Host Railroad Report

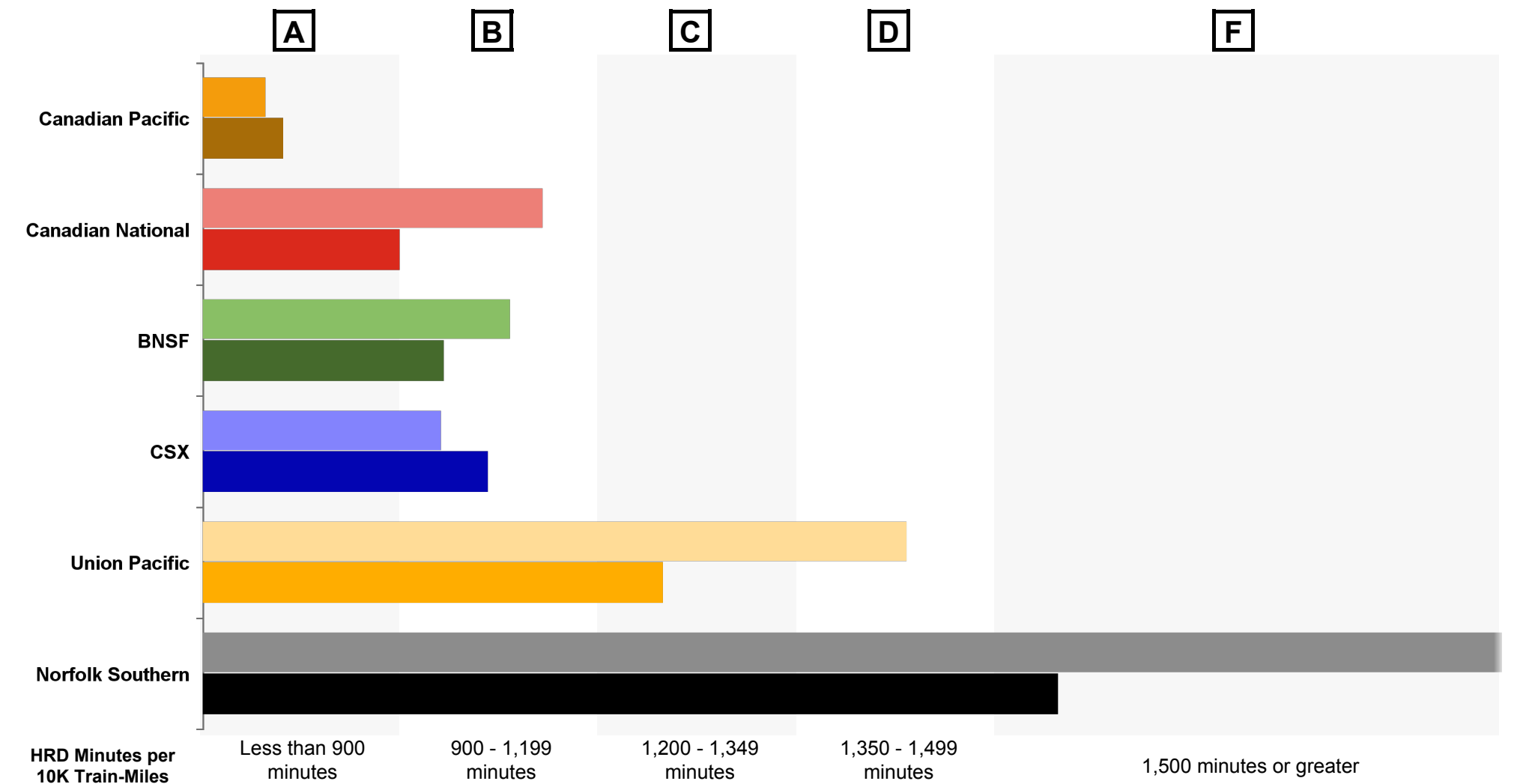## Amtrak Train Performance on Host Railroads

Data through February 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.

	A	**B**	**C**	**D**	**F**
HRD Minutes per 10K Train-Miles	Less than 900 minutes	900 - 1,199 minutes	1,200 - 1,349 minutes	1,350 - 1,499 minutes	1,500 minutes or greater

Railroads (top to bottom): Canadian Pacific, Canadian National, BNSF, CSX, Union Pacific, Norfolk Southern
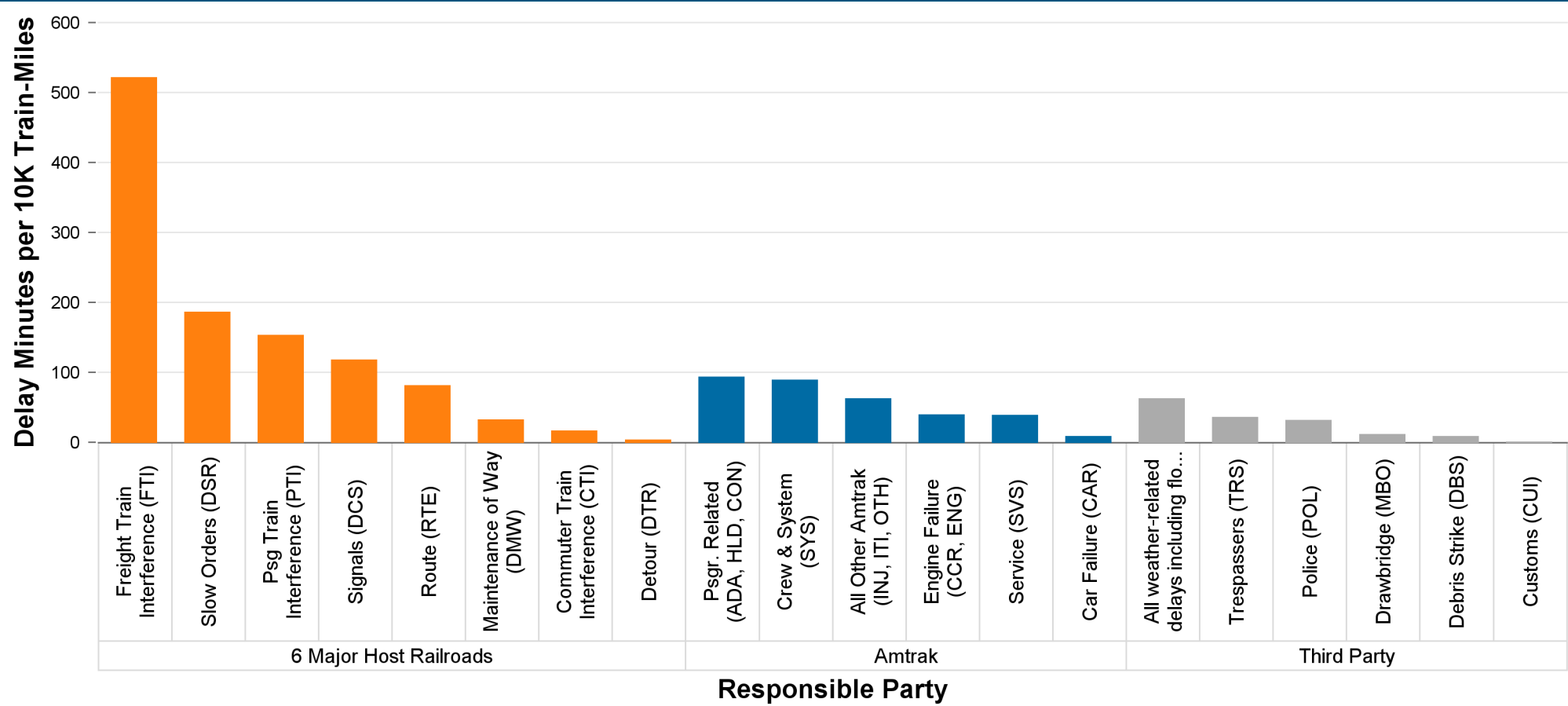
Total Host-Responsible Delays
1 Year Snapshot

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.
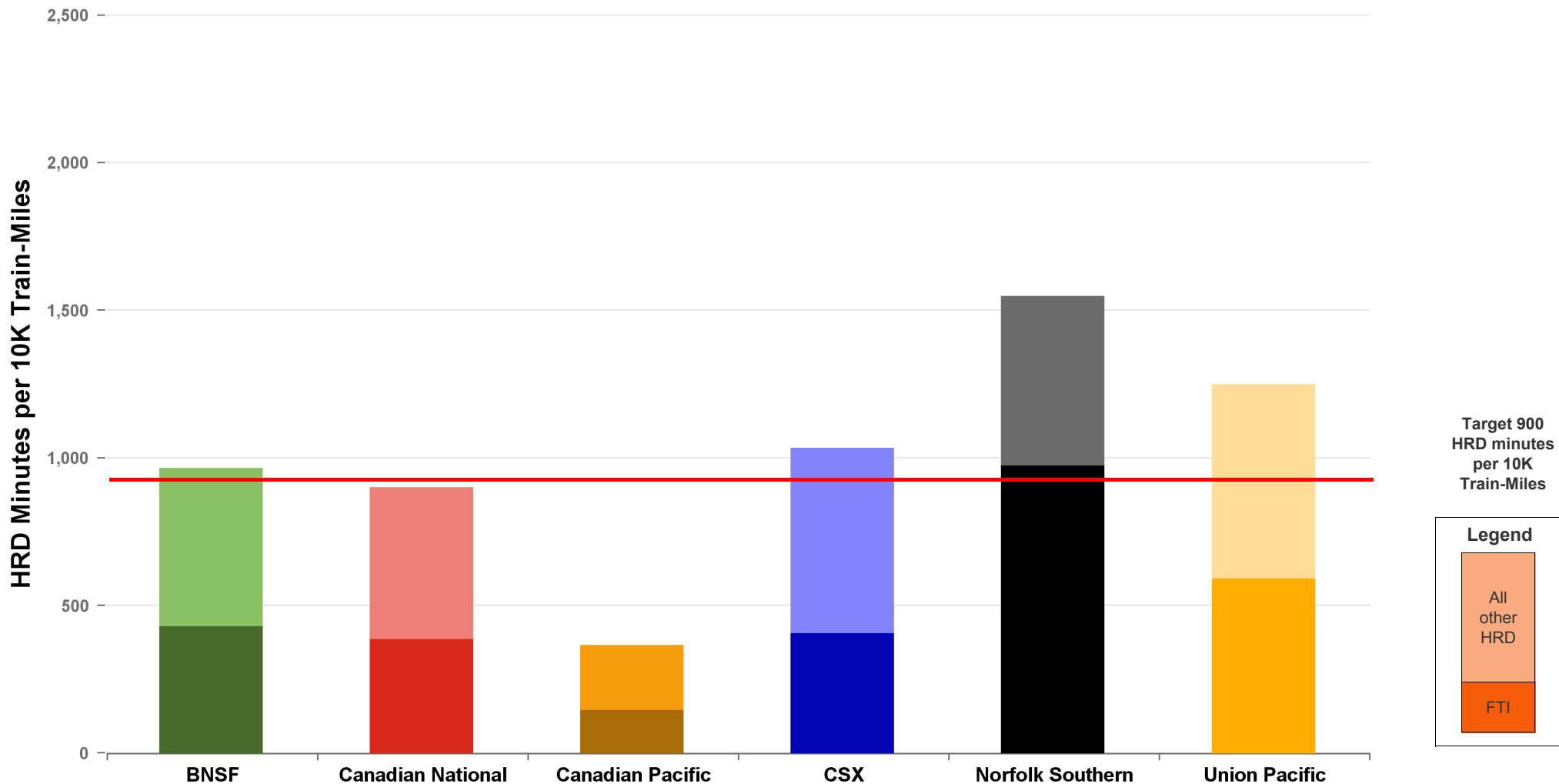
Delays to Amtrak Trains by Responsible Party
1 Year Snapshot

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	1106	328	146
Percentage of Total Delays	70.0%	20.7%	9.3%

Total Host-Responsible Delays
2 Year Snapshot

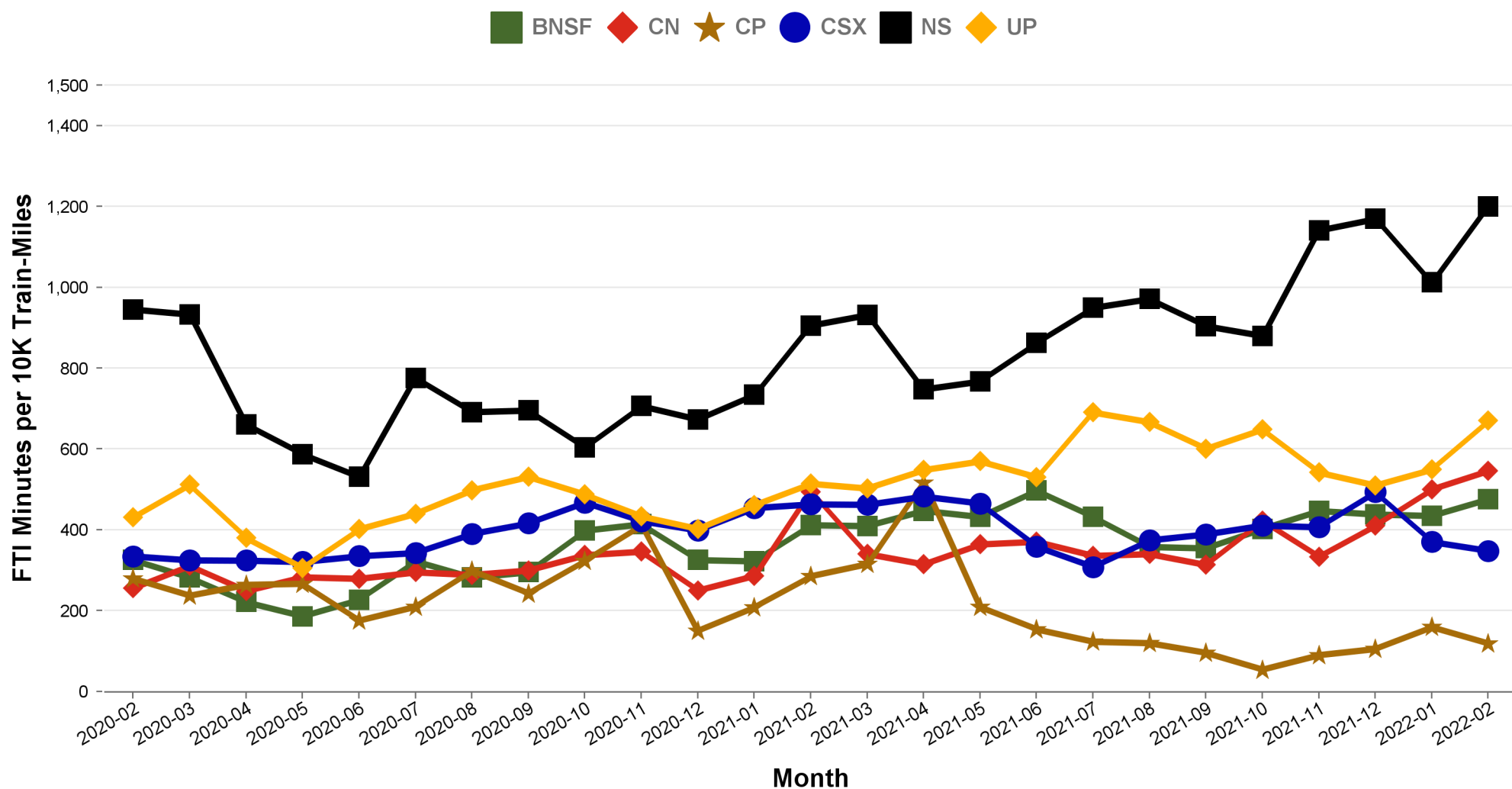Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.
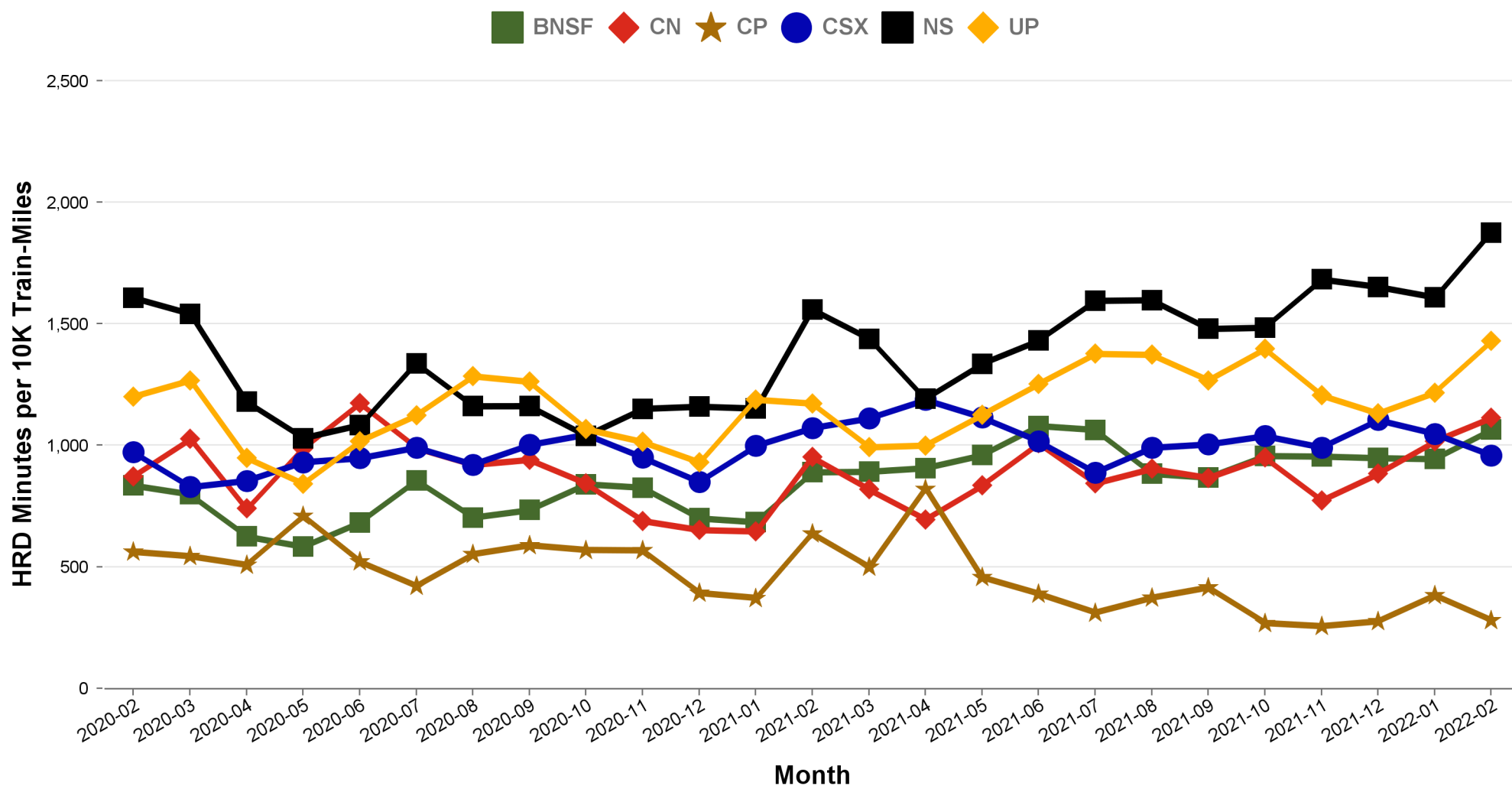
Freight Train Interference Delays
2 Year Snapshot

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 February 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	744	**926**	FTI	282	DSR	173	1027
	Carl Sandburg / Illinois Zephyr	596	633	FTI	295	CTI	104	257
	Cascades	**1287**	**1169**	FTI	427	DSR	222	316
	Coast Starlight	**1117**	**913**	FTI	316	PTI	199	157
	Empire Builder	**1166**	**901**	FTI	776	DSR	152	2147
	Heartland Flyer	**1801**	**1667**	DSR	887	FTI	818	236
	Pacific Surfliner	**1435**	**1187**	DSR	325	DCS	266	22
	San Joaquins	**1231**	**1025**	FTI	427	PTI	380	284
	Southwest Chief	807	879	FTI	377	DSR	158	2206
	Sunset Ltd	**1679**	**1558**	DSR	786	FTI	727	190
	Texas Eagle	**1924**	**1226**	DSR	915	FTI	775	116
CN	Blue Water	726	444	FTI	604	DCS	91	159
	City Of New Orleans	**1026**	778	FTI	434	DSR	213	930
	Illini / Saluki	876	762	DSR	434	FTI	359	304
	Lincoln Service	**1697**	**1817**	FTI	1186	DCS	210	35
	Texas Eagle	**2708**	**2401**	FTI	2091	DCS	424	35
	Wolverine	**1618**	**1713**	DSR	567	DCS	377	27
CP	Empire Builder	449	504	FTI	205	DCS	111	384
	Ethan Allen Express	289	651	DCS	108	FTI	95	60
	Hiawatha	104	186	FTI	35	PTI	22	53
CSX	Auto Train	**1175**	**1399**	FTI	422	DSR	317	898
	Capitol Ltd	614	823	FTI	240	RTE	233	307
	Cardinal	**934**	**961**	FTI	455	DSR	158	703
	Carolinian	**1201**	**1387**	PTI	383	RTE	294	295
	Lake Shore Ltd	711	674	FTI	347	PTI	118	741
	Maple Leaf	788	**977**	FTI	379	RTE	180	298
	New York - Niagara Falls	768	828	FTI	378	RTE	179	296
	Palmetto	**1145**	**1073**	FTI	488	DSR	216	659
	Pere Marquette	190	323	DCS	120	DSR	35	135
	Richmond / Newport News / Norfolk	**980**	**1239**	RTE	271	FTI	195	189
	Silver Meteor	0	**984**		0		0	1152
	Silver Star	**959**	**920**	FTI	337	DSR	256	1209
NS	Blue Water	**6355**	**4009**	FTI	4356	PTI	1285	39
	Capitol Ltd	**3441**	**2396**	FTI	2518	PTI	329	481
	Cardinal	**1802**	**1747**	PTI	854	FTI	360	79
	Carolinian	**911**	827	DSR	313	PTI	247	202
	Crescent	**1426**	**1526**	FTI	946	DSR	157	1141
	Lake Shore Ltd	**3620**	**2277**	FTI	2712	PTI	350	339
	Pennsylvanian	**1362**	**1434**	FTI	900	RTE	234	249
	Pere Marquette	**5388**	**3259**	FTI	4370	PTI	640	39
	Piedmont	**922**	759	DSR	271	FTI	269	173
	Richmond / Newport News / Norfolk	770	718	DCS	370	FTI	241	81
	Roanoke	374	480	FTI	175	DCS	74	216
	Silver Star	694	804	FTI	271	DSR	227	28
	Wolverine	**6410**	**4361**	FTI	4483	DCS	773	39
UP	California Zephyr	**1431**	**1338**	FTI	937	DSR	121	1381
	Capitol Corridor	**1231**	620	DSR	676	PTI	245	171
	Cascades	**1931**	**1759**	FTI	1052	PTI	403	125
	Coast Starlight	**1754**	**1417**	FTI	855	DSR	360	1162
	Lincoln Service	**1311**	849	FTI	649	PTI	364	231
	Missouri	**1147**	**1199**	FTI	849	RTE	127	271
	Pacific Surfliner	**1008**	**1094**	PTI	468	DCS	385	174
	San Joaquins	**1535**	**991**	PTI	527	FTI	277	88
	Sunset Ltd	**1757**	**1863**	FTI	1144	RTE	249	1784
	Texas Eagle	**1370**	**1583**	FTI	952	DCS	141	1073

Minutes of Delay per 10K Train Miles by Host for February 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**					
Amtrak	Blue Water	396	331	PTI	234	DCS	108	99
	Ethan Allen Express	322	228	DCS	182	PTI	98	100
	Maple Leaf	161	247	DCS	66	RTE	54	109
	New York - Albany	433	209	CTP	303	DCS	71	81
	New York - Niagara Falls	273	282	DCS	124	PTI	97	109
	Wolverine	447	498	PTI	306	DSR	37	99
BBrRR	Cardinal	873	**946**	FTI	409	PTI	279	132
Fla DOT	Silver Meteor	0	753		0		0	68
	Silver Star	752	779	CTI	290	DMW	192	68
FR	Auto Train	**2107**	**3744**	CTI	1083	DSR	524	16
	Silver Meteor	0	**2063**		0		0	61
	Silver Star	**2143**	**1590**	CTI	1284	DSR	669	61
MADOT	Springfield Shuttles	672	**960**	FTI	520	DSR	91	36
	Vermonter	271	729	DCS	246	RTE	24	50
MBTA	Downeaster	**1687**	**1953**	DSR	810	DCS	389	38
Metra	Empire Builder	**910**	**1099**	CTI	623	DSR	115	29
	Hiawatha	**1010**	**1101**	CTI	708	DCS	114	29
MIDOT	Blue Water	446	244	PTI	185	DCS	168	22
	Wolverine	612	509	PTI	428	DCS	109	134
MNRR	Acela Express	**1447**	**1686**	DSR	883	CTI	341	56
	Ethan Allen Express	664	**1123**	CTI	488	RTE	118	64
	Lake Shore Ltd	447	**1376**	CTI	279	RTE	102	64
	Maple Leaf	465	727	CTI	372	DSR	48	64
	New York - Albany	**1022**	**1136**	CTI	707	RTE	152	64
	New York - Niagara Falls	**1158**	**1396**	CTI	711	RTE	150	64
	Richmond / Newport News / Norfolk	**1696**	**2282**	DSR	841	CTI	696	56
	Vermonter	**2089**	**2389**	DSR	1342	CTI	628	56
NECR	Vermonter	**1335**	**1387**	DSR	1288	DCS	34	192
NMDOT	Southwest Chief	**1009**	**1642**	CTI	570	DSR	229	80
PanAm	Downeaster	**903**	796	PTI	327	DCS	261	107
SCRRA	Coast Starlight	801	**1247**	PTI	363	DCS	164	48
	Pacific Surfliner	**1126**	**1070**	PTI	383	CTI	246	95
SDNRR	Pacific Surfliner	854	**933**	CTI	356	PTI	312	60
Sounder	Cascades	275	367	PTI	159	FTI	55	21
	Coast Starlight	709	706	PTI	610	DSR	62	21
TRE	Texas Eagle	152	326	CTI	144	DSR	8	33
VTR	Ethan Allen Express	**907**	206	DSR	581	DCS	325	24

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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 February 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	**1447**	**1686**	DSR	883	CTI	341	56
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	**980**	**1239**	RTE	271	FTI	195	189
		NS	770	718	DCS	370	FTI	241	81
		MNRR	**1696**	**2282**	DSR	841	CTI	696	56
	Roanoke	NS	374	480	FTI	175	DCS	74	216
	Springfield Shuttles	MADOT	672	**960**	FTI	520	DSR	91	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	**1231**	620	DSR	676	PTI	245	171
Carolinian		CSX	**1201**	**1387**	PTI	383	RTE	294	295
		NS	**911**	827	DSR	313	PTI	247	202
Cascades		BNSF	**1287**	**1169**	FTI	427	DSR	222	316
		UP	**1931**	**1759**	FTI	1052	PTI	403	125
		Sounder	275	367	PTI	159	FTI	55	21
Downeaster		MBTA	**1687**	**1953**	DSR	810	DCS	389	38
		PanAm	**903**	796	PTI	327	DCS	261	107
Empire	Ethan Allen Express	CP	289	651	DCS	108	FTI	95	60
		Amtrak	322	228	DCS	182	PTI	98	100
		MNRR	664	**1123**	CTI	488	RTE	118	64
		VTR	**907**	206	DSR	581	DCS	325	24
	Maple Leaf	CSX	788	**977**	FTI	379	RTE	180	298
		Amtrak	161	247	DCS	66	RTE	54	109
		MNRR	465	727	CTI	372	DSR	48	64
	New York - Albany	Amtrak	433	209	CTP	303	DCS	71	81
		MNRR	**1022**	**1136**	CTI	707	RTE	152	64
	New York - Niagara Falls	CSX	768	828	FTI	378	RTE	179	296
		Amtrak	273	282	DCS	124	PTI	97	109
		MNRR	**1158**	**1396**	CTI	711	RTE	150	64
Heartland Flyer		BNSF	**1801**	**1667**	DSR	887	FTI	818	236
Hiawatha		CP	104	186	FTI	35	PTI	22	53
		Metra	**1010**	**1101**	CTI	708	DCS	114	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	596	633	FTI	295	CTI	104	257
	Illini / Saluki	CN	876	762	DSR	434	FTI	359	304
	Lincoln Service	CN	**1697**	**1817**	FTI	1186	DCS	210	35
		UP	**1311**	849	FTI	649	PTI	364	231
Michigan	Blue Water	CN	726	444	FTI	604	DCS	91	159
		NS	**6355**	**4009**	FTI	4356	PTI	1285	39
		Amtrak	396	331	PTI	234	DCS	108	99
		MIDOT	446	244	PTI	185	DCS	168	22
	Pere Marquette	CSX	190	323	DCS	120	DSR	35	135
		NS	**5388**	**3259**	FTI	4370	PTI	640	39
	Wolverine	CN	**1618**	**1713**	DSR	567	DCS	377	27
		NS	**6410**	**4361**	FTI	4483	DCS	773	39
		Amtrak	447	498	PTI	306	DSR	37	99
		MIDOT	612	509	PTI	428	DCS	109	134
Missouri		UP	**1147**	**1199**	FTI	849	RTE	127	271
Pacific Surfliner		BNSF	**1435**	**1187**	DSR	325	DCS	266	22
		UP	**1008**	**1094**	PTI	468	DCS	385	174
		SCRRA	**1126**	**1070**	PTI	383	CTI	246	95
		SDNRR	854	**933**	CTI	356	PTI	312	60
Pennsylvanian		NS	**1362**	**1434**	FTI	900	RTE	234	249
Piedmont		NS	**922**	759	DSR	271	FTI	269	173
San Joaquins		BNSF	**1231**	**1025**	FTI	427	PTI	380	284
		UP	**1535**	**991**	PTI	527	FTI	277	88
Vermonter		MADOT	271	729	DCS	246	RTE	24	50
		MNRR	**2089**	**2389**	DSR	1342	CTI	628	56
		NECR	**1335**	**1387**	DSR	1288	DCS	34	192

Minutes of Delay per 10K Train Miles by Service for February 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	**1175**	**1399**	FTI	422	DSR	317	898
	FR	**2107**	**3744**	CTI	1083	DSR	524	16
California Zephyr	BNSF	744	**926**	FTI	282	DSR	173	1027
	UP	**1431**	**1338**	FTI	937	DSR	121	1381
Capitol Ltd	CSX	614	823	FTI	240	RTE	233	307
	NS	**3441**	**2396**	FTI	2518	PTI	329	481
Cardinal	CSX	**934**	**961**	FTI	455	DSR	158	703
	NS	**1802**	**1747**	PTI	854	FTI	360	79
	BBrRR	873	**946**	FTI	409	PTI	279	132
City Of New Orleans	CN	**1026**	778	FTI	434	DSR	213	930
Coast Starlight	BNSF	**1117**	**913**	FTI	316	PTI	199	157
	UP	**1754**	**1417**	FTI	855	DSR	360	1162
	SCRRA	801	**1247**	PTI	363	DCS	164	48
	Sounder	709	706	PTI	610	DSR	62	21
Crescent	NS	**1426**	**1526**	FTI	946	DSR	157	1141
Empire Builder	BNSF	**1166**	**901**	FTI	776	DSR	152	2147
	CP	449	504	FTI	205	DCS	111	384
	Metra	**910**	**1099**	CTI	623	DSR	115	29
Lake Shore Ltd	CSX	711	674	FTI	347	PTI	118	741
	NS	**3620**	**2277**	FTI	2712	PTI	350	339
	MNRR	447	**1376**	CTI	279	RTE	102	64
Palmetto	CSX	**1145**	**1073**	FTI	488	DSR	216	659
Silver Meteor	CSX	0	**984**		0		0	1152
	Fla DOT	0	753		0		0	68
	FR	0	**2063**		0		0	61
Silver Star	CSX	**959**	**920**	FTI	337	DSR	256	1209
	NS	694	804	FTI	271	DSR	227	28
	Fla DOT	752	779	CTI	290	DMW	192	68
	FR	**2143**	**1590**	CTI	1284	DSR	669	61
Southwest Chief	BNSF	807	879	FTI	377	DSR	158	2206
	NMDOT	**1009**	**1642**	CTI	570	DSR	229	80
Sunset Ltd	BNSF	**1679**	**1558**	DSR	786	FTI	727	190
	UP	**1757**	**1863**	FTI	1144	RTE	249	1784
Texas Eagle	BNSF	**1924**	**1226**	DSR	915	FTI	775	116
	CN	**2708**	**2401**	FTI	2091	DCS	424	35
	UP	**1370**	**1583**	FTI	952	DCS	141	1073
	TRE	152	326	CTI	144	DSR	8	33

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Host Railroad Report - All-Stations and Customer OTP for February 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	**76.3%**	**77.0%**	**77.0%**	**76.0%**	**57**	**62**
NEC Corridor Routes	**86.4%**	**86.3%**	**83.9%**	**83.1%**	**41**	**40**
Target*	**80.0%**	**80.0%**				
Acela Express*	85.9%	85.9%	82.0%	82.0%	32	29
Keystone	93.1%	94.6%	91.2%	92.5%	38	36
Northeast Regional	84.1%	84.0%	83.1%	81.6%	44	44
On Spine Northeast Regional	88.1%	88.1%	86.4%	85.7%	45	43
Richmond / Newport News / Norfolk	78.9%	77.6%	80.5%	76.1%	45	45
Roanoke	73.8%	81.8%	73.1%	79.1%	42	43
Springfield Shuttles	89.3%	88.3%	89.7%	88.7%	41	40
Non-NEC Corridor Routes	**79.3%**	**82.8%**	**76.8%**	**79.4%**	**46**	**44**
Target	**80.0%**	**80.0%**				
Capitol Corridor	81.6%	90.9%	76.4%	87.2%	28	42
Carolinian	81.5%	70.4%	83.5%	67.8%	38	48
Cascades	70.9%	63.4%	65.7%	57.9%	40	45
Downeaster	88.6%	86.6%	80.7%	78.3%	40	39
Empire	86.6%	86.1%	86.2%	85.7%	64	40
Ethan Allen Express	91.2%	91.5%	94.3%	90.9%	63	39
Maple Leaf	82.9%	80.9%	82.8%	83.5%	61	48
New York - Albany	88.0%	91.9%	88.6%	90.6%	75	38
New York - Niagara Falls	85.6%	80.6%	81.7%	78.2%	57	38
Heartland Flyer	63.0%	72.0%	68.5%	68.3%	46	37
Hiawatha	92.1%	95.4%	92.2%	94.6%	43	36
Illinois	69.0%	78.5%	64.1%	77.2%	52	41
Carl Sandburg / Illinois Zephyr	82.5%	89.0%	79.9%	88.1%	51	40
Illini / Saluki	40.3%	62.2%	44.2%	68.4%	49	40
Lincoln Service	70.7%	81.5%	68.6%	79.0%	54	42
Michigan	51.7%	70.1%	36.8%	60.9%	56	52
Blue Water	51.8%	78.3%	30.5%	63.2%	55	47
Pere Marquette	66.9%	84.7%	53.3%	71.8%	54	45
Wolverine	49.7%	64.2%	35.9%	56.7%	56	55
Missouri	72.1%	73.9%	77.9%	70.5%	64	55
Pacific Surfliner	86.8%	85.5%	83.1%	84.5%	44	43
Pennsylvanian	72.8%	65.6%	75.8%	68.3%	38	41
Piedmont	82.7%	83.5%	73.5%	76.1%	45	38
San Joaquins	76.3%	82.0%	74.1%	78.5%	33	44
Vermonter	81.9%	80.7%	88.8%	84.5%	33	40
Long-Distance Routes	**50.4%**	**49.6%**	**56.2%**	**49.7%**	**90**	**98**
Target	**80.0%**	**80.0%**				
Auto Train	79.5%	62.6%	61.1%	42.1%	49	129
California Zephyr	44.1%	36.9%	51.9%	36.9%	96	133
Capitol Ltd	36.4%	37.1%	24.9%	28.1%	124	84
Cardinal	63.7%	53.2%	60.4%	54.2%	65	75
City Of New Orleans	52.1%	66.1%	72.3%	81.3%	75	74
Coast Starlight	55.9%	52.2%	65.0%	54.9%	119	96
Crescent	56.9%	53.4%	68.5%	57.9%	65	93
Empire Builder	33.2%	49.6%	32.8%	52.0%	135	107
Lake Shore Ltd	53.8%	58.3%	56.1%	56.3%	90	67
Palmetto	75.8%	64.2%	81.4%	64.1%	58	60
Silver Meteor	0.0%	54.0%	0.0%	47.9%	0	76
Silver Star	48.2%	46.7%	44.6%	42.1%	68	82
Southwest Chief	42.0%	40.4%	45.2%	37.4%	127	122
Sunset Ltd	26.1%	21.4%	36.1%	29.5%	148	130
Texas Eagle	59.8%	54.6%	62.3%	58.4%	61	83

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 * 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.