National Aeronautics and Space Administration

DATA & APPLICATIONS ONLINE
Poverty

Overview
The NASA Socioeconomic Data and Applications Center (SEDAC) offers a variety of data sets on poverty and economic indicators. Data and maps are available for download at sedac.ciesin.columbia.edu/theme/poverty.

Selected Data
U.S. Social Vulnerability Index (SVI) Grids uses census data for 2000, 2010, 2014, 2016, and 2018, under themes of Socioeconomic, Household Composition/Disability, Minority Status/Language, and Housing Type/Transportation, to rank communities on vulnerability, for the entire U.S.

Global Subnational Infant Mortality Rates v 2.01 contains estimates of births and infant deaths for 234 countries and territories, to 2015.
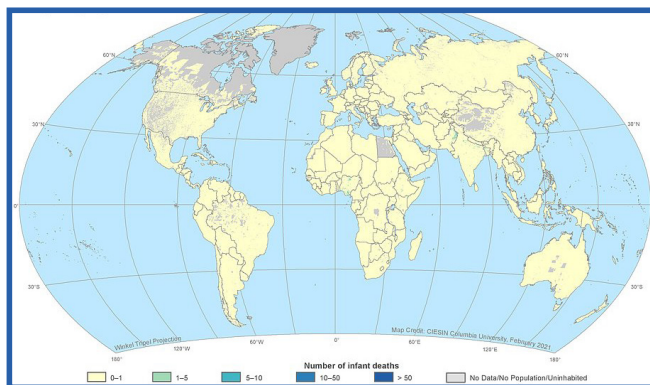
Global Subnational Prevalence of Child Malnutrition consists of estimates of the percentage of children considered underweight according to the NCHS/CDC/WHO International Reference Population.

Small Area Estimates of Poverty and Inequality are consumption-based poverty, inequality, and related measures for subnational administrative units in approximately twenty countries throughout Africa, Asia, Europe, North America, and South America.

Poverty and Food Security Case Studies consists of small area estimates, drawn from country-level case studies, for subnational administrative units in Mexico, Ecuador, Kenya, Malawi, Bangladesh, Sri Lanka, Nigeria and Vietnam; in shapefile and tabular format.

Food Insecurity Hotspots consists of gridded data identifying the level of intensity and frequency of food insecurity over ten years (2009–2019), and hotspots of consecutive food insecurity events, for five regions: Central America and the Caribbean, Central Asia, East Africa, Southern Africa, and West Africa.

Global Roads Open Access Data Set combines the best available roads data 1980–2010 by country into a global roads coverage, using the UN Spatial Data Infrastructure Transport v2 as a common data model.

Global Development Potential Indices ranks global land suitability for 13 sectors of renewable energy, fossil fuels, mining, and agriculture, to aid in conservation priority setting.

The Natural Resource Protection and Child Health Indicators provides indicators that support the annual country selection process conducted by the Millennium Challenge Corporation to determine foreign aid.

Mapping Resources
The **SEDAC Map Viewer** and a wide array of **SEDAC Map Services** can be used to perform visualizations and analysis, from simple to advanced.

Updated October 2021