

Living in a Global Society

How we can help each other.

Robert L. Santos, director U.S. Census Bureau



Our Global Community



Data for Equity

Official statistics can assist in identifying underserved communities and equitably distributing resources.

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Strengthening Global Statistical Capacity

Most recent assistance provided

2020 Round (2015 - 2024)
2010 Round (2005 - 2014)
2000 Round or earlier
No assistance

As of June 2023









Community Resilience Estimates



Community Resilience Estimates for Heat

Estimating Population Vulnerability and Resilience

Adapting U.S. Census Bureau Community **Resilience Estimates** approach to low- and middle-income countries.



Estimating Community Resilience

Select Topics in International Population and Health

By Cristina Bradatan, Hannah Rosenblum, Gabriel Amaro, and Bethany DeSalvo Released March 2023

INTRODUCTION

Community resilience is the capacity of commun ties to respond and adapt to disturbance and change Increasingly, national statistical offices (NSOs) and other organizations are using this concept to identify communities that may be less resilient to disruptive events, including climate change. This report will describe four existing ommunity resilience measures in an international context and discuss the ways in which they are used.

In defining "community resilience," community is often seen as a complex system characterized by various attributes and their relation to the surrounding natura environment. Although there is no universally accented efinition of resilience (Patel et al., 2017), the Latin root of ilire: to jump back) is a common thread in most of its definitions (Box 1). Resilience is often defined from a static point of view and thus linked to stability. lience is also dynamic, however, and can be defined as the ability of a system to remain viable through adaptation and transform when the system is disrupted (Kruse. 2017 and Magis, 2010). Community capacity is sometimes sed interchangeably with community resilience as it als implies the idea of community resources available to build community well-being. Resilience, however, is the only erm used for contexts of change when significant and disruptive events are expected to affect the community (Magis, 2010).

2022.)

U.S. Department of Commer U.S. CENSUS BUREAU

Selected Definitions of Resilience by Variou Organizations United Nations Office for Disaster Risk Reduction

The ability of a system, community, or society expose to hazards to resist, absorb, accommodate, adapt to, transform, and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic struc tures and functions through risk management." (United Nations Office for Disaster Risk Reduction, 2022.)

European Commission: "... the ability not only to with stand and cope with challenges but also to transform in a sustainable, fair, and democratic manner." (Europear Commission 2020.)

U.S. Department of Homeland Security: "... the ability to adapt to changing conditions and withstand and rapidly recover from disruption due to emergencies." (U.S. Department of Homeland Security, 2021.)

African Development Bank Group: "... the ability to cope with, adapt to, and recover from shocks and stresses, and reduce vulnerability in the future. (African Development Bank Group, 2022.)

Intergovernmental Panel on Climate Change . bouncing back and returning to a previous state

after a disturbance. More broadly the term describes not just the ability to maintain essential function, iden tity, and structure, but also the capacity for transformation." (Intergovernmental Panel on Climate Change,

United States Agency for International Deve





Grids

Uniform area.

Consistent and unchanging.

Data integration.

Small area analysis.

Consistent work units.

Alternative boundaries.



Gridded Population Estimates: **Demobase**







Thank you



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