



Host Railroad Report

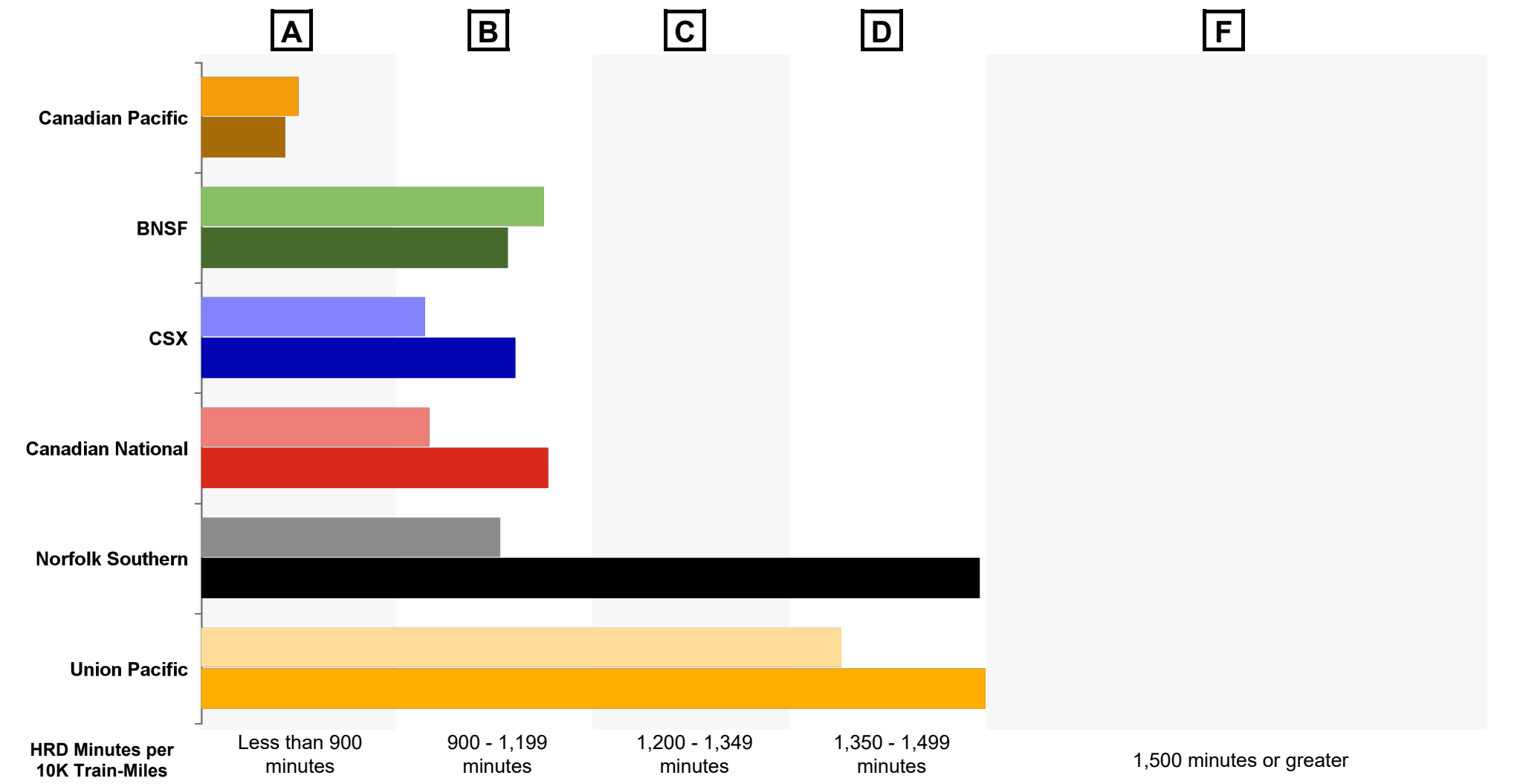
Amtrak Train Performance on Host Railroads

Data through November 2022

Host Railroad Report Card Update

Current Month and 1 Year Snapshot

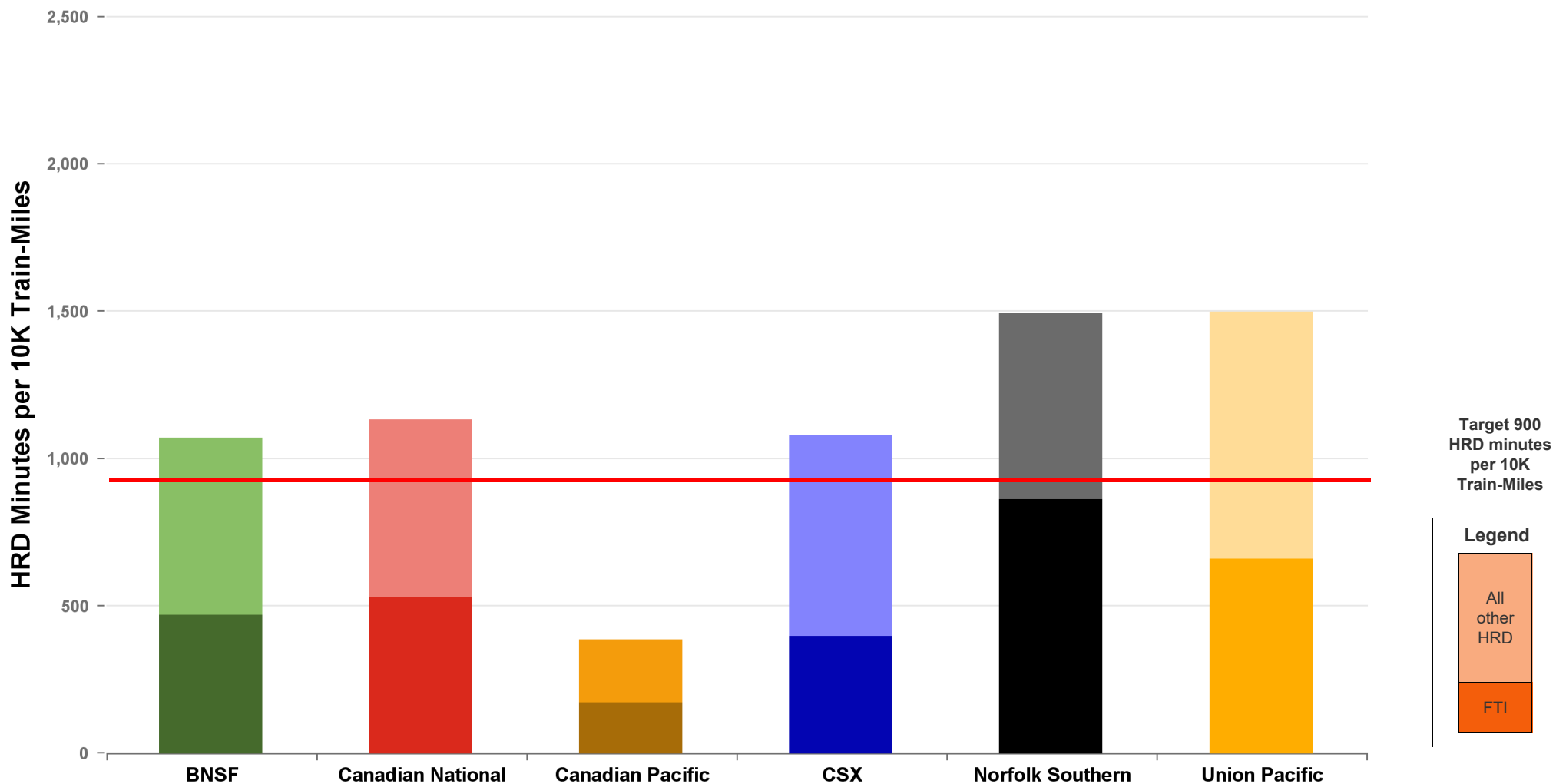
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



Total Host-Responsible Delays

1 Year Snapshot

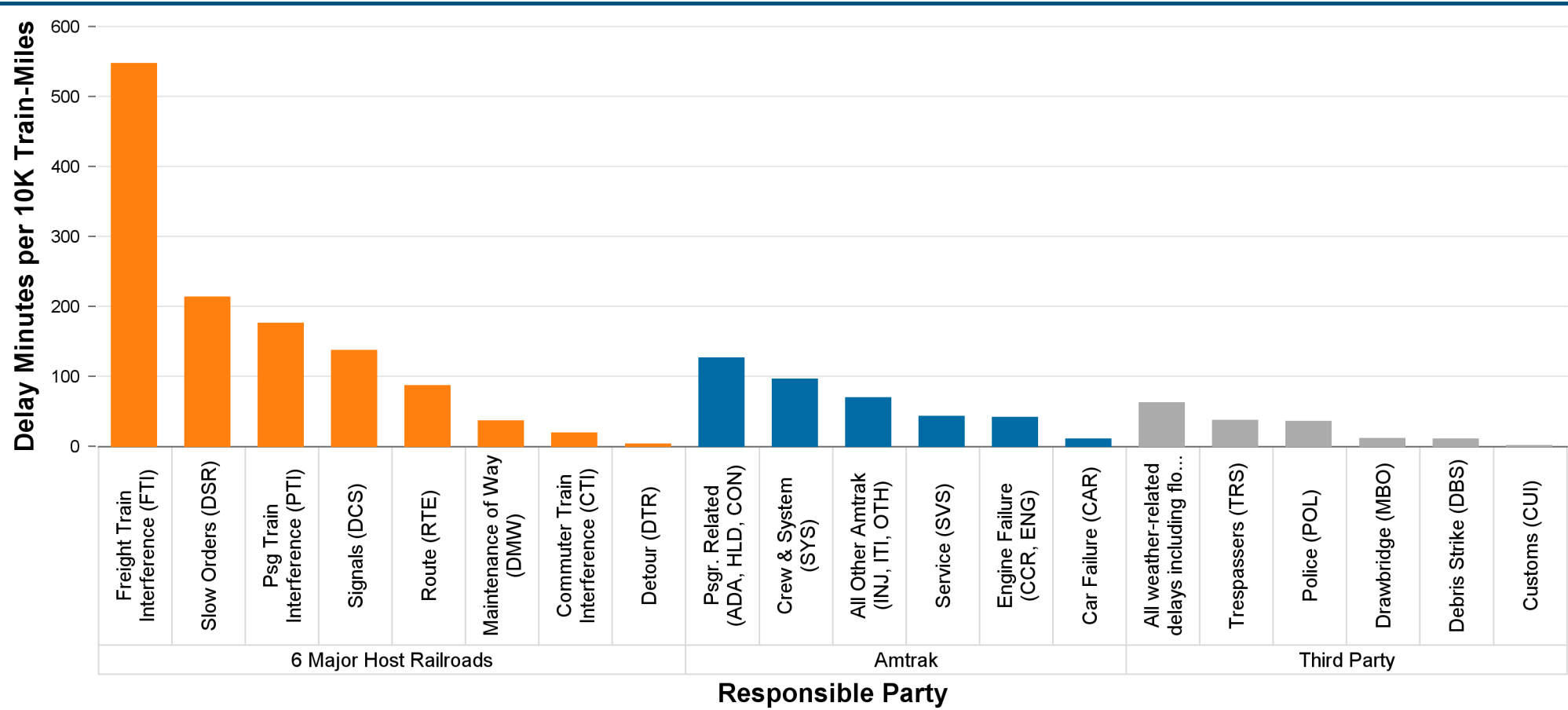
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



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.

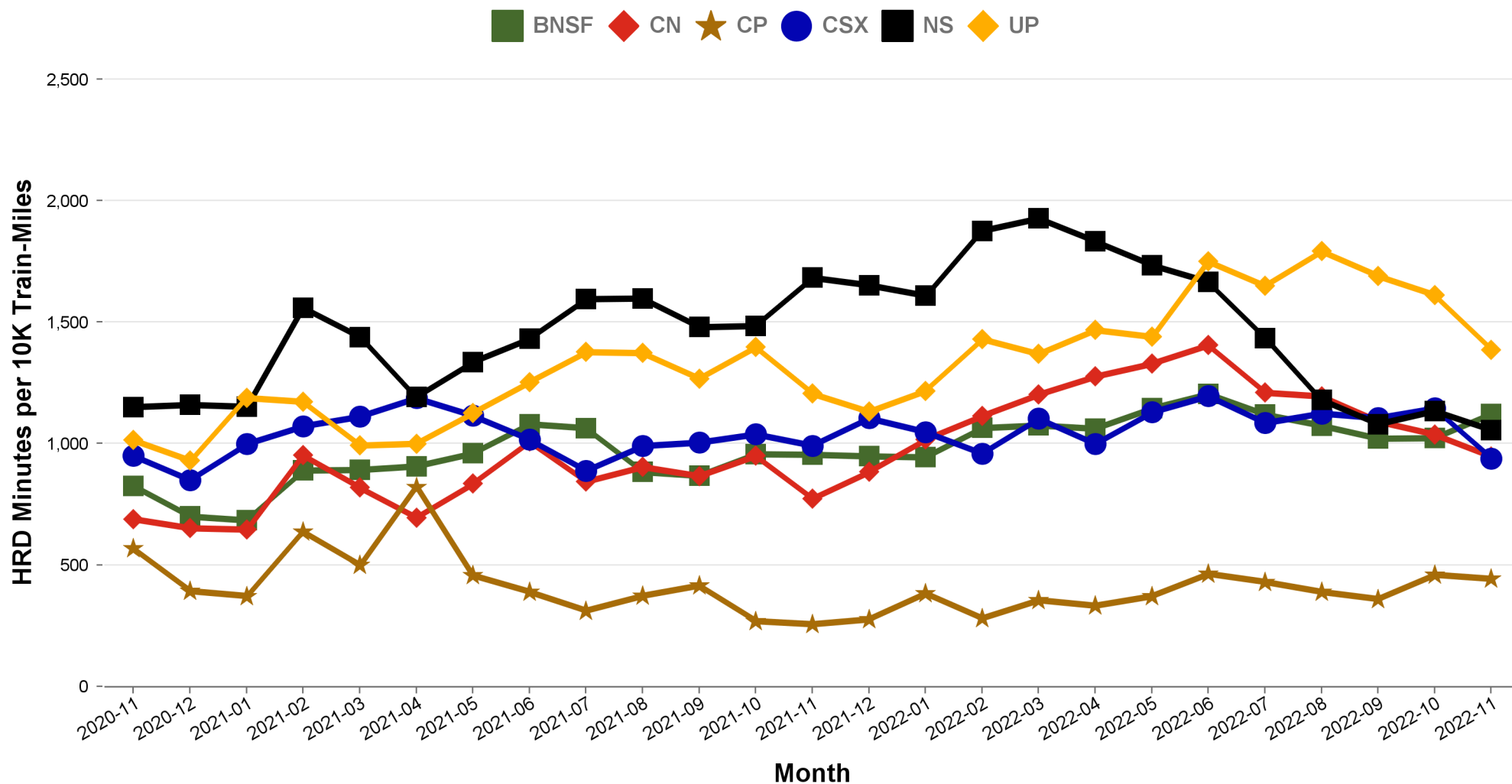


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1227	388	158
Percentage of Total Delays	69.2%	21.9%	8.9%

Total Host-Responsible Delays

2 Year Snapshot

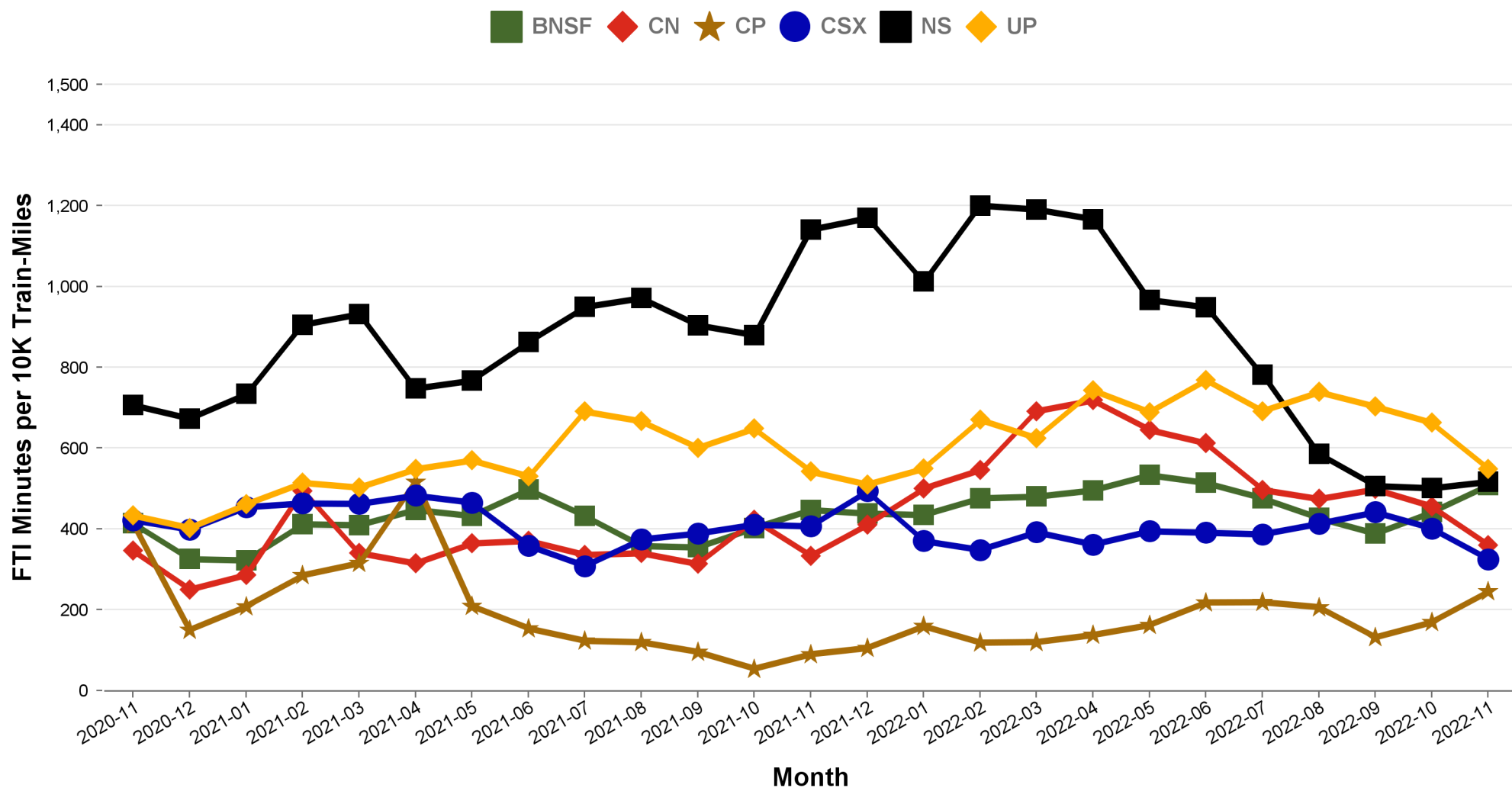
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



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 November 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	892	994	FTI	337	DSR	256	1027
	Carl Sandburg / Illinois Zephyr	981	818	FTI	252	DSR	241	257
	Cascades	1499	1385	FTI	470	DSR	408	317
	Coast Starlight	1420	1284	DCS	334	FTI	314	158
	Empire Builder	1150	917	FTI	805	DSR	106	2147
	Heartland Flyer	1673	2035	DSR	771	FTI	722	236
	Pacific Surfliner	860	1333	DCS	350	FTI	248	22
	San Joaquins	1321	1163	FTI	490	PTI	409	284
	Southwest Chief	863	949	FTI	397	DSR	139	2206
	Sunset Ltd	1172	1881	FTI	536	DCS	319	190
	Texas Eagle	2013	1394	DSR	1178	FTI	497	116
CN	Blue Water	520	653	FTI	379	DSR	52	159
	City Of New Orleans	884	1063	FTI	255	DSR	214	930
	Illini / Saluki	615	813	DSR	290	FTI	224	304
	Lincoln Service	1679	1956	FTI	1132	DCS	248	35
	Lincoln / Missouri	2016	2537	FTI	1221	DCS	239	35
	Texas Eagle	1801	2158	FTI	1183	DCS	321	35
	Wolverine	1850	1827	DSR	619	FTI	509	27
	CP	Empire Builder	747	581	FTI	404	DCS	86
Ethan Allen Express		318	594	FTI	279	DCS	34	60
Hiawatha		165	157	FTI	85	PTI	27	53
CSX	Auto Train	1398	1448	FTI	512	DSR	313	898
	Capitol Ltd	670	775	FTI	222	RTE	202	307
	Cardinal	843	1071	FTI	340	DSR	215	703
	Carolinian	1247	1293	PTI	385	FTI	219	295
	Lake Shore Ltd	867	813	FTI	406	RTE	134	741
	Maple Leaf	618	961	FTI	279	RTE	171	298
	New York - Niagara Falls	706	846	FTI	377	RTE	150	296
	Palmetto	954	1161	FTI	368	PTI	219	659
	Pere Marquette	81	192	FTI	62	DSR	17	135
	Richmond / Newport News / Norfolk	1141	1272	FTI	294	RTE	216	189
	Silver Meteor	818	984	FTI	292	PTI	179	1152
	Silver Star	803	1014	FTI	237	PTI	213	1209
NS	Blue Water	2631	3997	FTI	1898	RTE	234	39
	Capitol Ltd	1332	2143	FTI	769	RTE	205	481
	Cardinal	1638	2031	FTI	757	PTI	625	79
	Carolinian	821	856	PTI	310	FTI	274	202
	Crescent	1217	1564	FTI	633	DCS	250	1141
	Lake Shore Ltd	1053	1941	FTI	514	PTI	251	339
	Pennsylvanian	791	1239	FTI	372	RTE	195	249
	Pere Marquette	1473	3169	FTI	932	PTI	283	39
	Piedmont	623	727	FTI	212	PTI	127	173
	Richmond / Newport News / Norfolk	767	766	DSR	267	FTI	194	81
	Roanoke	726	688	FTI	329	PTI	248	216
	Silver Star	866	1290	DCS	459	FTI	259	28
	Wolverine	2312	4030	FTI	1229	DCS	367	39
	UP	California Zephyr	1407	1583	FTI	620	DSR	326
Capitol Corridor		622	755	PTI	204	DSR	141	171
Cascades		1290	1836	FTI	515	PTI	320	125
Coast Starlight		1445	1499	DCS	481	FTI	474	1162
Lincoln Service		971	1077	FTI	473	PTI	299	231
Lincoln / Missouri		1229	1607	FTI	733	PTI	175	502
Missouri		-	1314		-		-	271
Pacific Surfliner		2364	1877	DCS	1677	PTI	545	174
San Joaquins		1505	1333	PTI	586	FTI	369	88
Sunset Ltd		1851	2071	FTI	1030	DSR	309	1784
Texas Eagle		1773	1951	FTI	1019	DSR	397	1073
Amtrak	Blue Water	297	295	PTI	103	DMW	68	99
	Ethan Allen Express	203	363	PTI	128	RTE	41	100
	Maple Leaf	430	348	DCS	180	RTE	130	109
	New York - Albany	204	212	PTI	81	RTE	62	81
	New York - Niagara Falls	318	375	DSR	89	DCS	87	109
	Wolverine	555	412	PTI	320	DSR	124	99

Minutes of Delay per 10K Train Miles by Host for November 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	980	1307	PTI	419	FTI	288	132
Fla DOT	Silver Meteor	772	755	CTI	519	PTI	93	68
	Silver Star	854	774	CTI	726	DCS	40	68
FR	Auto Train	7702	4760	DSR	5702	CTI	1024	16
	Silver Meteor	5470	4000	DSR	1575	DCS	1508	61
	Silver Star	4120	2264	DCS	2113	DSR	1441	61
MADOT	Springfield Shuttles	1234	708	DSR	508	FTI	375	36
	Vermonter	509	514	DSR	348	FTI	90	50
MBTA	Downeaster	912	1277	CTI	361	DCS	310	38
Metra	Empire Builder	2073	1443	CTI	1107	DSR	468	29
	Hiawatha	2030	1381	CTI	988	DSR	294	29
MIDOT	Blue Water	1091	492	PTI	653	DSR	198	22
	Wolverine	1076	944	PTI	486	DSR	392	134
MNRR	Acela Express	1707	1573	DSR	1138	CTI	396	56
	Ethan Allen Express	742	1073	CTI	373	RTE	157	64
	Lake Shore Ltd	1023	1159	CTI	820	DSR	113	64
	Maple Leaf	877	832	CTI	400	RTE	243	64
	New York - Albany	923	1057	CTI	565	RTE	120	64
	New York - Niagara Falls	1571	1512	CTI	1030	RTE	218	64
	Richmond / Newport News / Norfolk	2080	1957	DSR	1090	CTI	747	56
	Vermonter	3128	2606	DSR	2417	CTI	506	56
NECR	Vermonter	1583	1595	DSR	1484	DCS	77	192
NMDOT	Southwest Chief	2584	2008	CTI	1291	PTI	652	80
PanAm	Downeaster	697	774	PTI	249	DSR	230	107
SCRRA	Coast Starlight	1246	1067	PTI	993	CTI	140	48
	Pacific Surfliner	798	1197	PTI	260	CTI	248	95
SDNRR	Pacific Surfliner	1170	973	CTI	632	PTI	228	60
Sounder	Cascades	1099	786	PTI	516	RTE	247	20
	Coast Starlight	1917	1884	PTI	1517	CTI	208	20
TRE	Texas Eagle	187	531	CTI	91	DSR	61	33
VTR	Ethan Allen Express	737	681	DSR	611	DCS	88	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 November 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	1707	1573	DSR	1138	CTI	396	56
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1141	1272	FTI	294	RTE	216	189
		NS	767	766	DSR	267	FTI	194	81
		MNRR	2080	1957	DSR	1090	CTI	747	56
	Roanoke	NS	726	688	FTI	329	PTI	248	216
	Springfield Shuttles	MADOT	1234	708	DSR	508	FTI	375	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	622	755	PTI	204	DSR	141	171
Carolinian		CSX	1247	1293	PTI	385	FTI	219	295
		NS	821	856	PTI	310	FTI	274	202
Cascades		BNSF	1499	1385	FTI	470	DSR	408	317
		UP	1290	1836	FTI	515	PTI	320	125
		Sounder	1099	786	PTI	516	RTE	247	20
Downeaster		MBTA	912	1277	CTI	361	DCS	310	38
		PanAm	697	774	PTI	249	DSR	230	107
Empire	Ethan Allen Express	CP	318	594	FTI	279	DCS	34	60
		Amtrak	203	363	PTI	128	RTE	41	100
		MNRR	742	1073	CTI	373	RTE	157	64
		VTR	737	681	DSR	611	DCS	88	24
	Maple Leaf	CSX	618	961	FTI	279	RTE	171	298
		Amtrak	430	348	DCS	180	RTE	130	109
		MNRR	877	832	CTI	400	RTE	243	64
	New York - Albany	Amtrak	204	212	PTI	81	RTE	62	81
		MNRR	923	1057	CTI	565	RTE	120	64
	New York - Niagara Falls	CSX	706	846	FTI	377	RTE	150	296
		Amtrak	318	375	DSR	89	DCS	87	109
		MNRR	1571	1512	CTI	1030	RTE	218	64
Heartland Flyer		BNSF	1673	2035	DSR	771	FTI	722	236
Hiawatha		CP	165	157	FTI	85	PTI	27	53
		Metra	2030	1381	CTI	988	DSR	294	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	981	818	FTI	252	DSR	241	257
	Illini / Saluki	CN	615	813	DSR	290	FTI	224	304
	Lincoln Service	CN	1679	1956	FTI	1132	DCS	248	35
		UP	971	1077	FTI	473	PTI	299	231
Lincoln / Missouri		CN	2016	2537	FTI	1221	DCS	239	35
		UP	1229	1607	FTI	733	PTI	175	502
Michigan	Blue Water	CN	520	653	FTI	379	DSR	52	159
		NS	2631	3997	FTI	1898	RTE	234	39
		Amtrak	297	295	PTI	103	DMW	68	99
		MIDOT	1091	492	PTI	653	DSR	198	22
	Pere Marquette	CSX	81	192	FTI	62	DSR	17	135
		NS	1473	3169	FTI	932	PTI	283	39
	Wolverine	CN	1850	1827	DSR	619	FTI	509	27
		NS	2312	4030	FTI	1229	DCS	367	39
		Amtrak	555	412	PTI	320	DSR	124	99
		MIDOT	1076	944	PTI	486	DSR	392	134
Missouri		UP	-	1314		-		-	271
Pacific Surfliner		BNSF	860	1333	DCS	350	FTI	248	22
		UP	2364	1877	DCS	1677	PTI	545	174
		SCRRA	798	1197	PTI	260	CTI	248	95
		SDNRR	1170	973	CTI	632	PTI	228	60
Pennsylvanian		NS	791	1239	FTI	372	RTE	195	249
Piedmont		NS	623	727	FTI	212	PTI	127	173
San Joaquins		BNSF	1321	1163	FTI	490	PTI	409	284
		UP	1505	1333	PTI	586	FTI	369	88
Vermonter		MADOT	509	514	DSR	348	FTI	90	50
		MNRR	3128	2606	DSR	2417	CTI	506	56
		NECR	1583	1595	DSR	1484	DCS	77	192

Minutes of Delay per 10K Train Miles by Service for November 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	1398 7702	1448 4760	FTI DSR	512 5702	DSR CTI	313 1024	898 16
California Zephyr	BNSF UP	892 1407	994 1583	FTI FTI	337 620	DSR DSR	256 326	1027 1381
Capitol Ltd	CSX NS	670 1332	775 2143	FTI FTI	222 769	RTE RTE	202 205	307 481
Cardinal	CSX NS BBrRR	843 1638 980	1071 2031 1307	FTI FTI PTI	340 757 419	DSR PTI FTI	215 625 288	703 79 132
City Of New Orleans	CN	884	1063	FTI	255	DSR	214	930
Coast Starlight	BNSF UP SCRRA Sounder	1420 1445 1246 1917	1284 1499 1067 1884	DCS DCS PTI PTI	334 481 993 1517	FTI FTI CTI CTI	314 474 140 208	158 1162 48 20
Crescent	NS	1217	1564	FTI	633	DCS	250	1141
Empire Builder	BNSF CP Metra	1150 747 2073	917 581 1443	FTI FTI CTI	805 404 1107	DSR DCS DSR	106 86 468	2147 384 29
Lake Shore Ltd	CSX NS MNRR	867 1053 1023	813 1941 1159	FTI FTI CTI	406 514 820	RTE PTI DSR	134 251 113	741 339 64
Palmetto	CSX	954	1161	FTI	368	PTI	219	659
Silver Meteor	CSX Fla DOT FR	818 772 5470	984 755 4000	FTI CTI DSR	292 519 1575	PTI PTI DCS	179 93 1508	1152 68 61
Silver Star	CSX NS Fla DOT FR	803 866 854 4120	1014 1290 774 2264	FTI DCS CTI DCS	237 459 726 2113	PTI FTI DCS DSR	213 259 40 1441	1209 28 68 61
Southwest Chief	BNSF NMDOT	863 2584	949 2008	FTI CTI	397 1291	DSR PTI	139 652	2206 80
Sunset Ltd	BNSF UP	1172 1851	1881 2071	FTI FTI	536 1030	DCS DSR	319 309	190 1784
Texas Eagle	BNSF CN UP TRE	2013 1801 1773 187	1394 2158 1951 531	DSR FTI FTI CTI	1178 1183 1019 91	FTI DCS DSR DSR	497 321 397 61	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.



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	75.2%	74.5%	74.5%	73.5%	55	64
NEC Corridor Routes	85.6%	85.3%	80.0%	81.0%	39	41
Minimum Standard			80.0%	80.0%		
Acela Express*	89.2%	86.4%	86.8%	83.0%	30	31
Keystone	94.6%	95.5%	93.6%	94.7%	38	38
Northeast Regional	81.1%	81.0%	74.6%	77.4%	41	44
On Spine Northeast Regional	83.0%	85.9%	78.1%	83.2%	40	40
Richmond / Newport News / Norfolk	77.9%	76.2%	71.2%	73.0%	41	45
Roanoke	73.0%	69.2%	68.0%	66.0%	46	48
Springfield Shuttles	91.1%	88.7%	89.0%	88.0%	33	35
Non-NEC Corridor Routes	79.3%	79.7%	75.8%	75.7%	40	45
Minimum Standard			80.0%	80.0%		
Capitol Corridor	86.8%	88.6%	79.4%	84.5%	37	39
Carolinian	70.1%	64.7%	68.0%	62.0%	42	50
Cascades	66.4%	64.4%	54.5%	56.3%	41	45
Downeaster	93.3%	89.5%	92.3%	82.6%	30	34
Empire	83.9%	84.4%	82.8%	83.3%	42	42
Berkshire Flyer	0.0%	57.8%	0.0%	50.6%	0	41
Ethan Allen Express	87.1%	84.3%	82.9%	80.3%	49	42
Maple Leaf	79.6%	78.4%	83.0%	78.7%	37	47
New York - Albany	90.5%	91.9%	87.6%	89.3%	45	39
New York - Niagara Falls	78.3%	80.4%	74.4%	77.9%	39	41
Heartland Flyer	72.1%	66.2%	75.7%	58.0%	40	46
Hiawatha	91.8%	94.3%	88.0%	92.8%	27	35
Illinois	65.2%	71.1%	67.9%	68.1%	40	45
Carl Sandburg / Illinois Zephyr	53.8%	79.1%	63.8%	78.7%	33	41
Illini / Saluki	62.3%	51.8%	63.3%	56.2%	29	43
Lincoln Service	76.3%	74.0%	72.2%	70.9%	53	47
Lincoln / Missouri	55.3%	41.6%	54.9%	37.7%	49	65
Michigan	67.4%	66.5%	64.5%	64.0%	46	56
Blue Water	68.1%	70.9%	62.7%	65.4%	57	56
Pere Marquette	91.6%	83.2%	87.3%	75.5%	62	44
Wolverine	64.1%	63.0%	60.4%	60.8%	41	58
Missouri	0.0%	67.1%	0.0%	60.7%	0	58
Pacific Surfliner	85.5%	83.0%	83.7%	80.1%	34	40
Pennsylvanian	71.0%	69.4%	72.9%	70.6%	30	39
Piedmont	79.1%	80.8%	65.9%	72.6%	57	42
San Joaquins	72.7%	77.4%	65.5%	72.4%	38	43
Vermonteer	74.8%	75.6%	81.7%	78.3%	29	43
Long-Distance Routes	49.3%	43.4%	52.6%	43.8%	96	108
Minimum Standard			80.0%	80.0%		
Auto Train	41.7%	54.2%	31.9%	35.9%	156	123
California Zephyr	31.9%	26.6%	32.6%	25.9%	94	156
Capitol Ltd	57.6%	43.7%	57.6%	37.3%	64	85
Cardinal	58.9%	46.6%	53.0%	46.1%	71	75
City Of New Orleans	74.0%	50.8%	80.4%	60.1%	51	80
Coast Starlight	57.2%	53.0%	57.9%	52.4%	68	85
Crescent	65.2%	51.4%	70.3%	55.2%	52	92
Empire Builder	33.0%	44.1%	33.5%	46.5%	177	134
Lake Shore Ltd	65.4%	61.7%	72.8%	61.3%	62	68
Palmetto	72.6%	65.0%	73.7%	68.6%	34	57
Silver Meteor	47.5%	40.7%	50.3%	42.8%	62	78
Silver Star	48.3%	32.2%	49.8%	26.5%	72	101
Southwest Chief	28.3%	31.7%	23.0%	26.0%	127	134
Sunset Ltd	21.7%	16.2%	28.7%	19.6%	96	158
Texas Eagle	48.9%	44.2%	54.5%	46.4%	81	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.