



# San Francisco Street & Sidewalk Maintenance Standards Sampling Methodology

Calendar Year 2022

# Sampling Method

## Where we evaluated

The evaluation team sampled 3,000+ street and sidewalk segments by reviewing 14 specific features to assess the cleanliness and conditions of the City's streets and sidewalks. Specifically, the team conducted evaluations across San Francisco through two surveys – the **Core Citywide Survey** and the special **Key Commercial Areas Survey**.

The **Core Citywide Survey** includes nearly 1,000 randomly selected street segments. This sample represents all the streets and sidewalks across the entire City and County of San Francisco. About 80% of our sample is residential streets and sidewalks, which tend to be cleaner than the commercial ones. The results from this survey provide the baseline Citywide score for each feature and for future years.

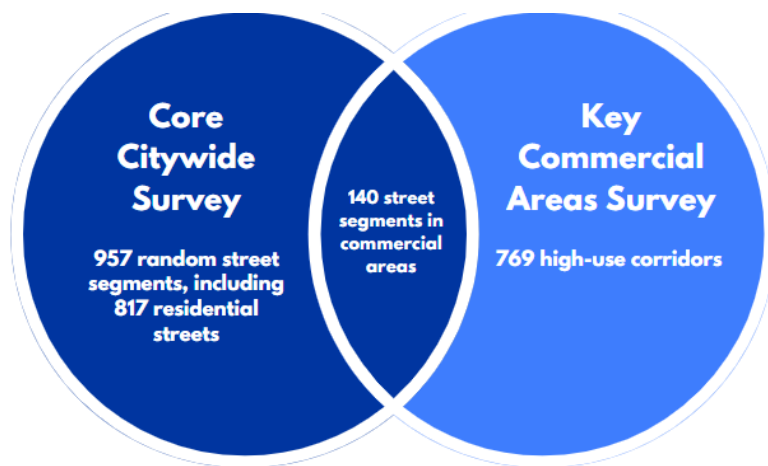
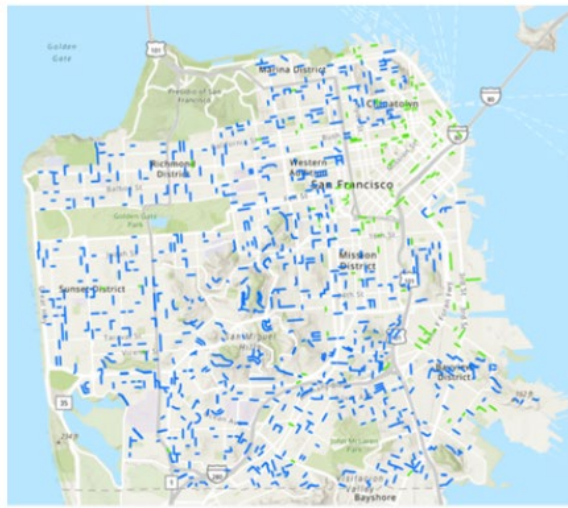


FIGURE B.1.

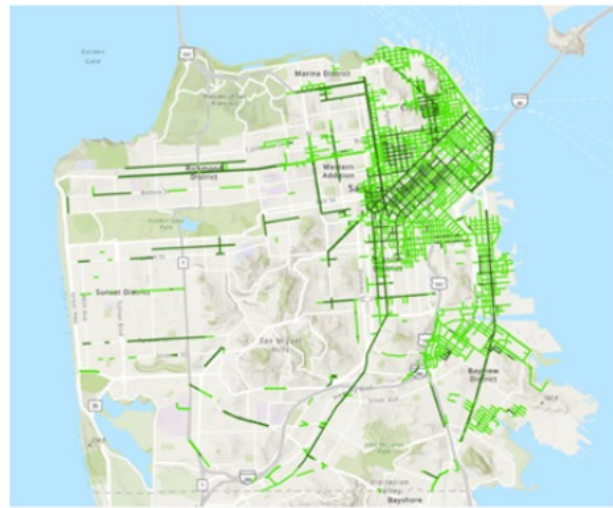
The **Key Commercial Areas Survey** includes 769 high-use corridors sampled from commercial, industrial, or mixed-use street segments. Compared to the more residential-focused Core Citywide Survey, high-use commercial areas tend to see more pedestrian traffic and business activity, which can attract more issues like litter and graffiti. This survey gives us the data needed to determine a score for each feature for these commercial areas at citywide and neighborhood levels.

The maps below show all the street segments evaluated for the Core Citywide Survey and Key Commercial Areas Survey in CY22. In the Core Citywide Survey, commercial street segments are green and residential ones are blue. In the Key Commercial Areas Survey, commercial street segments are light green and Key Commercial Area segments are darker green.

FIGURE B.2

**Core Citywide Survey Street Segments**

— Residential  
— Commercial

**Key Commercial Areas Survey Street Segments**

— Key Commercial Areas  
— Commercial

**Sampling Approach for Core Citywide Survey**

Using a sample size calculator for the total population of San Francisco street segments of 17K, at a 95% confidence level and 10% margin of error, the sample of 817 evaluations in residential areas and 140 evaluations in commercial areas in the Core Citywide sample is sufficiently large for statistical significance. Due to insufficient sample sizes at the neighborhood-level in the Core Citywide survey, neighborhood-level results are not reported here.

**Neighborhood Sampling Approach for the Key Commercial Areas Survey**

To account for neighborhoods with small sample sizes; for example, 9 evaluations in Japantown, we combined some neighborhoods into two new merged neighborhoods. We took this approach to avoid misrepresenting survey findings in neighborhoods where fewer evaluations were conducted.

“Neighborhood Group #1” consists of Japantown, North Beach, Pacific Heights, Russian Hill, and Western Addition

“Neighborhood Group #2” consists of Oceanview/Merced/Ingleside and West of Twin Peaks

It is important to note that the neighborhood-level findings for the Key Commercial Areas survey only represent commercial and not residential street segments. This means that the results shown here should not be interpreted as representing the overall cleanliness of the neighborhood, as residential areas are excluded.