
Singapore Index on Cities' Biodiversity

IMPORTANT NOTE. This English version of the indicator set was subject to slight changes compared with the original "Singapore Index on Cities' Biodiversity" to adapt it to the needs of a questionnaire and the situation in the five countries. In each country, SOME of the indicators listed here were selected for the questionnaire and in some cases still some adaptations to national situation were necessary.

Please fill in as many indicators as you can. A maximum of 10 points are available in this chapter, constituting 10% of the total points available in this questionnaire. Up to the limit of 10 points, you score 1 point for each indicator that you are able to answer with estimated or exact data. No points are awarded for answering with "not available".

For questions which are answered with concrete numbers, please also provide the following information by ticking the appropriate box:

- Value given is derived from comprehensive up-to-date data (**Exact**); or
- Value given is an estimation and the data has been collected insufficiently (**Estimation**); or
- The data cannot be collected or collecting and/or processing the data would be too time-consuming (**Not available**).

For advice on how to calculate the indicators and where to obtain the required data for each indicator, please visit www.*****.de. Here you will also find the rationales for using each indicator. You are encouraged, but not obliged, to provide accompanying supporting documents showing where you sourced, or how you calculated your answers.

Indicator 1: What proportion of your municipality is comprised of natural or semi-natural areas?

Proportion of area (%) : _____ **Exact**; **Estimation**; **Not available**;

Indicator 2: What proportion of your municipality is officially protected?

Proportion of area (%): _____ **Exact**; **Estimation**; **Not available**

Indicator 3: What proportions of your municipality fall into different land-use categories?

Land-use categories:

- A. Impermeable build-up area – bare (e.g., buildings, roads, any part with no vegetation or water, etc.)

- B. Anthropogenic greenery and green space – greenery on impermeable surfaces, managed green space (e.g., roof gardens, roadside plantings, golf courses, lawns, urban parks, etc.)
- C. Natural greenery – protected areas and natural ecosystems (e.g., all areas with natural ecosystems, national parks, nature reserves, etc.)
- D. Artificial water bodies (e.g., reservoirs, artificial lakes, drains, etc.)
- E. Natural water bodies (e.g., rivers, streams, lakes, etc.)

Land-use category	land-use area/total area of city	Exact	Estimation	Not available
A				
B				
C				
D				
E				
Total	1			

Indicators 4-9: How many native species of the following taxonomic groups exist within the boundaries of your municipality (last three can be chosen by you e.g. mammals, reptiles, amphibians, freshwater fish, marine fish, carabid beetles, spiders, bryophytes etc.)?

- 4. Plants: No. of species: _____ €Exact; €Estimation €Not available
- 5. Birds: No. of species: _____ €Exact; €Estimation €Not available
- 6. Butterflies: No. of species: _____ €Exact; €Estimation €Not available
- 7. Taxonomic group: _____ No. of species: _____ €Exact; €Estimation €Not available
- 8. Taxonomic group: _____ No. of species: _____ €Exact; €Estimation €Not available
- 9. Taxonomic group: _____ No. of species: _____ €Exact; €Estimation €Not available

Indicator 10: How prevalent are invasive alien species in your municipality?

[Number of invasive alien species in chosen taxonomic group that are present in municipality] / [number of native species in same taxonomic group present in your municipality] X 100

Taxonomic group: _____

Proportion (%): _____ €Exact; €Estimation; €Not available

Indicator 11: How often do your municipality residents visit public parks and protected areas?

No. of visits per person per year: _____ €Exact; €Estimation; €Not available

Indicator 12: How often do children (<16 years) visit your parks on an educational basis?

No. of visits per person per year: _____ €Exact; €Estimation; €Not available

Indicator 13: How much park area is available to your citizens?

Area per person (ha): _____ €Exact; €Estimation; €Not available

Indicator 14: What proportion of the residents in your municipality live within 300m of a park or accessible natural/semi-natural area?

Proportion of residents: _____ €Exact; €Estimation; €Not available

Indicator 15: How many biodiversity-focused public outreach and awareness-raising events are held in your municipality each year?

No. of events per year: _____ €Exact; €Estimation; €Not available

Indicator 16: How many of your agencies coordinate on biodiversity matters?*

No. of agencies coordinating: _____

Indicator 17: What proportion of the municipality's budget is spent on biodiversity projects?

Proportion of budget (%): _____ €Exact; €Estimation; €Not available

Indicator 18: Is there an ongoing public consultation process for biodiversity-related issues in your municipality?

Status of process: _____

Indicator 19: How many agencies, private companies and NGOs is your municipality partnering on biodiversity-related projects and programmes, with written contractual agreements?

No. of partnerships: _____ €Exact; €Estimation; €Not available