTI	457	DCS	228	20
Downeaster		MBTA	1032	1642	DCS	453	CTI	276	38
		PanAm	687	733	PTI	293	DSR	231	107
Empire	Ethan Allen Express	CP	527	601	DCS	370	FTI	79	60
		Amtrak	332	255	PTI	115	RTE	94	100
		MNRR	1697	1197	CTI	1313	DSR	176	64
		VTR	861	283	DMW	294	DSR	240	24
	Maple Leaf	CSX	828	951	FTI	349	RTE	189	298
		Amtrak	348	221	DSR	171	RTE	88	109
		MNRR	950	837	CTI	542	RTE	261	64
	New York - Albany	Amtrak	228	198	PTI	79	RTE	49	81
		MNRR	1099	1213	CTI	709	RTE	160	64
	New York - Niagara Falls	CSX	685	806	FTI	325	RTE	141	296
		Amtrak	466	311	DSR	143	PTI	135	109
		MNRR	2023	1534	CTI	1315	RTE	192	64
Heartland Flyer		BNSF	1867	1756	DSR	996	FTI	767	236
Hiawatha		CP	139	159	FTI	52	DCS	30	53
		Metra	1489	1190	CTI	883	DCS	233	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	709	758	FTI	344	DSR	95	257
	Illini / Saluki	CN	769	859	DSR	429	FTI	210	304
	Lincoln Service	CN	1704	1916	FTI	1237	DCS	195	35
		UP	1027	979	FTI	496	PTI	315	231
Lincoln / Missouri		CN	2402	2454	FTI	1376	DCS	485	35
		UP	1876	1672	FTI	1095	PTI	309	502
Michigan	Blue Water	CN	507	576	FTI	427	DSR	42	159
		NS	2720	4181	FTI	2152	DCS	261	39
		Amtrak	176	318	PTI	65	RTE	31	99
		MIDOT	1466	426	PTI	1349	RTE	66	22
	Pere Marquette	CSX	309	223	DSR	137	DCS	72	135
		NS	2940	3676	FTI	2123	PTI	469	39
	Wolverine	CN	2211	1793	DSR	1164	DCS	356	27
		NS	2804	4414	FTI	1969	DCS	239	39
		Amtrak	410	465	PTI	232	DSR	63	99
		MIDOT	1548	775	PTI	574	DMW	332	134
Missouri		UP	2077	1368	FTI	1215	DSR	461	271
Pacific Surfliner		BNSF	1538	1199	FTI	383	DCS	328	22
		UP	2535	1537	DCS	1890	PTI	537	174
		SCRRA	1037	1183	PTI	442	CTI	187	95
		SDNRR	860	949	CTI	396	PTI	240	60
Pennsylvanian		NS	1223	1385	FTI	762	RTE	204	249
Piedmont		NS	810	769	FTI	295	PTI	163	173
San Joaquins		BNSF	1139	1120	PTI	447	FTI	372	284
		UP	1302	1202	FTI	427	PTI	408	88
Vermonter		MADOT	306	505	DCS	218	DSR	88	50
		MNRR	2468	2425	DSR	1826	CTI	432	56
		NECR	1404	1395	DSR	1330	DCS	52	192

Minutes of Delay per 10K Train Miles by Service for July 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	1372 3624	1463 4506	FTI CTI	559 1720	DSR DSR	367 1161	898 16
California Zephyr	BNSF UP	1163 1888	992 1498	DSR FTI	523 748	FTI DSR	320 591	1027 1381
Capitol Ltd	CSX NS	873 2030	815 2429	FTI FTI	363 1290	RTE DSR	260 254	307 481
Cardinal	CSX NS BBrRR	1429 1813 1190	1086 2035 1131	FTI PTI FTI	667 1036 489	DSR FTI PTI	389 319 288	703 79 132
City Of New Orleans	CN	1233	933	FTI	425	DSR	342	930
Coast Starlight	BNSF UP SCRRA Sounder	1312 1547 1039 2645	1075 1464 1048 1582	DCS FTI PTI PTI	311 474 652 1887	DSR DCS CTI DCS	283 453 180 363	158 1162 48 20
Crescent	NS	1676	1659	FTI	1006	DCS	193	1141
Empire Builder	BNSF CP Metra	775 692 1962	896 507 1252	FTI FTI CTI	461 396 1084	DSR DSR DCS	137 166 270	2147 384 29
Lake Shore Ltd	CSX NS MNRR	891 1712 1062	725 2328 1347	FTI FTI CTI	446 785 817	RTE DSR DSR	147 352 88	741 339 64
Palmetto	CSX	1086	1149	FTI	463	PTI	248	659
Silver Meteor	CSX Fla DOT FR	- - -	971 770 2328	- - -	- - -	- - -	- - -	1152 68 61
Silver Star	CSX NS Fla DOT FR	1144 1869 565 2060	984 1333 716 1802	FTI PTI CTI DSR	317 849 450 1284	DSR FTI DSR CTI	307 416 65 479	1209 28 68 61
Southwest Chief	BNSF NMDOT	1272 3638	924 1748	FTI DCS	696 1577	DCS CTI	197 1186	2206 80
Sunset Ltd	BNSF UP	2218 2112	1988 1958	FTI FTI	784 1414	DSR DSR	734 303	190 1784
Texas Eagle	BNSF CN UP TRE	1925 2243 2040 608	1109 2320 1747 409	DSR FTI FTI CTI	859 1882 1243 216	FTI CTI DSR DSR	553 162 482 162	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	70.2%	75.8%	66.7%	74.6%	71	64
NEC Corridor Routes	81.5%	85.8%	73.7%	82.0%	37	40
Minimum Standard			80.0%	80.0%		
Acela Express*	79.7%	85.7%	70.4%	82.2%	25	28
Keystone	94.7%	95.1%	93.1%	93.7%	39	35
Northeast Regional	76.7%	82.6%	70.8%	79.5%	41	43
On Spine Northeast Regional	83.4%	86.9%	79.3%	84.7%	40	41
Richmond / Newport News / Norfolk	71.2%	76.1%	64.9%	74.2%	42	45
Roanoke	60.4%	76.2%	50.7%	71.3%	39	43
Springfield Shuttles	83.9%	88.8%	79.9%	88.9%	34	38
Non-NEC Corridor Routes	77.0%	81.4%	71.8%	77.6%	50	45
Minimum Standard			80.0%	80.0%		
Capitol Corridor	89.8%	89.8%	86.9%	86.1%	40	39
Carolinian	45.4%	66.5%	39.0%	63.8%	60	53
Cascades	59.0%	63.6%	49.1%	56.7%	56	46
Downeaster	89.0%	89.4%	82.1%	82.1%	27	36
Empire	76.5%	85.2%	77.0%	85.2%	40	41
Berkshire Flyer	68.8%	68.8%	74.3%	74.3%	25	25
Ethan Allen Express	62.9%	87.5%	63.7%	86.0%	36	42
Maple Leaf	69.0%	80.1%	70.0%	80.8%	46	48
New York - Albany	90.5%	91.5%	85.2%	90.4%	35	38
New York - Niagara Falls	73.5%	80.7%	72.2%	79.3%	45	40
Heartland Flyer	63.1%	72.1%	54.5%	67.4%	38	44
Hiawatha	95.0%	95.4%	93.7%	94.4%	32	34
Illinois	72.0%	74.9%	67.4%	71.7%	45	44
Carl Sandburg / Illinois Zephyr	84.5%	84.2%	81.5%	81.7%	35	43
Illini / Saluki	52.9%	55.1%	58.3%	58.4%	45	43
Lincoln Service	70.6%	78.7%	67.2%	75.7%	47	45
Lincoln / Missouri	30.0%	33.7%	22.6%	27.3%	89	77
Michigan	65.6%	68.9%	66.1%	63.8%	62	53
Blue Water	73.0%	74.2%	74.7%	63.2%	60	53
Pere Marquette	79.7%	82.1%	70.1%	71.1%	61	44
Wolverine	61.6%	65.7%	61.7%	62.3%	62	55
Missouri	33.6%	70.3%	14.0%	65.2%	75	62
Pacific Surfliner	83.6%	84.4%	78.5%	81.8%	39	41
Pennsylvanian	70.4%	67.4%	67.7%	68.4%	43	41
Piedmont	71.8%	81.8%	71.9%	75.5%	39	38
San Joaquins	74.7%	79.7%	69.9%	75.5%	52	46
Vermonteer	72.0%	81.7%	70.2%	83.2%	38	40
Long-Distance Routes	33.6%	46.2%	32.6%	45.0%	135	106
Minimum Standard			80.0%	80.0%		
Auto Train	65.3%	56.6%	44.8%	35.5%	97	125
California Zephyr	10.9%	31.2%	5.4%	31.3%	252	153
Capitol Ltd	34.7%	37.9%	23.8%	28.2%	91	87
Cardinal	35.3%	48.0%	28.4%	49.2%	94	77
City Of New Orleans	35.1%	56.6%	44.6%	65.4%	84	82
Coast Starlight	43.5%	53.4%	42.2%	55.0%	89	88
Crescent	46.5%	50.5%	44.9%	53.0%	92	99
Empire Builder	40.8%	46.8%	41.1%	48.1%	171	122
Lake Shore Ltd	58.0%	59.7%	60.5%	56.8%	74	68
Palmetto	57.9%	64.1%	51.0%	66.6%	55	56
Silver Meteor	-	54.9%	-	49.7%	0	80
Silver Star	19.6%	37.8%	12.5%	28.7%	141	101
Southwest Chief	15.3%	36.3%	7.4%	31.0%	182	130
Sunset Ltd	10.0%	18.6%	10.4%	23.5%	145	153
Texas Eagle	33.1%	50.6%	35.3%	52.6%	109	93

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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.