

Global Roadmap of Action Toward Sustainable Mobility

Sustainable Mobility (SM) Index Score

Sustainable Mobility (SM) Index Score. SuM4All constructed a composite index score for sustainable mobility. The assumption was that each of the four goals of SuM4All have equal weight in the Index. The value of the SM Index ranges between 0 and 100. For example, Germany's score on sustainable mobility is calculated as the average of scores on universal access (92.4), efficiency (100), safety (89.9), and green mobility (61.3).

Sustainable Mobility = Universal Access + Efficiency + Safety + Green Mobility

$$\begin{aligned}
 &= \frac{\sum(\text{policy goal score})}{4} \\
 &= \frac{(92.4 + 100 + 89.9 + 61.3)}{4} \\
 &= \frac{343.6}{4}
 \end{aligned}$$

Germany's Sustainable Mobility Score = 85.9

For each principal indicator, the baseline year used for the calculation of the SM index score is identical for all countries and corresponds to the most recent year for which reported data were available for a large number of countries. Note that the baseline year may vary by indicator.

To minimize the impact of missing data on the SM Index score for specific countries, the last available data from a preceding year was used. This extrapolation assumes that the value of the indicator was constant since the last observation. For a country and indicator with no data available at any point in time, no value is added to the calculation of its SM Index.

Sustainable Mobility (SM) Global Rank. Using the SM countries' score, SuM4All ranked 183 countries on a global scale. For example, Germany ranks 3rd on sustainable mobility, in a global ranking of 183 countries.