



Host Railroad Report

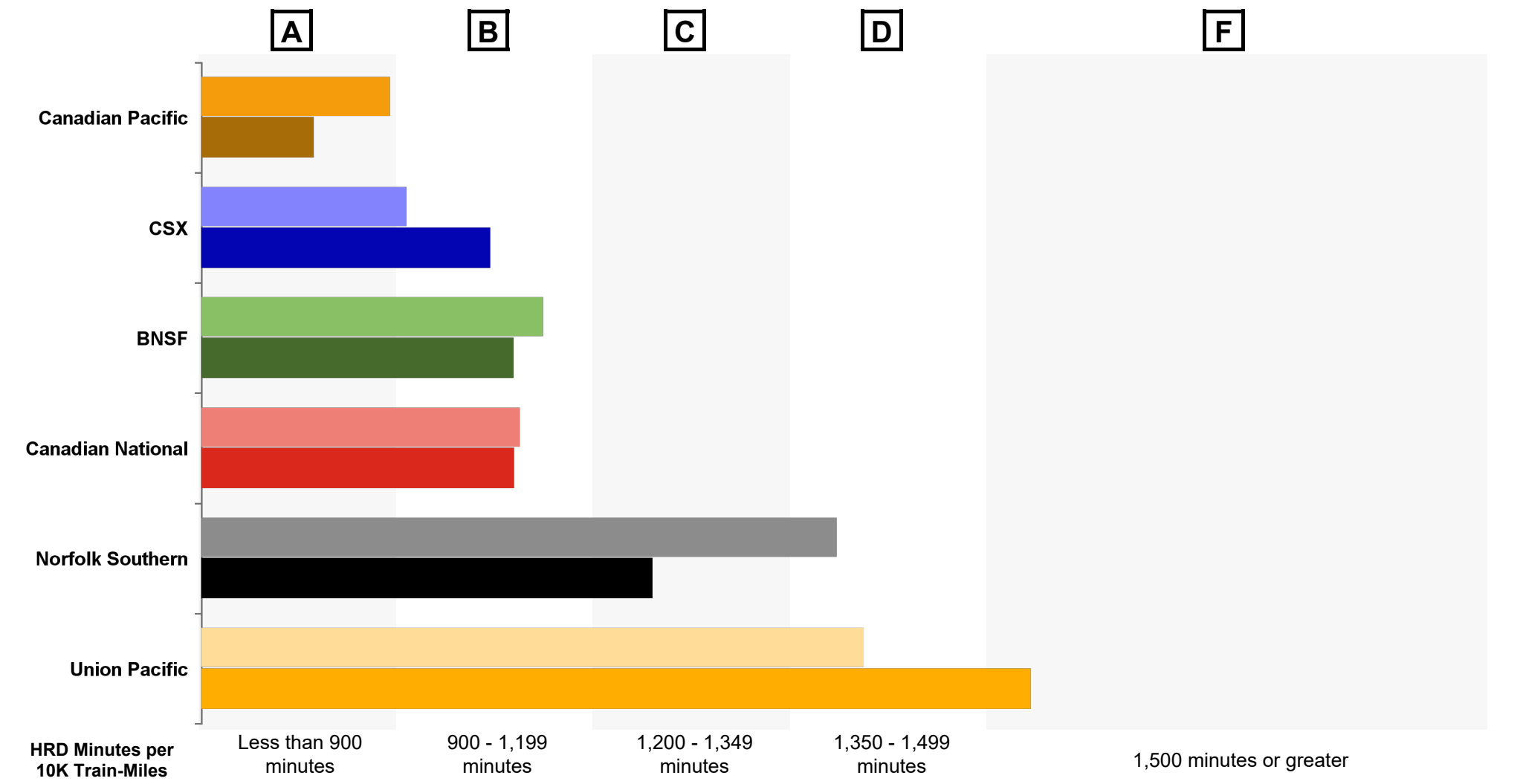
Amtrak Train Performance on Host Railroads

Data through April 2023

Host Railroad Report Card Update

Current Month and 1 Year Snapshot

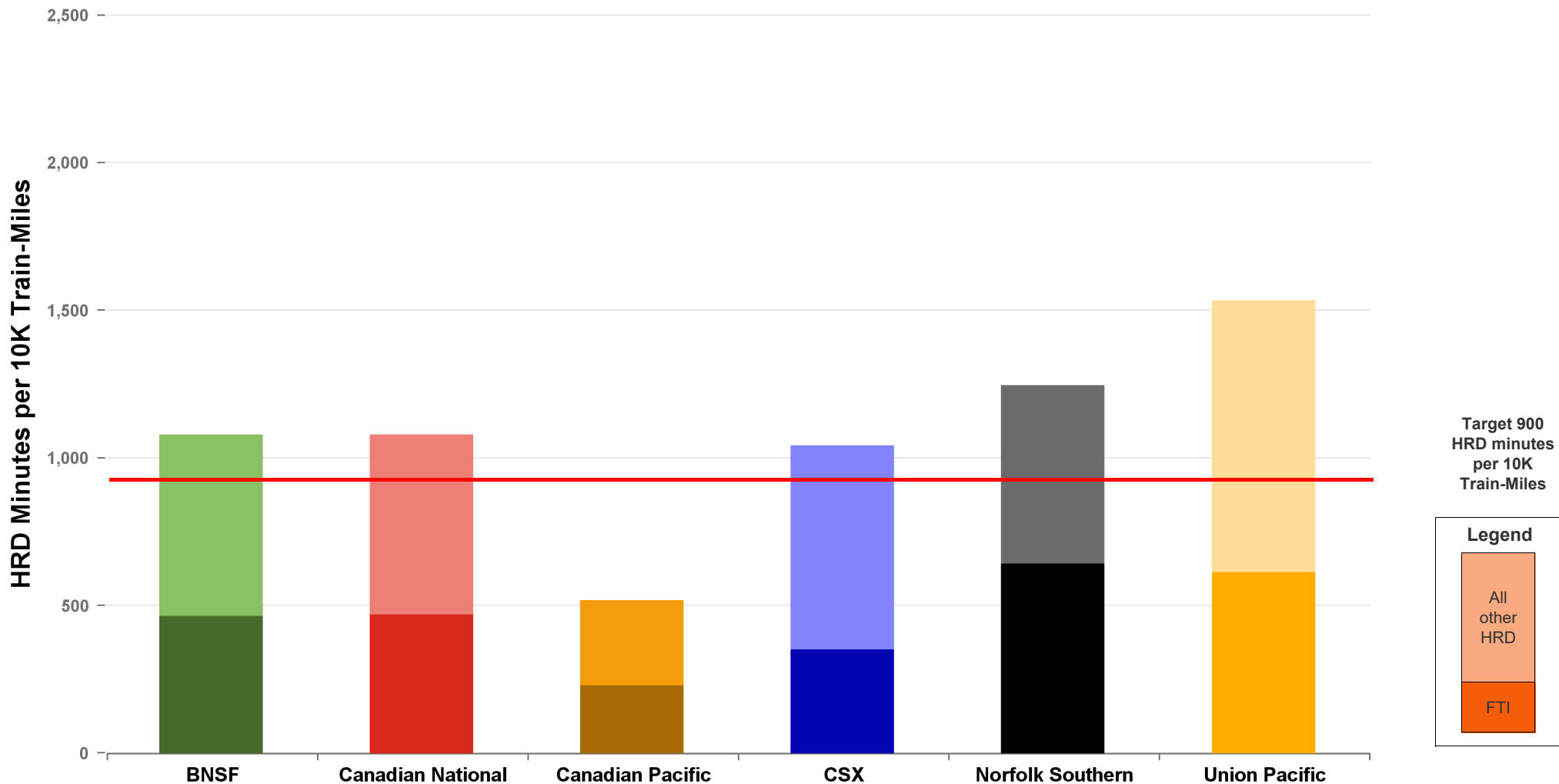
A monthly update of the Host Railroad Report Card, which grades the six major host railroads based on host responsible delay (HRD) minutes per 10,000 train-miles for the current month (lighter shade) and the most recent 12 months.



Total Host-Responsible Delays

1 Year Snapshot

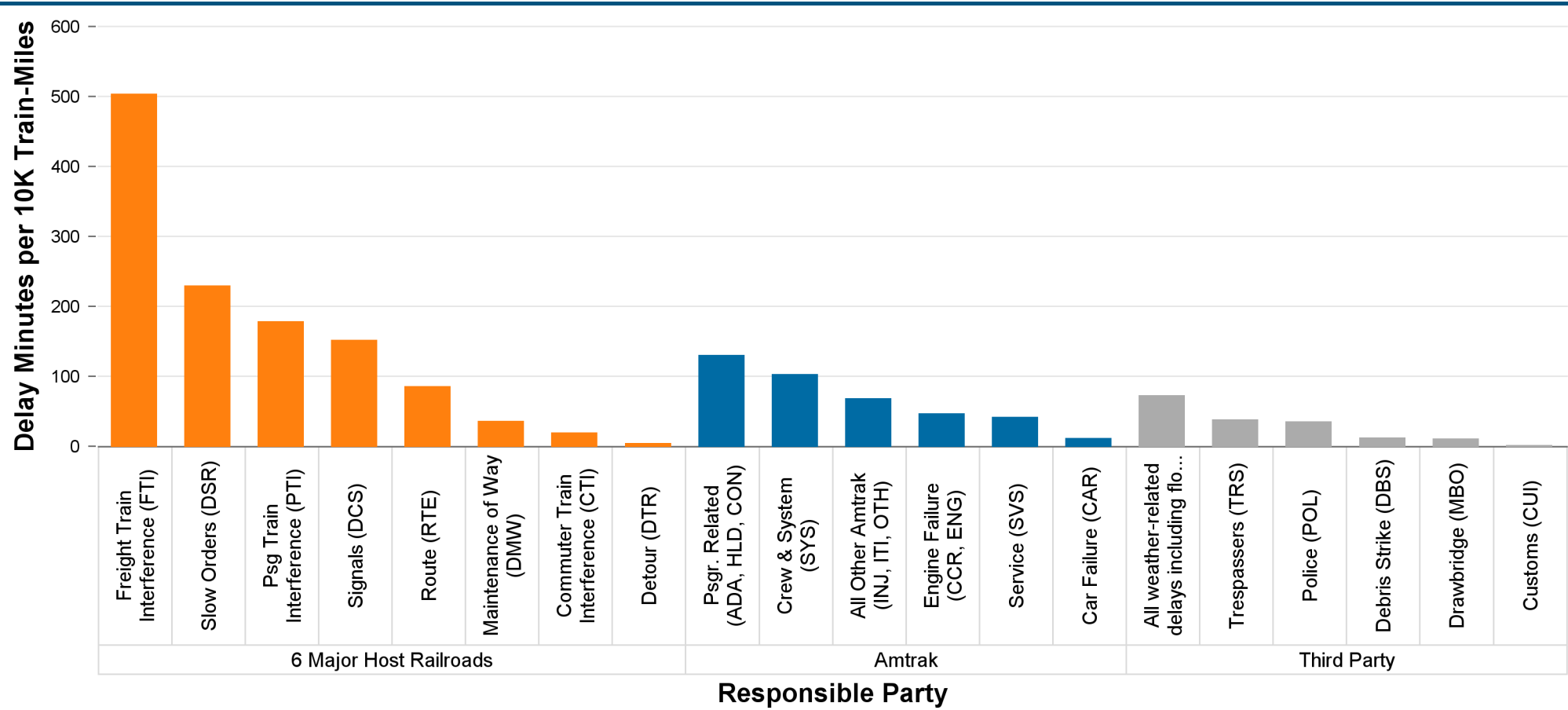
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on the six major host railroads, with delays attributable to freight train interference (FTI) shaded.



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.

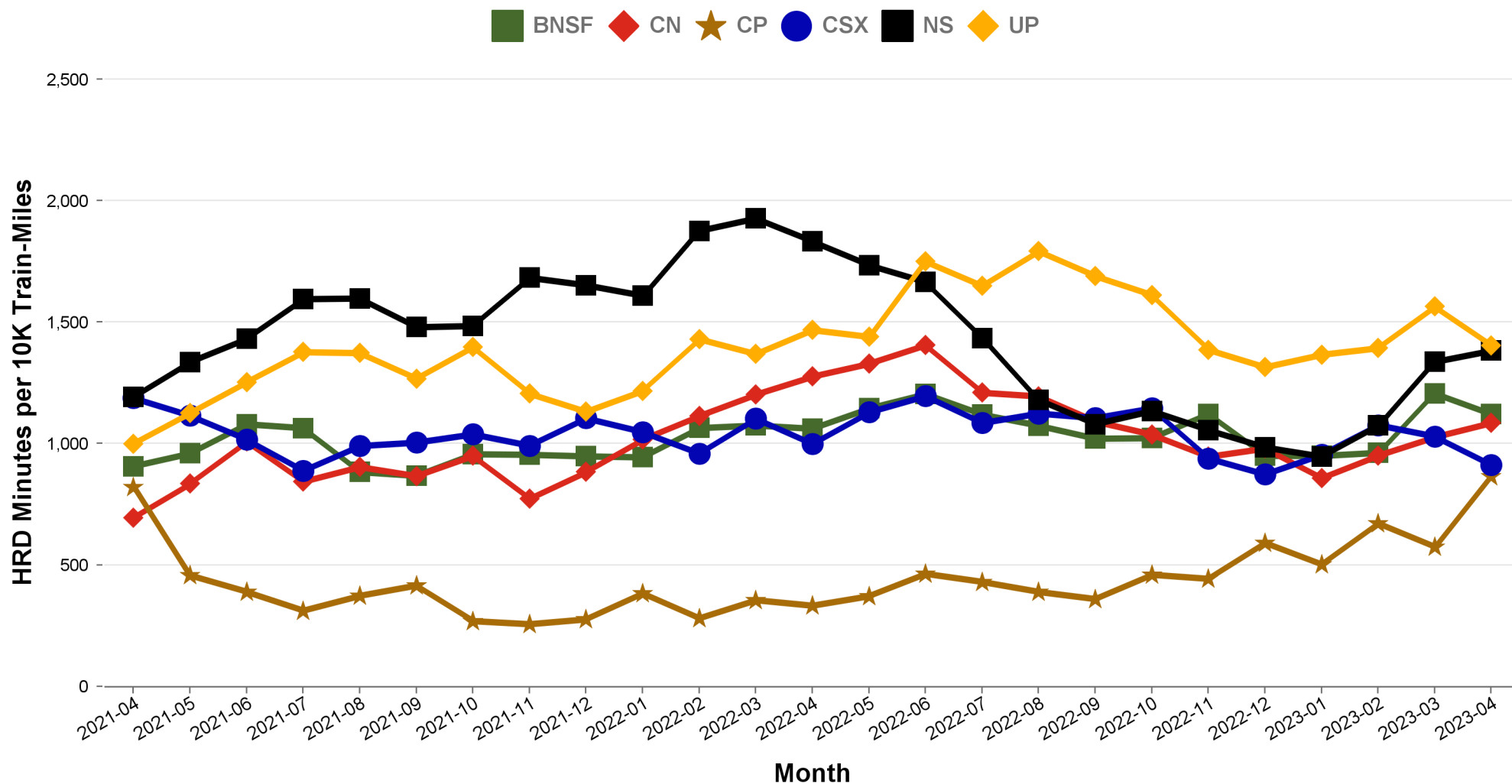


Responsible Party	6 Major Host Railroads	Amtrak	Third Party
Delay Minutes per 10K Train-Miles	1198	401	169
Percentage of Total Delays	67.8%	22.7%	9.5%

Total Host-Responsible Delays

2 Year Snapshot

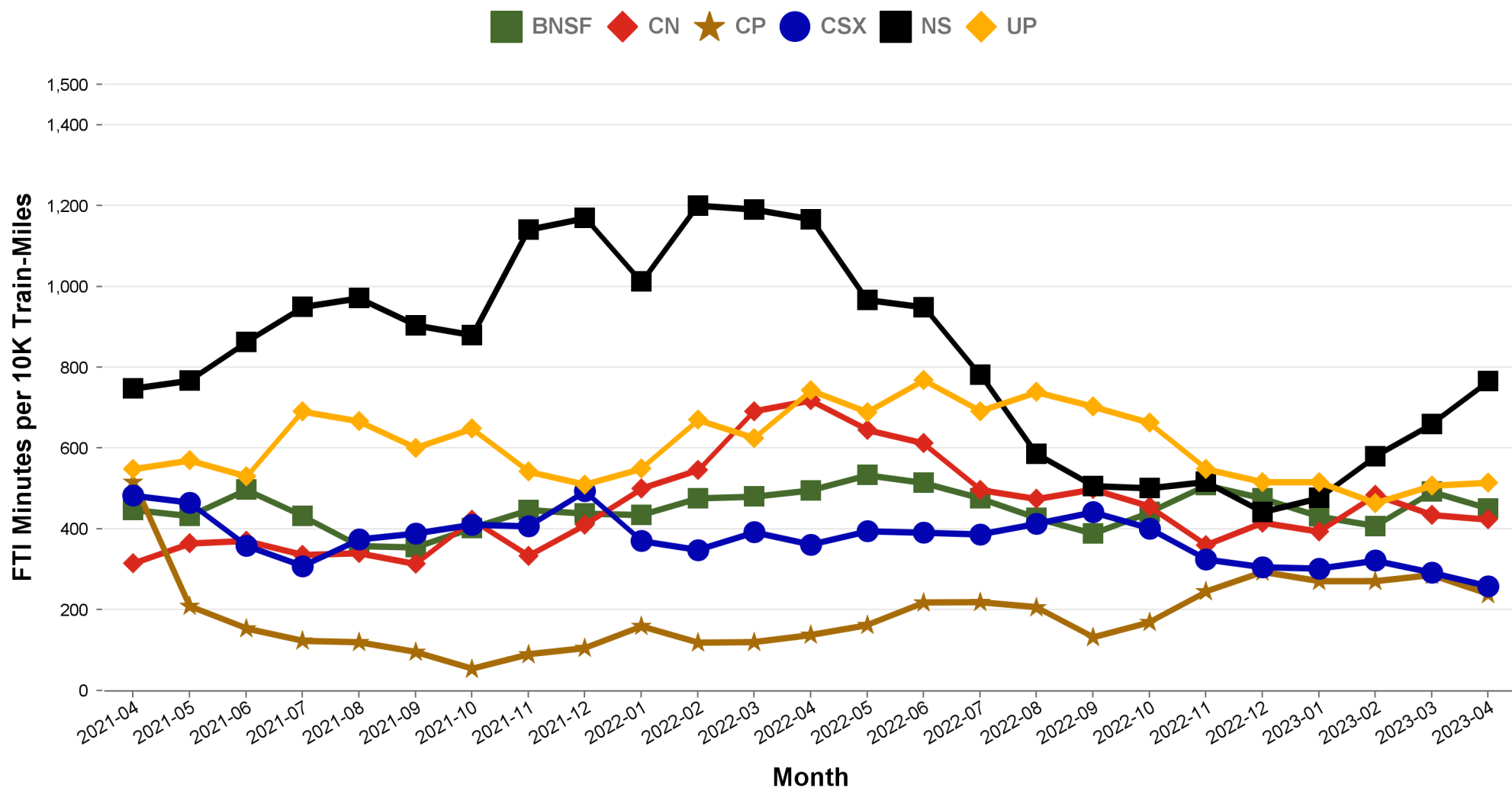
Total host-responsible delay (HRD) minutes per 10,000 train-miles incurred by Amtrak trains on each of the six major host railroads for the most recent two years.



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 April 2023

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	942	1011	FTI	320	DSR	303	1027
	Carl Sandburg / Illinois Zephyr	893	841	FTI	505	CTI	111	257
	Cascades	1453	1400	FTI	412	DSR	402	317
	Coast Starlight	1369	1234	FTI	383	RTE	381	158
	Empire Builder	773	905	FTI	442	DSR	205	2147
	Heartland Flyer	1986	2227	DSR	1218	FTI	619	236
	Pacific Surfliner	1358	1258	DCS	533	CTI	250	22
	San Joaquins	1830	1242	FTI	612	PTI	551	284
	Southwest Chief	795	914	FTI	415	DSR	103	2206
	Sunset Ltd	1334	1521	FTI	590	DSR	457	190
	Texas Eagle	954	1484	DSR	452	FTI	316	116
CN	Adirondack	6982	6982	DSR	5074	RTE	801	49
	Blue Water	817	566	FTI	529	DSR	273	159
	City Of New Orleans	913	1026	FTI	315	DSR	282	930
	Illini / Saluki	924	787	DSR	333	FTI	320	304
	Lincoln Service	2033	1905	FTI	949	DSR	810	35
	Lincoln / Missouri	3448	2588	FTI	1499	DSR	1307	35
	Texas Eagle	2984	1985	FTI	2031	DSR	627	35
	Wolverine	1453	1812	DSR	789	FTI	403	27
CP	Adirondack	1241	1241	PTI	552	DSR	246	178
	Empire Builder	1116	752	FTI	539	DSR	349	384
	Ethan Allen Express	2237	714	PTI	1359	DCS	421	60
	Hiawatha	211	220	FTI	60	RTE	47	53
CSX	Auto Train	1165	1334	DSR	385	FTI	323	898
	Capitol Ltd	641	741	RTE	233	FTI	179	307
	Cardinal	750	969	DSR	244	FTI	229	703
	Carolinian	1078	1321	PTI	257	DSR	252	295
	Lake Shore Ltd	580	783	FTI	204	DCS	98	741
	Maple Leaf	724	890	FTI	324	RTE	144	298
	New York - Niagara Falls	612	770	FTI	367	RTE	110	296
	Palmetto	1080	1097	FTI	385	PTI	283	659
	Pere Marquette	173	200	DCS	93	FTI	49	135
	Richmond / Newport News / Norfolk	1215	1319	DSR	295	FTI	248	189
	Silver Meteor	874	914	PTI	261	DSR	230	1152
	Silver Star	921	1025	PTI	268	DSR	243	1209
NS	Blue Water	1799	2854	FTI	1392	DCS	204	39
	Capitol Ltd	1420	1621	FTI	960	RTE	216	481
	Cardinal	1320	2004	FTI	571	PTI	473	79
	Carolinian	612	742	PTI	304	DCS	122	202
	Crescent	2115	1480	FTI	1312	DCS	243	1141
	Lake Shore Ltd	1367	1341	FTI	910	PTI	229	339
	Pennsylvanian	1060	1000	FTI	579	RTE	250	249
	Pere Marquette	1560	1964	FTI	861	PTI	424	39
	Piedmont	733	708	FTI	237	PTI	165	173
	Richmond / Newport News / Norfolk	898	836	DCS	354	DSR	337	81
	Roanoke	783	779	FTI	281	PTI	244	216
	Silver Star	212	965	RTE	71	FTI	65	28
	Wolverine	2286	2730	FTI	1333	DCS	290	39
	UP	California Zephyr	1721	1685	FTI	683	DSR	399
Capitol Corridor		682	766	PTI	268	DSR	132	171
Cascades		1907	1781	FTI	605	PTI	585	125
Coast Starlight		1536	1574	DCS	416	FTI	388	1162
Lincoln Service		914	1048	PTI	313	FTI	298	231
Lincoln / Missouri		1226	1434	FTI	463	DSR	309	502
Missouri		1551	1425	FTI	939	DSR	340	271
Pacific Surfliner		2125	2424	DCS	1258	PTI	551	174
San Joaquins		1588	1357	PTI	677	FTI	349	88
Sunset Ltd		1709	1942	FTI	1017	DSR	271	1784
Texas Eagle		1429	1883	FTI	903	DSR	212	1073

Minutes of Delay per 10K Train Miles by Host for April 2023

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	Adirondack	322	309	RTE	94	PTI	82	100
	Blue Water	362	279	DSR	148	PTI	118	99
	Ethan Allen Express	223	361	PTI	111	RTE	59	100
	Maple Leaf	284	392	RTE	121	PTI	73	109
	New York - Albany	156	195	PTI	55	RTE	49	81
	New York - Niagara Falls	217	392	PTI	64	CTP	62	109
	Wolverine	501	405	PTI	226	DSR	170	99
BBrRR	Cardinal	1847	1471	PTI	678	FTI	471	132
Fla DOT	Silver Meteor	599	796	CTI	465	PTI	53	68
	Silver Star	599	848	CTI	500	PTI	41	68
FR	Auto Train	4244	5776	DSR	3122	CTI	1089	16
	Silver Meteor	3634	3905	DSR	1505	CTI	1002	61
	Silver Star	2140	2571	DSR	1379	DCS	350	61
MADOT	Springfield Shuttles	1166	693	FTI	770	PTI	233	36
	Vermonter	51	436	DSR	34	DCS	17	50
MBTA	Downeaster	1122	1189	DCS	548	CTI	429	38
Metra	Empire Builder	2990	2070	CTI	2357	DSR	288	29
	Hiawatha	2210	1791	CTI	1092	DSR	621	29
MIDOT	Blue Water	196	419	PTI	157	RTE	24	22
	Wolverine	508	918	PTI	396	DCS	62	134
MNRR	Adirondack	1870	1156	CTI	851	RTE	408	64
	Ethan Allen Express	1805	1043	CTI	863	DMW	369	64
	Lake Shore Ltd	2161	1186	CTI	610	RTE	604	64
	Maple Leaf	1732	877	CTI	772	RTE	617	64
	New York - Albany	1852	1080	CTI	988	RTE	394	64
	New York - Niagara Falls	2206	1614	CTI	1396	DMW	270	64
	Richmond / Newport News / Norfolk	1838	1895	DSR	1020	CTI	629	56
	Vermonter	2911	2814	DSR	1711	CTI	792	56
NECR	Vermonter	900	1409	DSR	859	FTI	36	192
NMDOT	Southwest Chief	1456	2229	DSR	534	CTI	376	80
PanAm	Downeaster	551	780	PTI	289	DCS	185	107
SCRRA	Coast Starlight	1509	1276	PTI	926	DSR	158	48
	Pacific Surfliner	1291	1174	PTI	379	DMW	298	95
SDNRR	Pacific Surfliner	853	999	CTI	394	PTI	266	60
Sunder	Cascades	899	920	PTI	351	CTI	293	20
	Coast Starlight	2471	2133	PTI	1596	CTI	413	20
TRE	Texas Eagle	1763	901	RTE	760	CTI	552	33
VTR	Ethan Allen Express	1249	653	DSR	1238	DCS	7	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.



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					
All Other NEC Corridor Routes									
Northeast Regional	Richmond / Newport News / Norfolk	CSX	1215	1319	DSR	295	FTI	248	189
		NS	898	836	DCS	354	DSR	337	81
		MNRR	1838	1895	DSR	1020	CTI	629	56
	Roanoke	NS	783	779	FTI	281	PTI	244	216
	Springfield Shuttles	MADOT	1166	693	FTI	770	PTI	233	36
Non-NEC Corridor Routes									
Capitol Corridor		UP	682	766	PTI	268	DSR	132	171
Carolinian		CSX	1078	1321	PTI	257	DSR	252	295
		NS	612	742	PTI	304	DCS	122	202
Cascades		BNSF	1453	1400	FTI	412	DSR	402	317
		UP	1907	1781	FTI	605	PTI	585	125
		Sounder	899	920	PTI	351	CTI	293	20
Downeaster		MBTA	1122	1189	DCS	548	CTI	429	38
		PanAm	551	780	PTI	289	DCS	185	107
Empire	Adirondack	CN	6982	6982	DSR	5074	RTE	801	49
		CP	1241	1241	PTI	552	DSR	246	178
		Amtrak	322	309	RTE	94	PTI	82	100
		MNRR	1870	1156	CTI	851	RTE	408	64
	Ethan Allen Express	CP	2237	714	PTI	1359	DCS	421	60
		Amtrak	223	361	PTI	111	RTE	59	100
		MNRR	1805	1043	CTI	863	DMW	369	64
		VTR	1249	653	DSR	1238	DCS	7	24
	Maple Leaf	CSX	724	890	FTI	324	RTE	144	298
		Amtrak	284	392	RTE	121	PTI	73	109
		MNRR	1732	877	CTI	772	RTE	617	64
	New York - Albany	Amtrak	156	195	PTI	55	RTE	49	81
		MNRR	1852	1080	CTI	988	RTE	394	64
	New York - Niagara Falls	CSX	612	770	FTI	367	RTE	110	296
		Amtrak	217	392	PTI	64	CTP	62	109
		MNRR	2206	1614	CTI	1396	DMW	270	64
Heartland Flyer		BNSF	1986	2227	DSR	1218	FTI	619	236
Hiawatha		CP	211	220	FTI	60	RTE	47	53
		Metra	2210	1791	CTI	1092	DSR	621	29
Illinois	Carl Sandburg / Illinois Zephyr	BNSF	893	841	FTI	505	CTI	111	257
	Illini / Saluki	CN	924	787	DSR	333	FTI	320	304
	Lincoln Service	CN	2033	1905	FTI	949	DSR	810	35
		UP	914	1048	PTI	313	FTI	298	231
Lincoln / Missouri		CN	3448	2588	FTI	1499	DSR	1307	35
		UP	1226	1434	FTI	463	DSR	309	502
Michigan	Blue Water	CN	817	566	FTI	529	DSR	273	159
		NS	1799	2854	FTI	1392	DCS	204	39
		Amtrak	362	279	DSR	148	PTI	118	99
		MIDOT	196	419	PTI	157	RTE	24	22
	Pere Marquette	CSX	173	200	DCS	93	FTI	49	135
		NS	1560	1964	FTI	861	PTI	424	39
	Wolverine	CN	1453	1812	DSR	789	FTI	403	27
		NS	2286	2730	FTI	1333	DCS	290	39
		Amtrak	501	405	PTI	226	DSR	170	99
		MIDOT	508	918	PTI	396	DCS	62	134
Missouri		UP	1551	1425	FTI	939	DSR	340	271
Pacific Surfliner		BNSF	1358	1258	DCS	533	CTI	250	22
		UP	2125	2424	DCS	1258	PTI	551	174
		SCRRA	1291	1174	PTI	379	DMW	298	95
		SDNRR	853	999	CTI	394	PTI	266	60
Pennsylvanian		NS	1060	1000	FTI	579	RTE	250	249
Piedmont		NS	733	708	FTI	237	PTI	165	173
San Joaquins		BNSF	1830	1242	FTI	612	PTI	551	284
		UP	1588	1357	PTI	677	FTI	349	88
Vermonter		MADOT	51	436	DSR	34	DCS	17	50
		MNRR	2911	2814	DSR	1711	CTI	792	56
		NECR	900	1409	DSR	859	FTI	36	192

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	1165 4244	1334 5776	DSR DSR	385 3122	FTI CTI	323 1089	898 16
California Zephyr		BNSF UP	942 1721	1011 1685	FTI FTI	320 683	DSR DSR	303 399	1027 1381
Capitol Ltd		CSX NS	641 1420	741 1621	RTE FTI	233 960	FTI RTE	179 216	307 481
Cardinal		CSX NS BBrRR	750 1320 1847	969 2004 1471	DSR FTI PTI	244 571 678	FTI PTI FTI	229 473 471	703 79 132
City Of New Orleans		CN	913	1026	FTI	315	DSR	282	930
Coast Starlight		BNSF UP SCRRA Sounder	1369 1536 1509 2471	1234 1574 1276 2133	FTI DCS PTI PTI	383 416 926 1596	RTE FTI DSR CTI	381 388 158 413	158 1162 48 20
Crescent		NS	2115	1480	FTI	1312	DCS	243	1141
Empire Builder		BNSF CP Metra	773 1116 2990	905 752 2070	FTI FTI CTI	442 539 2357	DSR DSR DSR	205 349 288	2147 384 29
Lake Shore Ltd		CSX NS MNRR	580 1367 2161	783 1341 1186	FTI FTI CTI	204 910 610	DCS PTI RTE	98 229 604	741 339 64
Palmetto		CSX	1080	1097	FTI	385	PTI	283	659
Silver Meteor		CSX Fla DOT FR	874 599 3634	914 796 3905	PTI CTI DSR	261 465 1505	DSR PTI CTI	230 53 1002	1152 68 61
Silver Star		CSX NS Fla DOT FR	921 212 599 2140	1025 965 848 2571	PTI RTE CTI DSR	268 71 500 1379	DSR FTI PTI DCS	243 65 41 350	1209 28 68 61
Southwest Chief		BNSF NMDOT	795 1456	914 2229	FTI DSR	415 534	DSR CTI	103 376	2206 80
Sunset Ltd		BNSF UP	1334 1709	1521 1942	FTI FTI	590 1017	DSR DSR	457 271	190 1784
Texas Eagle		BNSF CN UP TRE	954 2984 1429 1763	1484 1985 1883 901	DSR FTI FTI RTE	452 2031 903 760	FTI DSR DSR CTI	316 627 212 552	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	73.3%	74.5%	71.8%	74.0%	52	63
NEC Corridor Routes	80.9%	86.0%	76.1%	81.1%	44	43
Minimum Standard			80.0%	80.0%		
Acela*	78.8%	86.5%	74.6%	83.0%	34	32
Keystone	92.2%	95.7%	94.1%	94.8%	46	41
Northeast Regional	77.2%	82.0%	72.7%	77.4%	47	45
On Spine Northeast Regional	80.4%	86.4%	75.1%	82.7%	48	43
Richmond / Newport News / Norfolk	69.5%	77.5%	68.2%	73.4%	46	45
Roanoke	76.5%	73.0%	74.1%	67.2%	46	49
Springfield Shuttles	88.9%	89.8%	87.8%	88.3%	36	34
Non-NEC Corridor Routes	76.9%	78.3%	73.0%	74.9%	41	46
Minimum Standard			80.0%	80.0%		
Capitol Corridor	89.9%	88.2%	86.3%	83.7%	33	39
Carolinian	63.1%	64.1%	62.3%	61.8%	50	52
Cascades	57.7%	64.0%	52.0%	55.4%	37	44
Downeaster	92.6%	87.9%	88.2%	81.9%	32	35
Empire	79.3%	83.5%	77.4%	82.3%	39	44
Adirondack	73.9%	83.1%	78.8%	85.7%	46	62
Berkshire Flyer	0.0%	57.8%	0.0%	50.6%	0	41
Ethan Allen Express	74.2%	82.2%	69.8%	77.1%	42	45
Maple Leaf	68.0%	76.3%	69.2%	77.6%	47	47
New York - Albany	88.4%	91.9%	82.9%	88.3%	33	41
New York - Niagara Falls	80.5%	79.6%	73.7%	76.5%	39	45
Heartland Flyer	62.7%	60.3%	52.0%	50.9%	41	46
Hiawatha	90.5%	92.2%	87.5%	90.0%	38	37
Illinois	78.3%	71.8%	77.8%	68.8%	47	47
Carl Sandburg / Illinois Zephyr	75.5%	77.1%	71.1%	77.2%	36	40
Illini / Saluki	73.5%	64.7%	74.5%	63.7%	57	45
Lincoln Service	84.1%	72.1%	82.5%	69.4%	41	51
Lincoln / Missouri	53.3%	49.3%	55.5%	44.9%	40	62
Michigan	81.9%	70.8%	79.5%	70.2%	43	59
Blue Water	79.2%	74.4%	73.9%	71.8%	41	62
Pere Marquette	91.7%	86.8%	89.3%	82.2%	34	49
Wolverine	81.4%	67.6%	79.6%	66.8%	44	59
Missouri	67.0%	60.1%	60.4%	53.3%	48	55
Pacific Surfliner	74.7%	79.2%	74.6%	78.7%	48	40
Pennsylvanian	77.6%	74.4%	83.0%	75.2%	46	41
Piedmont	78.4%	79.9%	68.6%	70.4%	34	42
San Joaquins	57.2%	73.5%	46.3%	68.2%	35	44
Vermonteer	82.3%	75.1%	75.1%	76.6%	46	46
Long-Distance Routes	51.6%	45.6%	52.9%	47.0%	85	110
Minimum Standard			80.0%	80.0%		
Auto Train	78.3%	61.2%	61.9%	46.8%	72	124
California Zephyr	23.8%	22.9%	21.9%	22.3%	135	167
Capitol Ltd	68.2%	53.0%	71.2%	49.0%	35	79
Cardinal	50.5%	47.6%	49.0%	46.7%	80	76
City Of New Orleans	59.9%	55.8%	72.8%	64.6%	62	82
Coast Starlight	60.4%	48.9%	61.9%	50.6%	78	91
Crescent	38.7%	55.3%	38.1%	56.3%	103	87
Empire Builder	51.5%	43.1%	48.5%	45.9%	93	140
Lake Shore Ltd	81.8%	68.5%	76.0%	67.4%	36	66
Palmetto	61.5%	66.4%	58.5%	67.7%	55	54
Silver Meteor	55.0%	51.9%	48.8%	52.6%	65	63
Silver Star	50.2%	36.9%	48.8%	32.0%	73	100
Southwest Chief	40.5%	33.1%	35.5%	28.1%	101	136
Sunset Ltd	36.7%	19.5%	36.9%	24.1%	91	146
Texas Eagle	53.7%	44.4%	57.8%	47.4%	82	103

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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 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.