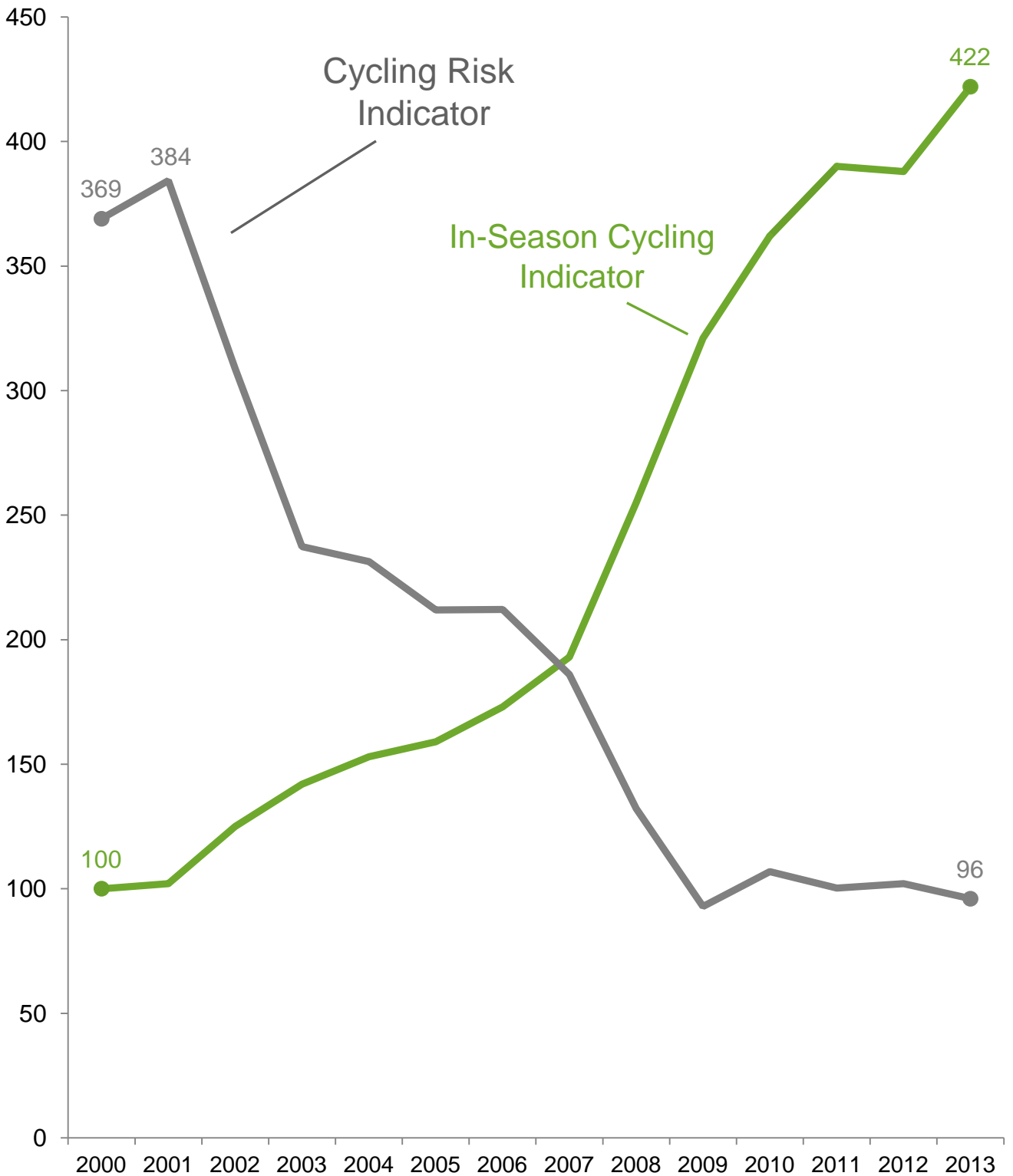


New York City Cycling Risk



New York City Cycling Risk

NYC Cycling Risk Indicator, NYC In-Season Cycling Indicator, and NYC Bicyclist Fatalities and Severe Injuries

Year	Bicyclist Fatalities	Bicyclist Severe Injuries	Bicyclist Fatalities + Severe Injuries	In-Season Cycling Indicator	Cycling Risk Indicator
2000	18	351	369	100	369
2001	13	379	392	102	384
2002	21	365	386	125	309
2003	18	319	337	142	237
2004	16	338	354	153	231
2005	22	315	337	159	212
2006	18	349	367	173	212
2007	24	335	359	193	186
2008	25	312	337	255	132
2009	12	286	298	321	93
2010	19	368	387	362	107
2011	22	369	391	390	100
2012	18	376	394	388	102
2013	12	393	405	422	96

New York City Cycling Risk Indicator

The **New York City Cycling Risk Indicator** is calculated as the number of bicyclists killed or severely injured in motor vehicle traffic crashes, divided by the **NYC In-Season Cycling Indicator**, multiplied by 100.

The Risk Indicator describes changes in cyclist safety over the past decade while accounting for the increase in bicycle use in New York City.

The decrease in the Cycling Risk Indicator from a high of 384 in 2001 to 96 in 2013 represents a **75% decrease in the average risk of a serious injury** experienced by cyclists in New York City.

This indicator uses the sum of bicyclist fatalities and severe injuries for several reasons. Severe injuries (Type A injuries, as reported by responding officers and classified by the NYS Dept. of Motor Vehicles) generally receive medical attention and are more likely than other injuries to result in medically serious outcomes such as long-term disabilities. Severe injuries are reported more consistently than non-severe injuries. Bicyclist fatalities vary widely from year to year; bicyclist severe injuries are more consistent. Summing severe injuries and fatalities allows observation of year-to-year changes in the number of serious bicyclist crashes.

Sources:

- NYC In-Season Cycling Indicator. The Indicator is based on weekday 12-hour counts taken between April and October at 6 key cycling locations, indexed to the year 2000 count:
<http://www.nyc.gov/html/dot/downloads/pdf/2013-nyc-cycling-in-the-city.pdf>
- Bicyclist fatalities: NYCDOT-NYPD Reconciled Traffic Fatality Database
- Bicyclist severe injuries: NYSDOT SIMS/ALIS Crash Database (as of 8/14/14)
 - Type A injuries reported in crashes involving bicycles.