

# Congestion Costs the Economy

ATRI research findings:



**\$74.5 billion**

Annual cost to the trucking industry as a result of congestion on the nation's highways



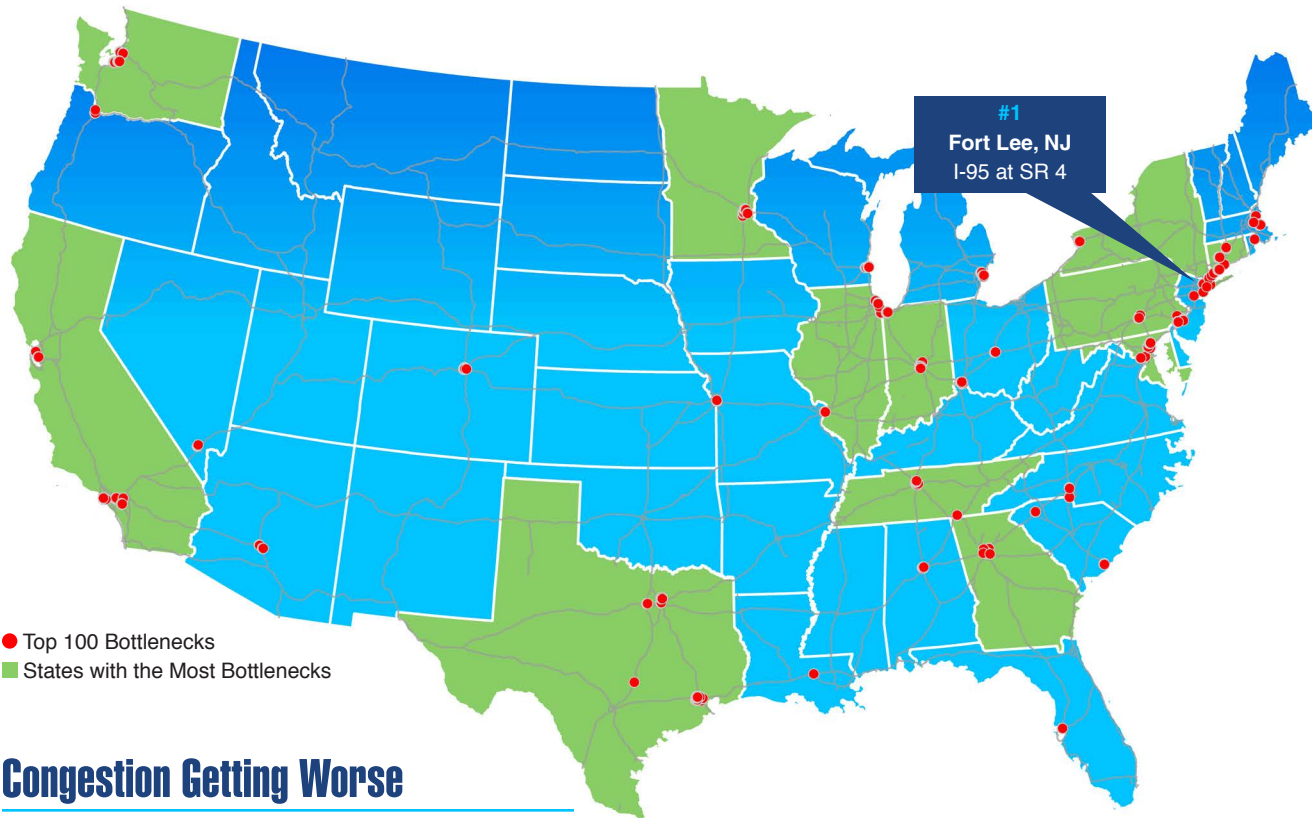
**1.2 billion**

Lost hours of trucking industry productivity due to congestion



**425,533**

Equivalent number of truck drivers sitting idle for an entire year



- Top 100 Bottlenecks
- States with the Most Bottlenecks

## Congestion Getting Worse

▼ Year-over-year average truck speeds at the top 10 locations dropped by **nearly 9%**

## States with Most Bottlenecks

TX.....13	GA .....6	MN.....5	IL .....4
CA .....7	WA .....6	NY.....5	IN .....4
CT.....6	MD/DC...5	PA.....5	TN.....4



To view the top 100 list of truck bottlenecks along with detailed profiles for each location, please visit ATRI's website:

[TruckingResearch.org](http://TruckingResearch.org)



The Nation's Top Truck

**BOTTLENECKS**

2019



## WHAT:

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 nearly 1 million trucks, ATRI develops and monitors a series of key performance measures on the nation's freight transportation system. ATRI now converts its truck GPS dataset into an ongoing analysis that is used to quantify the impact of traffic congestion on truck-borne freight at 300 specific locations.

## WHY:

ATRI's annual truck bottleneck analysis empowers policy and investment decision-making in the private and public sectors by providing stakeholders with a better understanding of the severity of congestion and mobility constraints on the U.S. highway transportation system. This is critical as state Departments of Transportation and the Federal Highway Administration weigh the resources needed to maintain the country's freight transportation network, and address the growing concerns over traffic bottlenecks throughout the country.

## APPROACH:

This bottleneck analysis incorporates and synthesizes several unique components, including a massive database of truck GPS data, a sophisticated IT processing system, and algorithms that quantify the impact of congestion on truck-borne freight.

## OUTCOMES:

In 2012, the State of Illinois commenced work on the reconstruction of the Chicago Circle Interchange based on its ATRI ranking as the nation's #1 bottleneck. The \$600 million project is expected to be completed by 2022.



For more information on ATRI's truck bottleneck analysis methodology and detailed location profiles, visit ATRI's website: [TruckingResearch.org](http://TruckingResearch.org)

# Top 100 List

1	Fort Lee, NJ	I-95 at SR 4	51	Chattanooga, TN	I-24 at Hwy 27
2	Atlanta, GA	I-285 at I-85 (North)	52	Minneapolis–St. Paul, MN	I-35E at I-94
3	Atlanta, GA	I-75 at I-285 (North)	53	Minneapolis–St. Paul, MN	I-35W at I-94
4	Los Angeles, CA	SR 60 at SR 57	54	Atlanta, GA	I-20 at I-75/I-85
5	Houston, TX	I-45 at I-69/US 59	55	Washington, DC	I-95 at I-495 (North)
6	Cincinnati, OH	I-71 at I-75	56	New Haven, CT	I-95 at I-91
7	Chicago, IL	I-290 at I-90/I-94	57	Houston, TX	I-10 at I-610 (East)
8	Nashville, TN	I-24/I-40 at I-440 (East)	58	Indianapolis, IN	I-65 at I-70 (South)
9	Atlanta, GA	I-20 at I-285 (West)	59	Auburn, WA	SR 18 at SR 167
10	Los Angeles, CA	I-710 at I-105	60	Greenville, SC	I-85 at I-385
11	Gary, IN	I-65 at I-80	61	Houston, TX	I-610 at US 290
12	Denver, CO	I-70 at I-25	62	Harrisburg, PA	I-81 at I-83
13	Houston, TX	I-10 at I-45	63	Philadelphia, PA	I-476 at I-95
14	Hartford, CT	I-84 at I-91	64	Waterbury, CT	I-84 at SR 8
15	San Bernardino, CA	I-10 at I-15	65	Charlotte, NC	I-77 near Lake Norman
16	Dallas, TX	I-45 at I-30	66	Minneapolis–St. Paul, MN	I-35W at I-694
17	Chicago, IL	I-90 at I-94 (North)	67	Tacoma, WA	I-5 at I-705/SR 16
18	Detroit, MI	I-94 at I-75	68	Seattle, WA	I-90 at I-405
19	Baton Rouge, LA	I-10 at I-110	69	Ft. Worth, TX	I-35W at I-30
20	Brooklyn, NY	I-278 at Belt Parkway	70	Charlotte, NC	I-77 at I-485 (South)
21	St. Louis, MO	I-64/I-55 at I-44	71	Kansas City, MO	I-70 at I-670 at US 71
22	Austin, TX	I-35	72	Chicago, IL	I-80 at I-94
23	Denver, CO	I-70 Central Project	73	Denver, CO	I-25 at I-76
24	Houston, TX	I-45 at I-610 (North)	74	Bridgeport, CT	I-95 at RT 8
25	Atlanta, GA	I-20 at I-285 (East)	75	Milwaukee, WI	I-94 at I-894/I-41
26	Chicago, IL	I-90 at I-94 (South)	76	Manhasset, NY	I-495 at Shelter Rock Road
27	Houston, TX	I-10 at I-610 (West)	77	Philadelphia, PA	I-76 at I-476
28	Portland, OR	I-5 at I-84	78	Piscataway, NJ	I-287
29	Vancouver, WA	I-5 at Columbia River	79	Houston, TX	I-610 at I-69/US 59 (West)
30	Indianapolis, IN	I-65 at I-70 (North)	80	Corona, CA	I-15 at SR 91
31	Oakland, CA	I-880 at I-238	81	Boston, MA	I-93 at SR 3
32	Birmingham, AL	I-65 at I-20	82	Nashville, TN	I-65 at I-24
33	Phoenix, AZ	I-17 at I-10	83	Rye, NY	I-95 at I-287
34	Nashville, TN	I-40 at I-65 (East)	84	Charleston, SC	I-26 at I-526
35	Providence, RI	I-95 at I-195	85	Phoenix, AZ	I-10 at US 60
36	Minneapolis–St. Paul, MN	I-35W at I-494	86	Minneapolis–St. Paul, MN	I-94 at US 52
37	Seattle, WA	I-5 at I-90	87	Detroit, MI	I-75 at I-696
38	Philadelphia, PA	I-76 at I-676	88	Boston, MA	I-95 at I-93 (North)
39	Boston, MA	I-95 at I-90	89	Houston, TX	I-45 at I-610 (South)
40	Queens, NY	I-495	90	Camden, NJ	I-76 at I-676
41	Las Vegas, NV	I-15 at I-515	91	Atlanta, GA	I-75 at I-85
42	Dallas, TX	US 75 at I-635	92	Harrisburg, PA	RT 581 at I-83
43	Stamford, CT	I-95	93	Columbus, OH	I-71 at I-70
44	Oakland, CA	I-80 at I-580/I-880	94	Washington, DC	I-495 at I-270 (West)
45	Baltimore, MD	I-695 at I-70	95	Indianapolis, IN	I-465 at I-69
46	Federal Way, WA	SR 18 at I-5	96	Baltimore, MD	I-95 at I-695 (South)
47	Norwalk, CT	I-95	97	Baltimore, MD	I-695 at I-83
48	Cincinnati, OH	I-75 at I-74	98	Tampa, FL	I-4 at I-275
49	Milwaukee, WI	I-94/I-794 at I-43	99	Buffalo–Niagara Falls, NY	I-90 at I-290
50	Los Angeles, CA	I-110 at I-105	100	Houston, TX	I-10 at I-69/US 59