

#10

Philadelphia Metropolitan Area

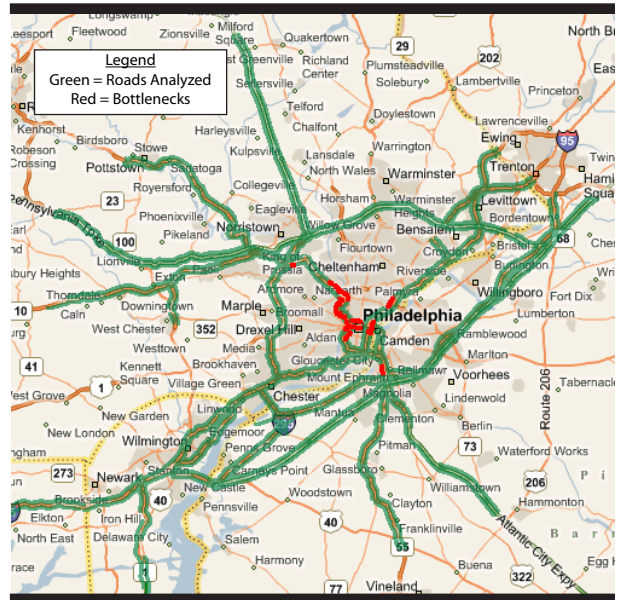
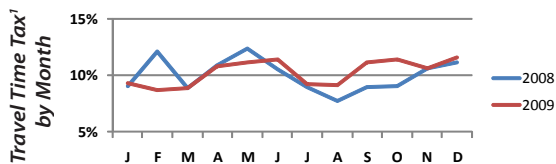
National Congestion Rank: #10

—20% of Peak Period² Congestion of Nation's Worst Metro Area (L.A.)

Population Rank: #5 (5,838,000)

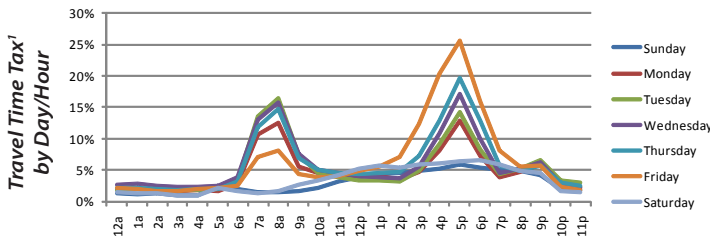
Trends Year-to-Year for Peak Period² Congestion in Metro Area

	2009	2008	2007	2006
National Congestion Rank	10	11	12	14
Travel Time Tax™ ¹	10%	10%	14%	12%
– Rank	22	21	24	22
– Change (from referenced year to 2009)	—	+2%	-29%	-14%



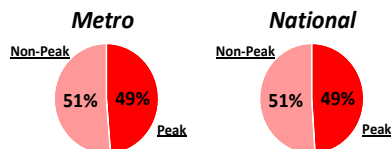
CBSA*: Philadelphia-Camden-Wilmington PA-NJ-DE-MD

Patterns for 2009 Congestion in Metro Area



What Was the Worst Hour? Friday, 5-6 PM [26% Travel Time Tax¹]

How Much Congestion Was Peak² vs. Non-Peak Period?



Impact

of 2009 Peak Period² Congestion

For a One-Way, Uncongested, Peak Period² Commute of...

In 2009, an Average Driver Incurred a **Annual Travel Time Tax¹** (in Hours) of...

	Philadelphia Metro			National		
	AM	PM	Total	AM	PM	Total
15 Minutes	5.3	7.5	12.8	4.4	6.7	11.1
30 Minutes	10.7	15.0	25.7	8.7	13.4	22.1
60 Minutes	21.4	30.0	51.4	17.4	26.8	44.3

Bottlenecks

across Metro Area in 2009

What Was the Worst Place and Time? I-95 SB @ Route 90 (Betsy Ross Bridge)/Aramingo Avenue, Thursday 8-9 AM [13 mph average speed / 0.88 mile segment]

Bottleneck Rank	Regional		Road/Direction	Segment/Interchange	County	State	Length (miles)	Hours of Congestion ³	Average Speed when Congested ³ (mph)
	2009	2008							
1	185	1443	Schuylkill Expy/I-76 EB	SOUTH ST/EXIT 346	Philadelphia	Pennsylvania	0.49	45	18.9
2	202	224	Schuylkill Expy/I-76 WB	US-1/CITY AVE/EXIT 340/EXIT 339	Montgomery	Pennsylvania	1.39	33	16.1
3	221	1051	Schuylkill Expy/I-76 EB	WALNUT ST	Philadelphia	Pennsylvania	0.15	36	16.2
4	247	943	Schuylkill Expy/I-76 WB	UNIVERSITY AVE/EXIT 346B	Philadelphia	Pennsylvania	0.68	39	17.2
5	332	825	Vine Street Expy/I-676 EB	23RD ST	Philadelphia	Pennsylvania	0.28	24	13.6
6	434	528	Vine Street Expy/I-676 WB	23RD ST	Philadelphia	Pennsylvania	0.81	26	18.5
7	470	324	Schuylkill Expy/I-76 EB	MONTGOMERY DR/EXIT 341	Philadelphia	Pennsylvania	1.51	27	22.1
8	478	403	Schuylkill Expy/I-76 EB	MATSONFORD RD/EXIT 332	Montgomery	Pennsylvania	0.24	29	23.6
9	602	1196	Vine Street Expy/I-676 EB	BROAD ST	Philadelphia	Pennsylvania	0.93	23	20.0
10	669	638	I-95 SB	ROUTE 90 (BETSY ROSS BRIDGE)/ARAMINGO AVE	Philadelphia	Pennsylvania	0.88	17	18.4

Notes:
 1 – **Travel Time Tax** is the percentage of extra travel time (vs. “free flow”) a random trip takes in the specific region and time period analyzed. A 10% tax means 10% additional trip time due to congestion.
 2 – **Peak hours** are Monday to Friday, 6 to 10 AM and 3 to 7 PM.
 3 – **“Hours of Congestion”** is defined as times of the week when a road segment’s average hourly speed is half or less than its uncongested speed.
 4 – **CBSA** stands for “Core Based Statistical Area,” the official term for a functional region based around an urban center of at least 10,000 people, based on standards published by the U.S. Government’s Office of Management and Budget (OMB).
 Additional information on the methodologies used in this report are available at <http://scorecard.inrix.com>.