



DATA & APPLICATIONS ONLINE

Gridded Population of the World (GPW) version 4

Overview

The Gridded Population of the World (GPW) is a gridded (raster) data product that facilitates the integration of population data with earth science data, and particularly, remote sensing data. The fourth version of GPW is based on the 2010 round of censuses and uses population and boundary data from national statistics offices, mapping agencies, and planning agencies around the world. The GPWv4 collection has more input units and is gridded at higher resolution than prior versions.



About the Data

- GPWv4 has more than 13 million input units, a 31-fold increase over GPWv3
- Higher-resolution data for more than 100 countries are now available
- Gridded at much higher resolution—30 arc-second, or ~1 km at the equator—GPWv4 has population estimates for the years 2000, 2005, 2010, 2015, and 2020
- The GPWv4 collection includes population counts, population density, UN-adjusted population counts, UN-adjusted population density, land area, water area, and data quality indicators
- Grids are available now in GeoTIFF at 30 arc-second resolution; ASCII lower-resolution data will be available soon. Also included in the collection is a data set of the central point locations for each of the input administrative units, with UN-adjusted population estimates for users more comfortable with tabular or vector data
- The map gallery is comprised of maps illustrating population count, density and data quality at the global level

- Global grids of sex, age, and urban/rural designation will be released in late 2017

Data Access

Go to <http://bit.ly/2hqsm1m> to download data, maps, and information.

References

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Updated April 2017