

THE NATION'S TOP TRUCK BOTTLENECKS 2021

ANALYSIS

Since 2002, the American Transportation Research Institute (ATRI) has collected and processed truck GPS data in support of numerous U.S. DOT freight mobility initiatives. Using truck GPS data from over 1 million freight trucks, ATRI develops and monitors a series of key performance measures on the nation's freight transportation system. Among many GPS analyses, ATRI converts its truck GPS dataset into an ongoing truck bottleneck analysis that is used to quantify the impact of traffic congestion on truck-borne freight at over 300 specific locations. While other datasets may identify congested corridors, no dataset available today specifically identifies granular chokepoints in the nation's truck freight transportation system.

ATRI's annual Top Truck Bottleneck Analysis uses a full year of truck GPS data to calculate the top chokepoints. However, 2020 was by all definitions a different year with pandemic-related impacts intersecting with traffic patterns. In a March 2020 analysis using its

truck GPS dataset, ATRI found average truck speeds at some of the worst truck bottlenecks improve by 100% or more as car drivers sheltered in place and trucks kept moving to deliver essential goods. In a separate analysis in April 2020, ATRI found state-level truck activity increased in early February as panic-buying drove consumer demand, followed by a decrease in truck activity as more businesses were closed. However, by April and into May, ATRI's Truck Activity Index began to improve across the states analyzed, signaling a return to pre-pandemic freight demand.

An additional impact on traffic congestion in 2020 was the number of roadway construction projects that were able to commence and/or advance at a faster pace due to fewer vehicles on the road during the pandemic. Once traffic levels increased in the second half of 2020, those construction projects became even more congested. As such, this year's Top Truck Bottleneck list reflects a rise in ranking in a number of locations impacted by roadway construction.

2021 TOP TRUCK BOTTLENECKS • BY THE NUMBERS

AVERAGE PEAK
HOUR TRUCK
SPEED: **43.0 mph**



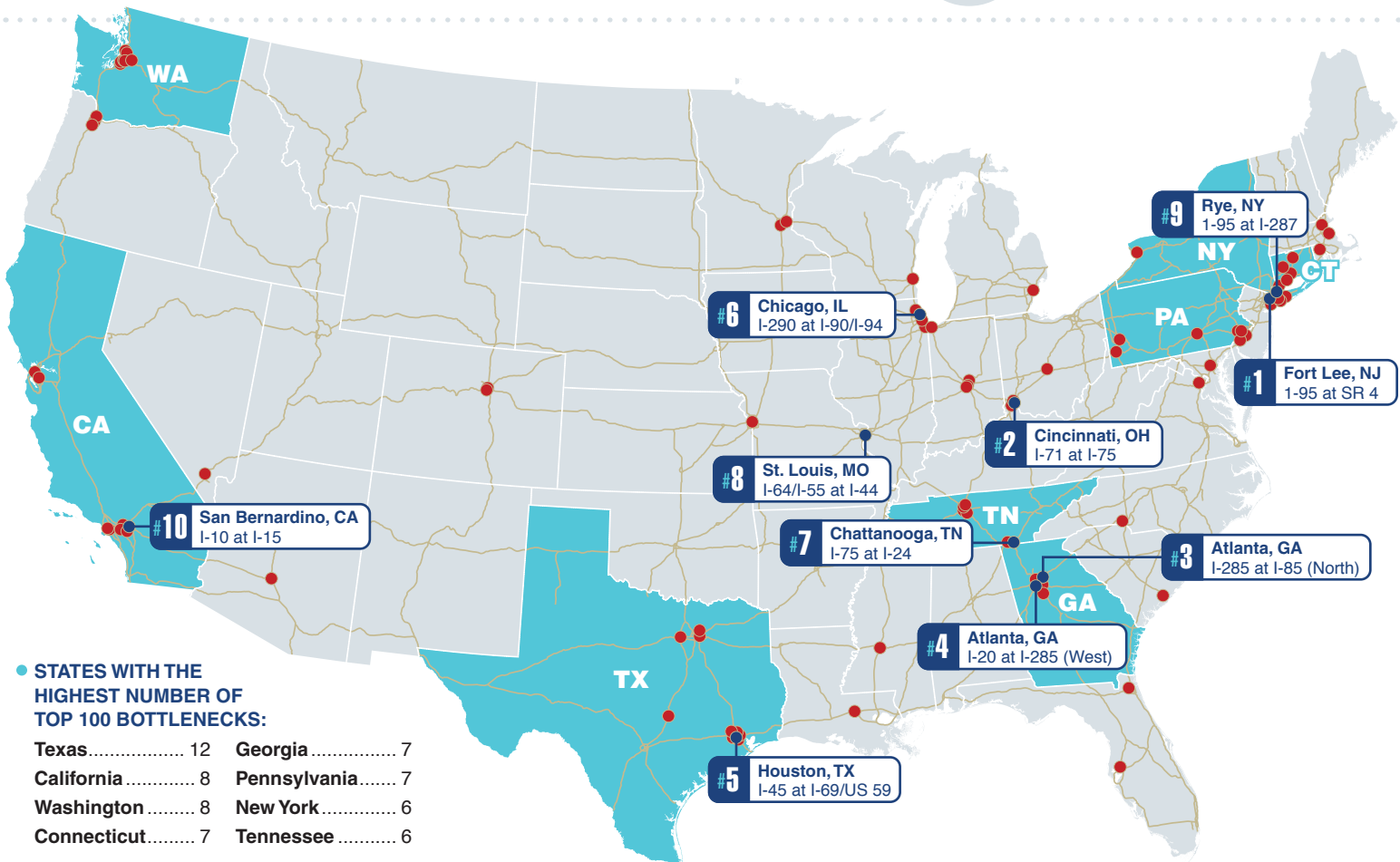
33.9%
year-over-year

TOP 100 BOTTLENECKS
WITH AVERAGE TRUCK
SPEEDS <45 MPH:



NUMBER OF STATES
WITH AT LEAST ONE
TOP 100 BOTTLENECK:

29



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2021 TOP 100 TRUCK BOTTLENECKS

1 Fort Lee, NJ: I-95 at SR 4	41 Waterbury, CT: I-84 at SR 8	71 Phoenix, AZ: I-17 at I-10
2 Cincinnati, OH: I-71 at I-75	42 Chicago, IL: I-80 at I-94	72 Philadelphia, PA: I-476 at I-95
3 Atlanta, GA: I-285 at I-85 (North)	43 Dallas, TX: US 75 at I-635	73 Seattle, WA: I-90 at I-405
4 Atlanta, GA: I-20 at I-285 (West)	44 Los Angeles, CA: I-110 at I-105	74 Pittsburgh, PA: I-70 at I-79 (East)
5 Houston, TX: I-45 at I-69/US 59	45 Houston, TX: I-610 at I-69/US 59 (West)	75 Hartford, CT: I-91 at US 5
6 Chicago, IL: I-290 at I-90/I-94	46 Bronx, NY: I-678	76 Philadelphia, PA: I-76 at I-476
7 Chattanooga, TN: I-75 at I-24	47 Philadelphia, PA: I-76 at US 1	77 Nashville, TN: I-65 at I-24
8 St. Louis, MO: I-64/I-55 at I-44	48 Gary, IN: I-65 at I-80	78 Los Angeles, CA: SR 91 at SR 55
9 Rye, NY: I-95 at I-287	49 Chicago, IL: I-90 at I-94 (North)	79 Minneapolis - St. Paul, MN: I-35W at I-494
10 San Bernardino, CA: I-10 at I-15	50 Houston, TX: I-610 at US 290	80 Houston, TX: I-45 at I-610 (South)
11 Los Angeles, CA: SR 60 at SR 57	51 Richland, MS: US 49	81 Cincinnati, OH: I-75 at I-74
12 Dallas, TX: I-45 at I-30	52 Atlanta, GA: I-20 at I-75/I-85	82 Charlotte, NC: I-85 at I-485 (West)
13 Nashville, TN: I-24/I-40 at I-440 (East)	53 Chattanooga, TN: I-24 at US 27	83 Milwaukee, WI: I-94/I-794 at I-43
14 Brooklyn, NY: I-278 at Belt Parkway	54 Kansas City, MO: I-70 at I-670 at US 71	84 Tacoma, WA: I-5 at SR 512
15 Austin, TX: I-35	55 Oakland, CA: I-880 at I-238	85 Tiger Mountain Summit, WA: SR 18
16 Atlanta, GA: I-75 at I-285 (North)	56 Detroit, MI: I-94 at I-75	86 Buffalo-Niagara Falls, NY: I-90 at I-290
17 Houston, TX: I-45 at I-610 (North)	57 Minneapolis - St. Paul, MN: I-35E at I-94	87 New Haven, CT: I-95 at I-91
18 Baton Rouge, LA: I-10 at I-110	58 Houston, TX: I-10 at I-610 (East)	88 Nashville, TN: I-65 at SR 386
19 Chicago, IL: I-90 at I-94 (South)	59 Charleston, SC: I-26 at I-526	89 Portland, OR: I-5 at I-205 (South)
20 Denver, CO: I-70 at I-25	60 Federal Way, WA: SR 18 at I-5	90 Bridgeport, CT: I-95 at SR 8/SR 25
21 Los Angeles, CA: I-710 at I-105	61 Manhasset, NY: I-495 at Shelter Rock Road	91 Baltimore, MD: I-695 at I-70
22 Houston, TX: I-10 at I-45	62 Auburn, WA: SR 18 at SR 167	92 Boston, MA: I-93 at SR 3
23 Vancouver, WA: I-5 at Columbia River	63 Minneapolis - St. Paul, MN: I-94 at US 52	93 Harrisburg, PA: SR 581 at I-83
24 Cincinnati, OH: I-75/I-71 at I-275	64 Tampa, FL: I-4 at I-275	94 Pittsburgh, PA: I-376
25 Atlanta, GA: I-20 at I-285 (East)	65 Oakland, CA: I-80 at I-580/I-880	95 Jacksonville, FL: I-10 at I-95
26 Philadelphia, PA: I-76 at I-676	66 Denver, CO: I-25 at I-76	96 Indianapolis, IN: I-465 at I-69
27 Denver, CO: I-70 at I-270	67 Columbus, OH: I-71 at I-70	97 Fairfax, VA: I-495 at I-66
28 Portland, OR: I-5 at I-84	68 Atlanta, GA: I-75 at I-85	98 Boston, MA: I-95 at I-93 (North)
29 Queens, NY: I-495	69 Ft. Worth, TX: I-35W at I-30	99 Indianapolis, IN: I-65 at I-70 (South)
30 Hartford, CT: I-84 at I-91	70 Camden, NJ: I-76 at I-676	100 Las Vegas, NV: I-15 at I-515
31 McDonough, GA: I-75		
32 Corona, CA: I-15 at SR 91		
33 Providence, RI: I-95 at I-195		
34 Stamford, CT: I-95		
35 Nashville, TN: I-40 at I-65 (East)		
36 Indianapolis, IN: I-65 at I-70 (North)		
37 Seattle, WA: I-5 at I-90		
38 Houston, TX: I-10 at I-610 (West)		
39 Tacoma, WA: I-5 at I-705/SR 16		
40 Norwalk, CT: I-95		

ATRI TOP TRUCK BOTTLENECK ANALYSIS DELIVERS VALUE TO STAKEHOLDERS NATIONWIDE:

- **Transportation planners** use the data to target infrastructure investments.
- **Trucking fleets** use the data to select routes and dispatch to avoid congestion.
- **Professional drivers** use the data for staging and to plan Hours-of-Service breaks.

ATRI is the trucking industry's not-for-profit research organization whose primary mission is to conduct transportation research, with an emphasis on the trucking industry's essential role in a safe, efficient and viable transportation system.