



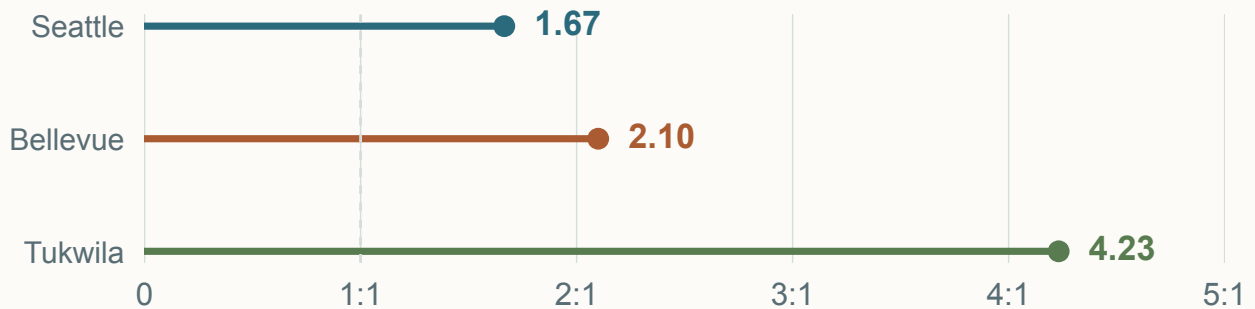
SEATTLE / BELLEVUE / TUKWILA

King County crashes, residents and workplaces

Where did severe crashes increase, and what do commuting and workplace activity add? WSDOT reported crashes, 2020-2024, with a 2021-2023 increase focus; ACS 2020-2024 and LODES 2023 supply dated area context.

Primary jobs at workplaces / primary jobs held by residents

LODES 2023 | same primary-job definition on both sides



ACS 2020-2024

	Seattle	Bellevue	Tukwila
Residents	754,195 ±72	151,847 ±87	21,451 ±47
Mean commute, minutes	26.0 ±0.3	23.6 ±0.6	24.6 ±1.2
Worked from home	34.8% ±0.7	35.6% ±1.4	12.8% ±3.6
Drove alone to work	36.7% ±0.6	45.6% ±1.7	66.2% ±3.4

±90% MOE; share MOEs in percentage points. Commute mean excludes home workers.

Tukwila's employment role. LODES links 41,756 of its 42,504 workplace primary jobs to homes outside the city (98.2%). ACS estimates 21,451 residents (±47); its job balance is 4.23 workplace jobs per resident-held primary job. These measures describe different populations and periods; neither supplies a daily travel denominator.

The crash findings remain specific. City Street records supply 138/161 of King County's severe-event increase in 2021-2023 (85.7%). Seattle adds 80; Bellevue adds 1. Seattle's intersection-related subset rises 81 to 138 (+57). In Bellevue, Q4 severe events rise 6 to 18 in 2023-2024, while all reported Q4 crashes stay near flat: 386 to 385.

Severe = fatal or suspected serious maximum injury per reported crash event. The study is exploratory; counts are not adjusted for travel exposure, and the selected comparisons do not establish cause.



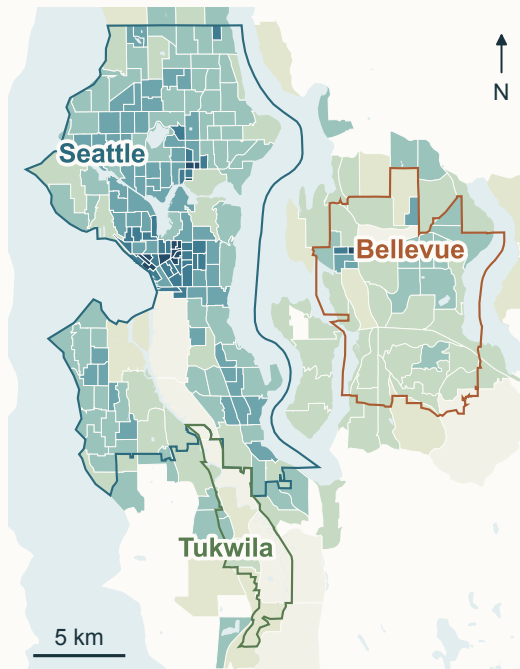
FEDERAL CONTEXT / STATE OUTCOMES / LOCAL CONDITIONS

Follow the geography and the road

Whole-tract resident and workplace densities reveal different activity patterns. The feature table joins ACS and LODES context to the frozen crash cohort by verified 2024 tract geography.

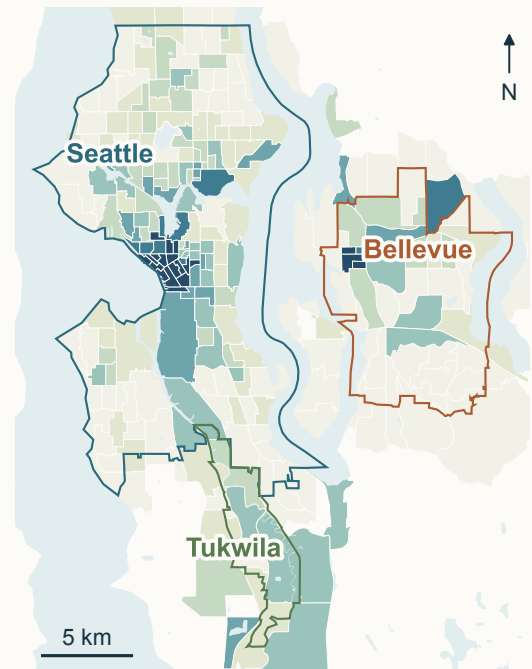
Resident density

ACS 2020-2024 | people / land km²



Workplace job density

LODES 2023 | primary jobs / land km²



<500 500-<1k 1-<2k 2-<4k 4-<8k 8-<16k 16k+

Whole-tract values and land area; 2024 TIGER geometry. City outlines are reference only.

Road activity. In Tukwila, 1,024/1,464 reported crashes in 2023 (69.9%) were coded State Route. A dated I-5 section reports AADT 239,000 vehicles/day. Across matched 2021-2023 highway sections, median volume change is +4.4% Seattle, +6.8% Bellevue and +3.8% Tukwila. These are road-section samples, not unique visitors or all-road city totals.

Time and conditions. Modeled-night shares of 2021-2023 severe City Street events are 42.1% Seattle (271/644), 26.9% Bellevue (18/67) and 45.0% Tukwila (18/40). SDOT reports street lights on for 235 of Seattle's 271 modeled-night events. Site design, crossing movements and actual road-user volumes are useful next measurements.

How the evidence joins. All 57,785 three-city crashes (1,654 severe) remain after the tract/context join. LODES block parents come from its official crosswalk; OD totals reconcile to workplace jobs. ACS MOEs, annotations and missing values remain visible. Local collision features require unique report keys and exact dates; the frozen WSDOT severity is preserved.