



Host Railroad Report

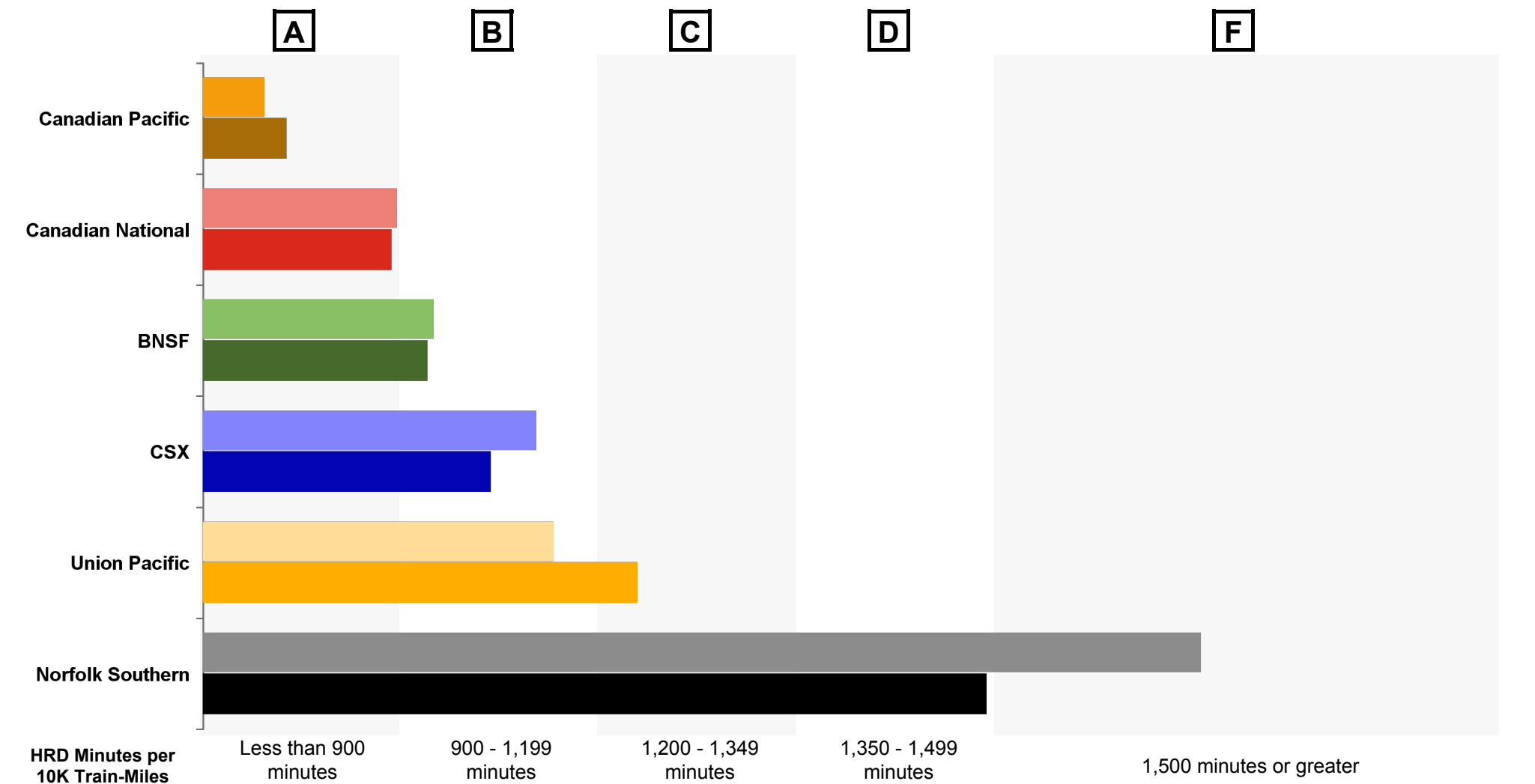
Amtrak Train Performance on Host Railroads

Data through December 2021

Host Railroad Report Card Update

Current Month and 1 Year Snapshot

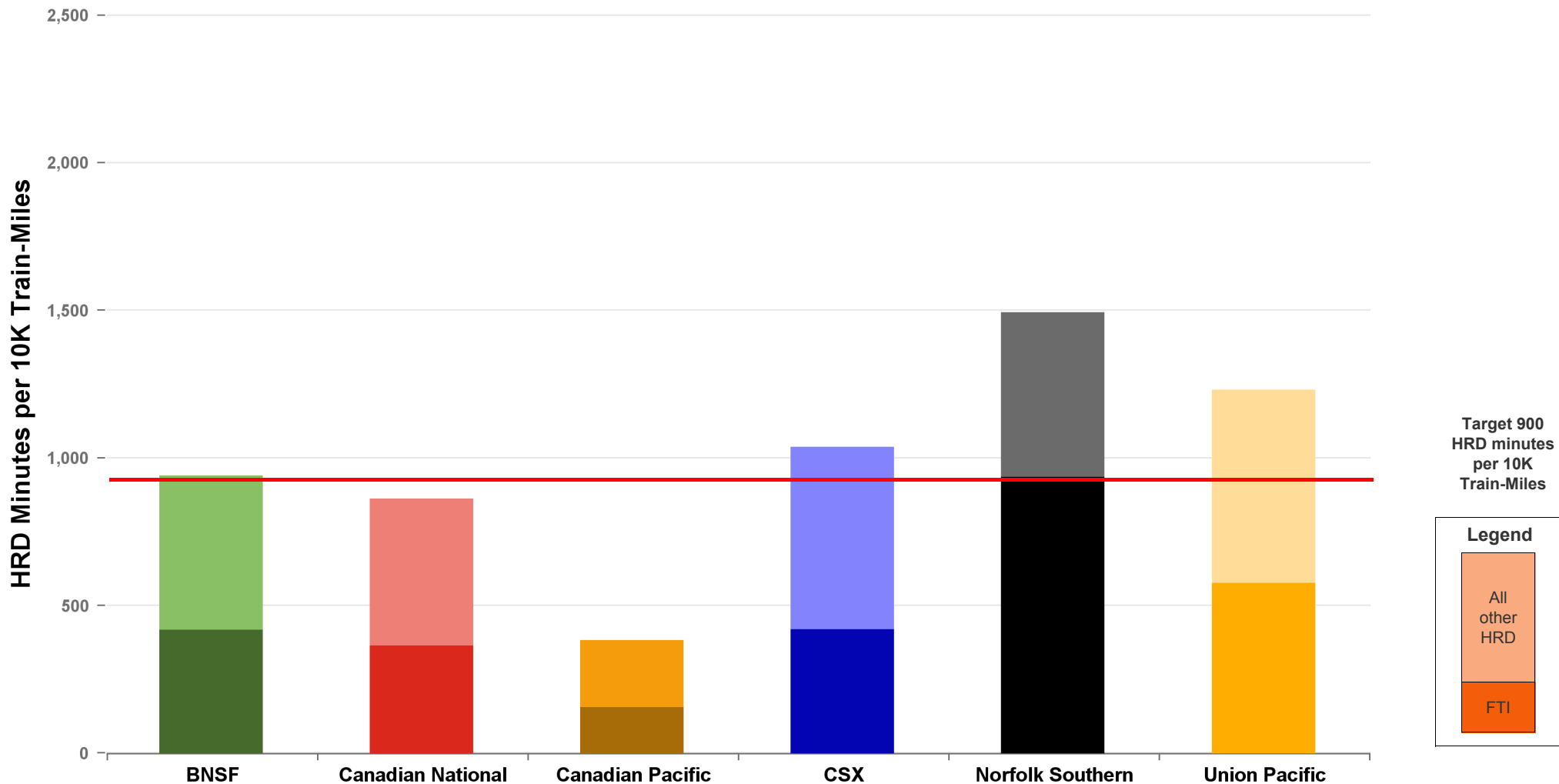
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



Total Host-Responsible Delays

1 Year Snapshot

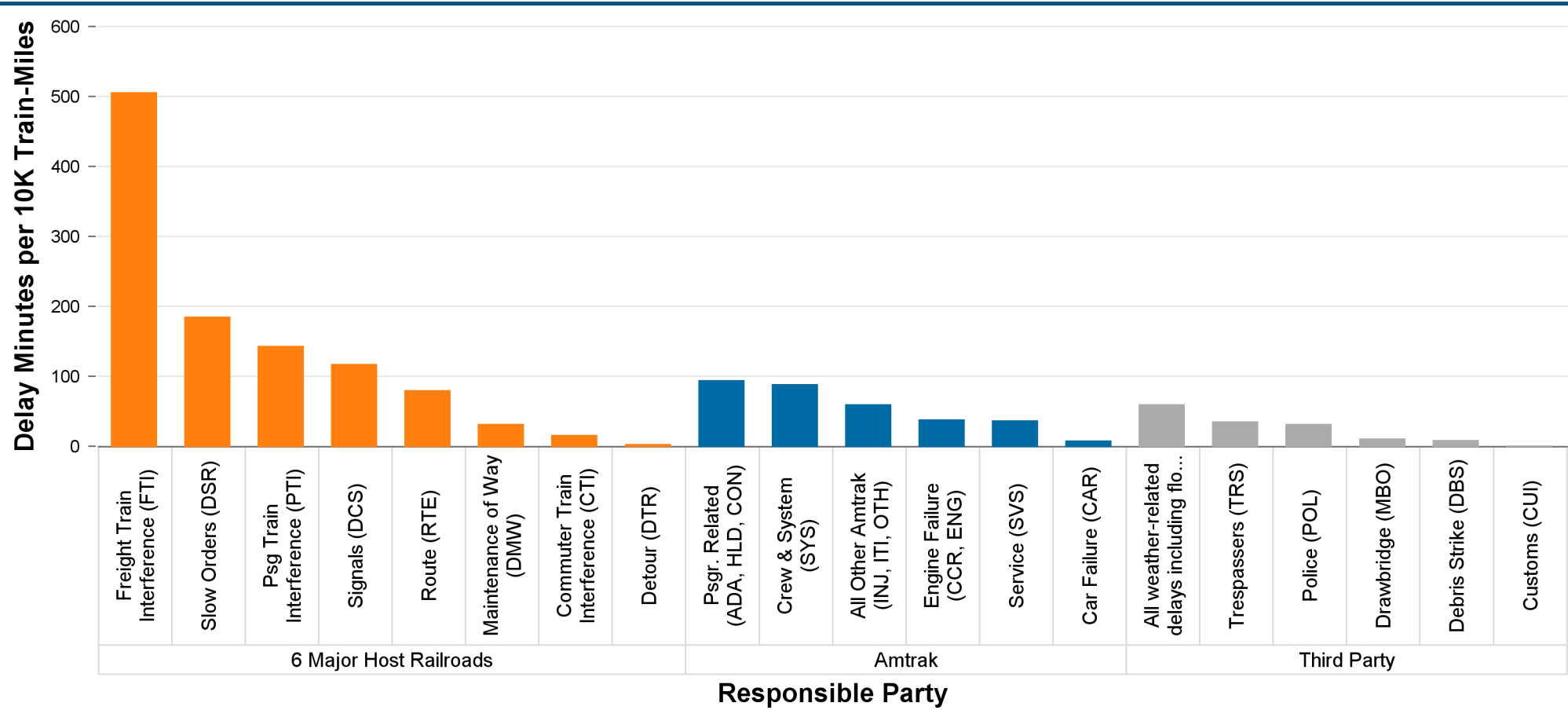
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



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.

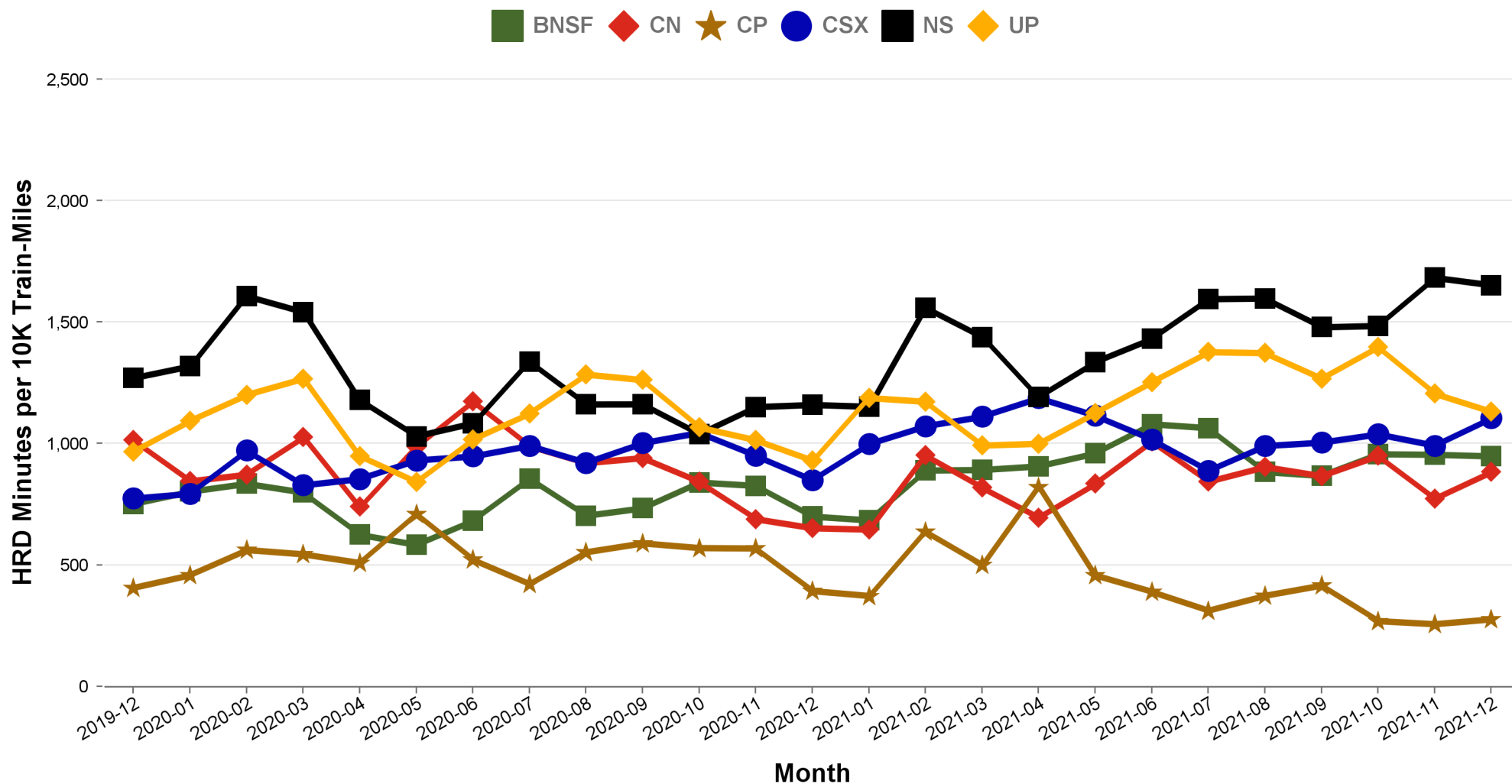


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1087	324	145
Percentage of Total Delays	69.9%	20.8%	9.3%

Total Host-Responsible Delays

2 Year Snapshot

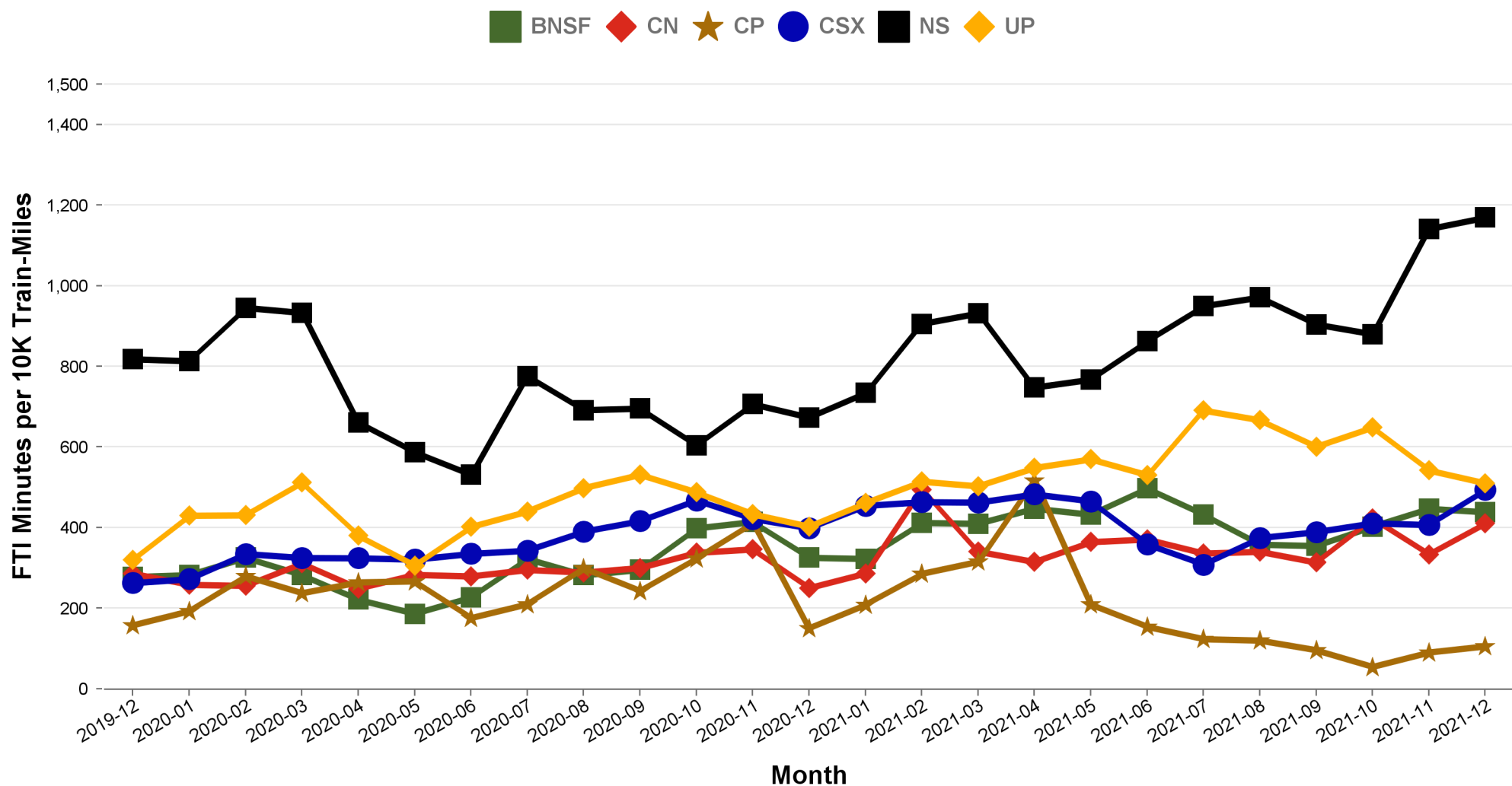
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



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 December 2021

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	696	934	FTI	302	DSR	114	1027
	Carl Sandburg / Illinois Zephyr	449	614	FTI	218	CTI	75	257
	Cascades	1468	1162	FTI	460	DSR	277	343
	Coast Starlight	1493	866	FTI	410	PTI	298	186
	Empire Builder	1066	868	FTI	710	PTI	95	2147
	Heartland Flyer	1302	1621	FTI	675	DSR	552	236
	Pacific Surfliner	1390	1087	DCS	373	FTI	349	22
	San Joaquins	1090	958	FTI	438	PTI	421	284
	Southwest Chief	731	885	FTI	293	DSR	158	2206
	Sunset Ltd	1757	1461	DSR	993	FTI	374	190
	Texas Eagle	493	1159	FTI	204	DSR	187	116
CN	Blue Water	526	401	FTI	481	RTE	15	159
	City Of New Orleans	725	731	FTI	267	DSR	126	930
	Illini / Saluki	842	730	FTI	299	PTI	254	304
	Lincoln Service	1600	1913	FTI	1173	RTE	153	35
	Texas Eagle	1604	2409	FTI	1460	PTI	56	35
	Wolverine	1738	1672	FTI	773	DSR	545	27
CP	Empire Builder	432	524	FTI	192	DCS	88	384
	Ethan Allen Express	445	639	DSR	244	FTI	72	60
	Hiawatha	92	205	DCS	26	FTI	24	53
CSX	Auto Train	1766	1383	FTI	924	PTI	458	898
	Capitol Ltd	570	847	RTE	186	FTI	168	307
	Cardinal	1015	1000	FTI	424	RTE	216	703
	Carolinian	1571	1445	PTI	443	FTI	401	295
	Lake Shore Ltd	668	669	FTI	376	RTE	106	741
	Maple Leaf	853	997	FTI	403	RTE	162	298
	New York - Niagara Falls	738	851	FTI	368	RTE	204	296
	Palmetto	1175	1044	FTI	522	PTI	301	659
	Pere Marquette	175	315	FTI	113	DCS	30	135
	Richmond / Newport News / Norfolk	1362	1241	FTI	435	PTI	255	189
	Silver Meteor	1172	980	FTI	667	PTI	209	1152
	Silver Star	958	897	FTI	377	PTI	223	1209
NS	Blue Water	4279	3697	FTI	3545	RTE	274	39
	Capitol Ltd	2093	2354	FTI	1534	PTI	257	481
	Cardinal	1506	1636	PTI	597	FTI	431	79
	Carolinian	706	797	PTI	358	FTI	133	202
	Crescent	2094	1511	FTI	1561	PTI	148	1141
	Lake Shore Ltd	2051	2191	FTI	1516	PTI	328	339
	Pennsylvanian	1288	1396	FTI	874	RTE	230	249
	Pere Marquette	3591	2948	FTI	2708	PTI	688	39
	Piedmont	520	772	FTI	240	DCS	117	173
	Richmond / Newport News / Norfolk	494	729	FTI	206	DCS	132	81
	Roanoke	508	464	FTI	392	DCS	55	216
	Silver Star	695	745	DCS	251	FTI	177	28
	Wolverine	4197	4039	FTI	3234	PTI	346	39
UP	California Zephyr	1178	1279	FTI	611	DCS	234	1381
	Capitol Corridor	583	542	PTI	229	DCS	106	171
	Cascades	1760	1676	FTI	819	PTI	471	125
	Coast Starlight	1496	1410	FTI	580	PTI	447	1162
	Lincoln Service	1008	779	FTI	515	PTI	283	231
	Missouri	1065	1146	FTI	560	DSR	197	271
	Pacific Surfliner	1231	1350	DCS	578	PTI	443	174
	San Joaquins	954	852	PTI	524	FTI	232	88
	Sunset Ltd	1238	1895	FTI	758	RTE	229	1784
	Texas Eagle	1200	1613	FTI	776	DSR	158	1073
Amtrak	Blue Water	363	311	PTI	187	DMW	106	99
	Ethan Allen Express	151	203	PTI	79	RTE	32	100
	Maple Leaf	161	255	RTE	55	PTI	41	109
	New York - Albany	139	189	PTI	43	RTE	32	81
	New York - Niagara Falls	176	285	PTI	83	RTE	32	109
	Wolverine	375	489	PTI	274	DMW	36	99
BBrRR	Cardinal	1146	881	PTI	445	DSR	300	132

Minutes of Delay per 10K Train Miles by Host for December 2021

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					
Fla DOT	Silver Meteor	872	748	CTI	383	DMW	146	68
	Silver Star	737	769	CTI	524	DCS	97	68
FR	Auto Train	5867	3363	DSR	4167	CTI	1444	16
	Silver Meteor	2994	1959	DSR	1207	CTI	780	61
	Silver Star	1761	1444	DSR	1229	CTI	260	61
MADOT	Springfield Shuttles	399	932	FTI	145	DSR	110	36
	Vermonter	424	858	DCS	231	PTI	101	50
MBTA	Downeaster	1260	1940	DSR	689	CTI	294	38
Metra	Empire Builder	1027	1139	CTI	732	FTI	98	29
	Hiawatha	941	1097	CTI	639	DSR	111	29
MIDOT	Blue Water	418	199	RTE	183	PTI	132	22
	Wolverine	478	457	PTI	384	DCS	35	134
MNRR	Acela Express	1392	1769	DSR	938	CTI	251	56
	Ethan Allen Express	1079	1174	CTI	613	RTE	180	64
	Lake Shore Ltd	1517	1426	CTI	653	DSR	268	64
	Maple Leaf	823	712	CTI	403	RTE	235	64
	New York - Albany	1272	1056	CTI	818	DSR	178	64
	New York - Niagara Falls	1333	1359	CTI	713	DSR	204	64
	Richmond / Newport News / Norfolk	2160	2397	DSR	1110	CTI	678	56
	Vermonter	2457	2446	DSR	1748	CTI	187	56
NECR	Vermonter	1032	1418	DSR	1001	DCS	31	192
NMDOT	Southwest Chief	1205	2017	CTI	677	PTI	218	80
PanAm	Downeaster	413	786	PTI	227	DCS	85	107
SCRRA	Coast Starlight	703	1307	PTI	384	CTI	126	48
	Pacific Surfliner	1347	982	PTI	429	CTI	281	95
SDNRR	Pacific Surfliner	1074	920	CTI	459	PTI	376	60
TRE	Texas Eagle	255	378	CTI	113	RTE	69	33
VTR	Ethan Allen Express	108	105	DSR	81	DCS	27	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 December 2021

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	1392	1769	DSR	938	CTI	251	56
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1362	1241	FTI	435	PTI	255	189
		NS	494	729	FTI	206	DCS	132	81
		MNRR	2160	2397	DSR	1110	CTI	678	56
	Roanoke	NS	508	464	FTI	392	DCS	55	216
	Springfield Shuttles	MADOT	399	932	FTI	145	DSR	110	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	583	542	PTI	229	DCS	106	171
Carolinian		CSX	1571	1445	PTI	443	FTI	401	295
		NS	706	797	PTI	358	FTI	133	202
Cascades		BNSF	1468	1162	FTI	460	DSR	277	343
		UP	1760	1676	FTI	819	PTI	471	125
Downeaster		MBTA	1260	1940	DSR	689	CTI	294	38
		PanAm	413	786	PTI	227	DCS	85	107
Empire	Ethan Allen Express	CP	445	639	DSR	244	FTI	72	60
		Amtrak	151	203	PTI	79	RTE	32	100
		MNRR	1079	1174	CTI	613	RTE	180	64
		VTR	108	105	DSR	81	DCS	27	24
	Maple Leaf	CSX	853	997	FTI	403	RTE	162	298
		Amtrak	161	255	RTE	55	PTI	41	109
		MNRR	823	712	CTI	403	RTE	235	64
	New York - Albany	Amtrak	139	189	PTI	43	RTE	32	81
		MNRR	1272	1056	CTI	818	DSR	178	64
	New York - Niagara Falls	CSX	738	851	FTI	368	RTE	204	296
		Amtrak	176	285	PTI	83	RTE	32	109
		MNRR	1333	1359	CTI	713	DSR	204	64
Heartland Flyer		BNSF	1302	1621	FTI	675	DSR	552	236
Hiawatha		CP	92	205	DCS	26	FTI	24	53
		Metra	941	1097	CTI	639	DSR	111	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	449	614	FTI	218	CTI	75	257
	Illini / Saluki	CN	842	730	FTI	299	PTI	254	304
	Lincoln Service	CN	1600	1913	FTI	1173	RTE	153	35
		UP	1008	779	FTI	515	PTI	283	231
Michigan	Blue Water	CN	526	401	FTI	481	RTE	15	159
		NS	4279	3697	FTI	3545	RTE	274	39
		Amtrak	363	311	PTI	187	DMW	106	99
		MIDOT	418	199	RTE	183	PTI	132	22
	Pere Marquette	CSX	175	315	FTI	113	DCS	30	135
		NS	3591	2948	FTI	2708	PTI	688	39
	Wolverine	CN	1738	1672	FTI	773	DSR	545	27
		NS	4197	4039	FTI	3234	PTI	346	39
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Missouri		UP	1065	1146	FTI	560	DSR	197	271
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		UP	1231	1350	DCS	578	PTI	443	174
		SCRRA	1347	982	PTI	429	CTI	281	95
		SDNRR	1074	920	CTI	459	PTI	376	60
Pennsylvanian		NS	1288	1396	FTI	874	RTE	230	249
Piedmont		NS	520	772	FTI	240	DCS	117	173
San Joaquins		BNSF	1090	958	FTI	438	PTI	421	284
		UP	954	852	PTI	524	FTI	232	88
Vermonter		MADOT	424	858	DCS	231	PTI	101	50
		MNRR	2457	2446	DSR	1748	CTI	187	56
		NECR	1032	1418	DSR	1001	DCS	31	192

Minutes of Delay per 10K Train Miles by Service for December 2021

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	1766 5867	1383 3363	FTI DSR	924 4167	PTI CTI	458 1444	898 16
California Zephyr		BNSF UP	696 1178	934 1279	FTI FTI	302 611	DSR DCS	114 234	1027 1381
Capitol Ltd		CSX NS	570 2093	847 2354	RTE FTI	186 1534	FTI PTI	168 257	307 481
Cardinal		CSX NS BBrRR	1015 1506 1146	1000 1636 881	FTI PTI PTI	424 597 445	RTE FTI DSR	216 431 300	703 79 132
City Of New Orleans		CN	725	731	FTI	267	DSR	126	930
Coast Starlight		BNSF UP SCRRA	1493 1496 703	866 1410 1307	FTI FTI PTI	410 580 384	PTI PTI CTI	298 447 126	186 1162 48
Crescent		NS	2094	1511	FTI	1561	PTI	148	1141
Empire Builder		BNSF CP Metra	1066 432 1027	868 524 1139	FTI FTI CTI	710 192 732	PTI DCS FTI	95 88 98	2147 384 29
Lake Shore Ltd		CSX NS MNRR	668 2051 1517	669 2191 1426	FTI FTI CTI	376 1516 653	RTE PTI DSR	106 328 268	741 339 64
Palmetto		CSX	1175	1044	FTI	522	PTI	301	659
Silver Meteor		CSX Fla DOT FR	1172 872 2994	980 748 1959	FTI CTI DSR	667 383 1207	PTI DMW CTI	209 146 780	1152 68 61
Silver Star		CSX NS Fla DOT FR	958 695 737 1761	897 745 769 1444	FTI DCS CTI DSR	377 251 524 1229	PTI FTI DCS CTI	223 177 97 260	1209 28 68 61
Southwest Chief		BNSF NMDOT	731 1205	885 2017	FTI CTI	293 677	DSR PTI	158 218	2206 80
Sunset Ltd		BNSF UP	1757 1238	1461 1895	DSR FTI	993 758	FTI RTE	374 229	190 1784
Texas Eagle		BNSF CN UP TRE	493 1604 1200 255	1159 2409 1613 378	FTI FTI FTI CTI	204 1460 776 113	DSR PTI DSR RTE	187 56 158 69	116 35 1073 33

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Host Railroad Report - All-Stations and Customer OTP for December 2021

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	77.6%	78.2%	75.8%	76.3%	72	61
NEC Corridor Routes	88.7%	87.8%	85.8%	83.6%	34	39
Target*	80.0%	80.0%				
Acela Express*	88.2%	86.4%	84.9%	82.4%	24	28
Keystone	95.9%	94.9%	95.1%	92.8%	26	36
Northeast Regional	86.6%	86.0%	84.0%	82.3%	37	43
On Spine Northeast Regional	90.1%	89.4%	88.2%	86.1%	31	42
Richmond / Newport News / Norfolk	80.3%	81.2%	76.9%	77.0%	42	43
Roanoke	88.3%	84.1%	85.8%	80.8%	37	42
Springfield Shuttles	89.8%	89.4%	91.8%	89.0%	33	39
Non-NEC Corridor Routes	82.9%	83.5%	78.9%	79.8%	48	43
Target	80.0%	80.0%				
Capitol Corridor	88.4%	91.6%	85.4%	88.1%	43	44
Carolinian	73.5%	71.3%	71.9%	67.4%	34	49
Cascades	61.2%	62.1%	51.1%	56.8%	68	46
Downeaster	95.0%	87.0%	90.6%	77.7%	42	38
Empire	88.8%	86.6%	90.7%	85.8%	36	37
Ethan Allen Express	92.5%	92.1%	93.1%	90.6%	37	34
Maple Leaf	81.3%	81.6%	84.0%	84.4%	48	48
New York - Albany	96.8%	92.7%	96.6%	90.9%	24	34
New York - Niagara Falls	83.1%	80.4%	83.9%	77.8%	36	36
Heartland Flyer	81.8%	71.8%	79.2%	68.6%	51	36
Hiawatha	98.7%	96.2%	98.3%	94.7%	25	36
Illinois	77.5%	80.2%	73.7%	78.5%	40	41
Carl Sandburg / Illinois Zephyr	95.6%	89.9%	93.8%	88.5%	43	37
Illini / Saluki	53.0%	67.8%	52.4%	72.2%	42	38
Lincoln Service	82.0%	81.8%	79.6%	79.0%	36	43
Michigan	68.9%	73.7%	58.5%	63.6%	56	50
Blue Water	78.6%	81.3%	55.8%	66.0%	46	45
Pere Marquette	84.2%	86.4%	71.9%	73.9%	38	45
Wolverine	64.3%	67.4%	56.3%	59.2%	63	54
Missouri	74.5%	75.1%	69.6%	70.6%	47	55
Pacific Surfliner	82.9%	84.5%	78.2%	84.4%	49	43
Pennsylvanian	70.8%	66.3%	74.1%	68.1%	48	40
Piedmont	88.7%	84.0%	78.2%	75.9%	45	38
San Joaquins	79.2%	83.7%	74.6%	79.7%	49	44
Vermonter	89.2%	82.3%	87.2%	85.0%	35	38
Long-Distance Routes	49.2%	50.3%	46.2%	49.7%	116	96
Target	80.0%	80.0%				
Auto Train	36.3%	64.8%	19.1%	43.8%	172	129
California Zephyr	46.5%	38.6%	43.6%	37.1%	192	134
Capitol Ltd	50.9%	37.8%	42.4%	27.9%	67	83
Cardinal	49.5%	55.1%	51.5%	54.8%	71	73
City Of New Orleans	60.1%	68.6%	72.8%	83.3%	94	70
Coast Starlight	48.5%	52.0%	42.0%	54.3%	126	95
Crescent	46.6%	53.7%	48.7%	56.6%	104	89
Empire Builder	35.8%	53.2%	34.3%	53.8%	181	97
Lake Shore Ltd	62.2%	58.3%	61.4%	55.5%	66	66
Palmetto	67.2%	63.5%	69.8%	62.3%	55	58
Silver Meteor	39.1%	55.0%	30.1%	48.7%	81	73
Silver Star	42.9%	47.2%	37.0%	42.2%	63	79
Southwest Chief	46.6%	40.7%	47.7%	37.1%	110	123
Sunset Ltd	32.3%	20.3%	49.3%	28.5%	70	127
Texas Eagle	73.6%	52.8%	76.6%	56.5%	45	87

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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.