

JRC Dataset

UDP - Artificial areas per Inhabitant, 2010 - 2050 (JRC LUISA Trend Scenario 2016)

Description:

This indicator provides a measure of the surfaces of artificial areas per inhabitant (in square meters) for a specific year. Built-up areas correspond to land classified as urban, industrial and abandoned urban and industrial. Besides the built-up areas, artificial areas include the infrastructure and the green urban leisure land classes.

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Keywords:

EU Reference Scenario 2016, FUA, LUISA, NUTS0, Urban indicator, artificial areas, built-up areas, city, country, degurb, land cover, land use, m2 per inhabitant, metro, non-metro

Related resources:

Data access

UDP - Artificial Areas per Inhabitant (Europe)

The download link contains the information at City, FUA, metro and non-metro regions, degree of urbanisation and country levels from 01-01-2010 to 01-01-2050 in the European Union. The data is stored in text/csv format.

https://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/LUISA/SecondaryOutput_Indicators/Europe/REF-2016/UDP/ARTIFICIALPERCAP/

UDP - Artificial Areas per Inhabitant (Danube)

The download link contains the information at City, FUA, metro and non-metro regions, degree of urbanisation and country levels from 01-01-2010 to 01-01-2050 in the European Union. The data is stored in text/csv format.

https://cidportal.jrc.ec.europa.eu/ftp/jrc-opendata/LUISA/SecondaryOutput_Indicators/Danube/REF-2016/UDP/ARTIFICIALPERCAP/

Publications

Simulation of EU Policies and Evaluation of their Territorial Impacts Urban development and accessibility indicators: methods and preliminary results. An application of the Reference Scenario in the LUISA platform – Updated Configuration 2014

Lopes Barbosa A, Jacobs C, Aurambout J, Batista E Silva F, Ribeiro Barranco R, Baranzelli C, Perpiña Castillo C, Kompil M, Vandecasteele I, Lavalley C. Simulation of EU Policies and Evaluation of their Territorial Impacts Urban development and accessibility indicators: methods and preliminary results. An application of the Reference Scenario in the LUISA platform – Updated Configuration 2014. EUR 27014. Luxembourg (Luxembourg): Publications Office of the European Union; 2014. JRC94015

DOI:[10.2788/166689](https://doi.org/10.2788/166689)

European cities: territorial analysis of characteristics and trends - An application of the LUISA Modelling Platform (EU Reference Scenario 2013 - Updated Configuration 2014)

Kompil M, Aurambout J, Ribeiro Barranco R, Barbosa A, Jacobs C, Pisoni E, Zulian G, Vandecasteele I, Trombetti M, Vizcaino M, Vallecillo Rodriguez S, Batista E Silva F, Baranzelli C, Mari Rivero I, Perpiña Castillo C, Polce C, Maes J, Lavalley C. European cities: territorial analysis of characteristics and trends - An application of the LUISA Modelling Platform (EU Reference Scenario 2013 - Updated Configuration 2014). EUR 27709. Luxembourg (Luxembourg): Publications Office of the European Union; 2015. JRC100001

DOI:[10.2788/737963](https://doi.org/10.2788/737963)

Other resources

Urban Data Platform

The Urban Data Platform is a joint initiative of the Directorate General Joint Research Centre (DG JRC) and the Directorate General for Regional and Urban Policy (DG REGIO) of the European Commission. It provides an access point to exchange information on the status and trends of European cities and regions. It visualizes data via maps at three different geographical units including EU-wide Cities/Greater Cities, Functional Urban Areas and Metropolitan Regions. It also includes time series graphs for selected cities, for Metropolitan Regions, and by degree of urbanisation.

<http://urban.jrc.ec.europa.eu>

LUISA Territorial Modelling Platform

The LUISA Territorial Modelling Platform is primarily used for the ex-ante evaluation of EC policies that have a direct or indirect territorial impact

<https://ec.europa.eu/jrc/en/luisa>

Additional information:

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Landing page: <https://ec.europa.eu/jrc/en/territorial-policies>

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EuroVoc domain(s): 28 SOCIAL QUESTIONS; 36 SCIENCE

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