Update on Eurostat activities

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European Commission - Eurostat

Eurogeographics plenary meeting, 8 October 2020

Geospatial data and European Commission Priorities

- **European Green Deal:** implementation actions, covering the EU industrial strategy, infrastructure, buildings, networks, mobility, environmental norms, agriculture and land use, circular economy, etc., to strive for a climate neutral Europe

- **Demography and Democracy:** e.g. the long term rural vision –leave no one behind, nowhere.

- All relevant to geographical information - **An opportunity not to miss**!

- to strengthen the cooperation of NMCA and NSI and work closely together

- to show the power of integrating geographical information and statistics for supporting and monitoring environmental policies

- to add value and visibility to both geospatial data and statistics with more relevant spatial analysis

European Commission

Eurostat strategic plan objectives 2020-2024

How we will deliver on European Commission priorities?

Eurostat set the following specific objectives in its strategic planning:

- To remain a trusted point of reference for statistics and data on Europe for better policy and decision on EU

- To better meet user needs with relevant high quality statistics and fostering the use of innovative data and technologies

- To better communicate, promote and facilitate access to European statistics to all stakeholders

Developing synergies with more harmonised pan-European geospatial data is relevant to all three objectives

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Eurostat developments in Geographical Information

Our aim: to continue supporting the cooperation of NSI – NMCA

- 2020 GISCO Working Group written consultation on two main actions: More access to Eurostat on National geospatial data and more focused support on NMCA-NSI cooperation projects and joint actions.

- Joint UN-GGIM: Europe – UNECE – ESS Webinar open to more participants and countries this year (over 200 participants)

- The need to work closer and develop joint activities was the main conclusion of the joint UNECE-CES – UN-GGIM: Europe plenary joint session in June 2020

- Eurostat support this cooperation at national and international level with grants for joint projects

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# The GEOSTAT project - work in progress on data integration

GEOSTAT 4 – February 2020 to April 2022

Deliverables:

- GSGF: Europe – to be finalised
- ESS methodological manual on the integration of statistics and geospatial information
- Use cases with guidance and service concepts
- Enhancement of the quality assurance framework extending it geo-data
- EFGS site – documentation and communication material
- EFGS Conference: 2020 (webinar 20-21/10)

European Commission

Better serve European Commission needs for geospatial data

- Current situation: **A small part of existing NMCA data is being used at the EC for policy analysis**. We need to work together to change this.

- Short-term objective: Make existing NMCA data available **for EC internal use**, **as-is** (without transformation), for **free**.

- 2020 GISCO WG call for contribution: *"EC geospatial data requirements to NMCAs"* document. We described what we have and what we need.
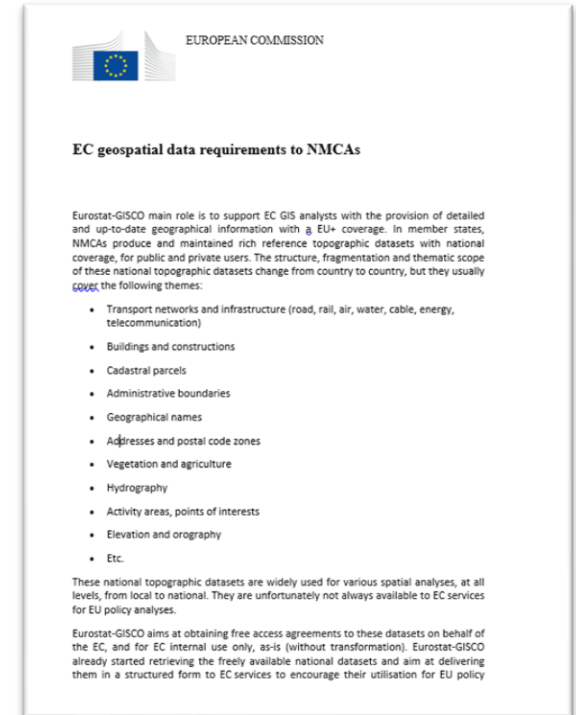
Better serve European Commission needs for geospatial data

- We must rely on existing geospatial data produced by MS for policy analysis in the EC

- <u>Long-term objective:</u> Provide geospatial dataset with:

  - EU coverage, with possibility to run cross-border and pan-EU analyses ensuring cross-country comparability

  - Multi-thematic scope (administrative boundaries, transport networks, buildings, land cover, addresses, etc.)

  - Multi-scale representation (from local to continental scale)

  - Frequent and fast updates

European Commission

Better serve EC needs for geospatial data

- Provision of pan-EU data to Eurostat

- Current new areas of work:

  - Healthcare services

  - Addresses

  - Education

- Next: Transport networks, administrative units.

European Commission

Development of pan-European data on Healthcare Services

- Policy relevance questions requiring GI and statistics:

  - Where are the (main) healthcare services in Europe?

  - What are the population clusters with poor access to healthcare services?

- Work started in September 2019

- Relevance to the COVID 19 crisis

European Commission

Development of pan-European data on Healthcare Services

GISCO dedicated section on Eurostat's website

We created and published a dataset of geo-localised healthcare information to facilitate spatial analysis for GIS users

https://ec.europa.eu/eurostat/web/gisco/geodata/reference-data/healthcare-services

Development of pan-European data on Healthcare Services

- Geocoded over 15 000 Healthcare establishment data
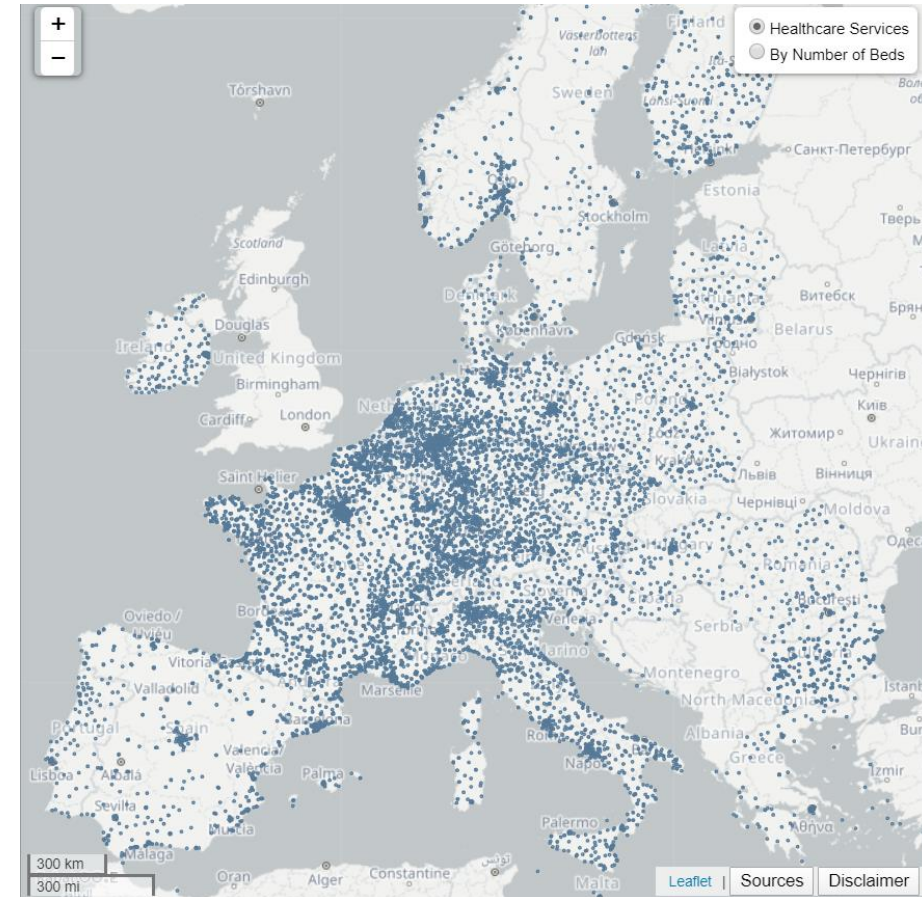
- Dataset content:

  Location (as point)
  Name
  Address
  Capacity (number of beds, etc.)
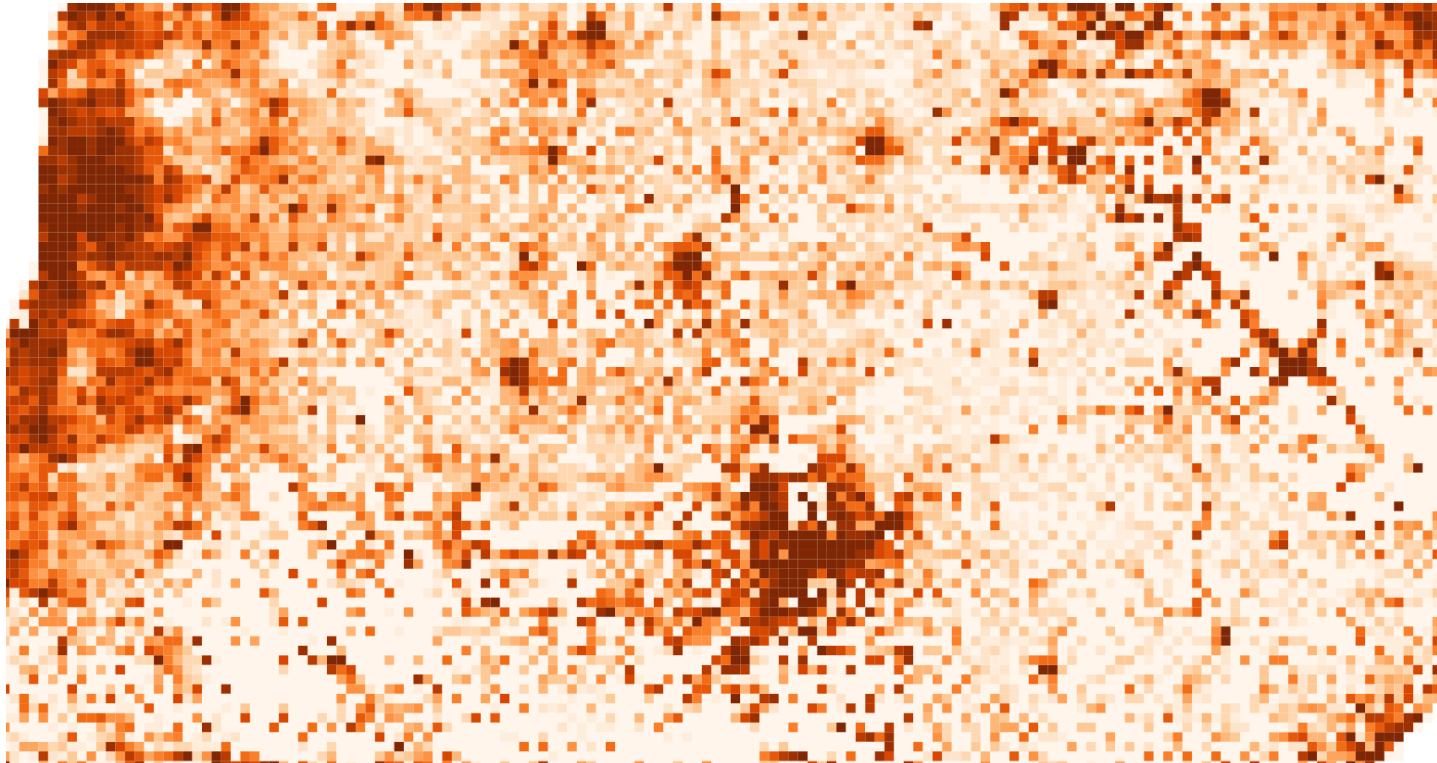 Presence of emergency service
  List of specialties
  Status (public/private)
  Phone, email, website URL
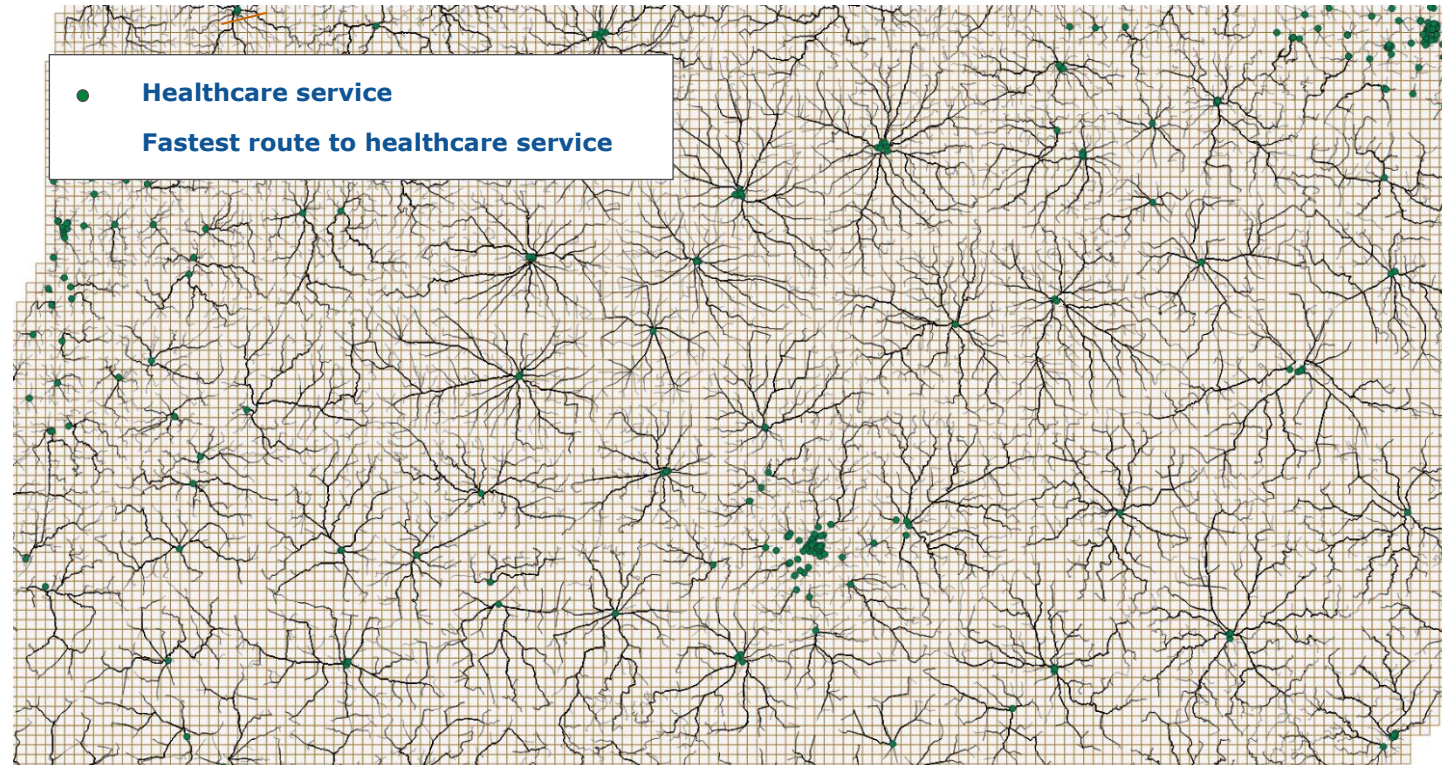

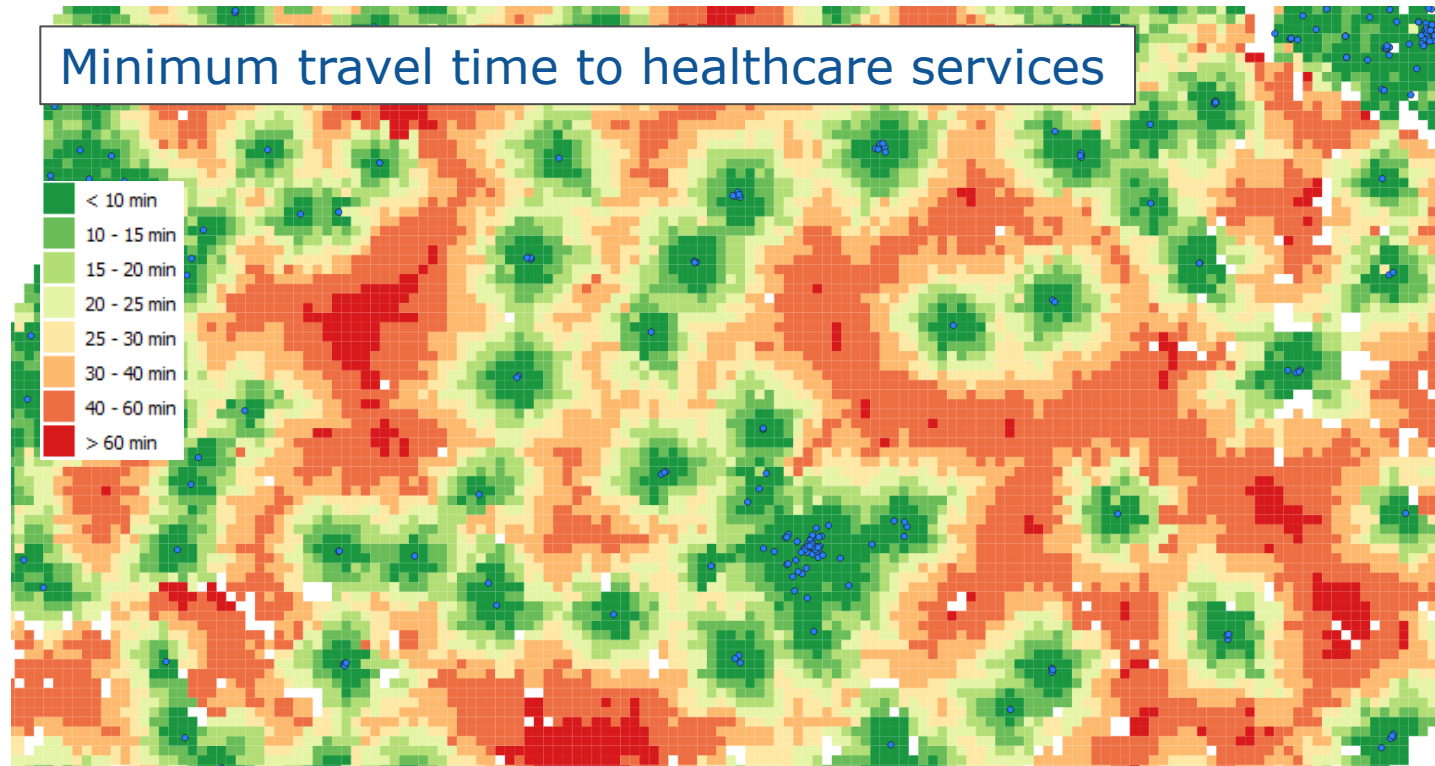European Commission

Development of pan-European data on Healthcare Services

Combined with statistics (population grid)

Development of pan-European data on Healthcare Services

Legend:
- ● Healthcare service
- Fastest route to healthcare service

Development of pan-European data on Healthcare Services

Minimum travel time to healthcare services

< 10 min
10 - 15 min
15 - 20 min
20 - 25 min
25 - 30 min
30 - 40 min
40 - 60 min
> 60 min

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Development of pan-European data on Healthcare Services

Minimum travel time to healthcare services

- ■ < 10 min
- ■ 10 - 15 min
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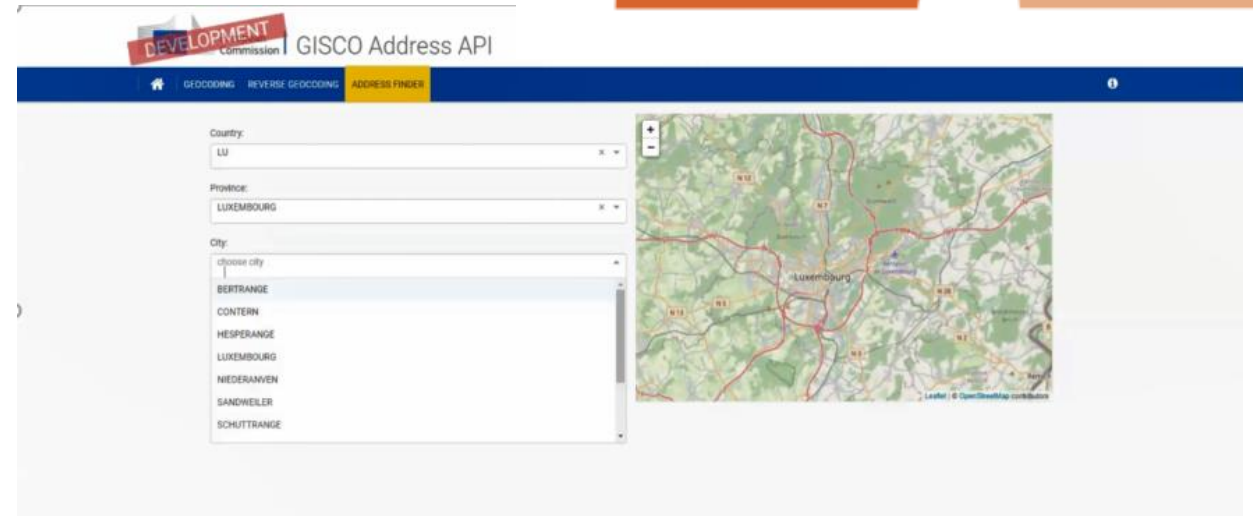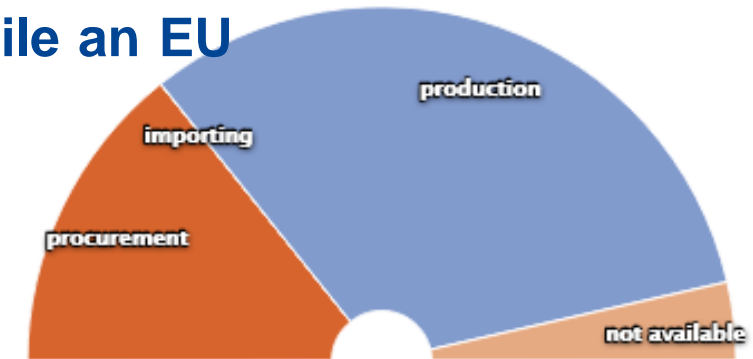- ■ > 60 min

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Development of pan-European data on addresses

Work in progress to compile an EU database on addresses

Status 1.9.2020

EC and international activities on geospatial information

- INSPIRE Directive revision process has started

    - Eurostat is part of the Coordination Team (DG ENV, JRC and EEA)

    - Impact assessment report - Q3/2020 to Q3/2021

    - Have your say: Open consultation until 16 October 2020

      Link: https://ec.europa.eu/info/law/better-regulation/have-your-say/initiatives/12427-Setting-up-an-Infrastructure-for-Spatial-Information-INSPIRE-Evaluation-of-the-Directive

- Call for NMCAs to become a ONA

    - https://ec.europa.eu/eurostat/web/european-statistical-system/overview

European Commission

EC and international activities on geospatial information

- Eurostat represents the European Commission to the UN-GGIM

- Active contribution to the UN-GGIM: Europe - ExCom

- Support for plenary meetings, and the activities of the UN-GGIM: Europe Working Groups

- Leading of the UN-GGIM sub-group on data integration methods (participation: 7 NMCA & 5 NSI).

- Contribution to the UNECE Task Team on the application of GSBPM for Geospatial Information, under the UNECE High-level Group for the Modernisation of Official Statistics

Continue supporting the cooperation of NSI-NMCA and work with you also at technical level to get a better insight on how we can implement effectively data integration

European Commission

Thank you for your attention