

Solo Female Safety Score

Methodology v1.0

SafeTravelGal - Dataset v1.0 - Frozen 2026-05-13 - <https://safetravelgal.com/methodology>

Overview

The SafeTravelGal Solo Female Safety Score compiles destination safety from official government travel advisories and a versioned reference dataset. Every figure on the site is traceable to a named primary source with a fetched-at timestamp.

Honest disclosure: at v1.0 the composite overall score is a single integer assigned at the dataset freeze date by the analyst, cross-referencing the sources below. It is not yet a live algorithmic computation. The live composite formula below ships with v1.1.

Composite formula (v1.1, live)

Equally weighted average of four normalized safety indicators. Each source is independently normalized to a 0-100 scale (100 = safest). The composite is the arithmetic mean of available sources, then scaled to 0-10 for display. Minimum 2 sources required; otherwise the score is omitted.

US State Dept Advisory - 25%

Normalization: Level 1-100, Level 2-66, Level 3-33, Level 4-0

UK FCDO Advisory - 25%

Normalization: Keyword analysis of FCDO summary text mapped to 0-100 scale

AU DFAT (Smartraveller) - 25%

Normalization: Level 1-100, Level 2-66, Level 3-33, Level 4-0

Global Peace Index - 25%

Normalization: GPI score (1.0-4.0, lower = safer) inverted: $((4.0 - \text{score}) / 3.0) - 100$

Output: 0-100 normalized, scaled to 0-10 for display. Minimum 2 sources required, otherwise the score is omitted rather than estimated.

Sources

US Department of State

<https://travel.state.gov/content/travel/en/traveladvisories/traveladvisories.html>

UK Foreign, Commonwealth & Development Office

<https://www.gov.uk/foreign-travel-advice>

Australian Department of Foreign Affairs and Trade (Smartraveller)

<https://www.smartraveller.gov.au/>

US Centers for Disease Control - Travel Health Notices

<https://www.cdc.gov/travel-notice/>

Institute for Economics & Peace - Global Peace Index

<https://www.economicsandpeace.org/global-peace-index/>

Equaldex LGBTQ+ Rights Index

<https://www.equaldex.com/>

Reproducibility

Every input, weight, normalization rule, and source URL is published. Any reader, researcher, or journalist can reproduce a destination's composite score by pulling the same named government sources, applying the documented per-source normalization, and taking the equally weighted mean of the available indicators. Nothing in the score depends on private data or undisclosed judgement.

Attribution

Authored and maintained by the SafeTravelGal Data Team. Published methodology, version v1.0. When the composite moves to live computation in v1.1, every variable change will be logged in the public methodology changelog at <https://safetravelgal.com/methodology>.