Summer Shields
October 6, 2021
IS 310 Section 07

Cost of Traffic Congestion by U.S. Region

	City	Cost Traffic
Northeast	Baltimore, MD	530
	Boston, MA	880
	Hartford, CT	250
	New York, NY	1,090
	Philadelphia, PA	420
	Pittsburgh, PA	400
	Washington, DC	1,420
Midwestern cities	Chicago, IL	570
	Cincinnati, OH	200
	Cleveland, OH	140
	Columbus, OH	230
	Detroit, MI	530
	Indianapolis, IN	130
	Kansas City, MO	160
	Louisville, KY	190
	Milwaukee, WI	370
	Minneapolis-St. Paul, MN	270
	Oklahoma City, OK	190
	St. Louis, MO	540
Southern cities	Atlanta, GA	640
	Charlotte, NC	390
	Ft. Lauderdale, FL	290
	Jacksonville, FL	400
	Memphis, TN	140
	Miami, FL	680
	Nashville, TN	340
	New Orleans, LA	340
	Norfolk, VA	390
	Orlando, FL	420

Summer Shields
October 6, 2021
IS 310 Section 07

	Tampa, FL	310
Southwestern cities	Albuquerque, NM	210
	Austin, TX	410
	Corpus Christi, TX	50
	Dallas, TX	750
	Denver, CO	420
	El Paso, TX	120
	Fort Worth, TX	420
	Houston, TX	750
	Phoenix, AZ	630
	Salt Lake City, UT	90
	San Antonio, TX	290
Western cities	Honolulu, HI	470
	Los Angeles, CA	980
	Portland, OR	500
	Sacramento, CA	280
	San Bernardino-River, CA	1,320
	San Diego, CA	480
	San Francisco-Oakland, CA	930
	San Jose, CA	960
	Seattle-Everett, WA	880

Summer Shields
October 6, 2021
IS 310 Section 07

Averages	
Northeast	713
Midwestern	293
Southern	395
Southwestern	376
Western	756

Sample Standard Deviation	
Northeast	428.47
Midwestern	165.66
Southern	152.08
Southwestern	252.56
Western	336.46

In comparing the averages and standard deviations of the 5 U.S. regions two things stood out. Firstly, the two largest averages belong to the Western and Northeastern regions. Secondly, the dataset with the largest standard deviation comes from the Northeastern region. This is due to the greater variability between the costs within this region's cities.