5. まちの総合的な危険度 ～総合危険度～
Overall Community Earthquake Risk - Combined Risk -

皆さんのまちの地震の危険性を分かりやすく示すために、地震の揺れによる建物倒壊や火災の危険性を1つの指標にまとめたものが「総合危険度」です。

まちの地震の揺れによる被害や、火災被害の大きさを知るという視点から、防災都市づくりの指標となるとともに、都民がまちづくりを考える際に、また日頃から地震に備える際に活用されることを想定しています。

総合危険度の測定方法

総合危険度は、町丁目ごとに、建物倒壊危険度と火災危険度の順位（1～5,133位）の数字を合算し、その数値に基づき順位付けを行い、評価しました。

総合危険度の測定結果

総合危険度の高い地域は、建物倒壊危険度、火災危険度ともに高かった荒川・隅田川沿いのいわゆる下町地域一帯に分布しています。具体的には、足立区南部から荒川区、台東区東部、葛飾区西部、墨田区、江東区北部、江戸川区北部に広がる地域で、また、品川区南西部や大田区に広がる地域でも危険度が高くなっています。(P15参照)

To make it easier for residents to understand the level of risk their community faces from an earthquake, building collapse risk and fire risk from earthquake shaking have been combined into one index called “combined risk.”
From the perspective of knowing the scale of possible damage to the community from shaking and fires resulting from earthquakes, “combined risk” serves as an indicator for building a disaster-resilient city. It is also hoped that residents will use this in considering community development and in their preparations for an earthquake.

How Combined Risk Is Assessed

Combined risk ratings were determined by aggregating a community’ s building collapse risk ranking and fire risk ranking (rankings from 1 to 5,133) and then ranking this sum.

Results of Combined Risk Assessment

Communities with high combined risk are found in the Shitamachi area along the Arakawa and Sumidagawa rivers where there was high risk for both building collapse and fire; specifically, the areas from southern Adachi Ward to Arakawa Ward, eastern Taito Ward, western Katsushika Ward, Sumida Ward, northern Koto Ward, and northern Edogawa Ward. The area from southwest Shinagawa Ward to Ota Ward is also at high risk. (see p.15)

総合危険度ランク図 Map of Combined Risk Ratings