

New York City Traffic Safety Analysis

Select Year
2018

Total Crashes

231,564

📈 +0.2% vs 231,007 Last Year

Total Injuries

61,940

📈 +2.1% vs 60,656 Last Year

Total Fatalities

231

📉 -9.8% vs 256 Last Year

Crashes Resulting in Harm

26.8%

📈 +1.8% vs 26.4% Last Year

(Injuries + Fatalities) / Total Crashes

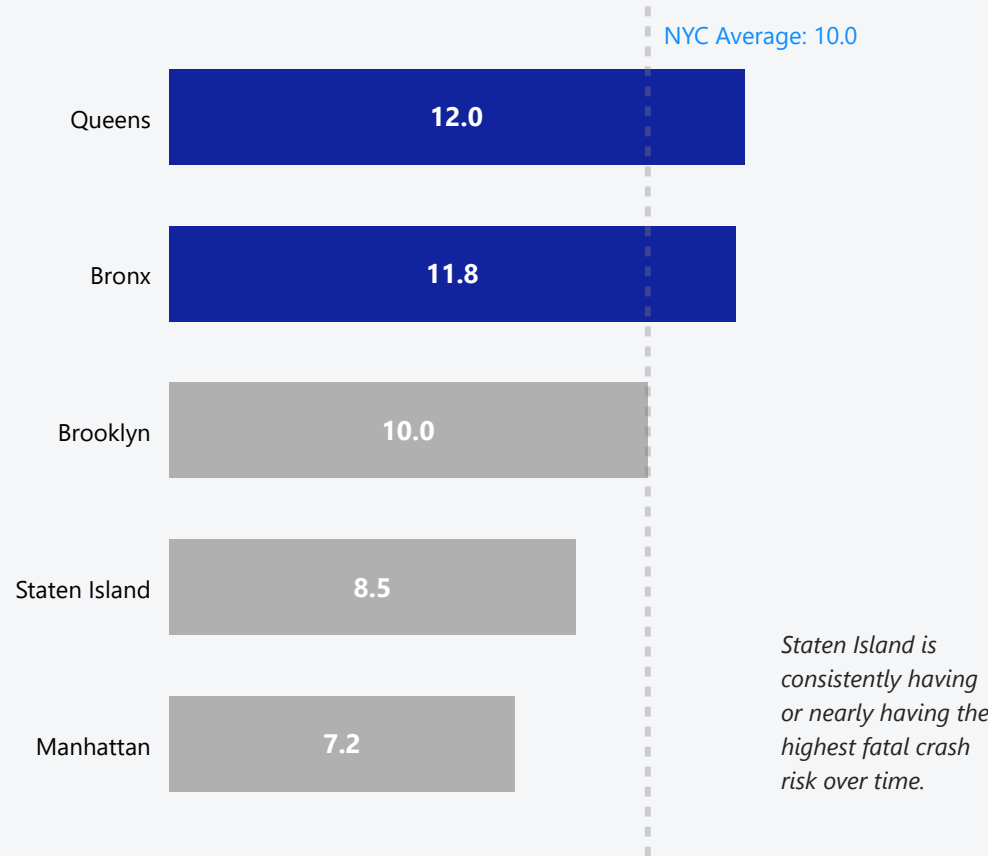
Overview

Impact

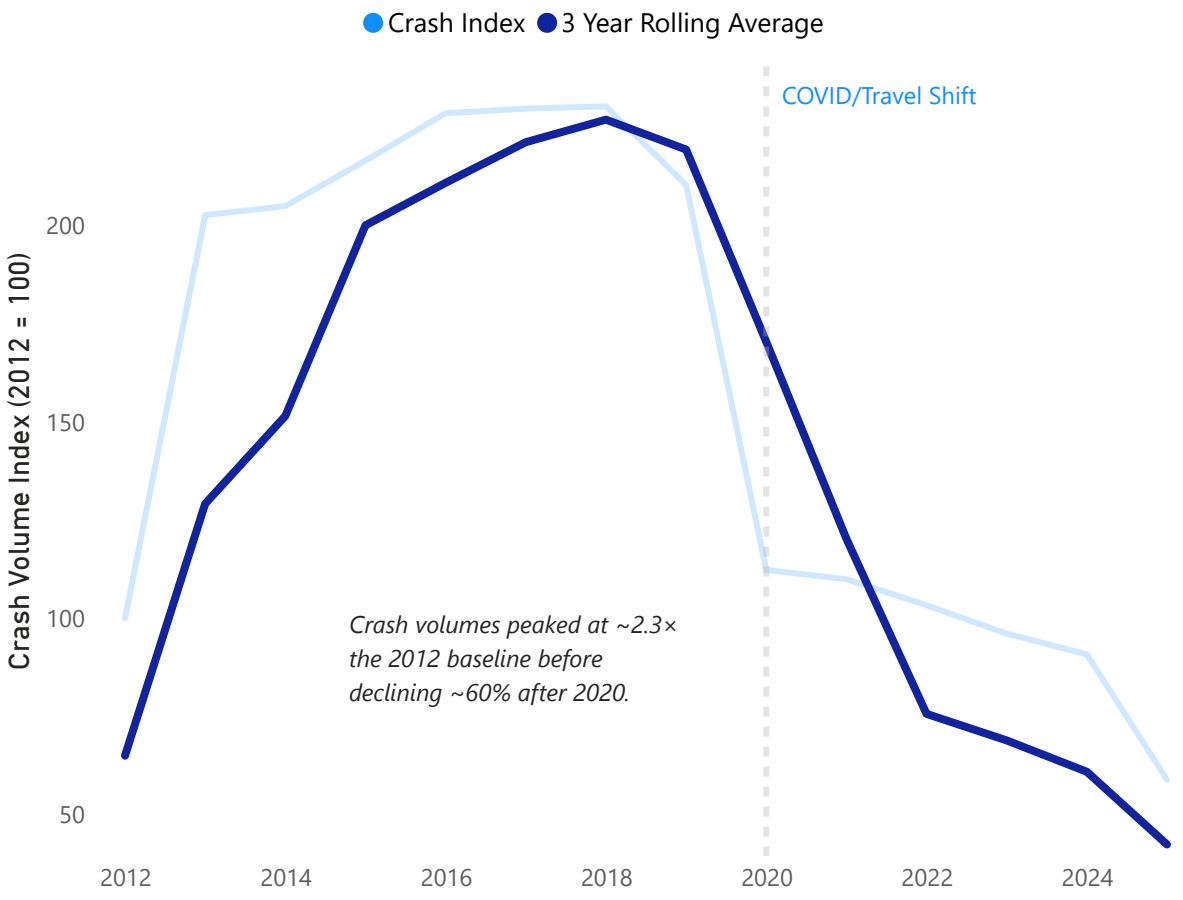
Pinpoints

Fatalities Per 10,000 Crashes by Borough

NYC Average Shown for Context



Crash Volumes Before & After COVID Travel Shift



New York City Traffic Safety Analysis

Select Person Group
Pedestrians

Fatal Crash Risk

Fatalities per 10,000 Crashes

135.48

Injury Burden

Injuries per 1,000 Crashes

1.03K

Share of Citywide Fatalities

Selected Person Type

49.4%

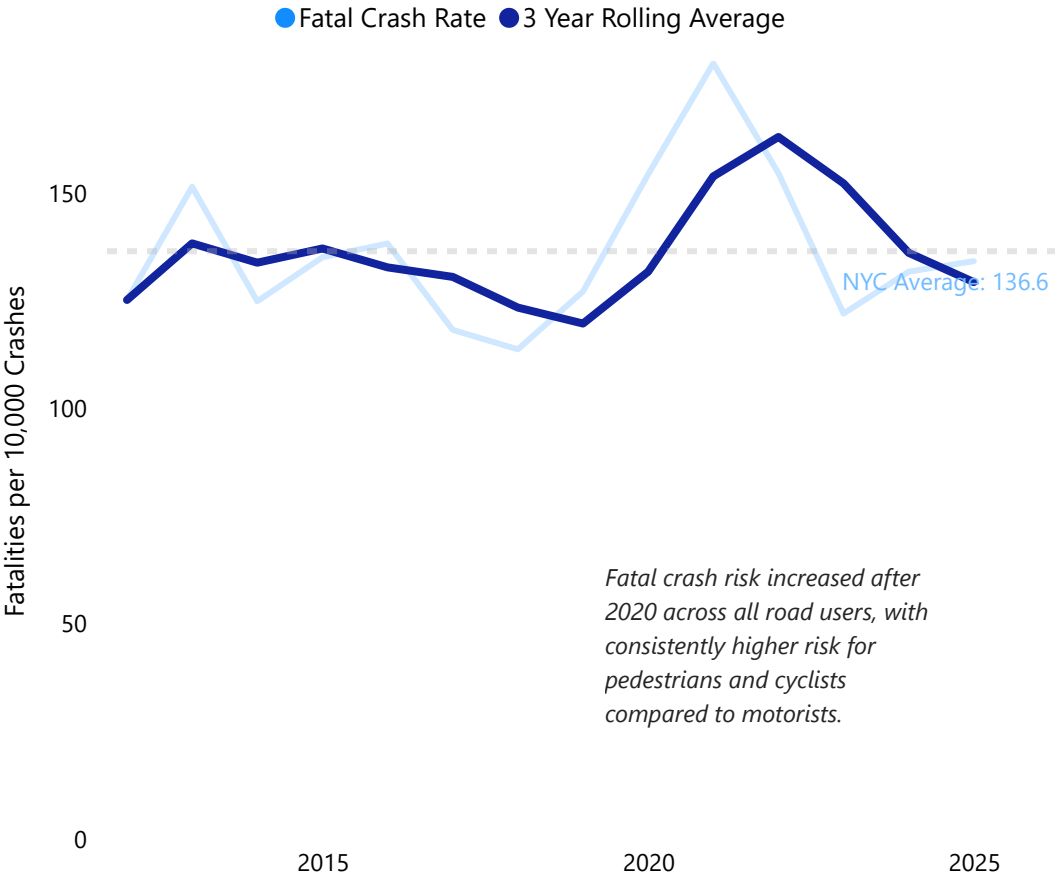
Overview

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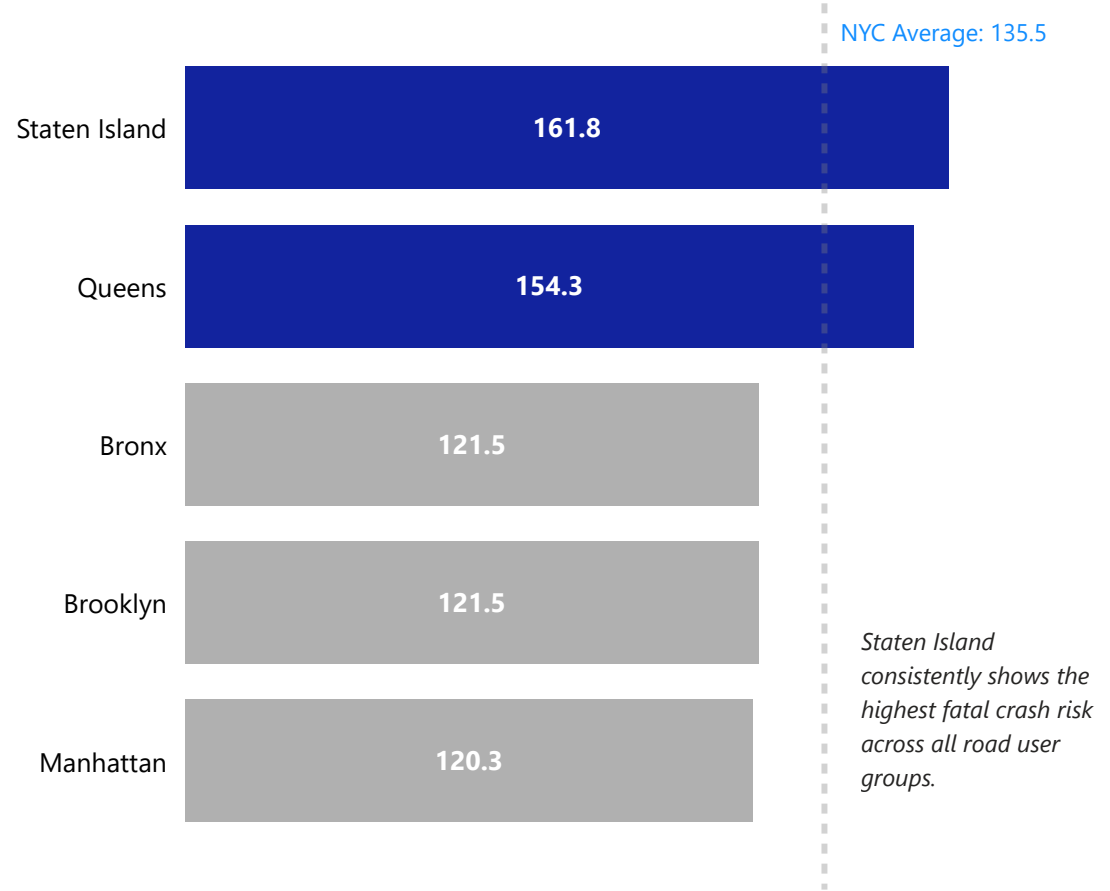
Fatal Crash Risk Over Time for (Pedestrians)

Fatalities per 10K Crashes



Fatal Crash Risk for (Pedestrians) by Borough

Fatalities per 10,000 Crashes - Selected Group



New York City Traffic Safety Analysis

Crash Concentration by Day and Time

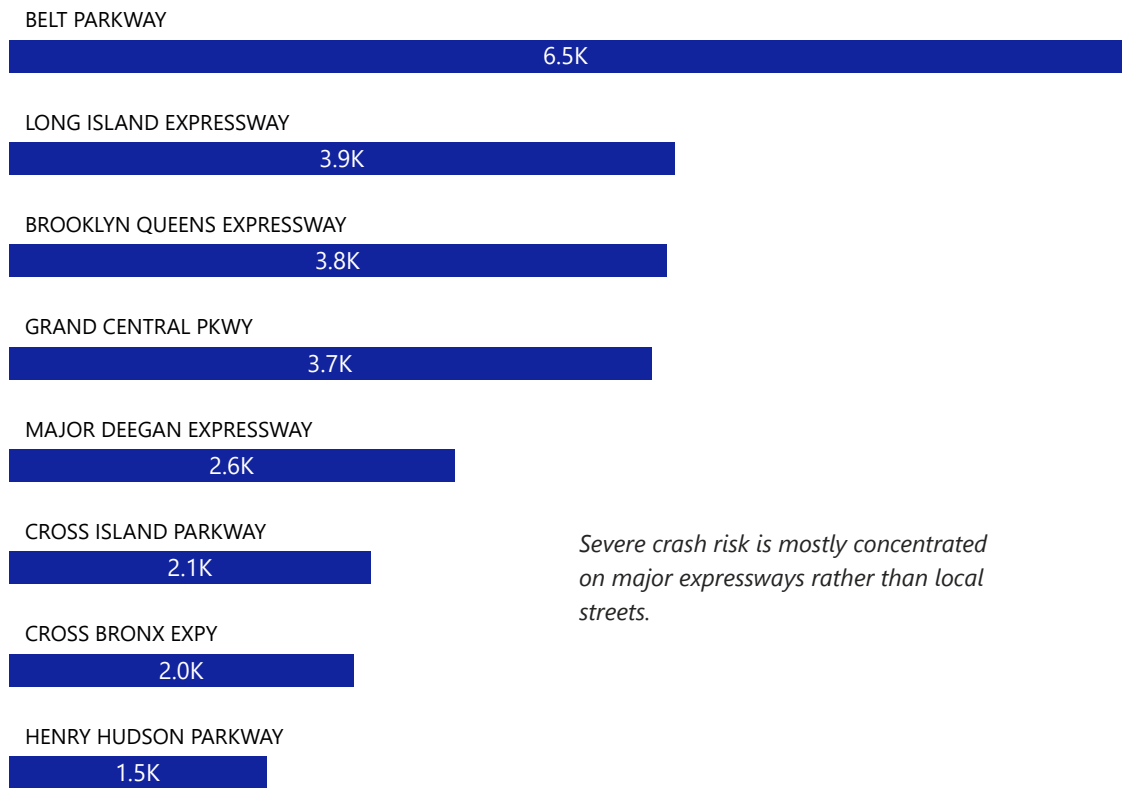
Harmful Crashes (Resulting in Injury or Death)

Day of Week	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Monday	3,548	2,385	2,081	2,064	2,310	1,675	1,211	1,108	1,394	1,555	1,983	2,551	2,838	3,253	3,777	3,773	3,865	3,967	3,987	3,677	3,431	3,194	2,869	2,298
Tuesday	2,517	1,224	823	698	914	1,150	1,981	2,802	4,296	3,577	3,070	3,164	3,529	3,800	4,378	4,733	5,291	5,475	4,957	4,003	3,455	2,961	2,388	1,982
Wednesday	2,138	831	599	522	578	980	1,900	2,817	4,705	3,958	3,359	3,478	3,673	3,851	4,618	4,874	5,397	5,731	5,191	4,467	3,786	3,104	2,682	2,167
Thursday	2,260	956	667	555	668	992	1,980	2,877	4,539	3,677	3,115	3,339	3,638	3,892	4,627	5,000	5,337	5,702	5,282	4,416	3,626	3,256	2,765	2,149
Friday	2,432	995	733	625	683	950	1,886	2,853	4,482	3,644	3,217	3,365	3,706	3,901	4,717	4,937	5,287	5,646	5,160	4,451	3,860	3,304	2,842	2,333
Saturday	2,739	1,228	858	763	903	1,085	1,912	2,761	4,256	3,594	3,112	3,498	3,895	4,180	5,157	5,297	5,623	5,835	5,440	4,671	4,053	3,509	3,386	3,038
Sunday	3,308	2,153	1,885	1,781	1,942	1,511	1,360	1,284	1,863	2,207	2,487	3,035	3,388	3,689	4,087	4,051	4,326	4,290	4,319	4,007	3,887	3,588	3,386	3,156

Harmful crashes peak during weekday evening commutes, with elevated risk on weekends.

Locations With the Most Harmful Crashes

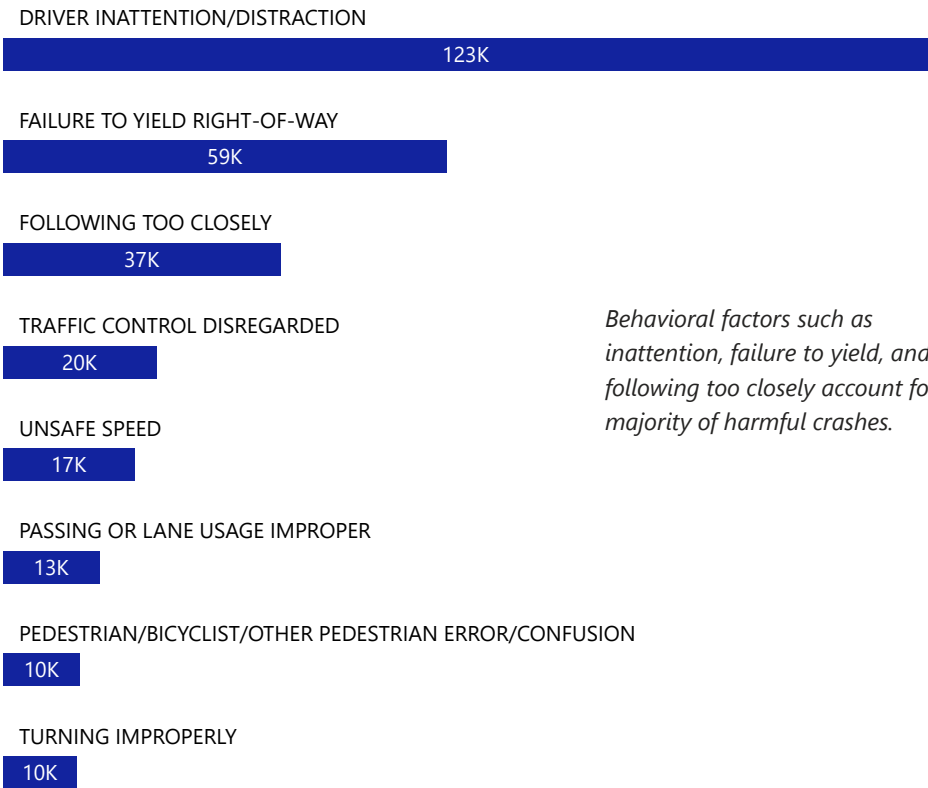
Injuries & Fatalities = Harmful Crashes



Severe crash risk is mostly concentrated on major expressways rather than local streets.

Leading Contributing Factors in Harmful Crashes

Property Damage Crashes Excluded



Behavioral factors such as inattention, failure to yield, and following too closely account for majority of harmful crashes.

Overview

Impact

Pinpoints