



# OpenStreetMap Ireland

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@osm\_ie

OpenStreetMap.ie

# OpenStreetMap in Ireland

- A brief (very brief) look into the history of OSM in Ireland

# OpenStreetMap History

- Aug 2004 OSM founded
- Dec 2004 Ability to map streets
  - Editing in a Java Applet online
  - Own surveys
  - Public domain satellite imagery
  - GPS traces
- Dec 2005 First edits in Ireland
- Jan 2006 JOSM offline editor
- Jul 2006 Potlatch released - Flash based online editor
- Dec 2006 Yahoo allows use of their aerial photography
- Nov 2010 New Potlatch 2 editor
- Nov 2010 Microsoft Bing aerial imagery
- May 2013 iD editor

# First Edit in Ireland - 2005

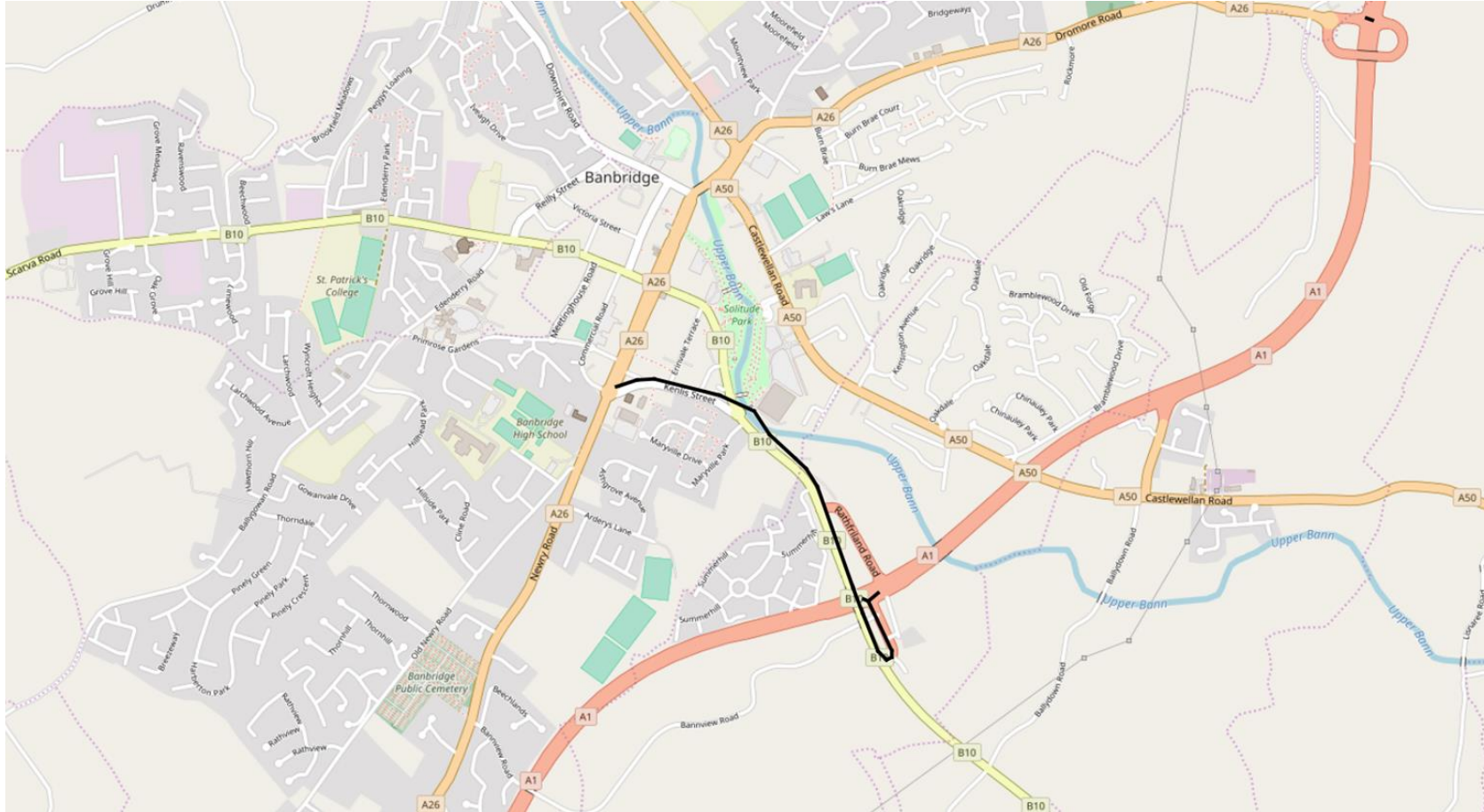
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# First Edit in Ireland - 2005



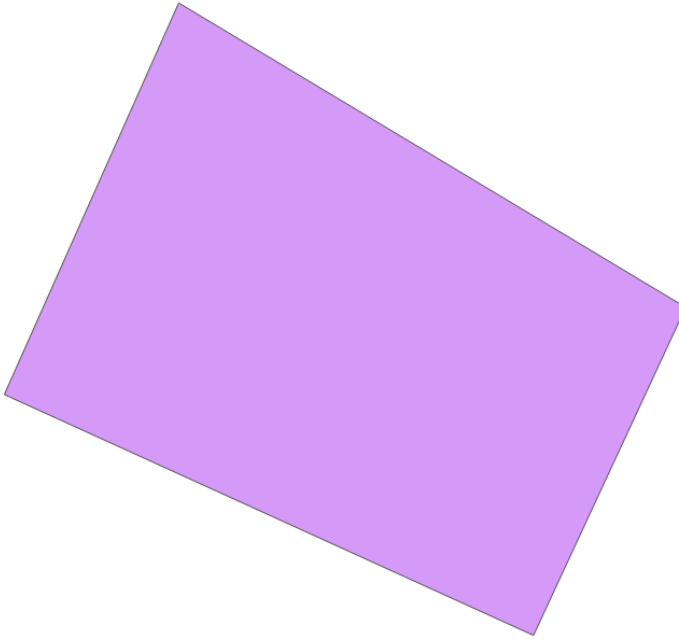
# First Edit in Ireland - 2005



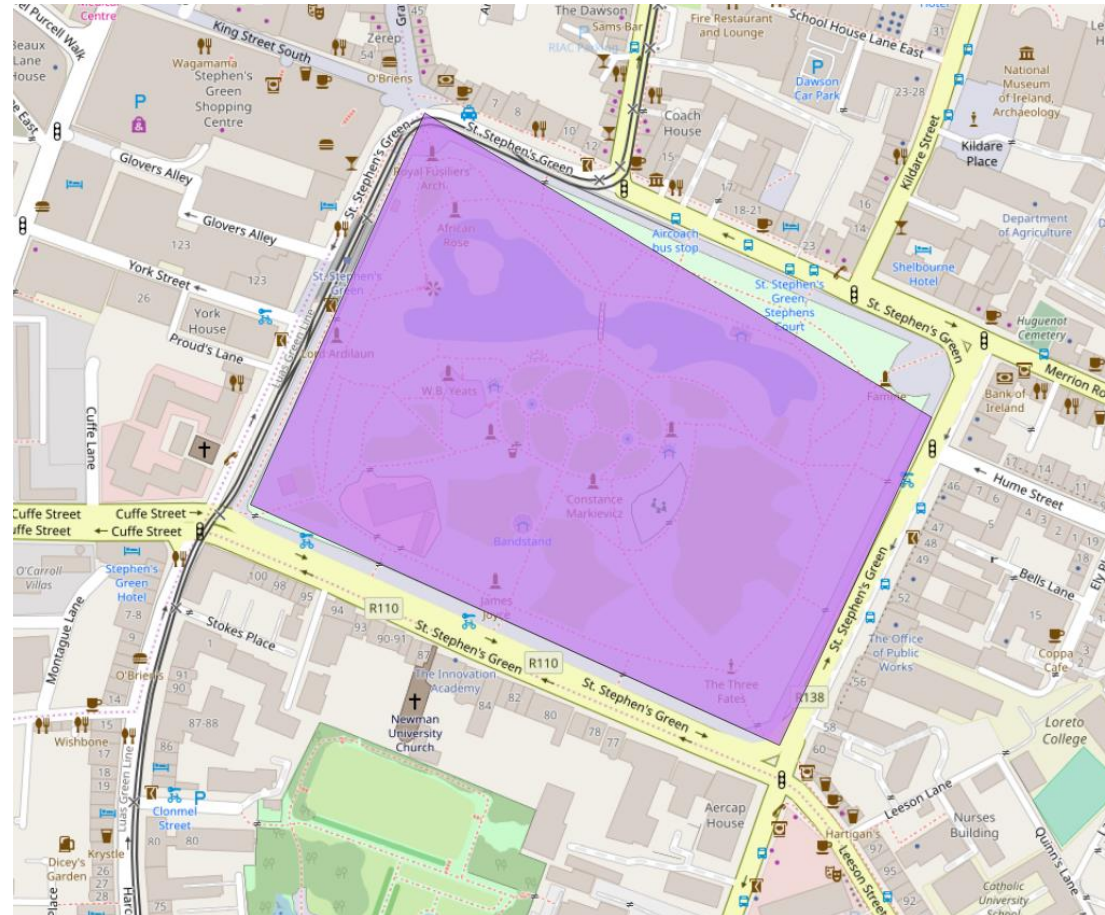
# First Edit in Ireland - 2005



# First Polygon in Ireland - 2006



# First Polygon in Ireland - 2006

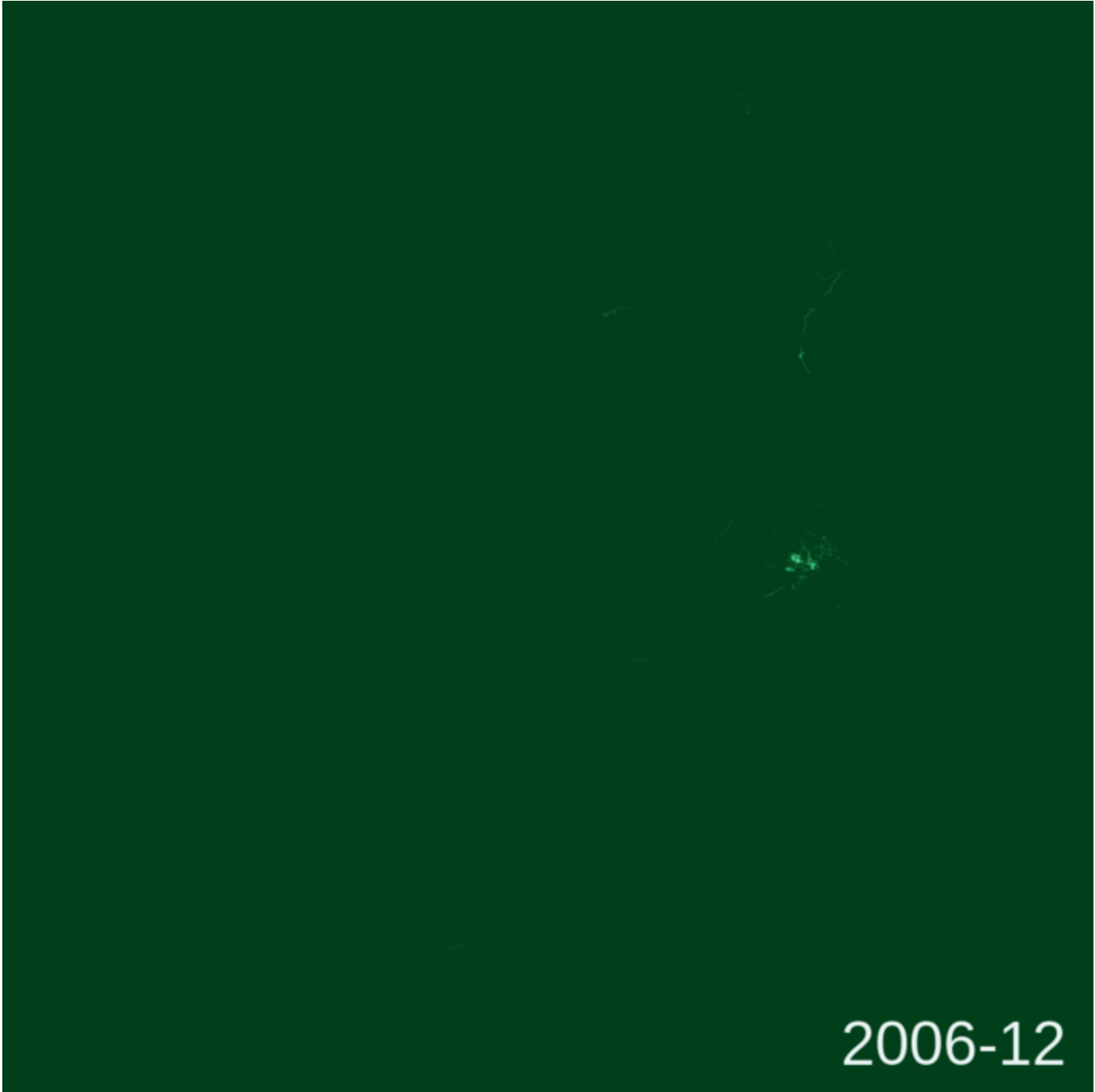


# OpenStreetMap Roads in Ireland

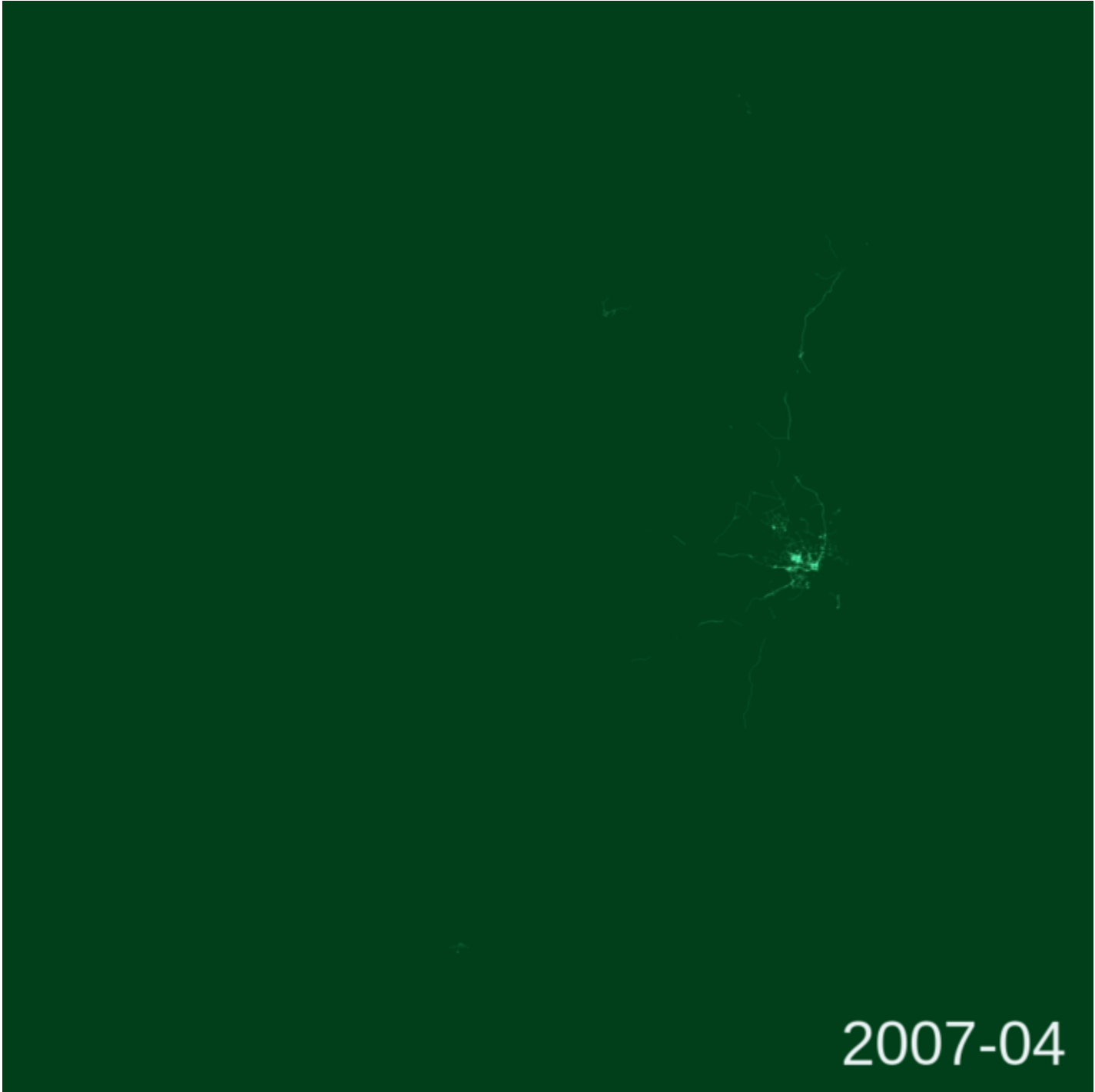
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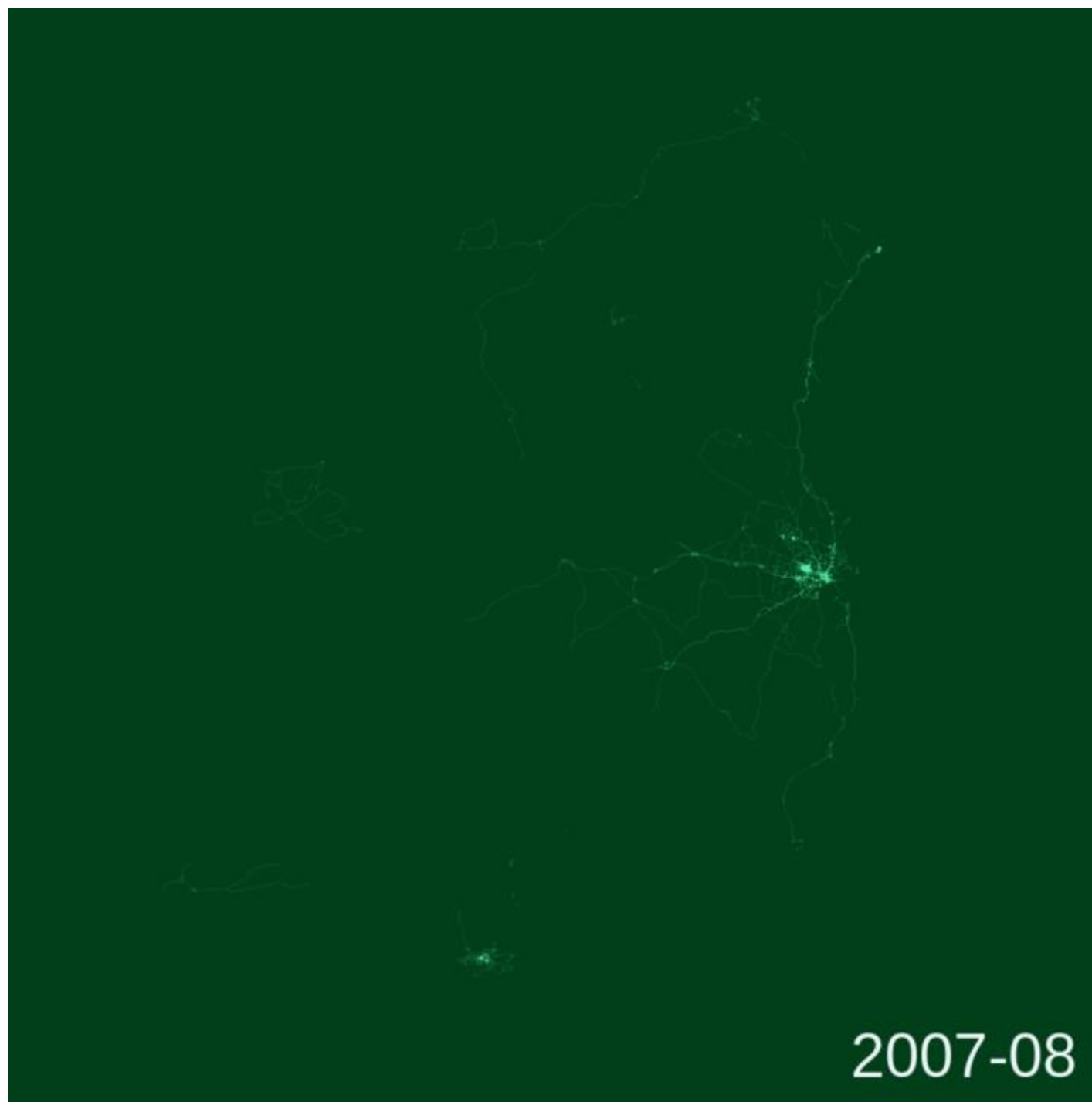
2006-08





2006-12







2007-12



2008-04



2008-08



2008-12

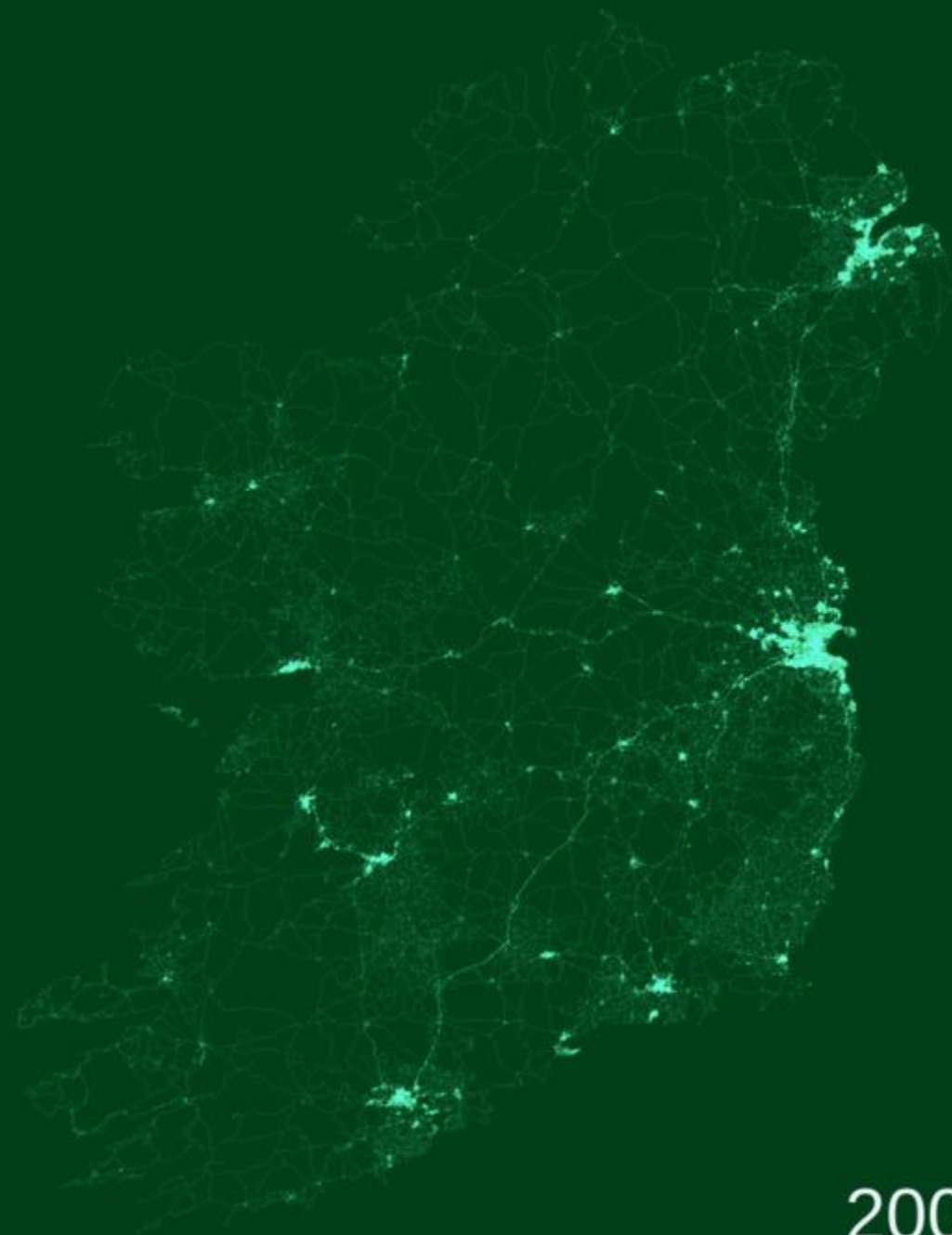


2009-04





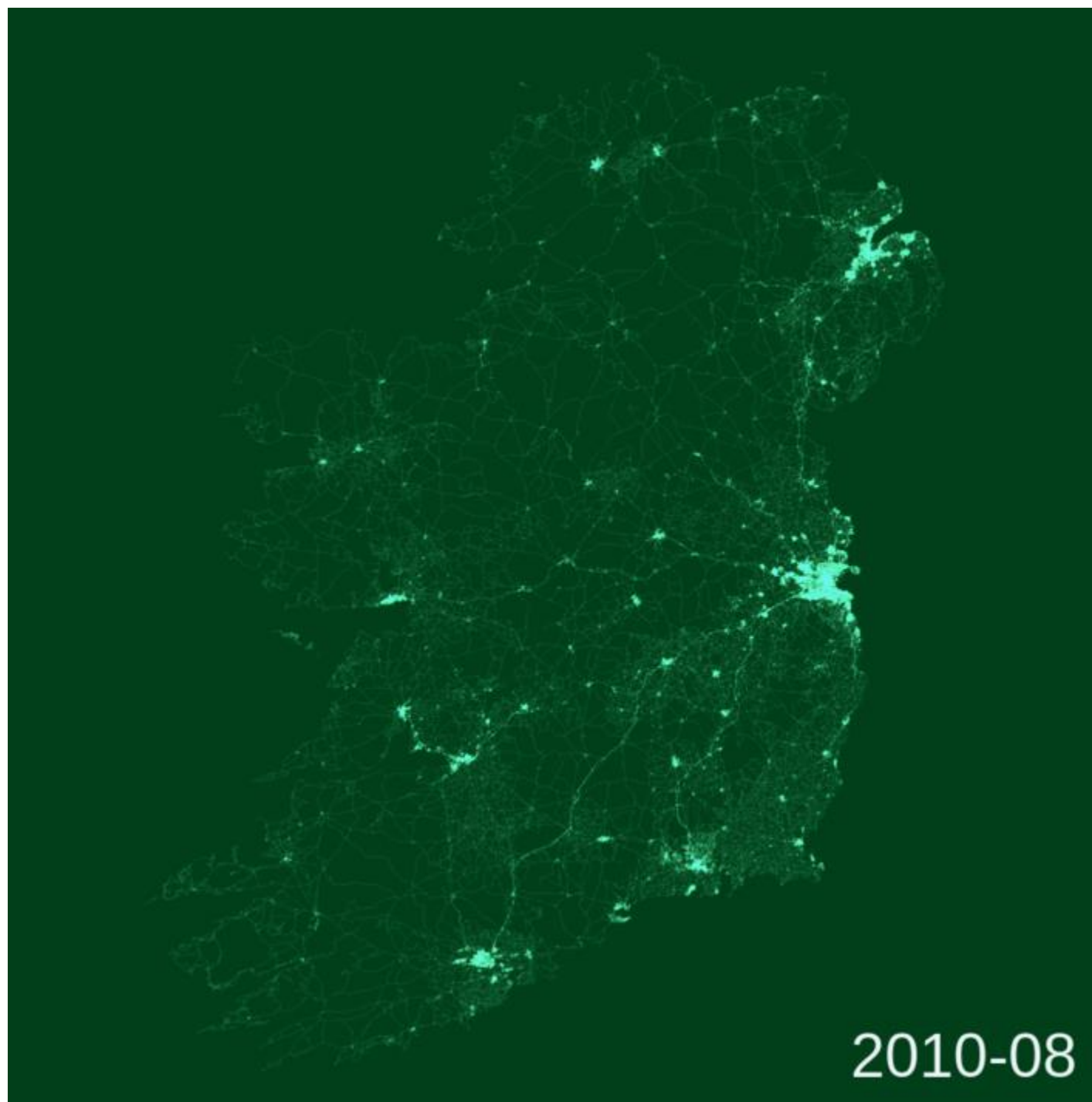
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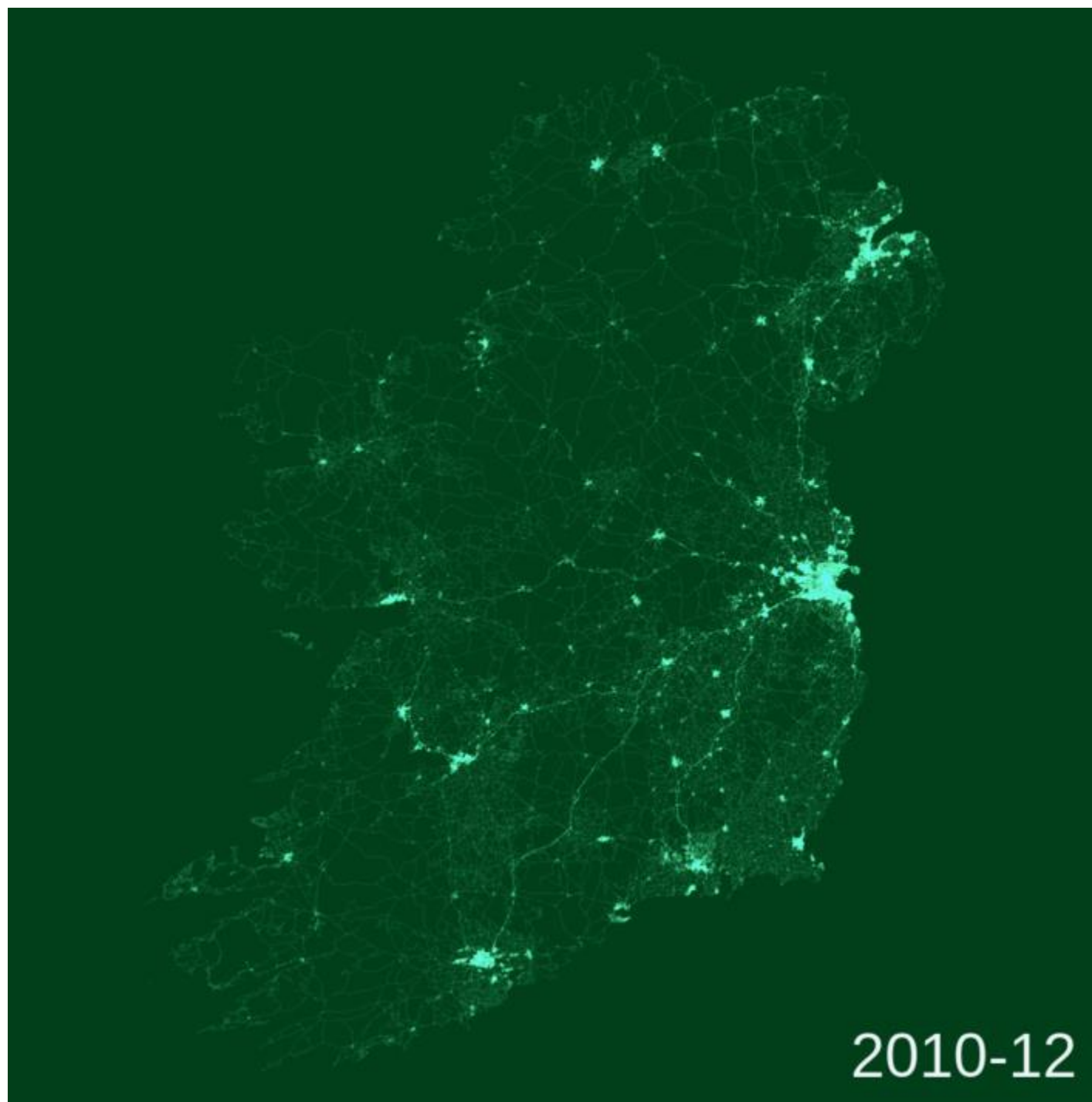


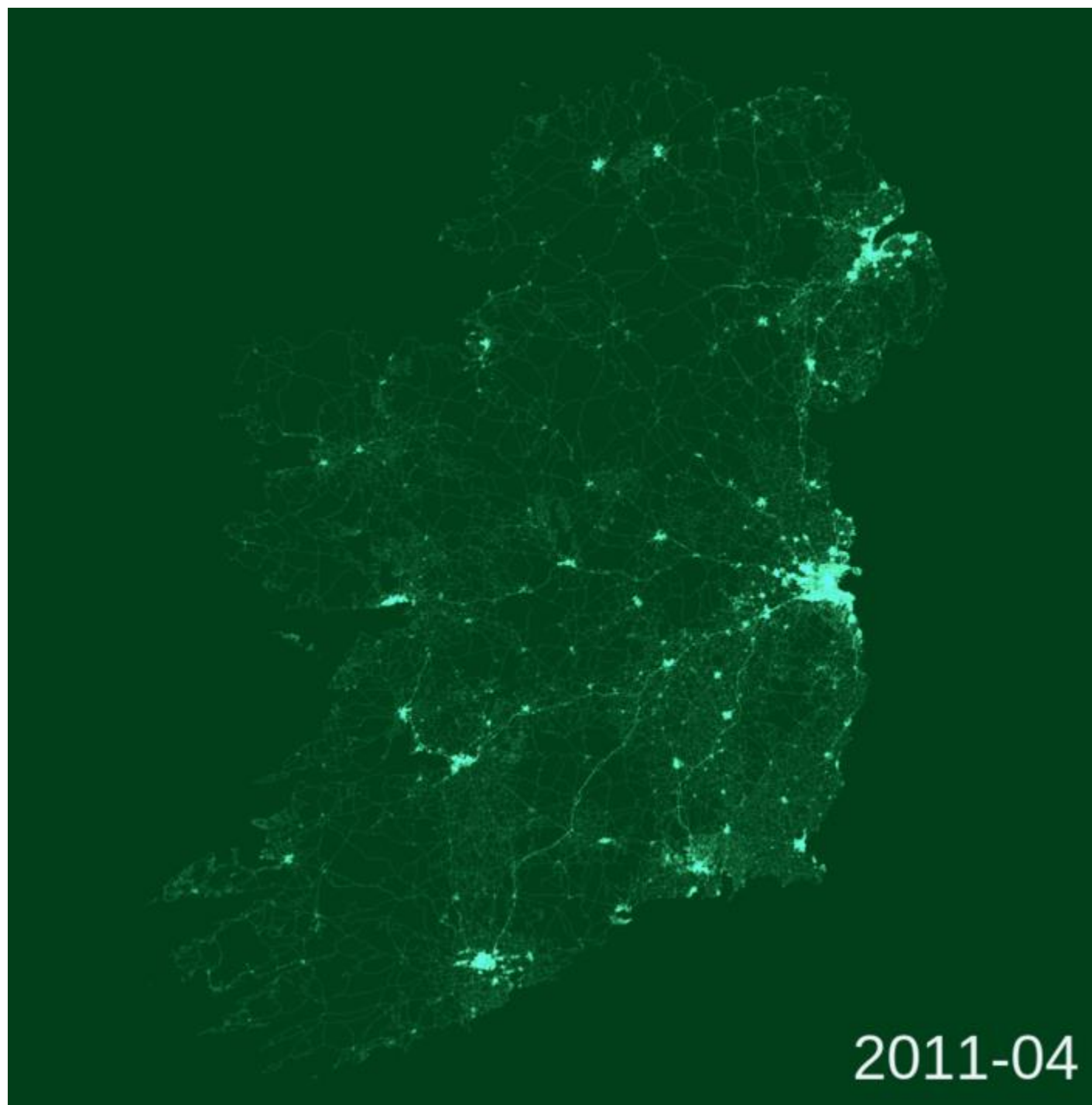
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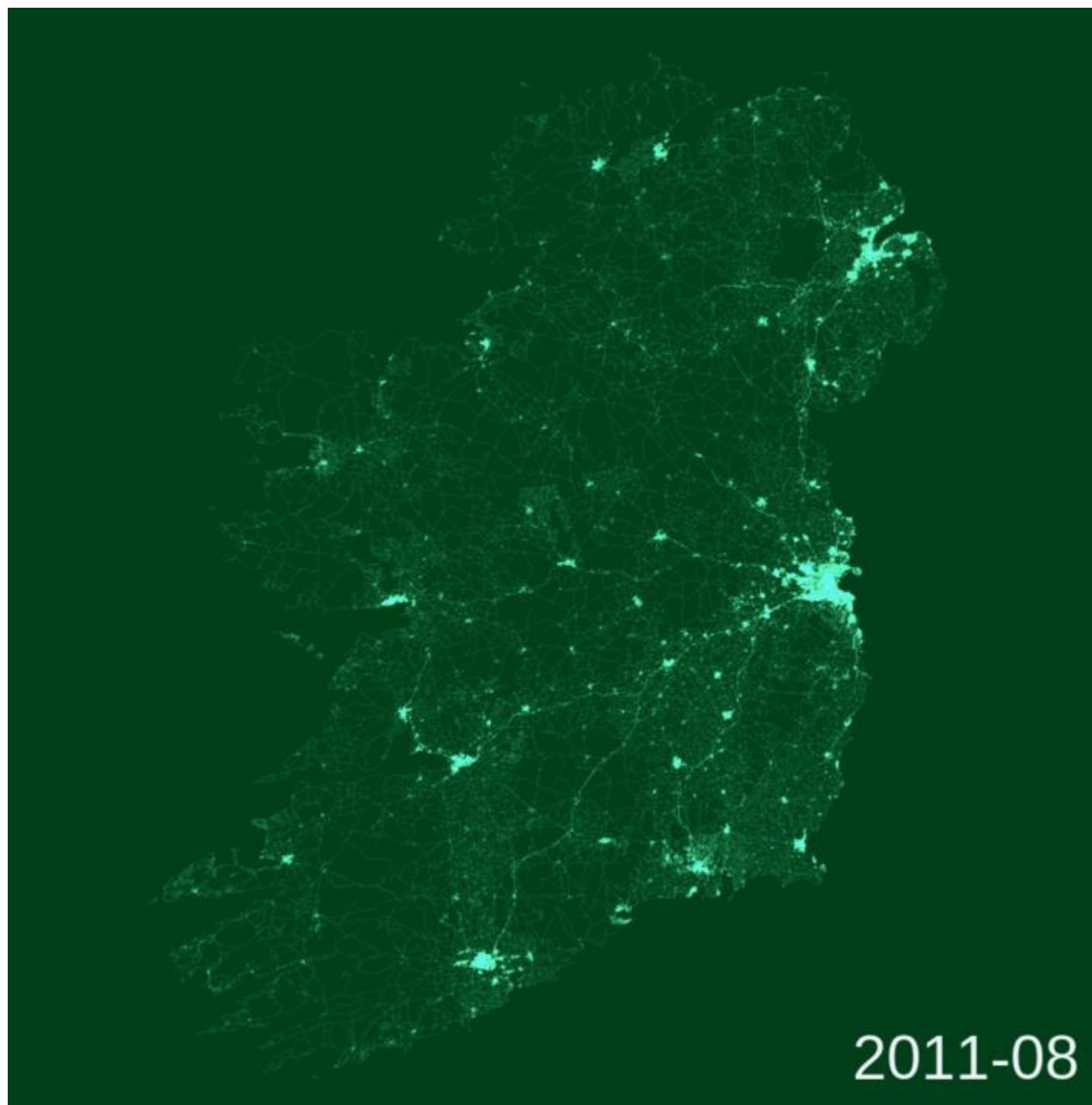
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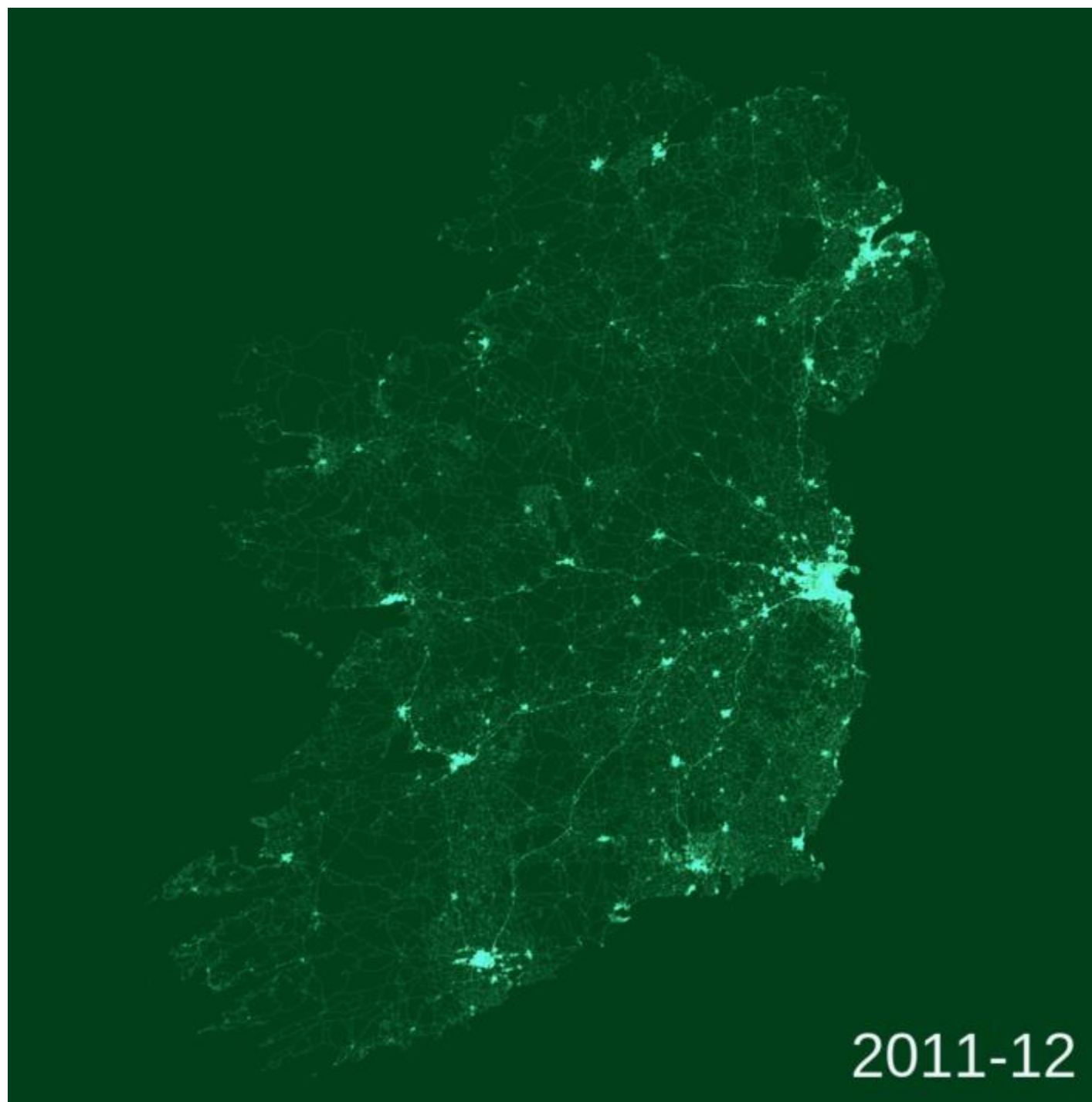




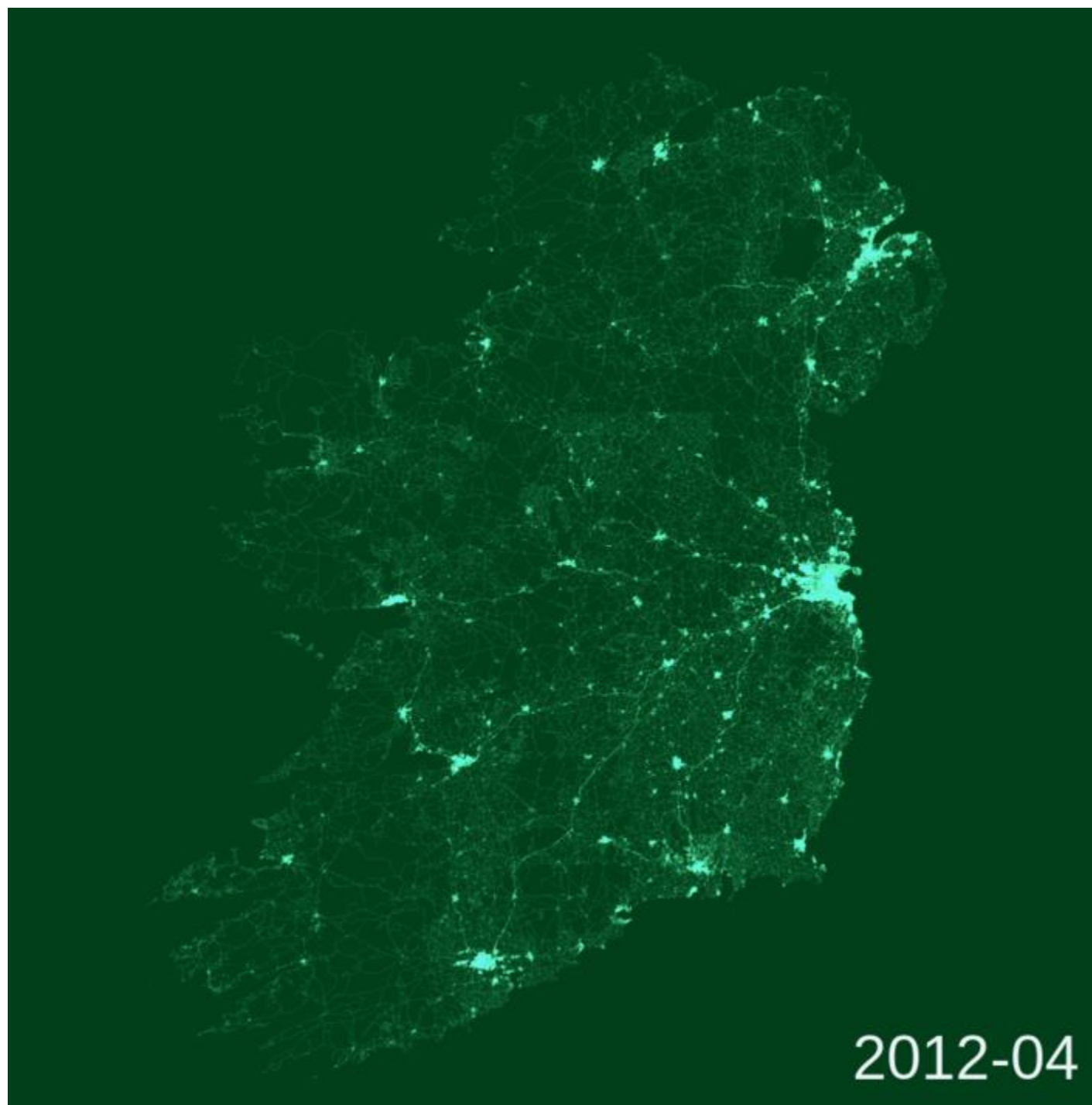


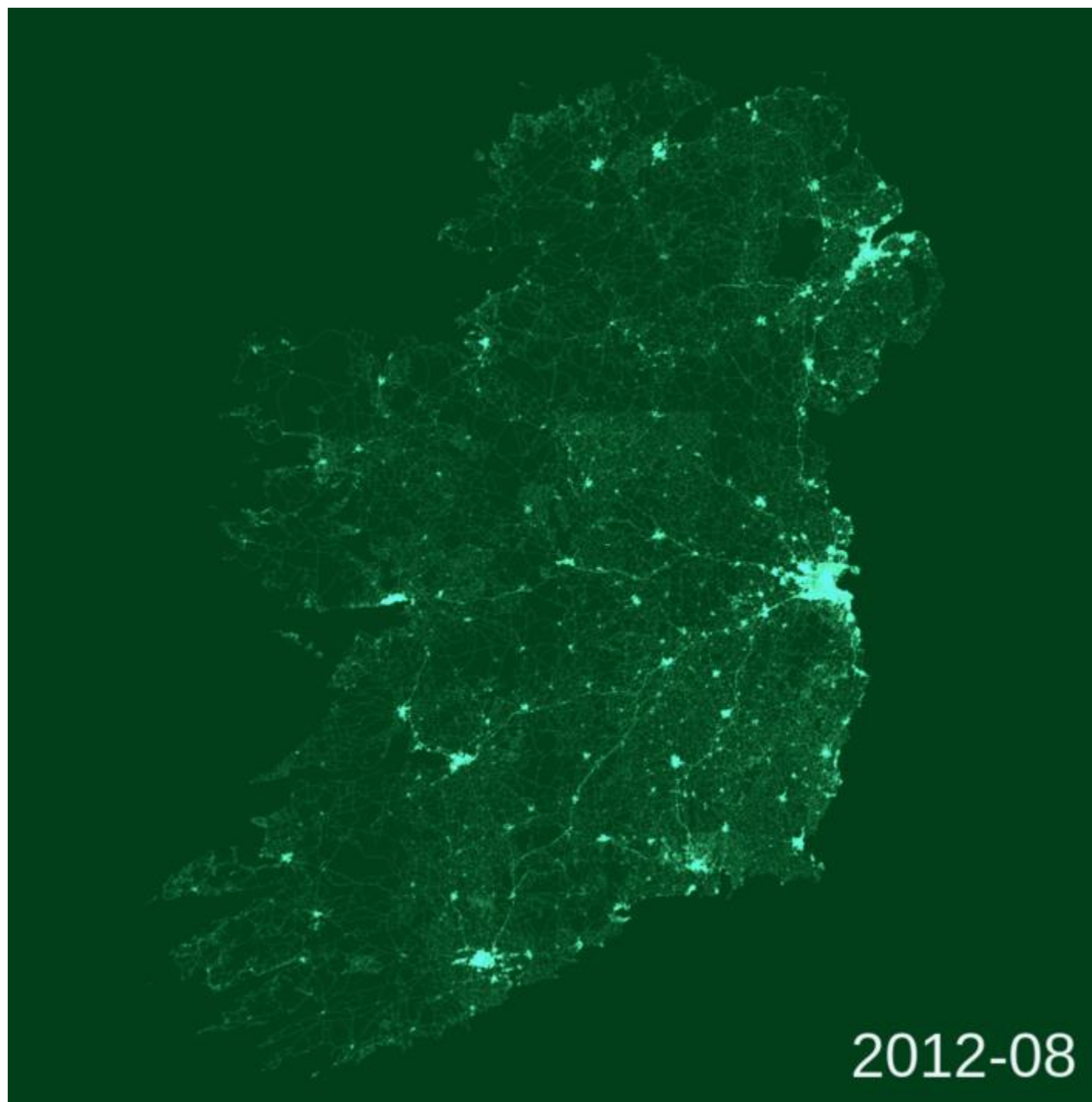


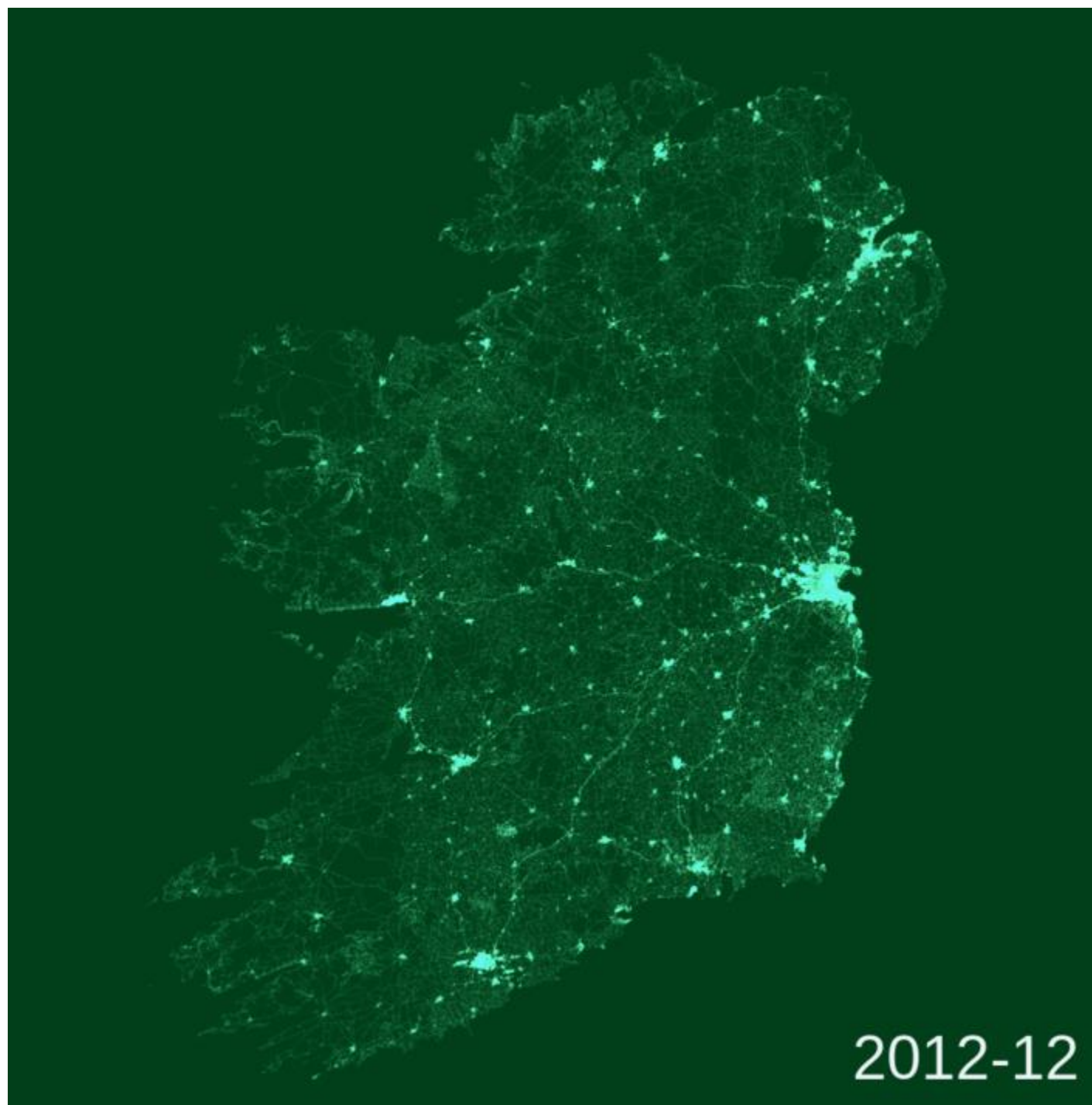




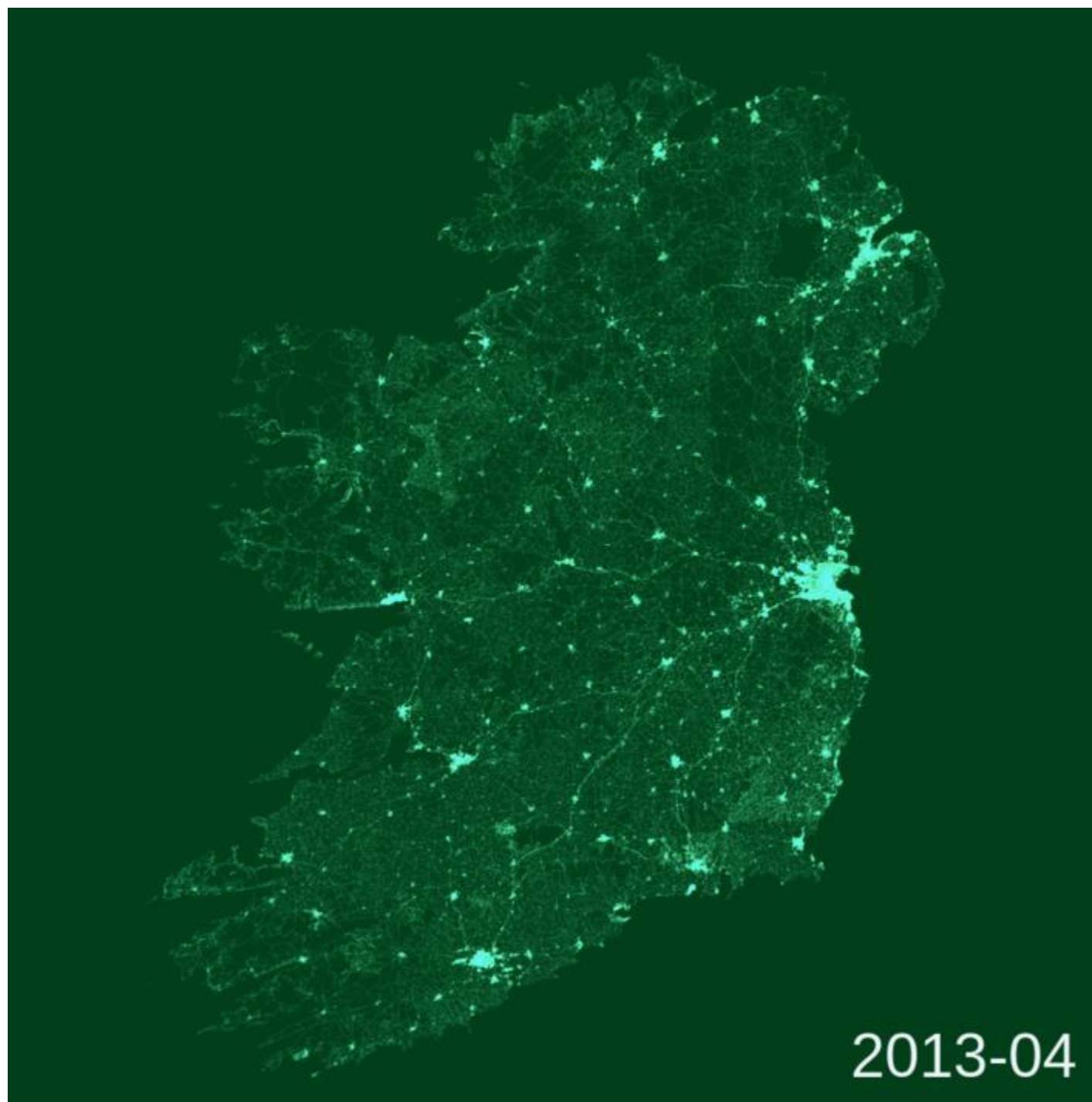






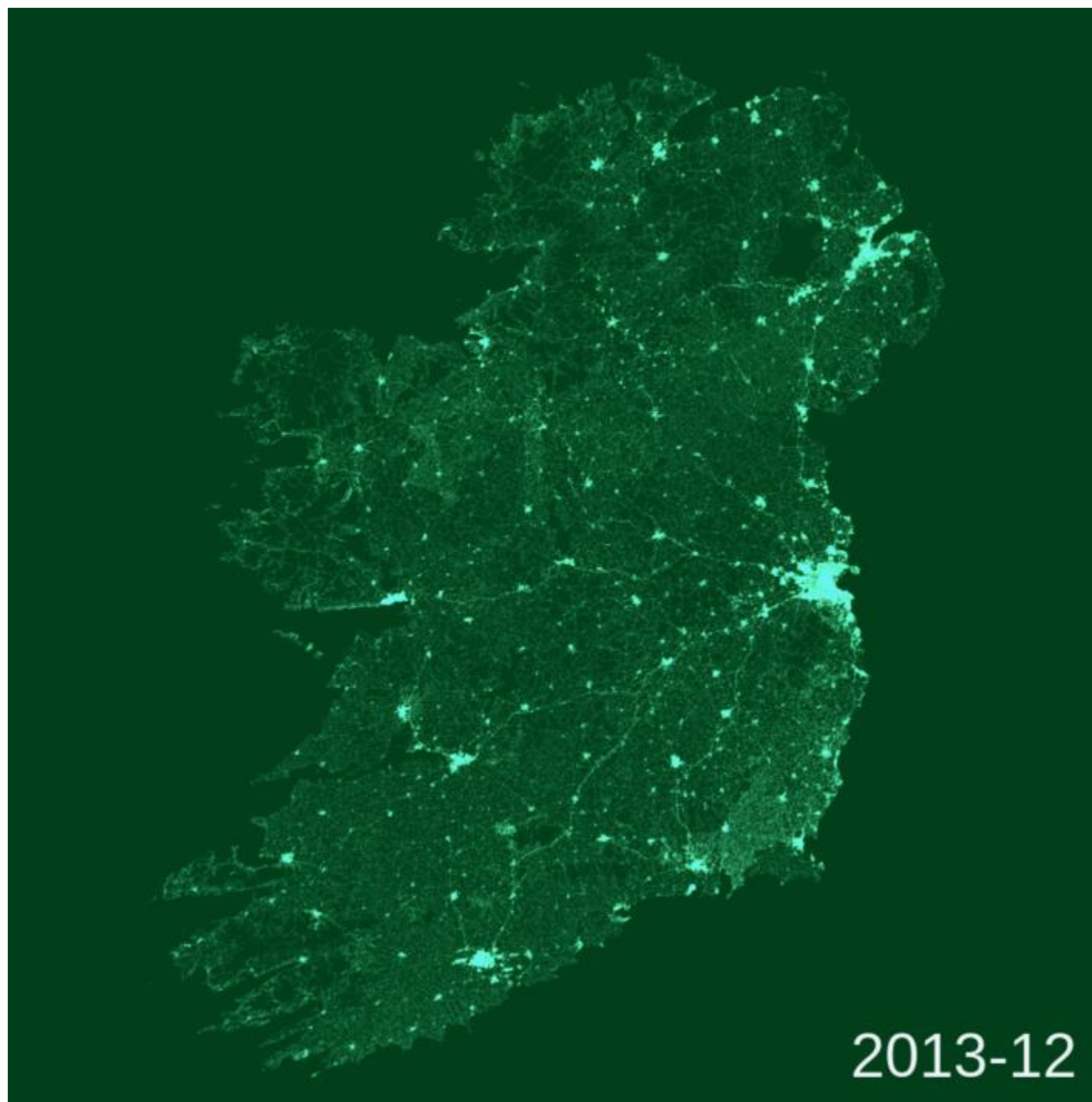


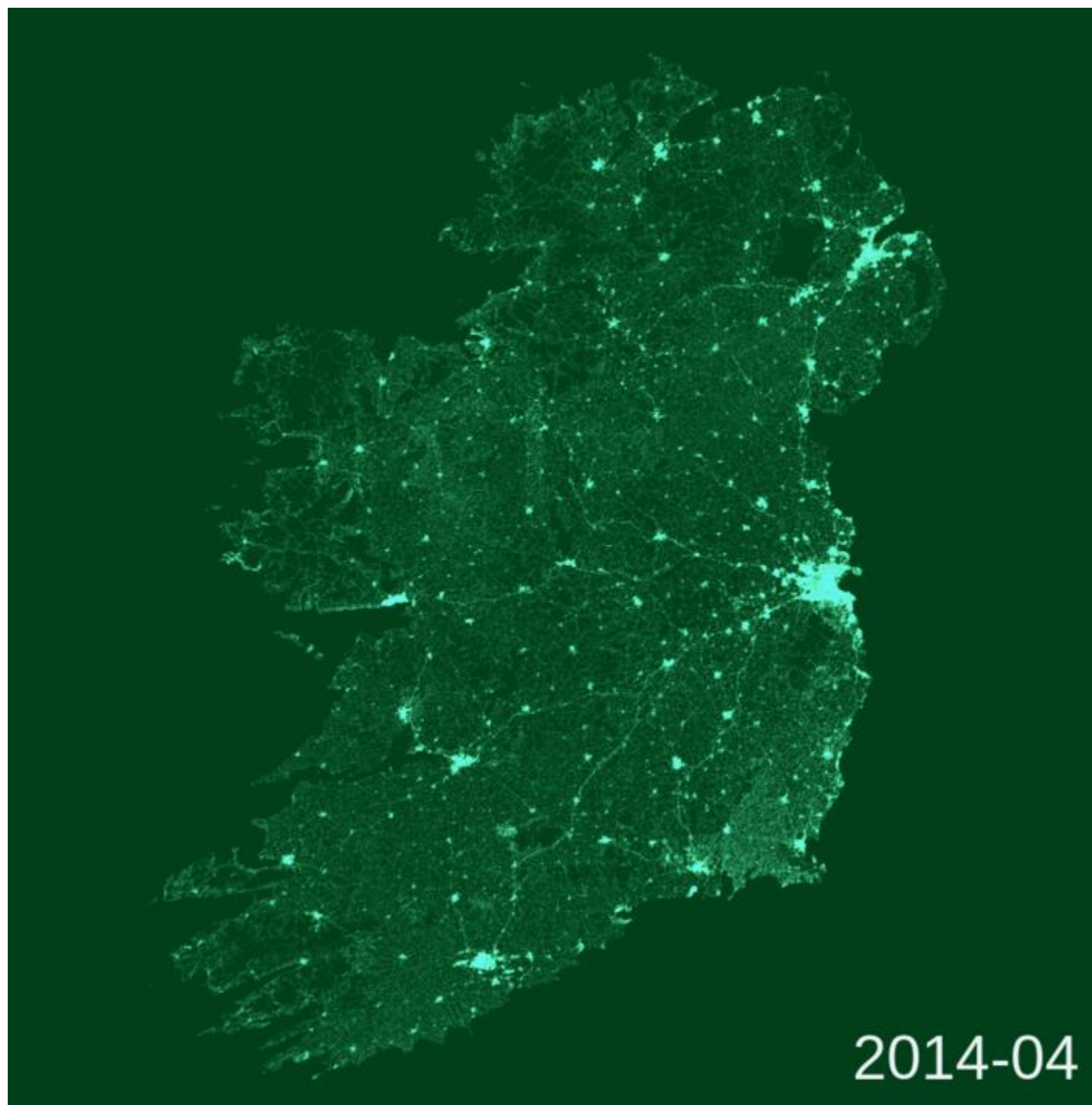
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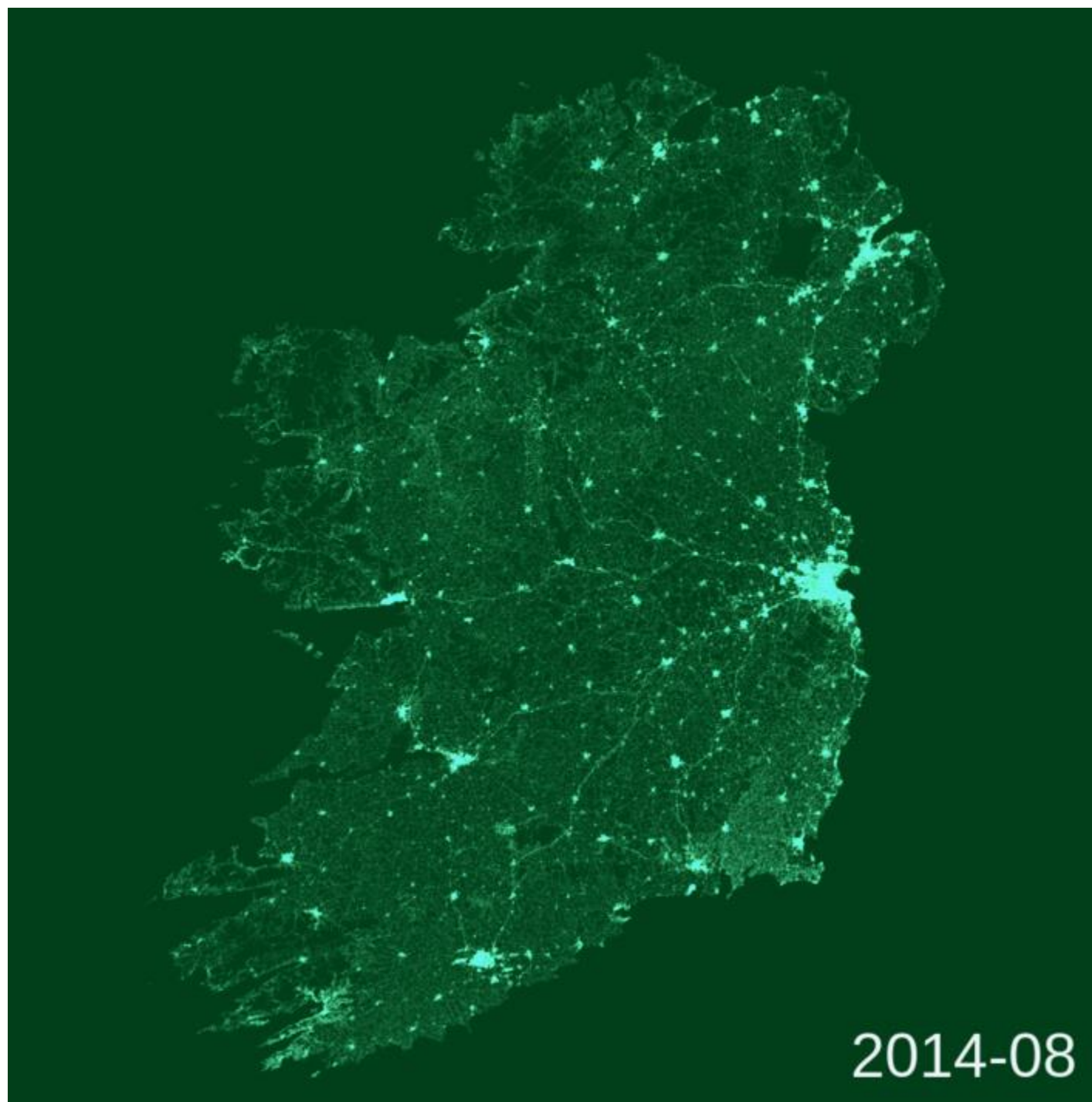




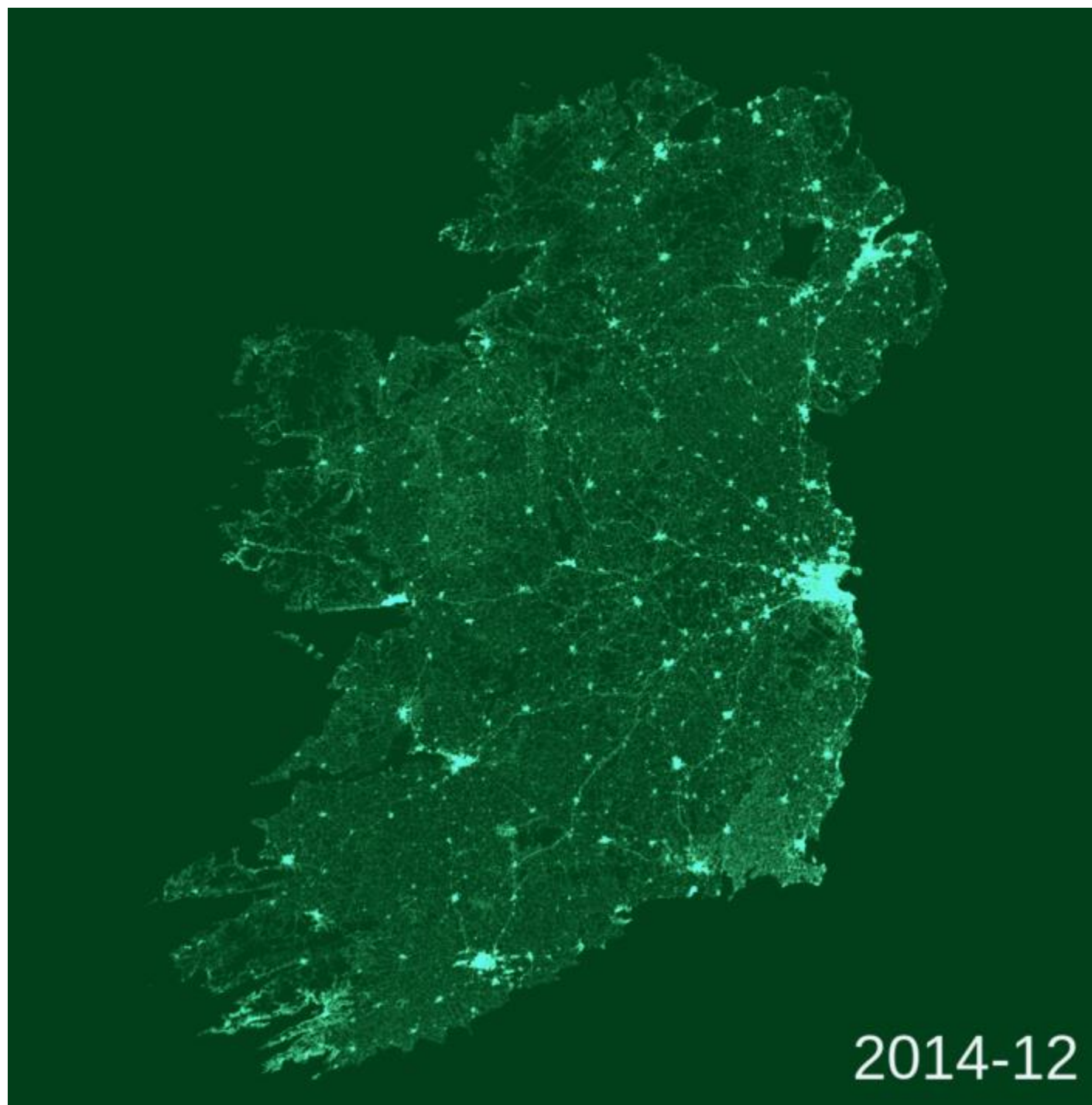


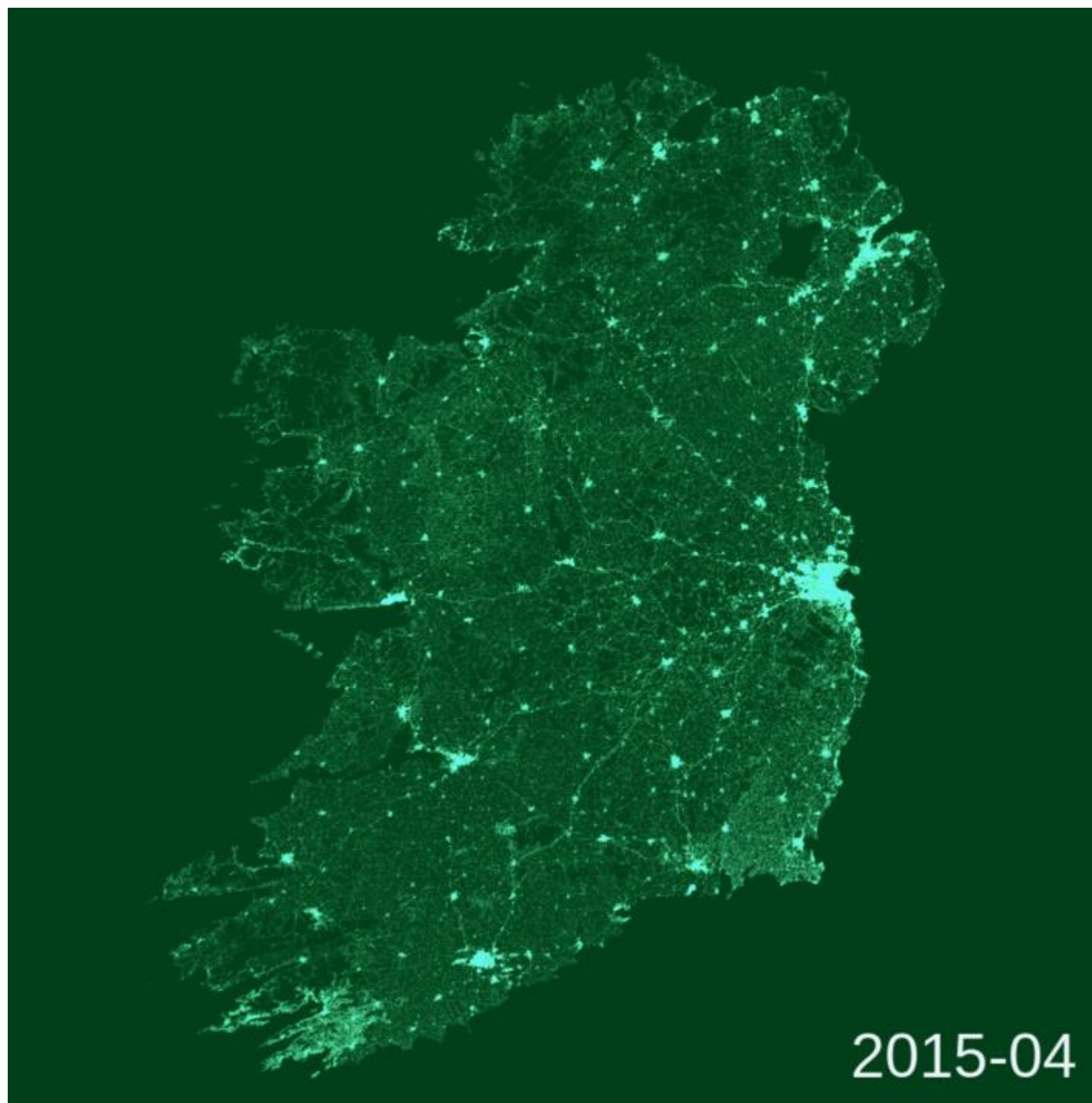


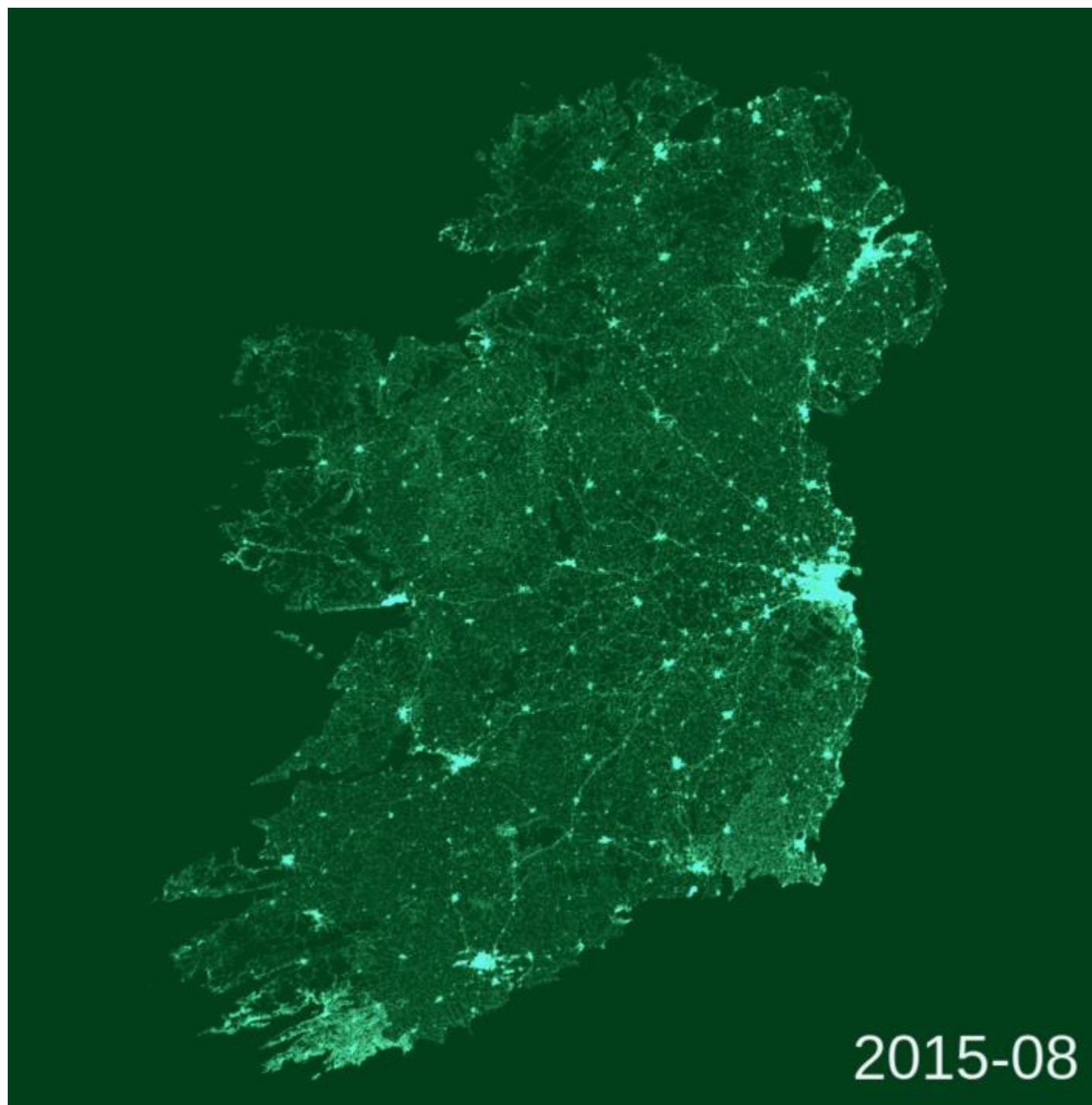




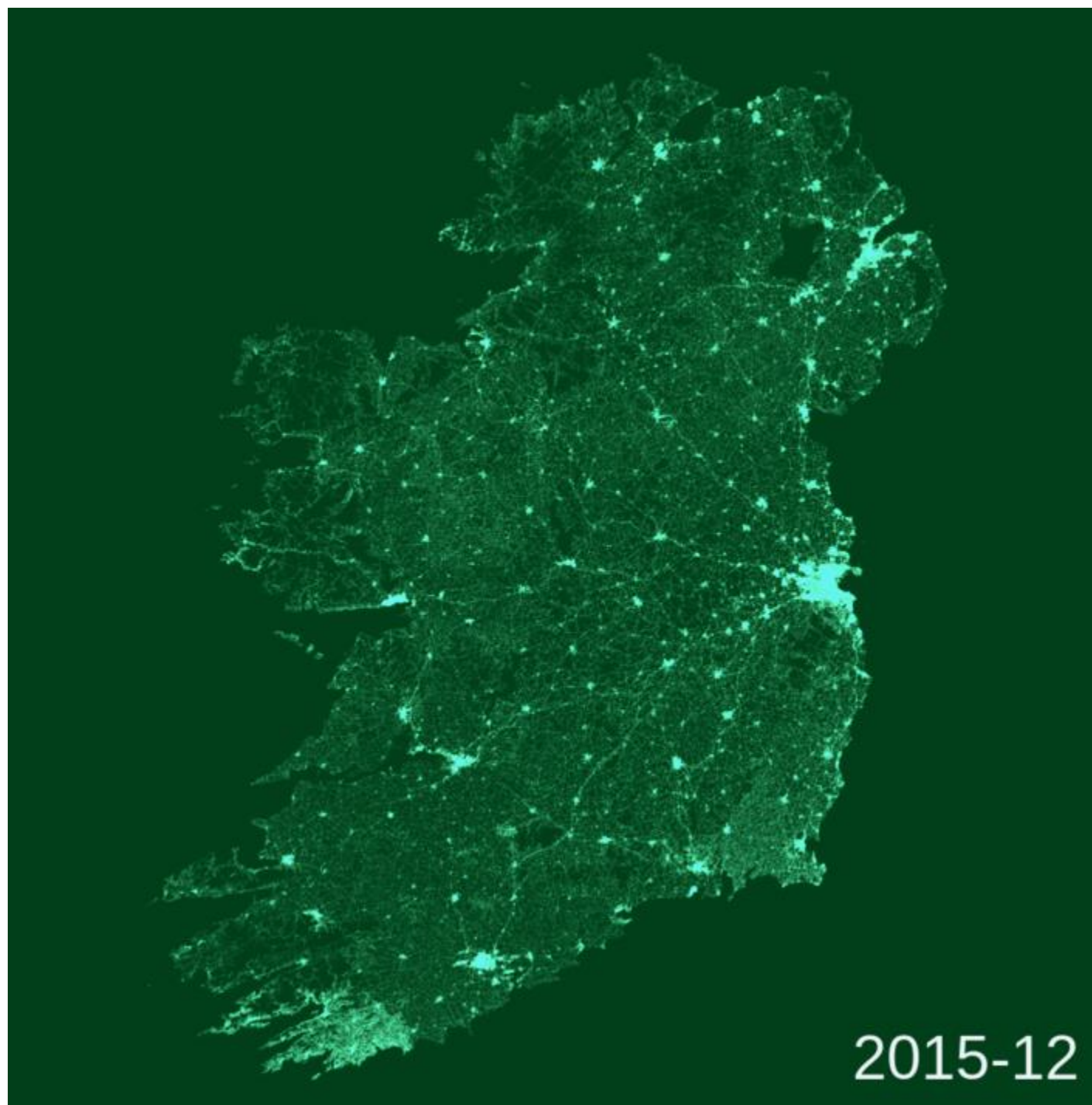


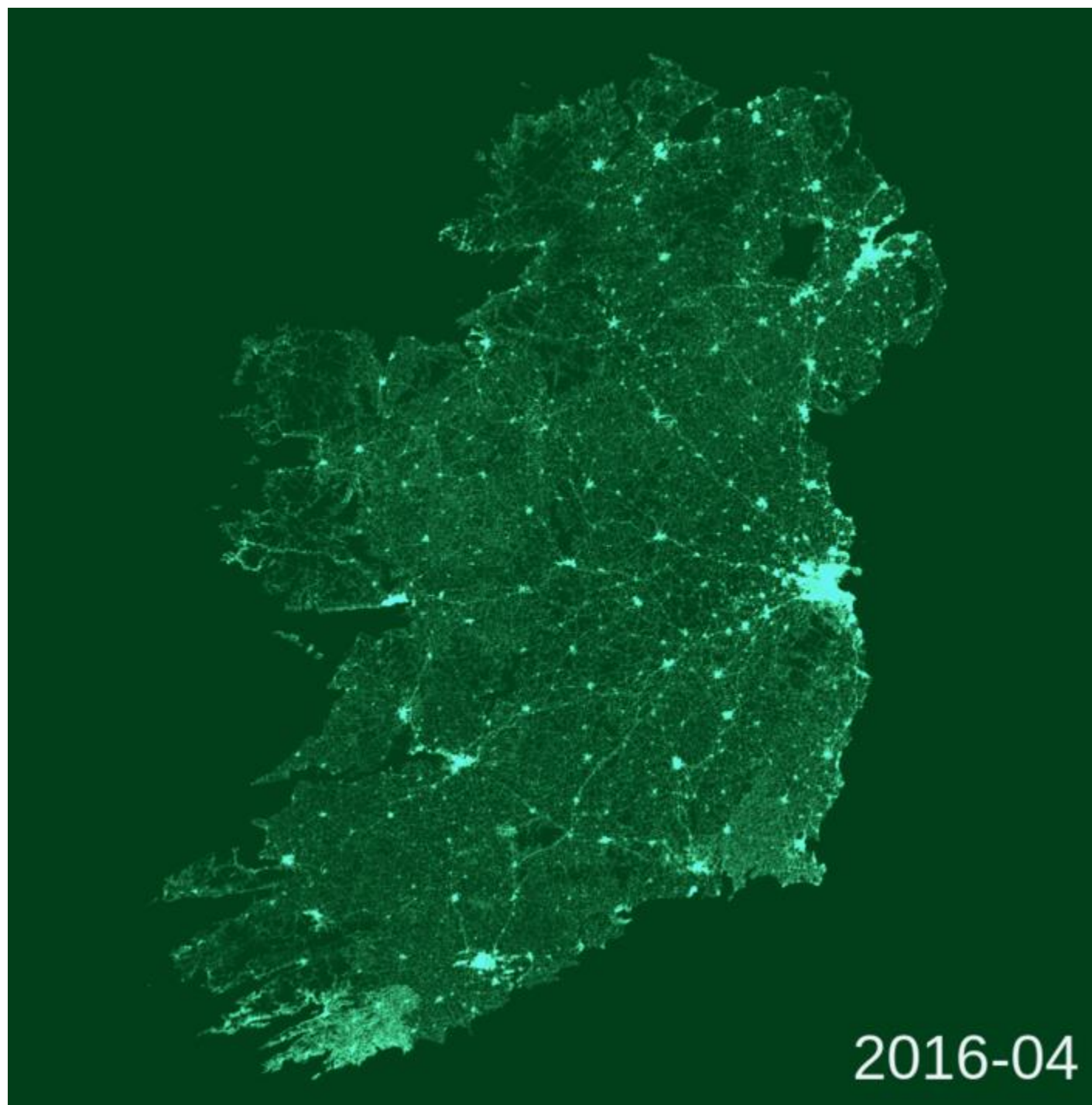


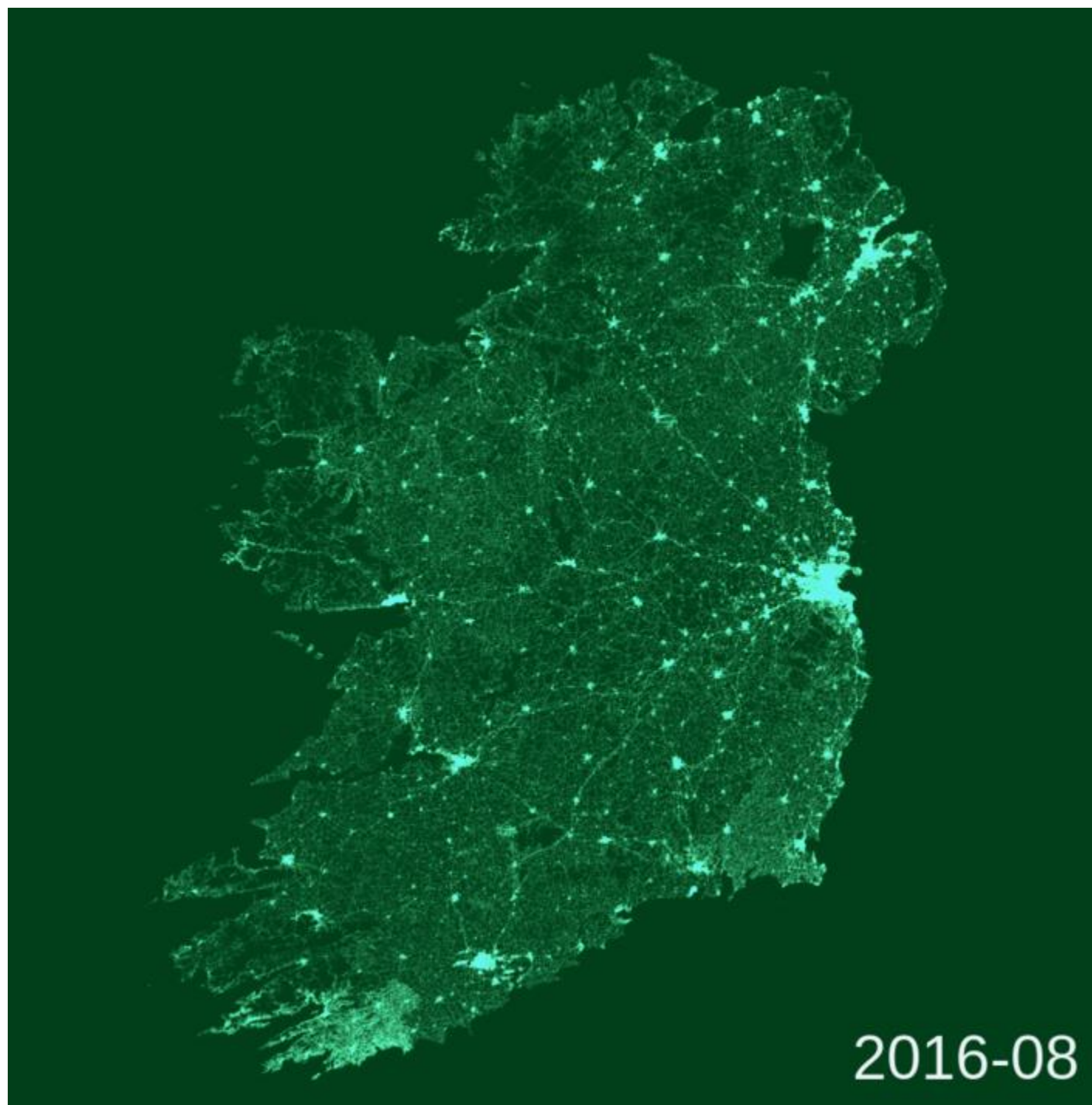




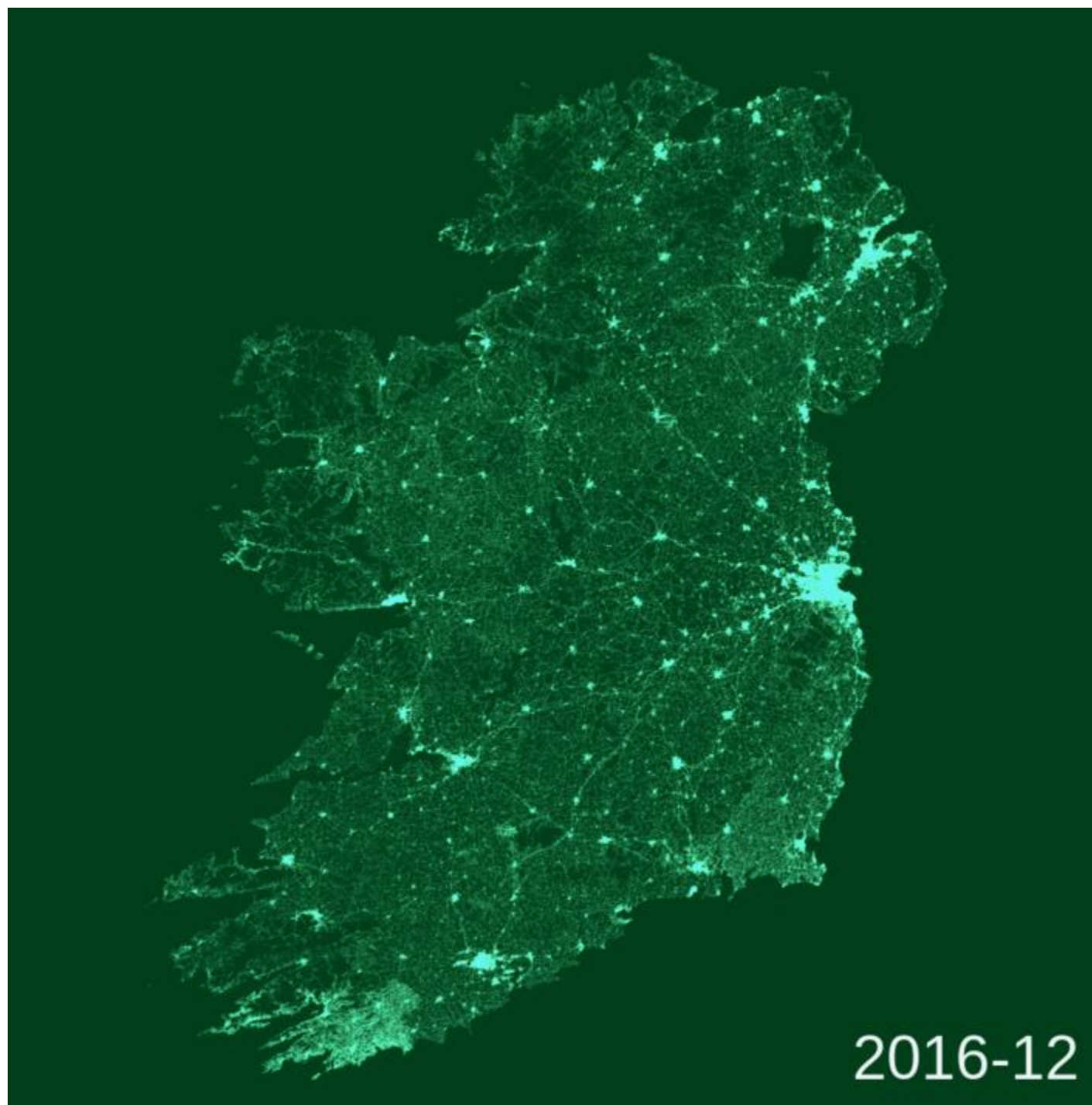


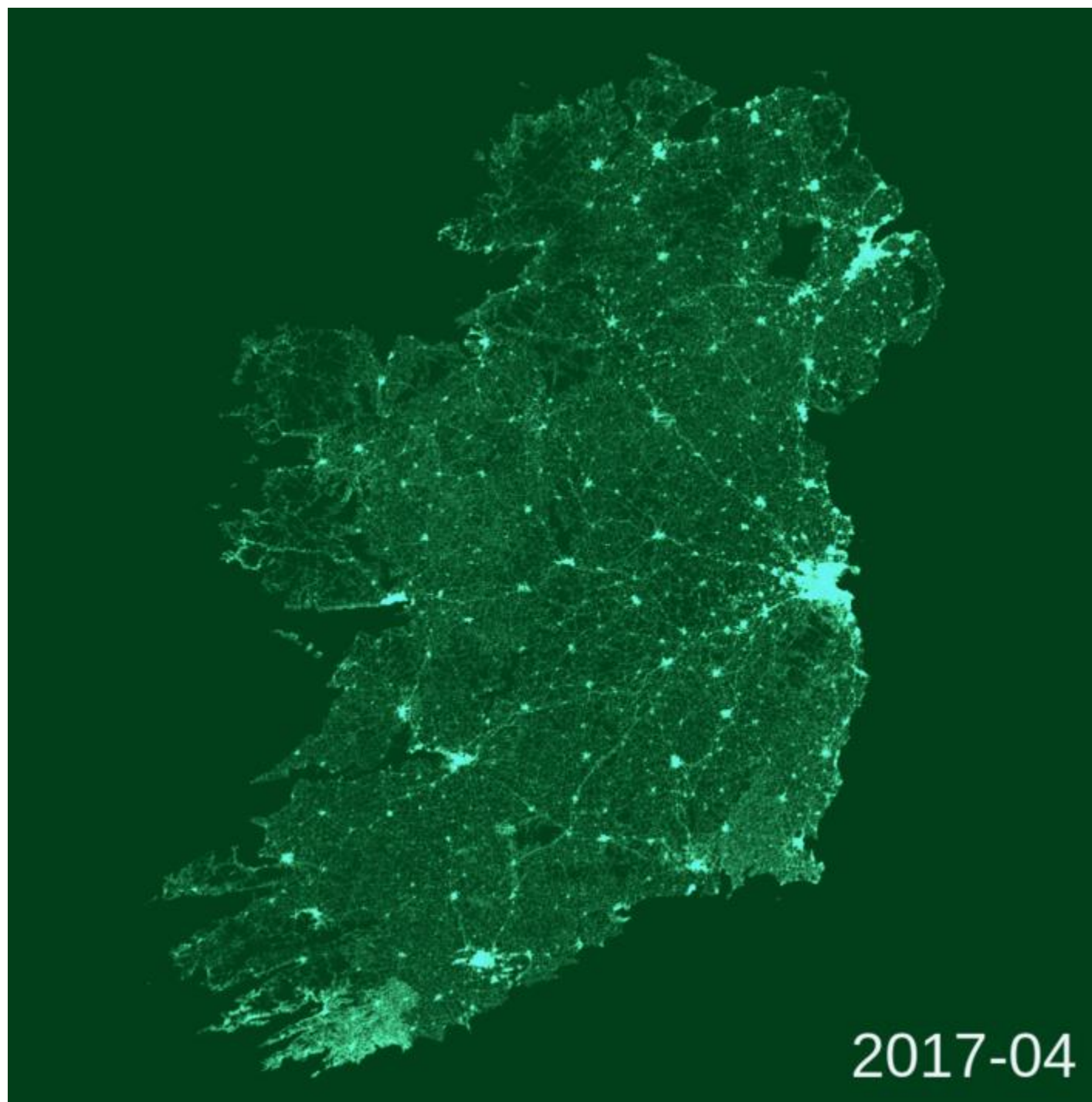




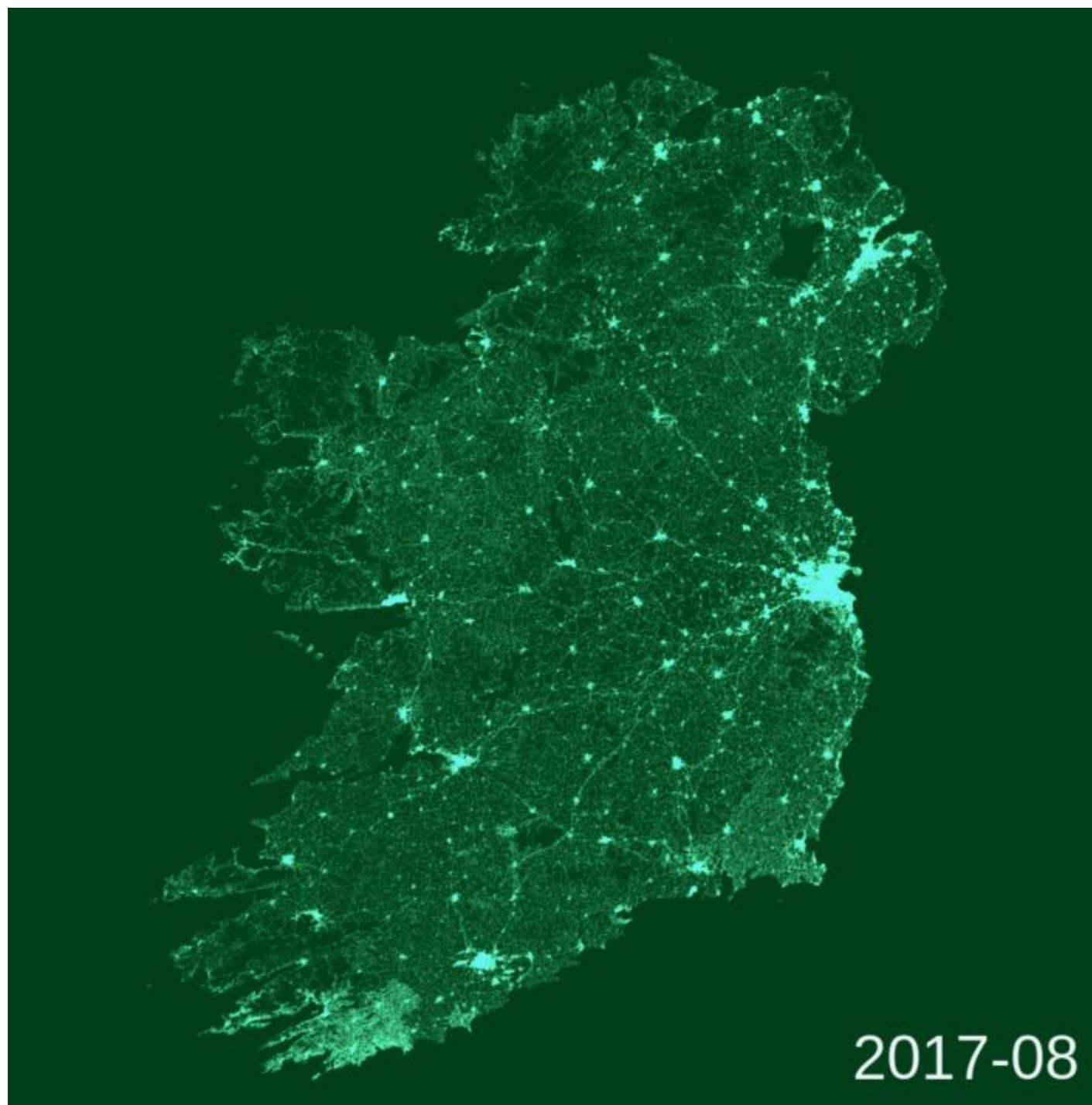


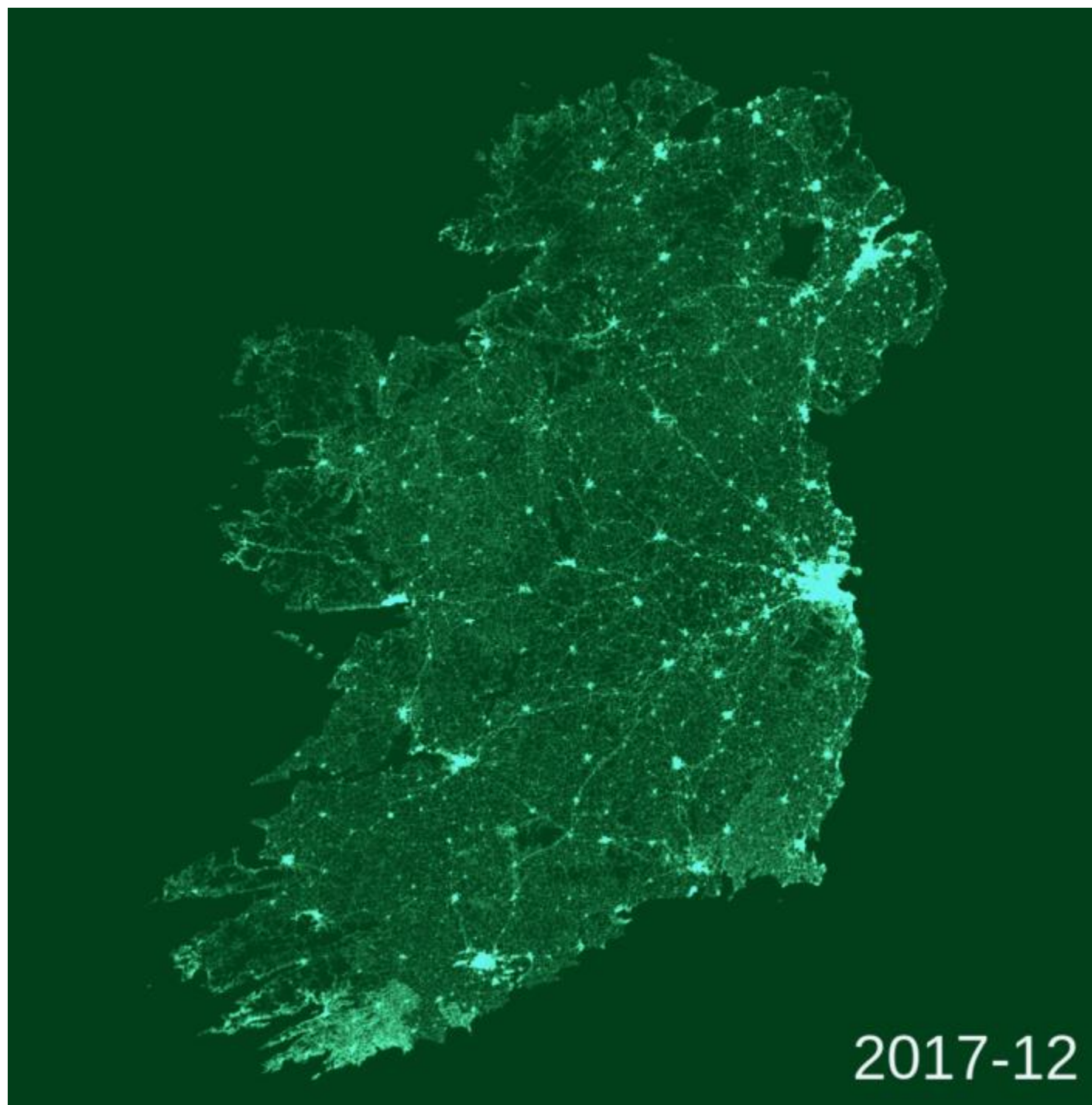


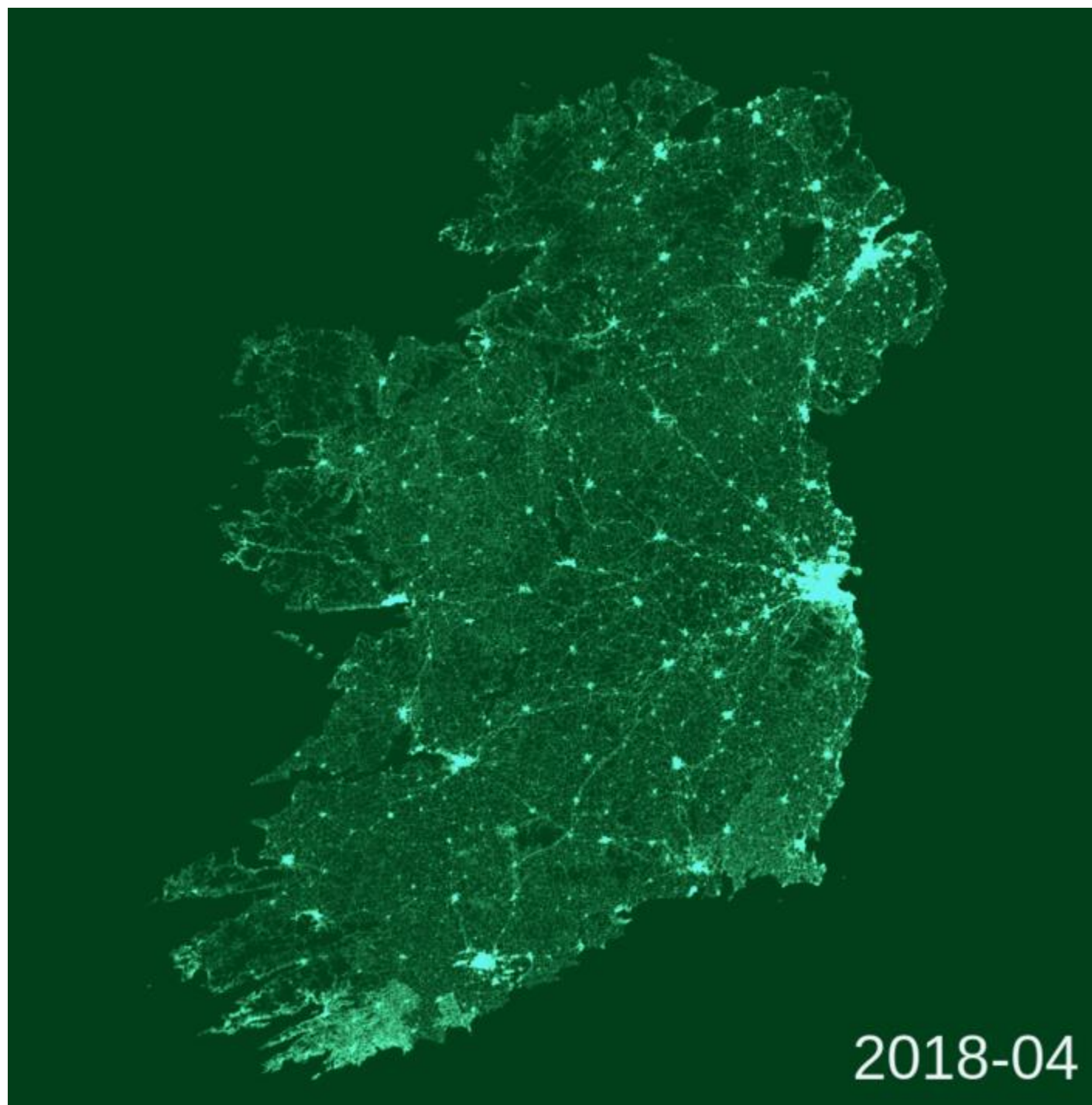












# Townlands

- Townlands.ie
- Small geographic divisions of land in Ireland
  - Mainly Irish Gaelic origin
- 61,000 across Ireland
- 650+ out of copyright OSi maps from Trinity College
- Maps georeferenced in MapWarper, and traced by volunteers



# Townlands

- Small geographic divisions of land in Ireland



## Irish Traditional Boundaries Progress Report

 English  
 Gaeilge  
 Deutsch  
 français

[Search](#)

- [Progress of each county](#) ↓
- [Duplicate townland names](#) →
- [Potential conflicts with the data](#) ↓
- [Rate of mapping](#) →
- [Mapping Activity](#) →
- [Logainm Status](#) ↓
- [Logainm QA](#) →

How complete is the data in Open Street Map?

The data in OpenStreetMap is continuously updated. This page shows how much of each county has been mapped in townlands, baronies and civil parishes

County	Townlands	Electoral Divisions	Civil Parishes	Baronies
All Ireland	100.1% <div><div></div></div>	85.3% <div><div></div></div>	101.8% <div><div></div></div>	101.5% <div><div></div></div>

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- What's left?
  - Logainm - Adding Irish place names to OSM

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- What's left?
  - Logainm - Ad

## Logainm Status

What is the status of Logainm data match up? How many objects have a logainm ref?

All objects	48,605 of 67288(72%)	<div><div></div></div>
Counties	32 of 32 (100%)	<div><div></div></div>
Baronies	325 of 326 (100%)	<div><div></div></div>
Civil Parishes	2,382 of 2,507 (95%)	<div><div></div></div>
Electoral Divisions	3 of 3,437 (0%)	<div><div></div></div>
Townlands	45,863 of 60,986 (75%)	<div><div></div></div>

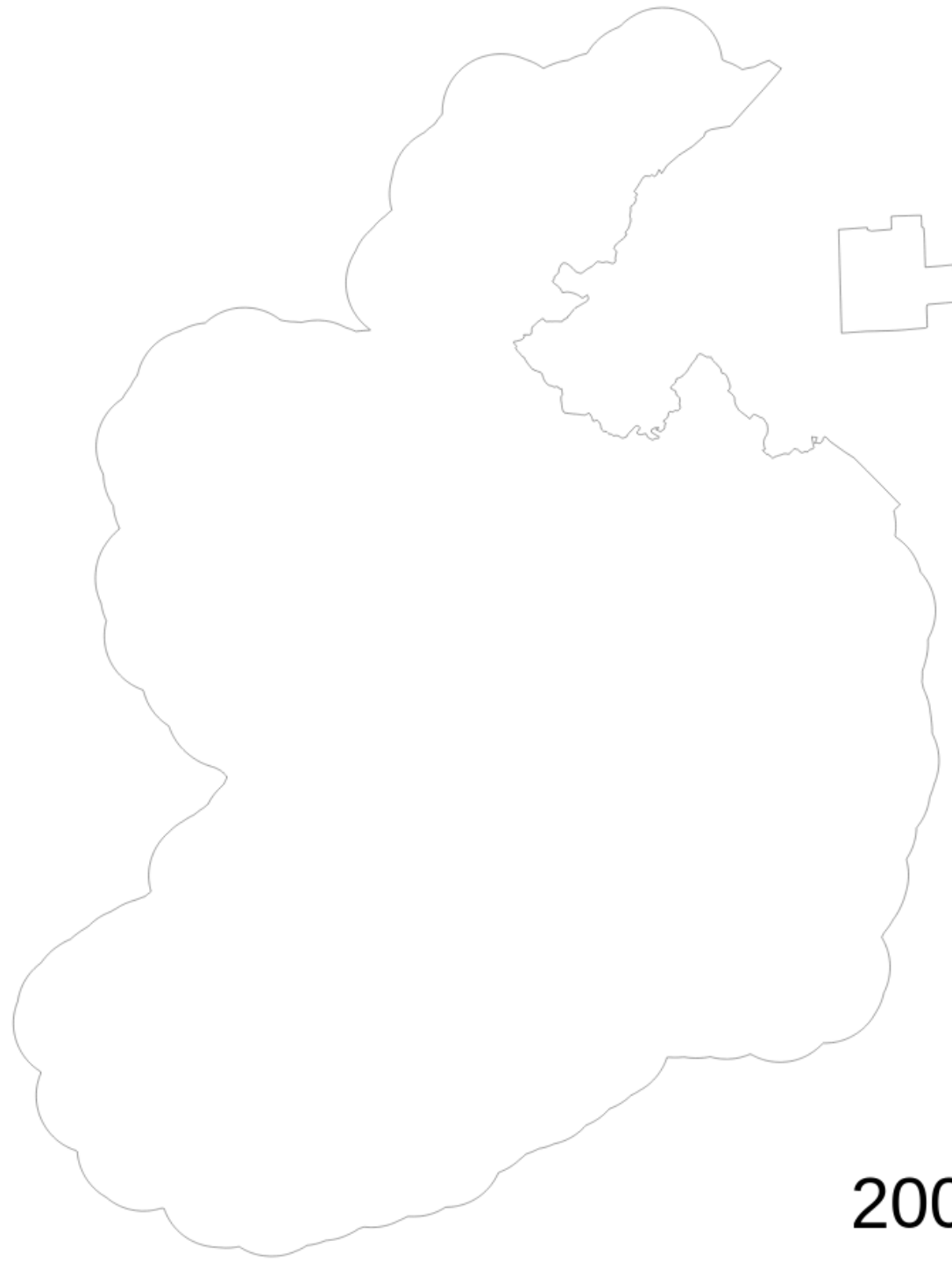
# OpenStreetMap Boundaries in Ireland



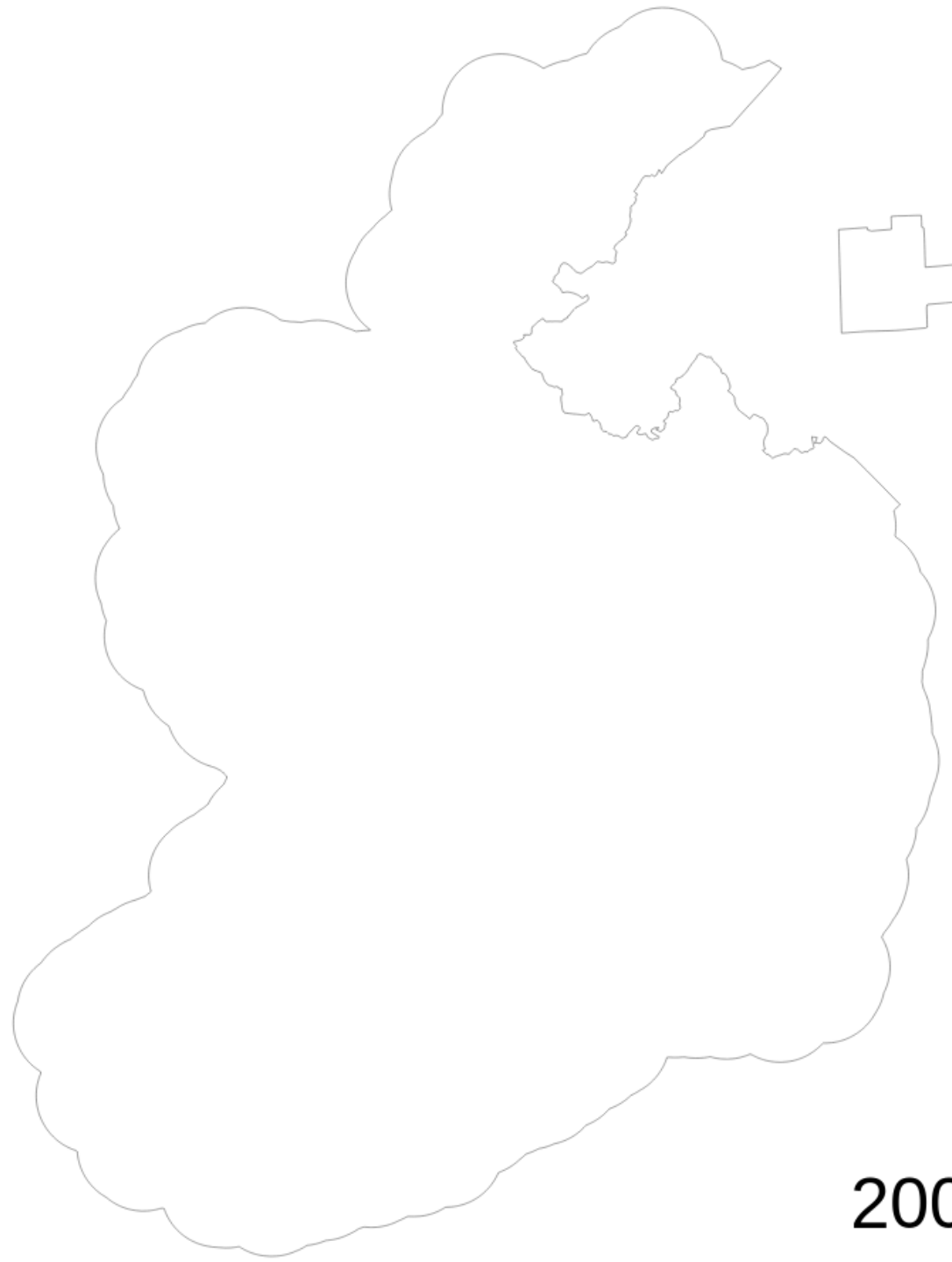
2008-12



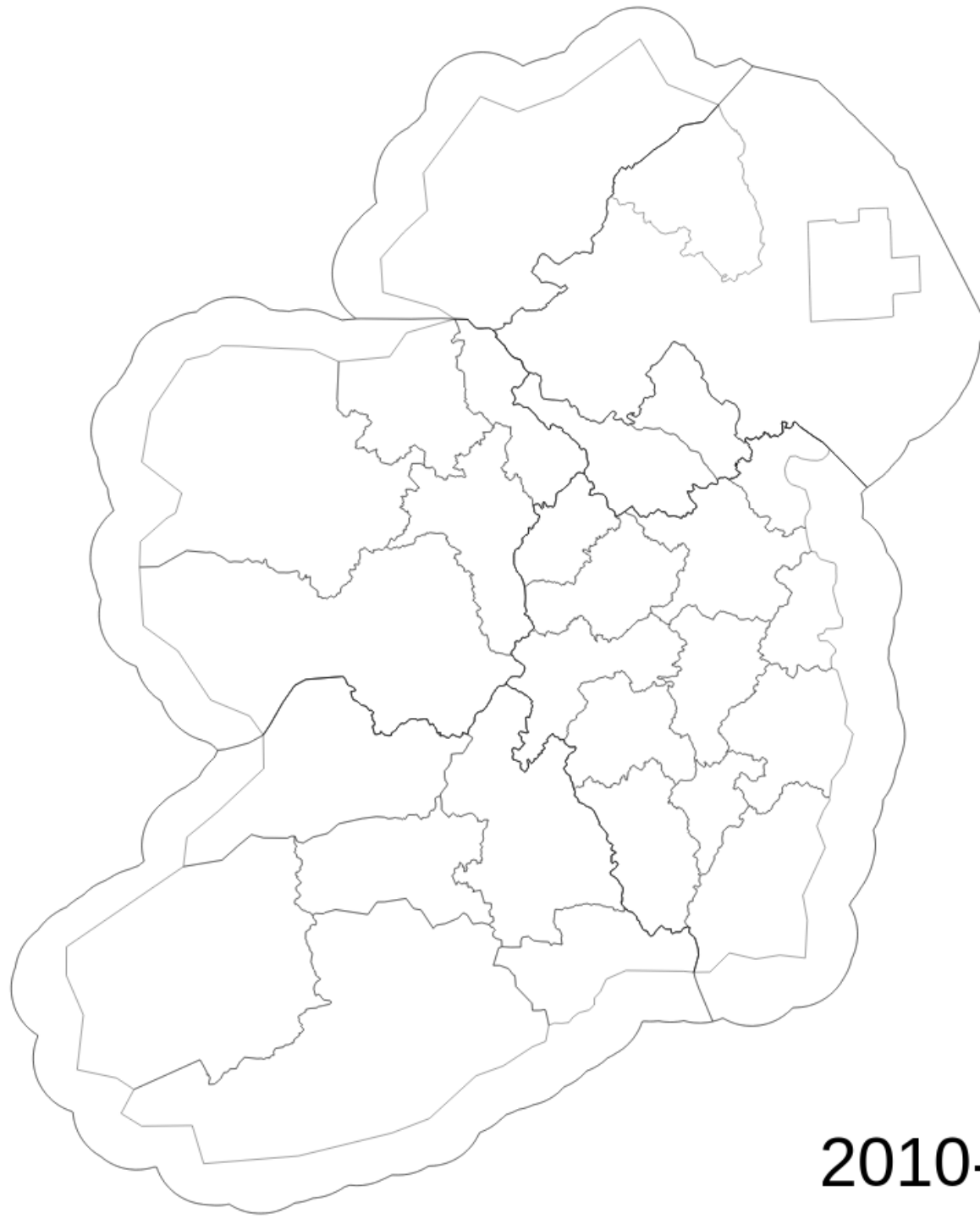
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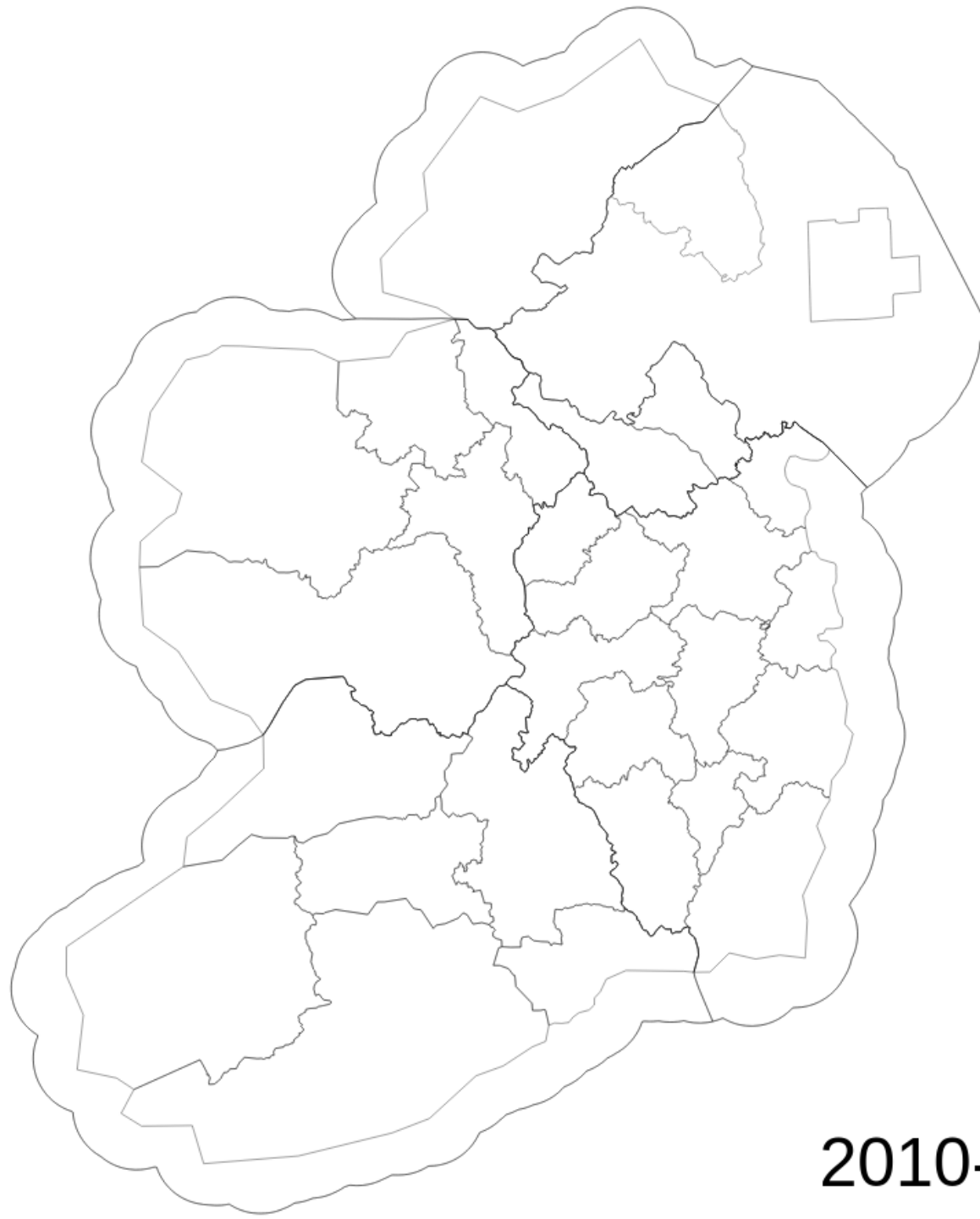
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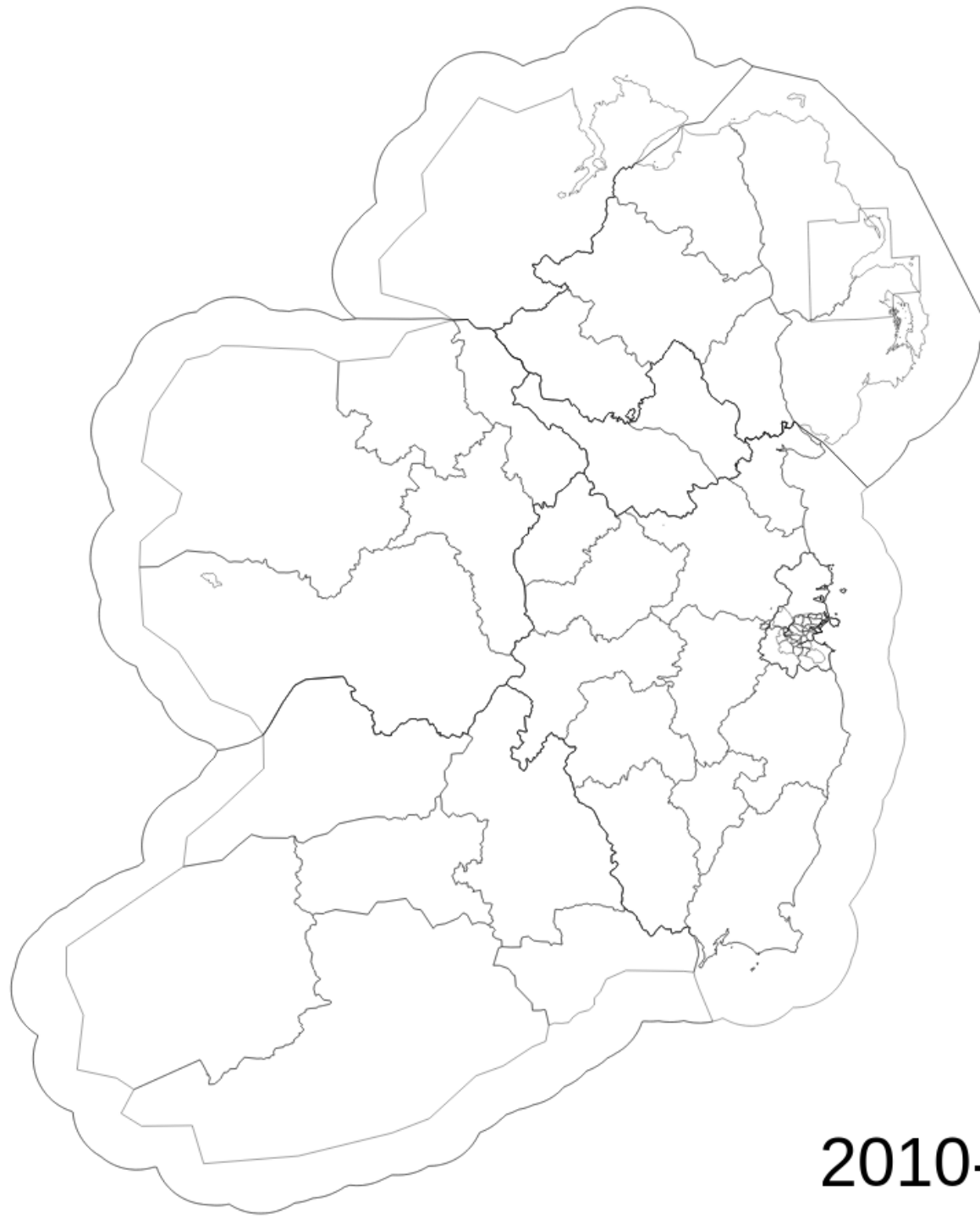
2009-09



2010-01



2010-05

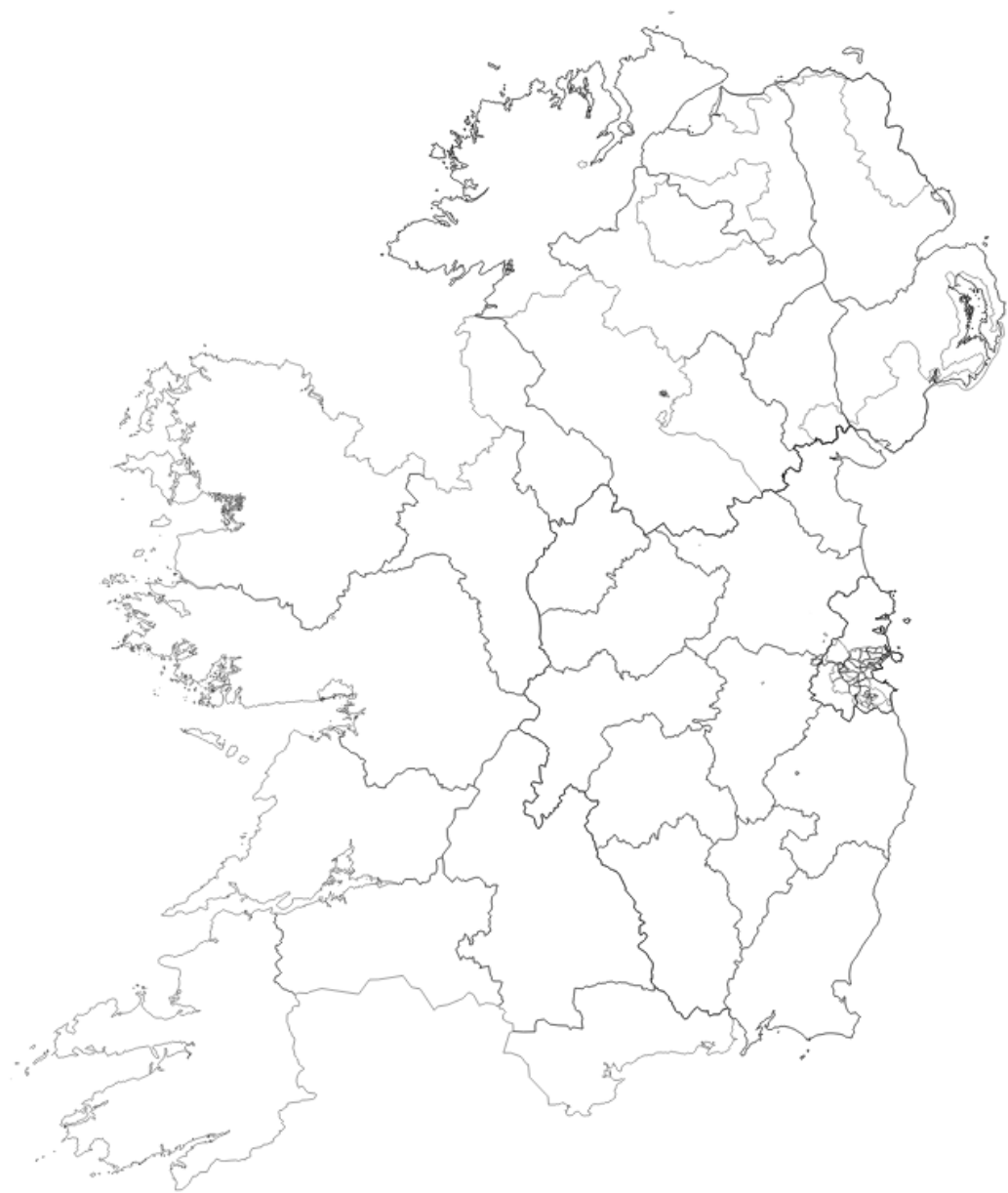


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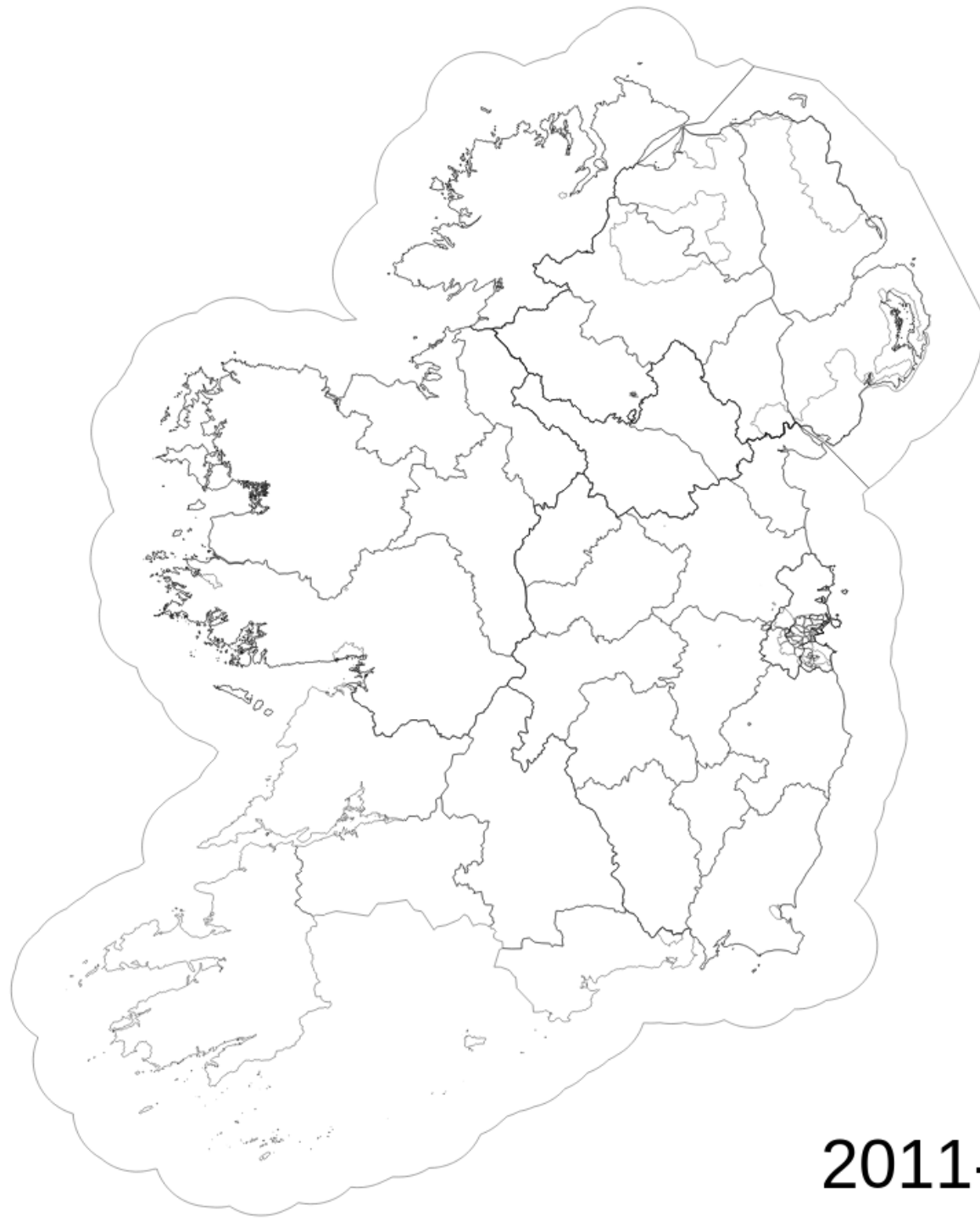




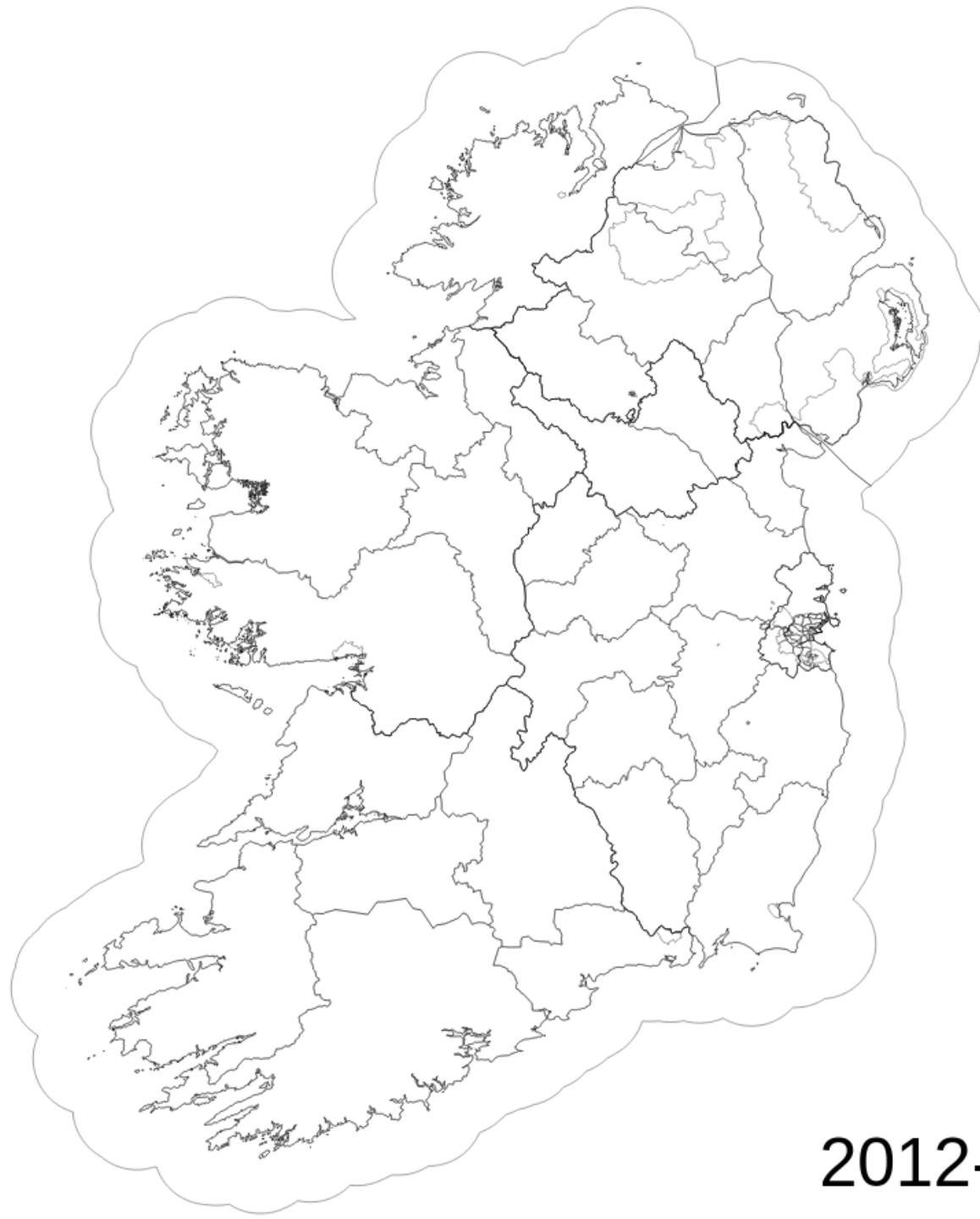
2011-01



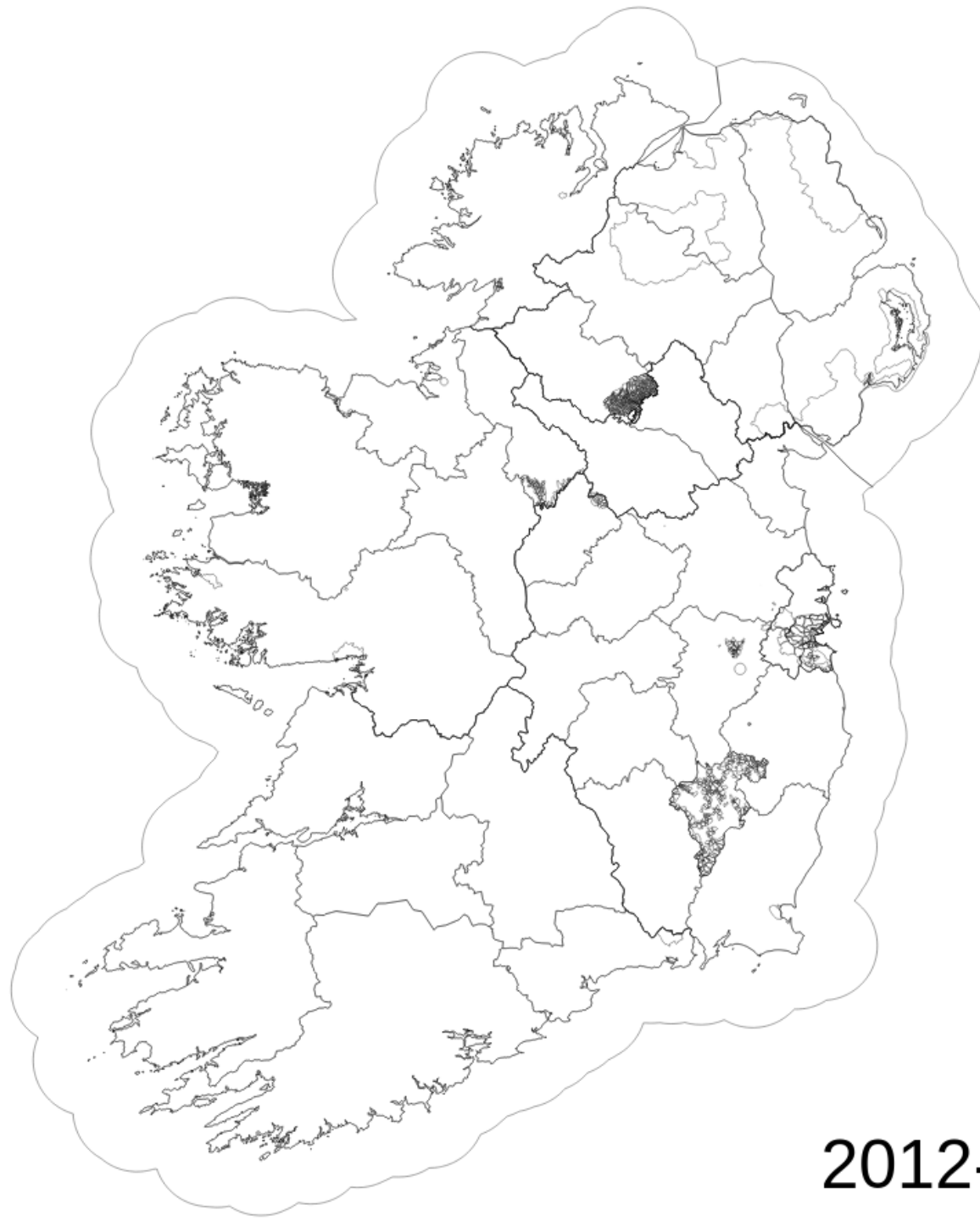
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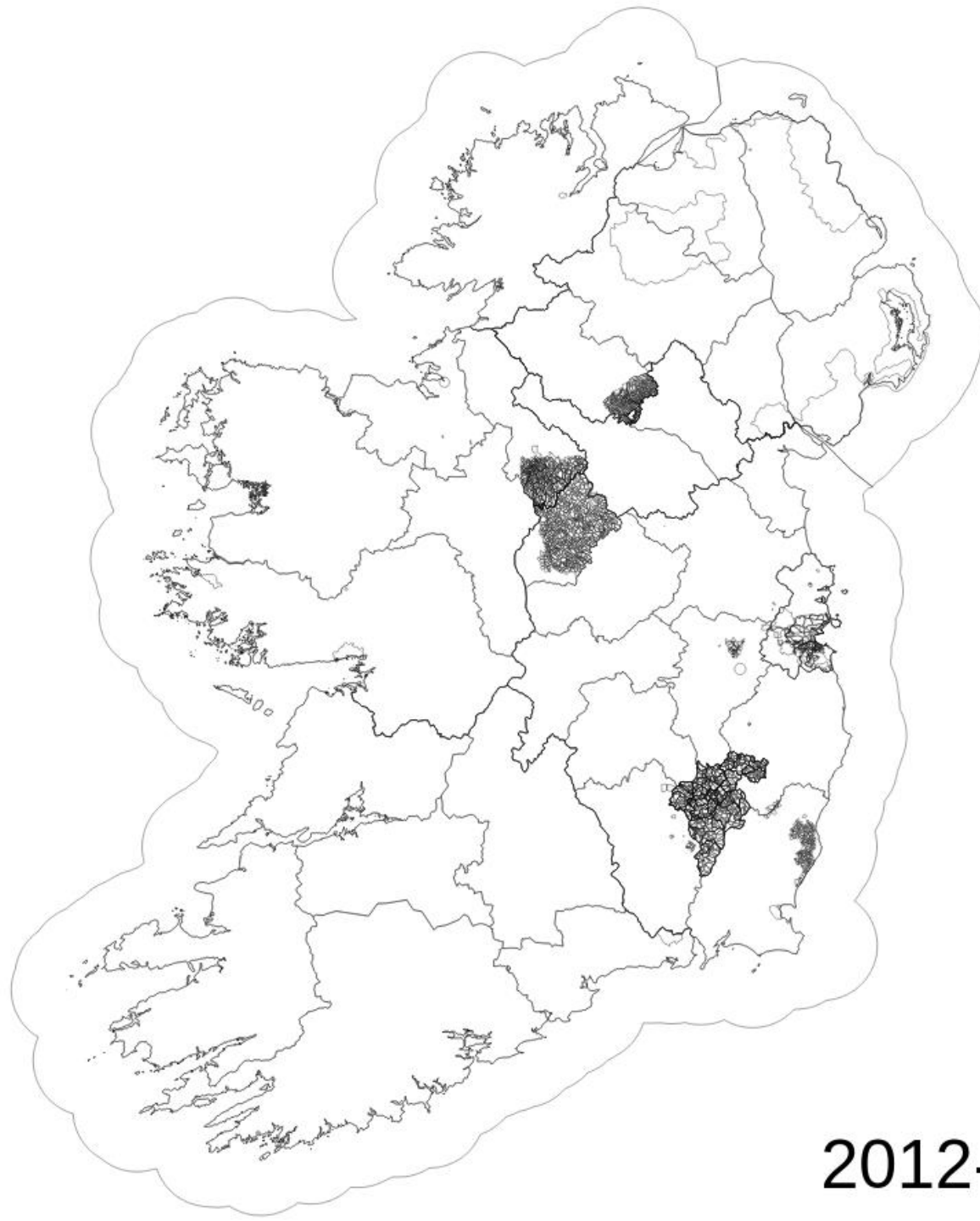
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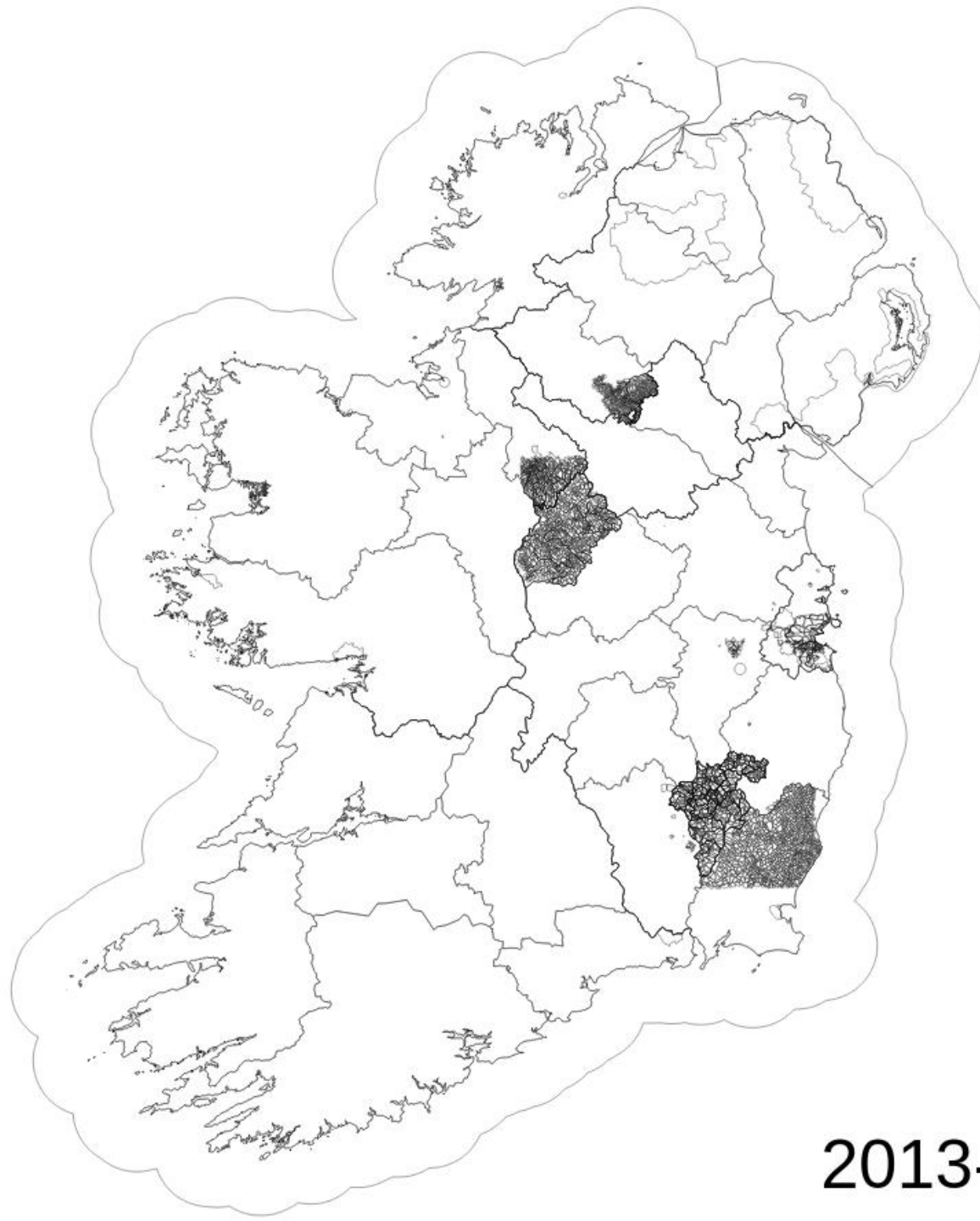
2012-01



2012-05

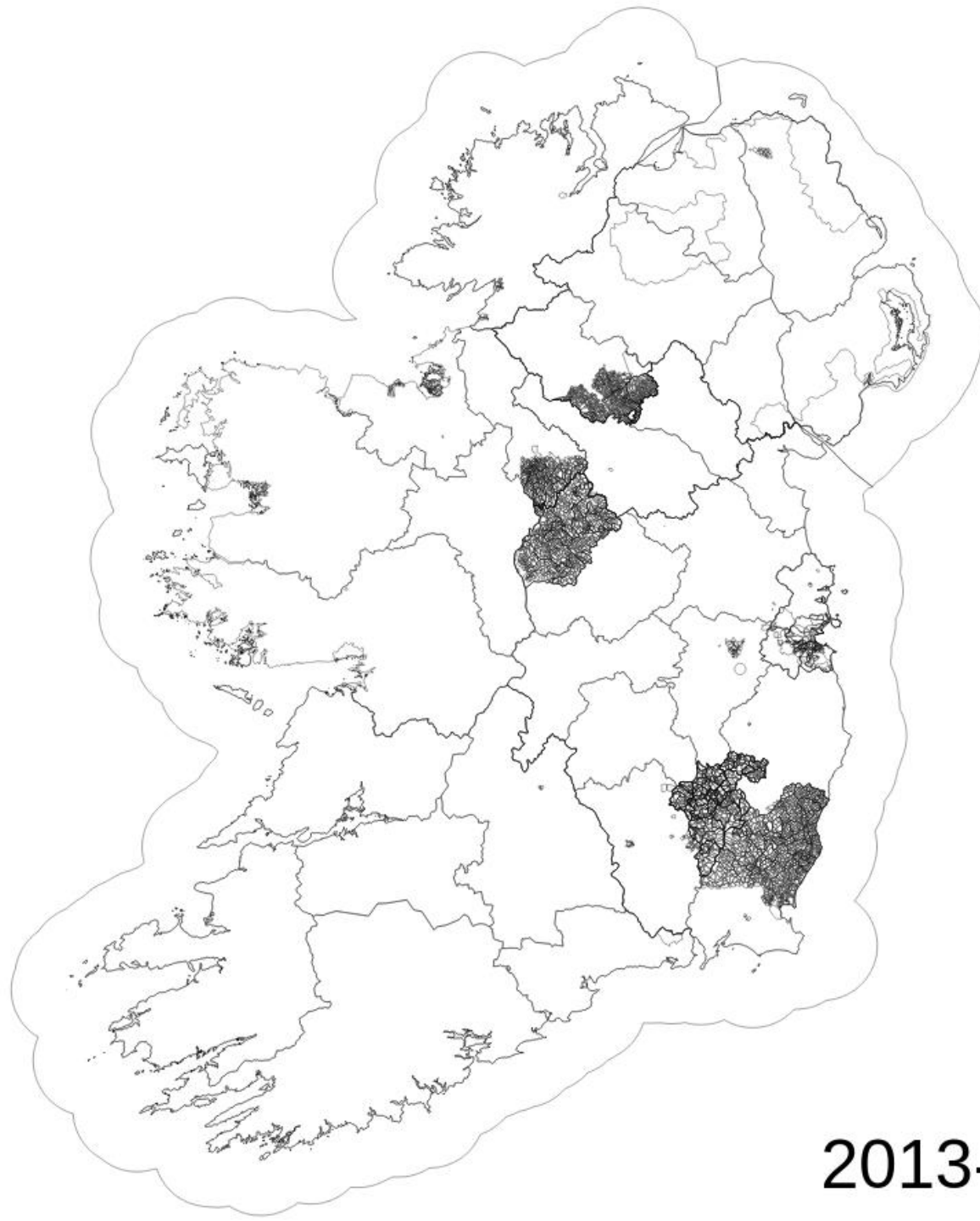


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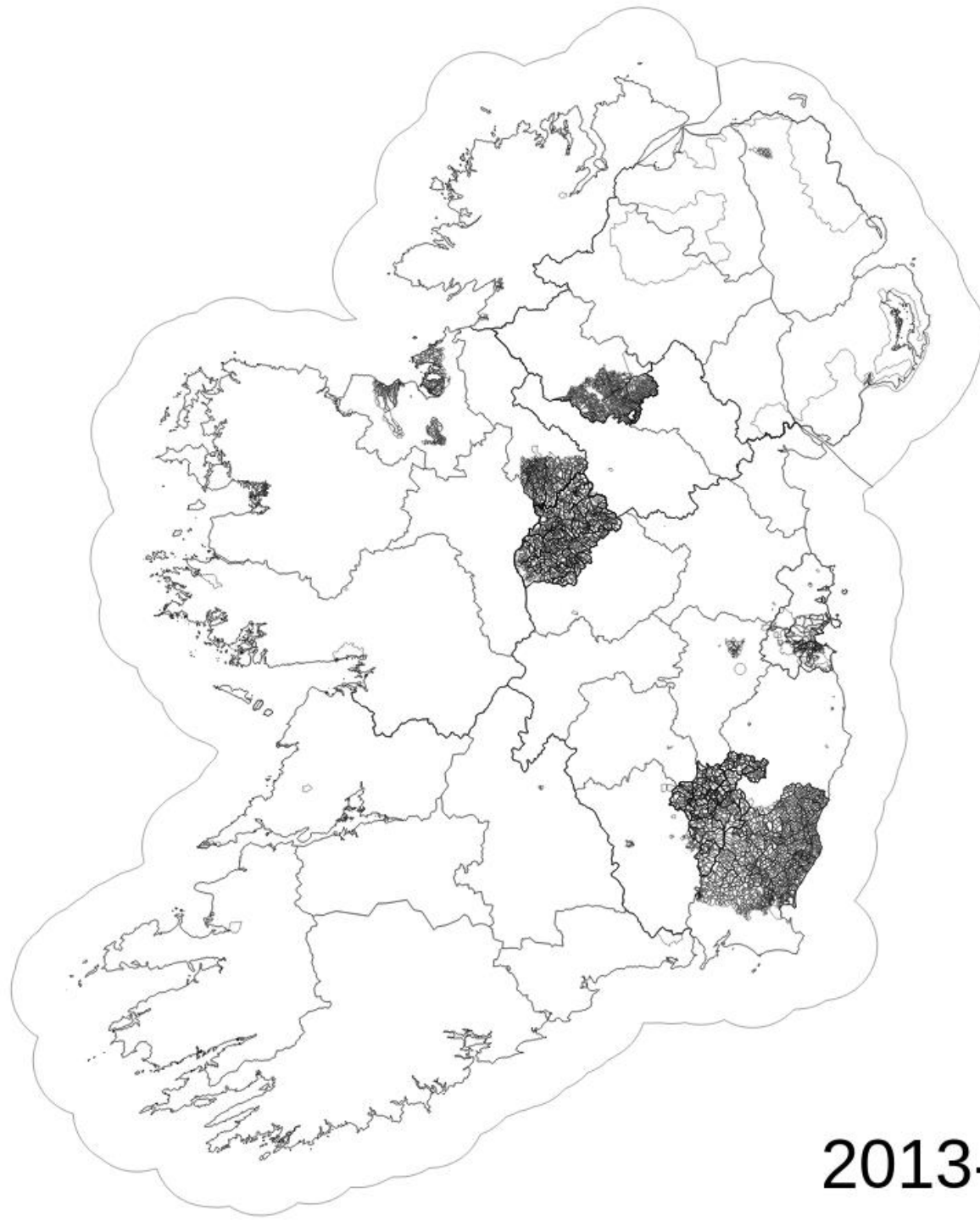


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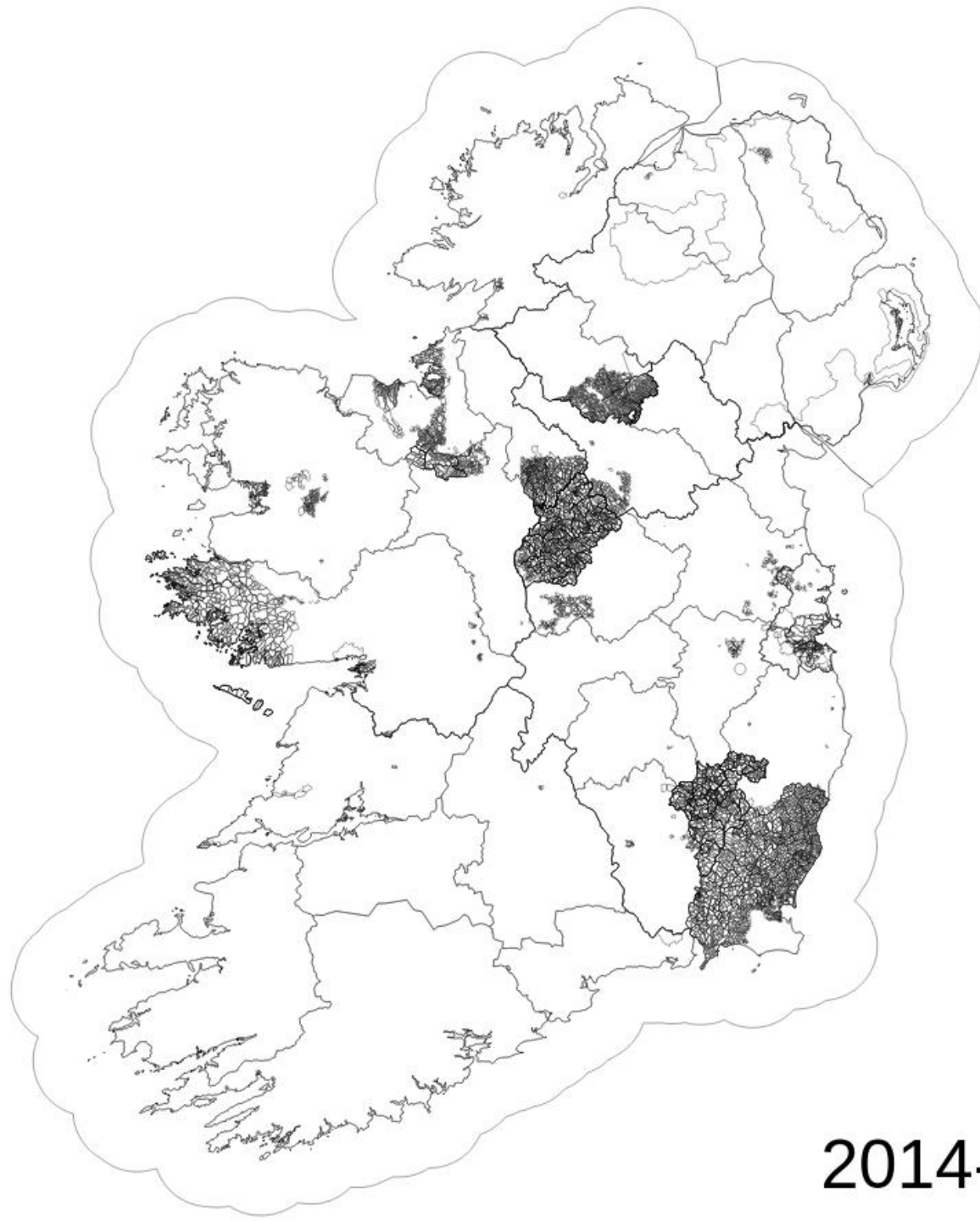




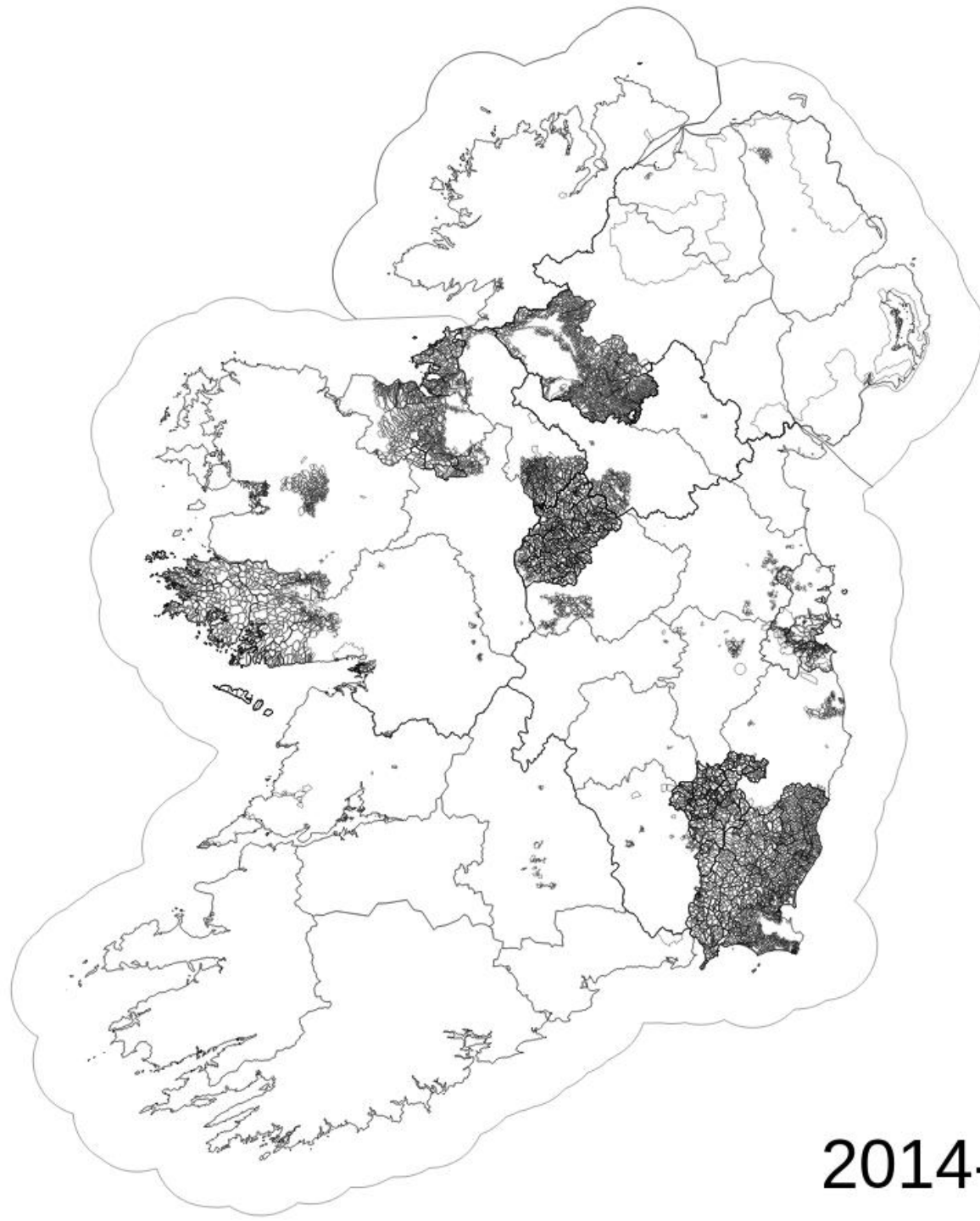
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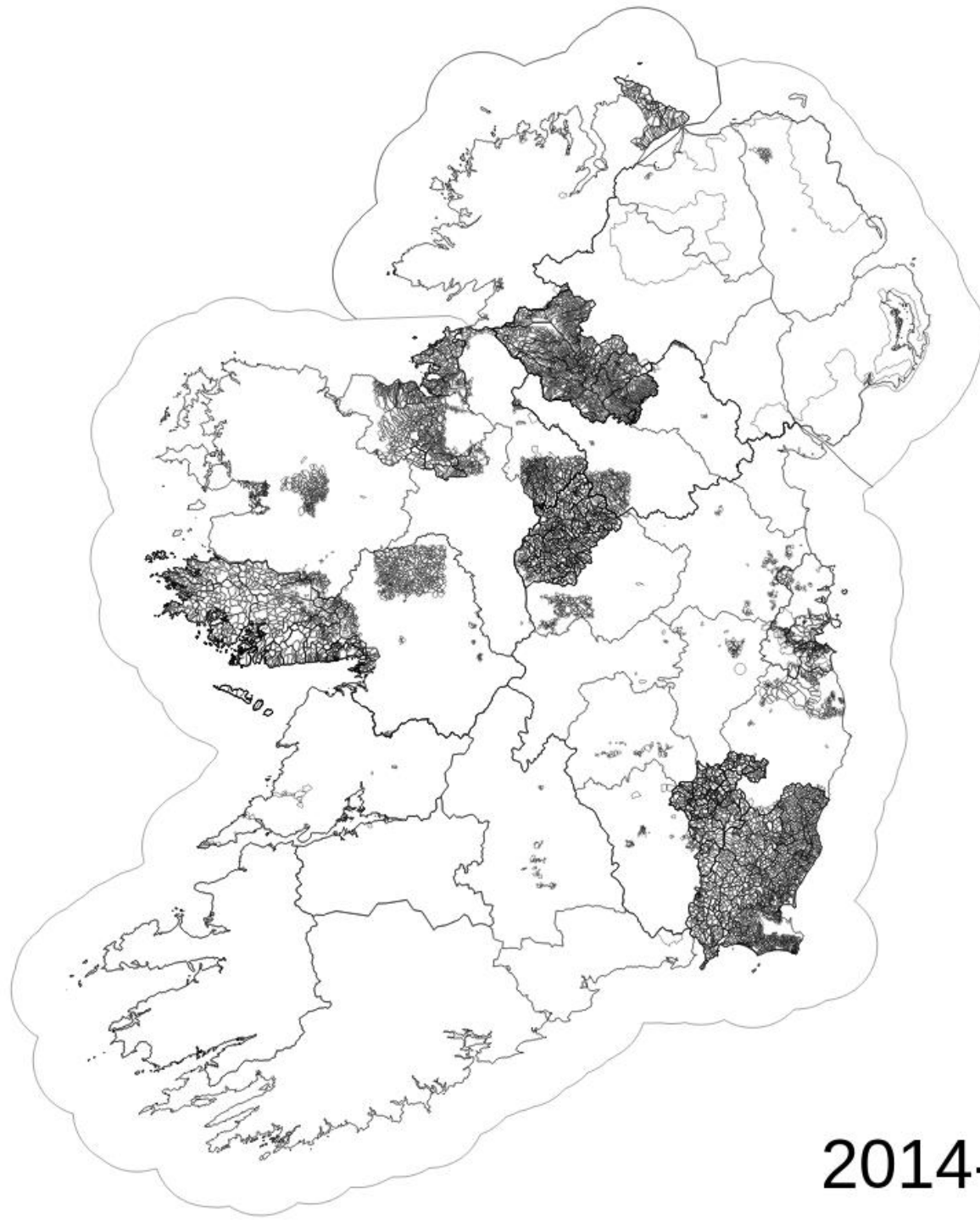
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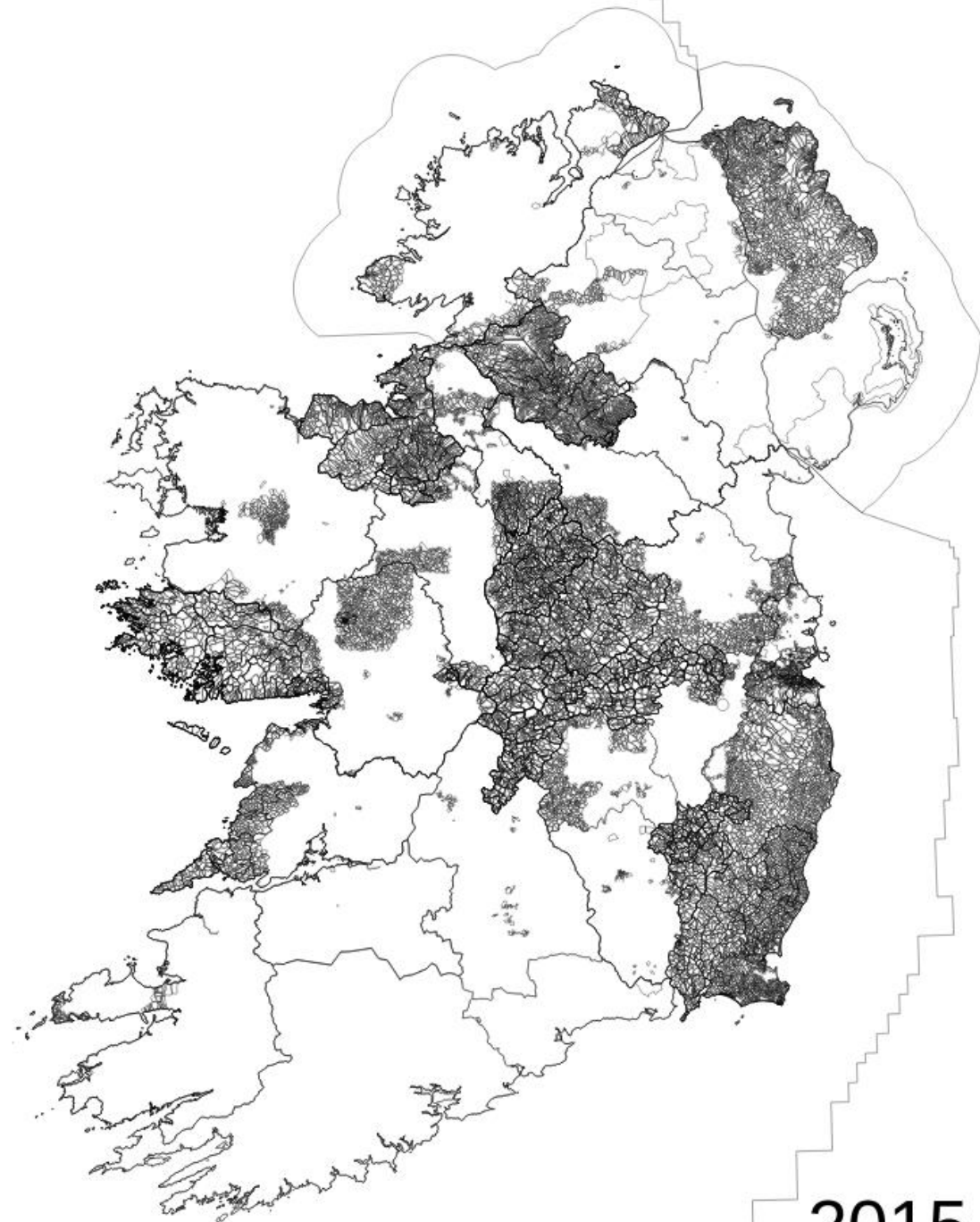
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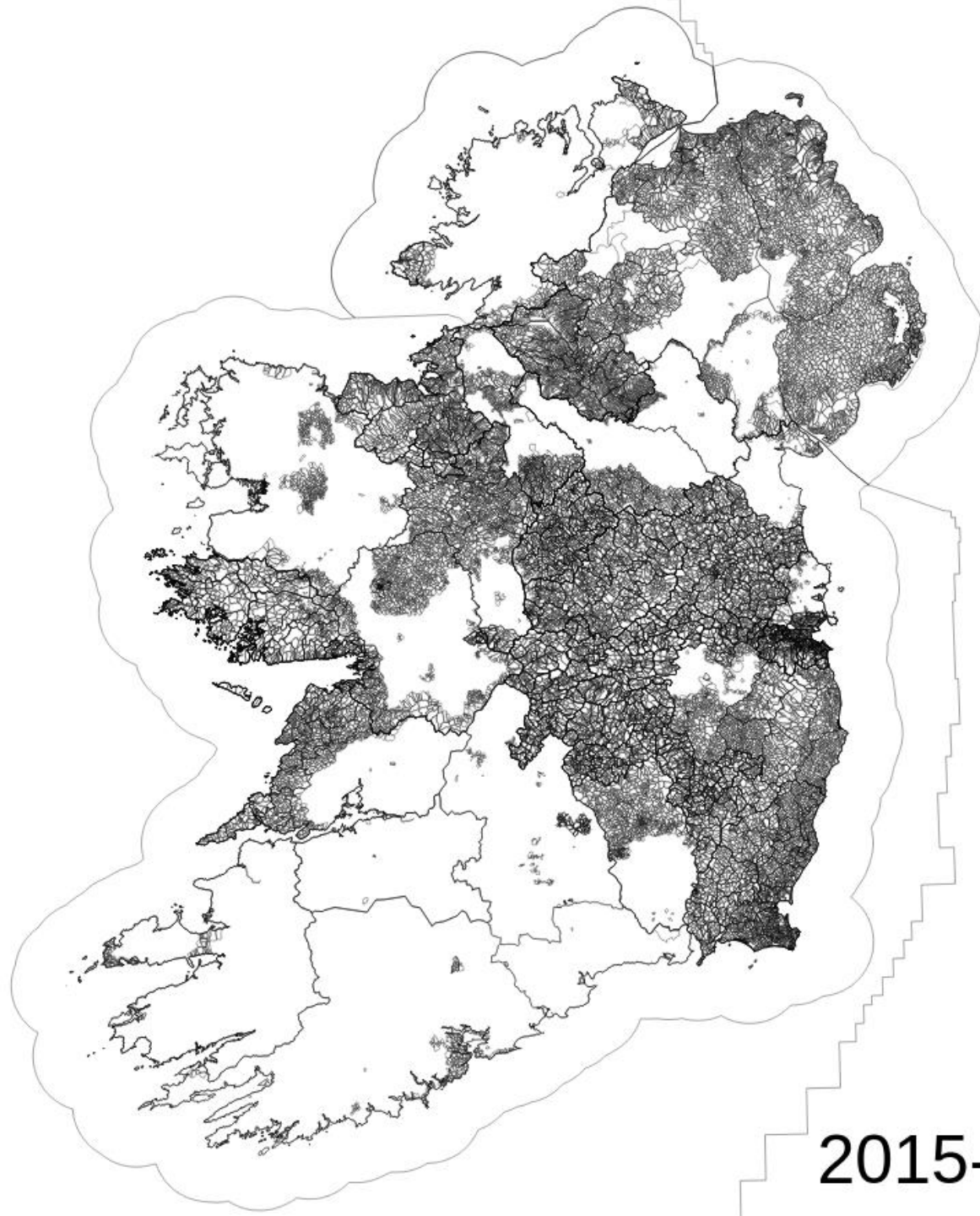
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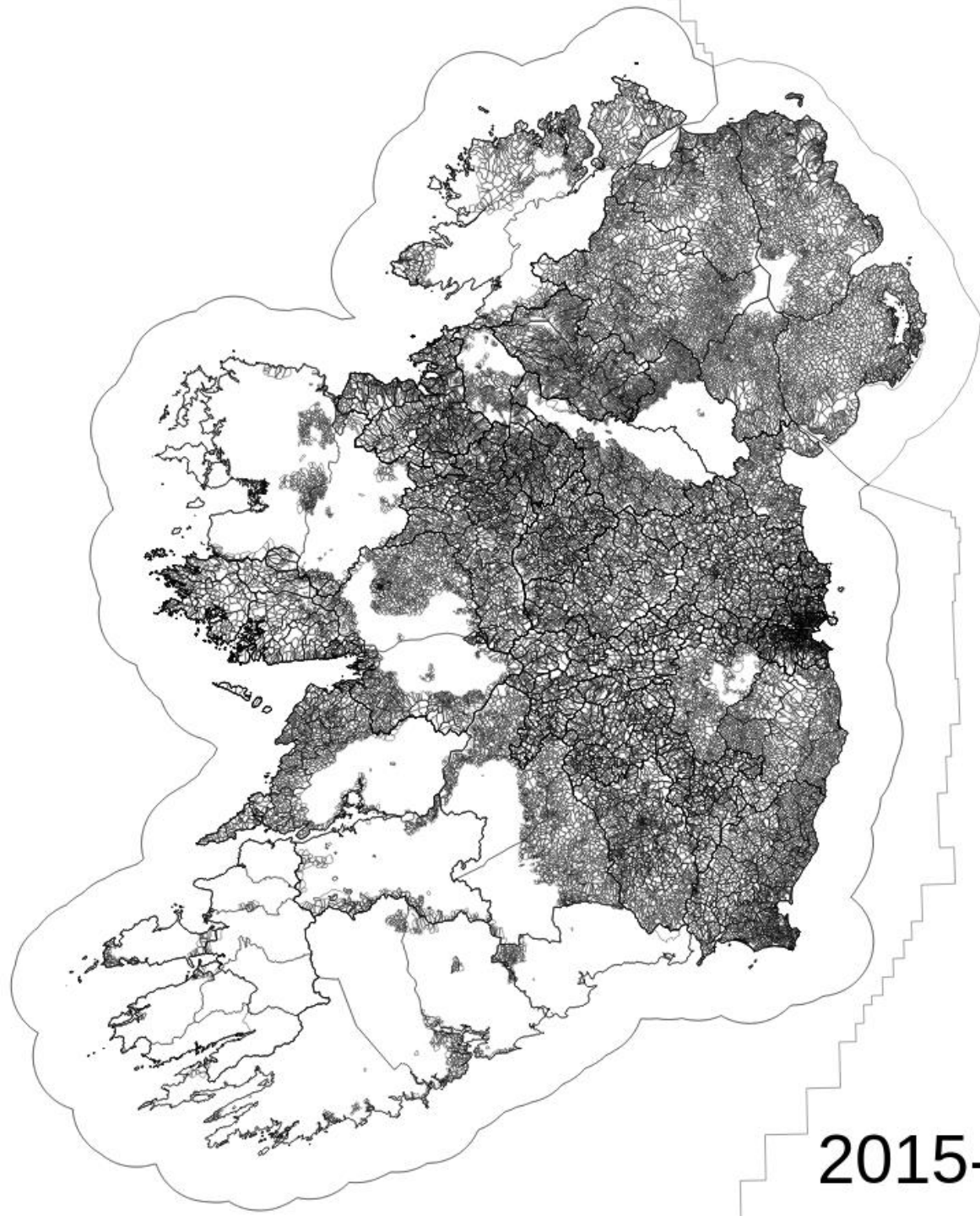
2014-09



2015-01

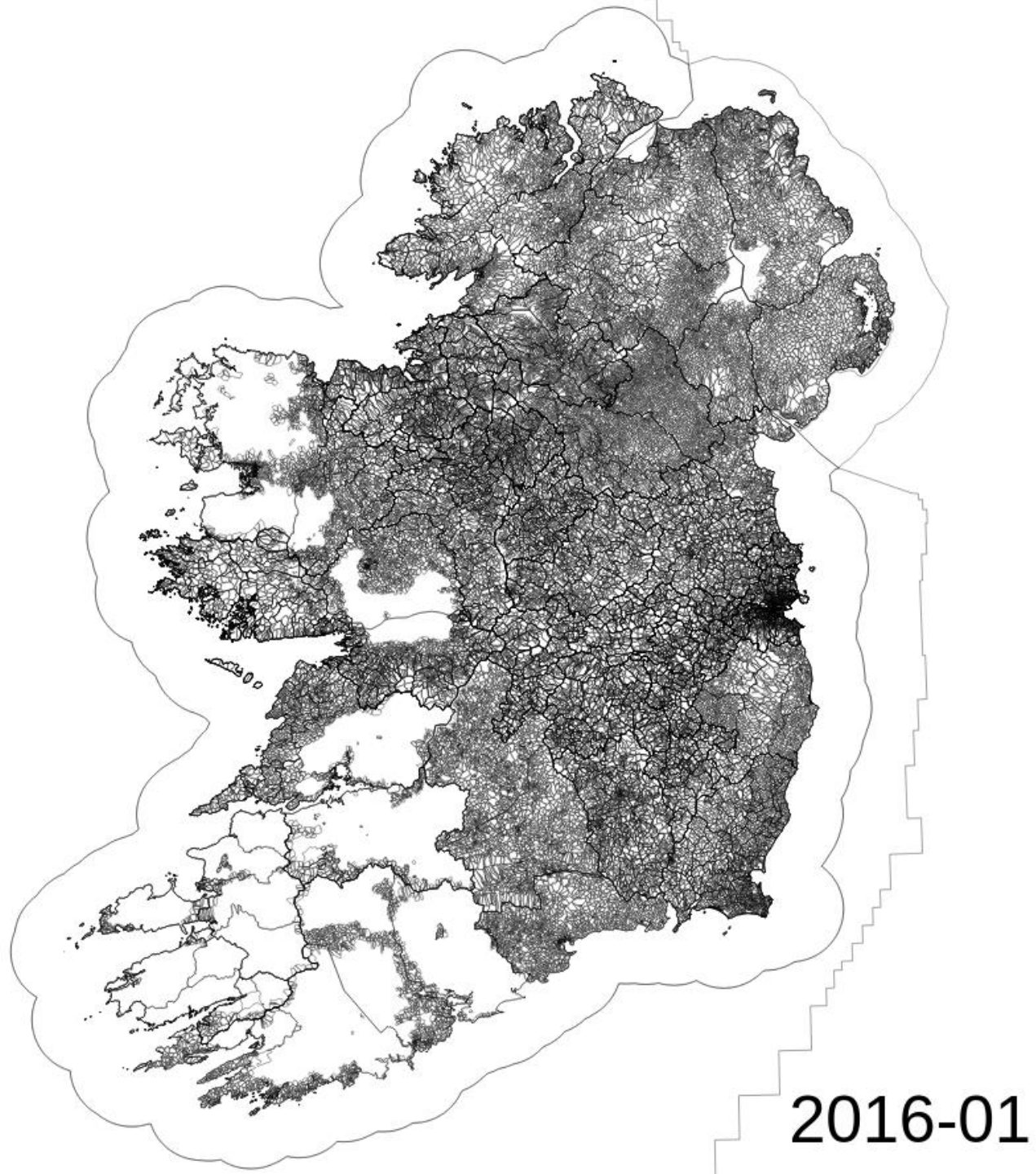


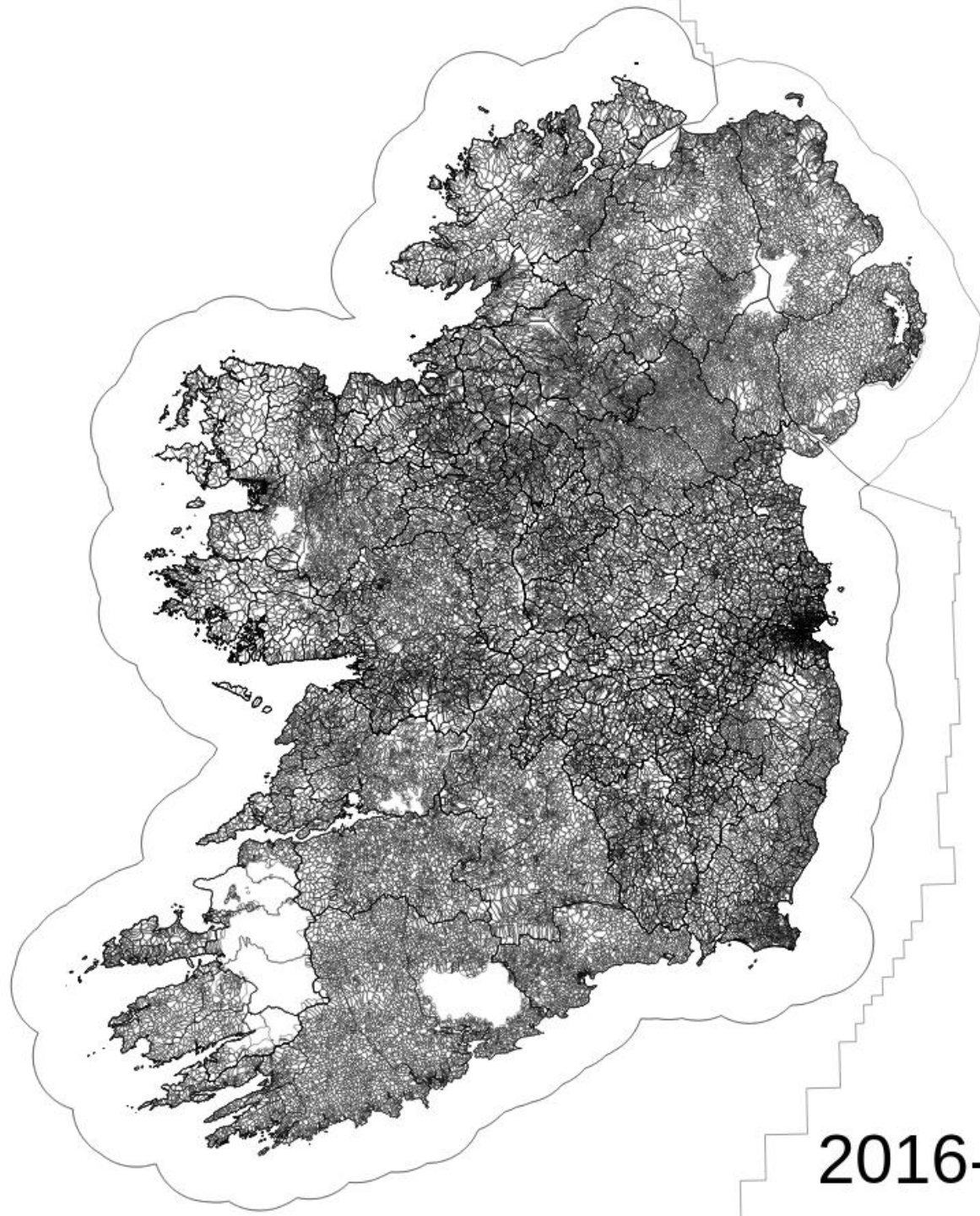
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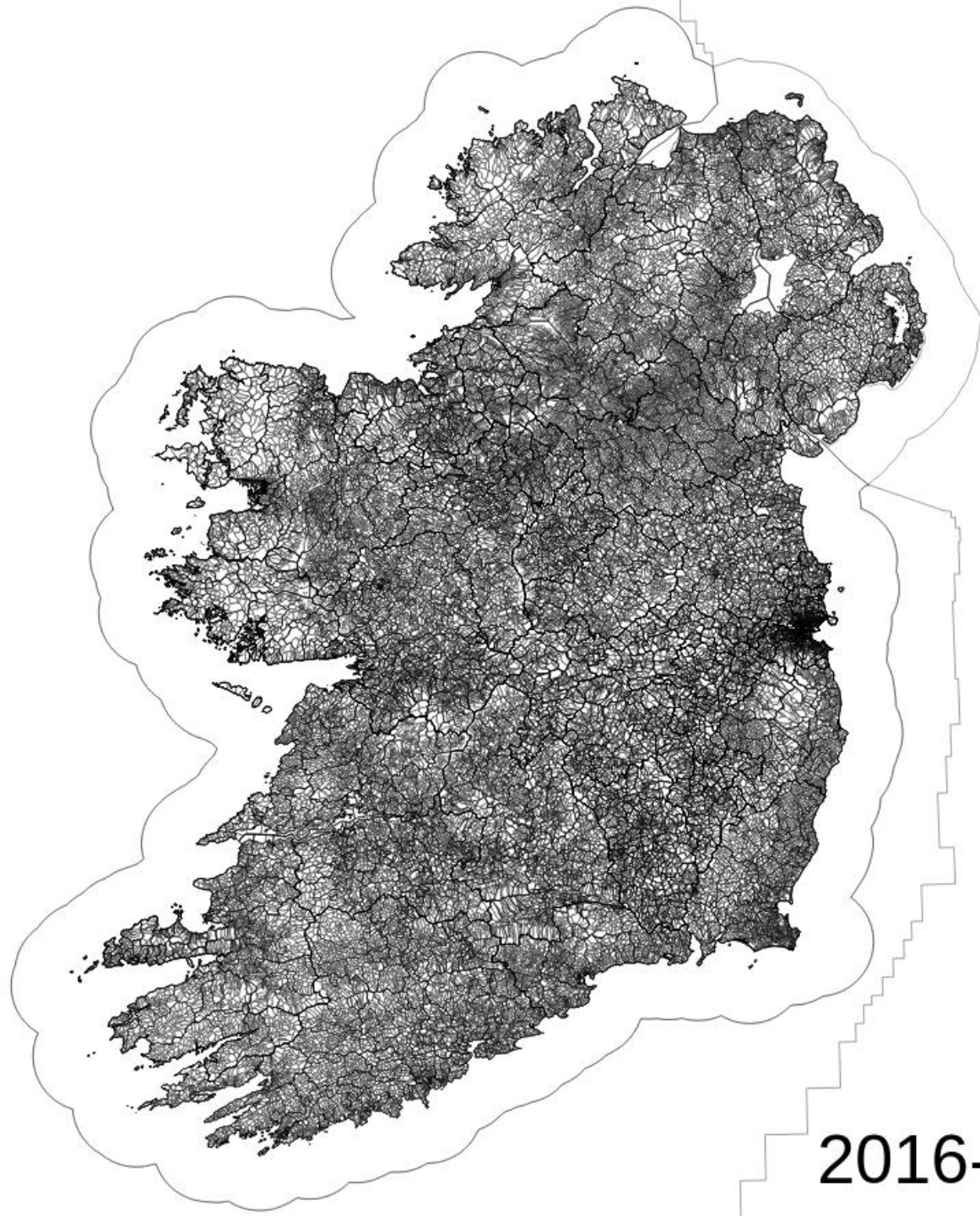
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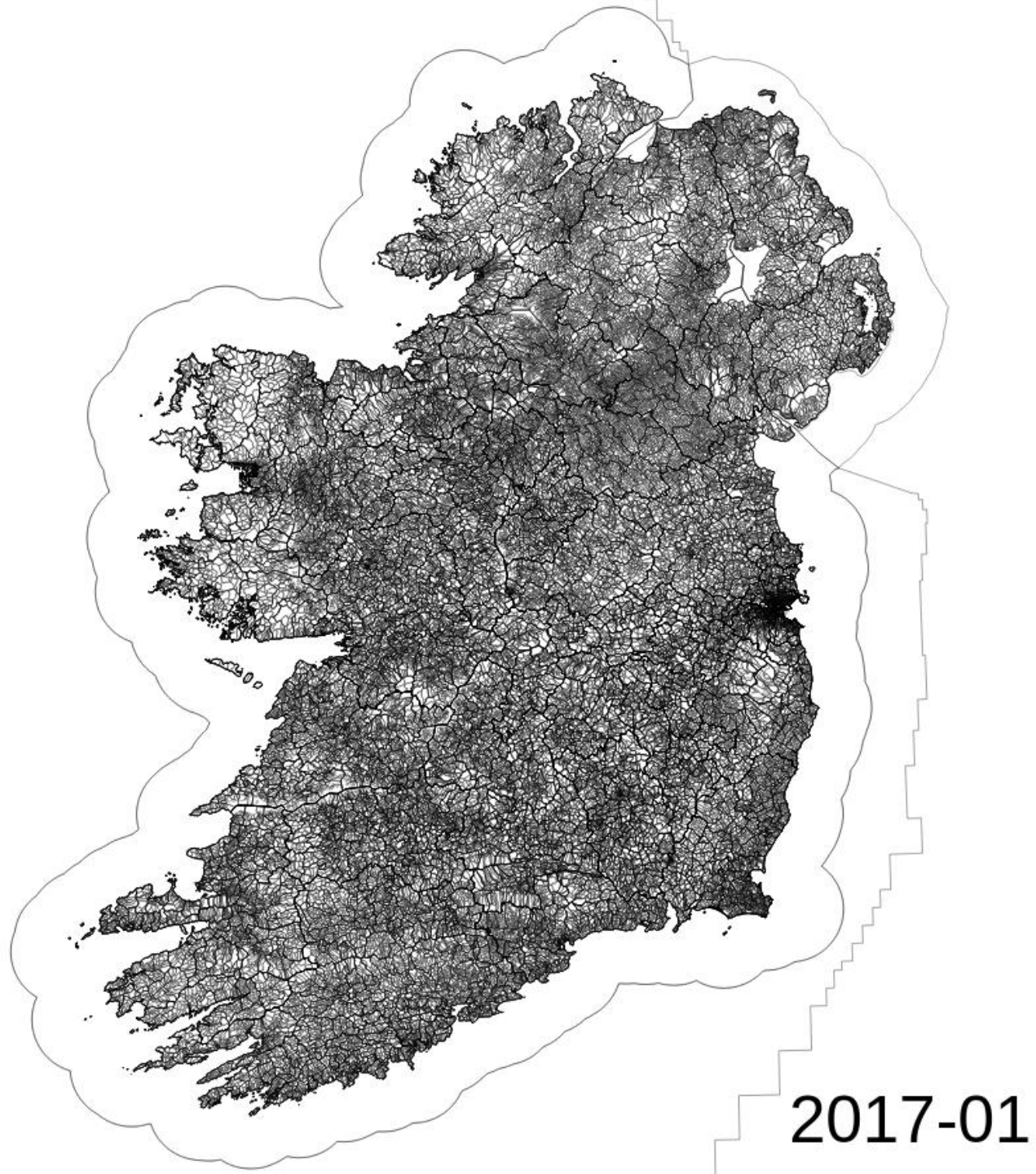


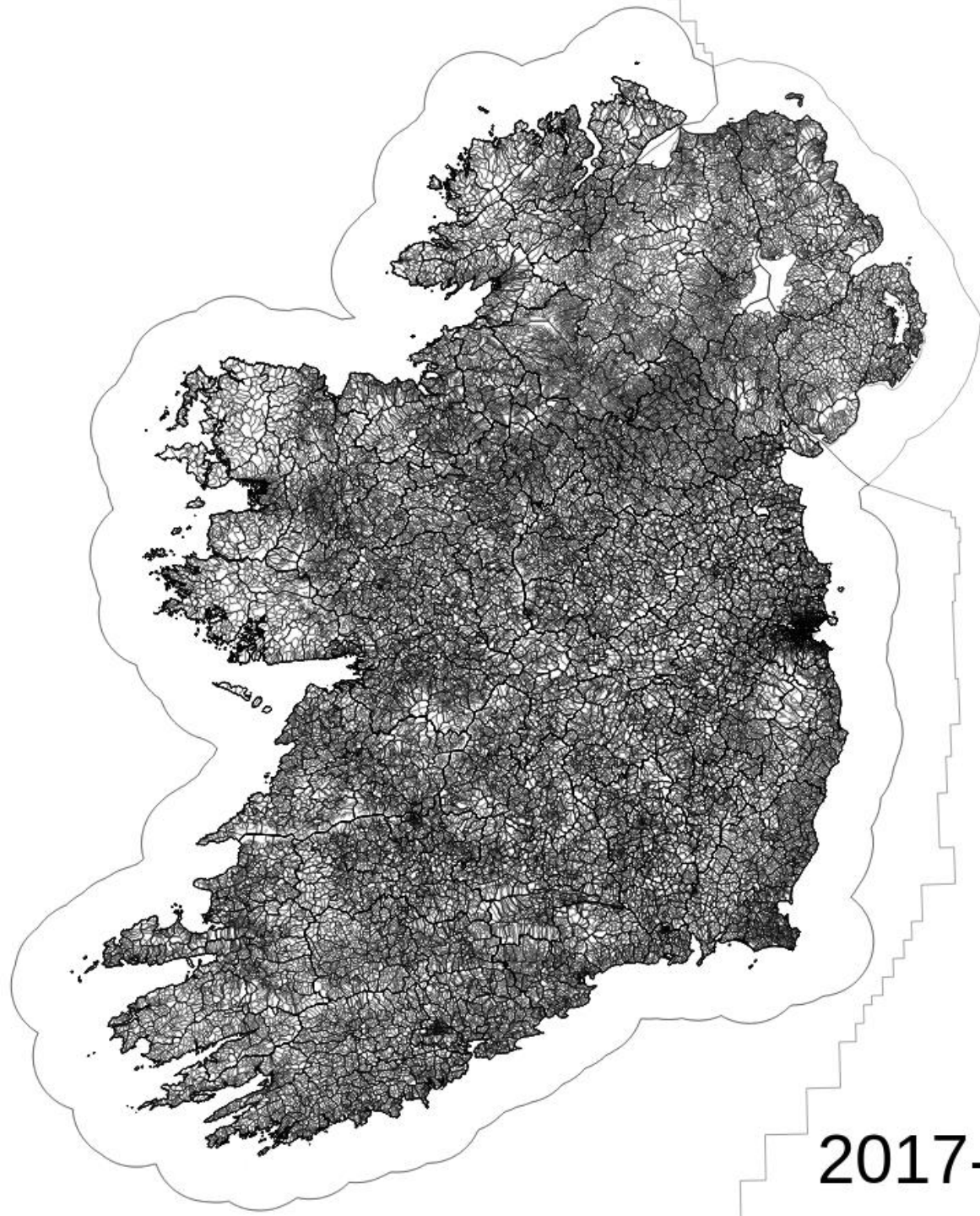


2016-05



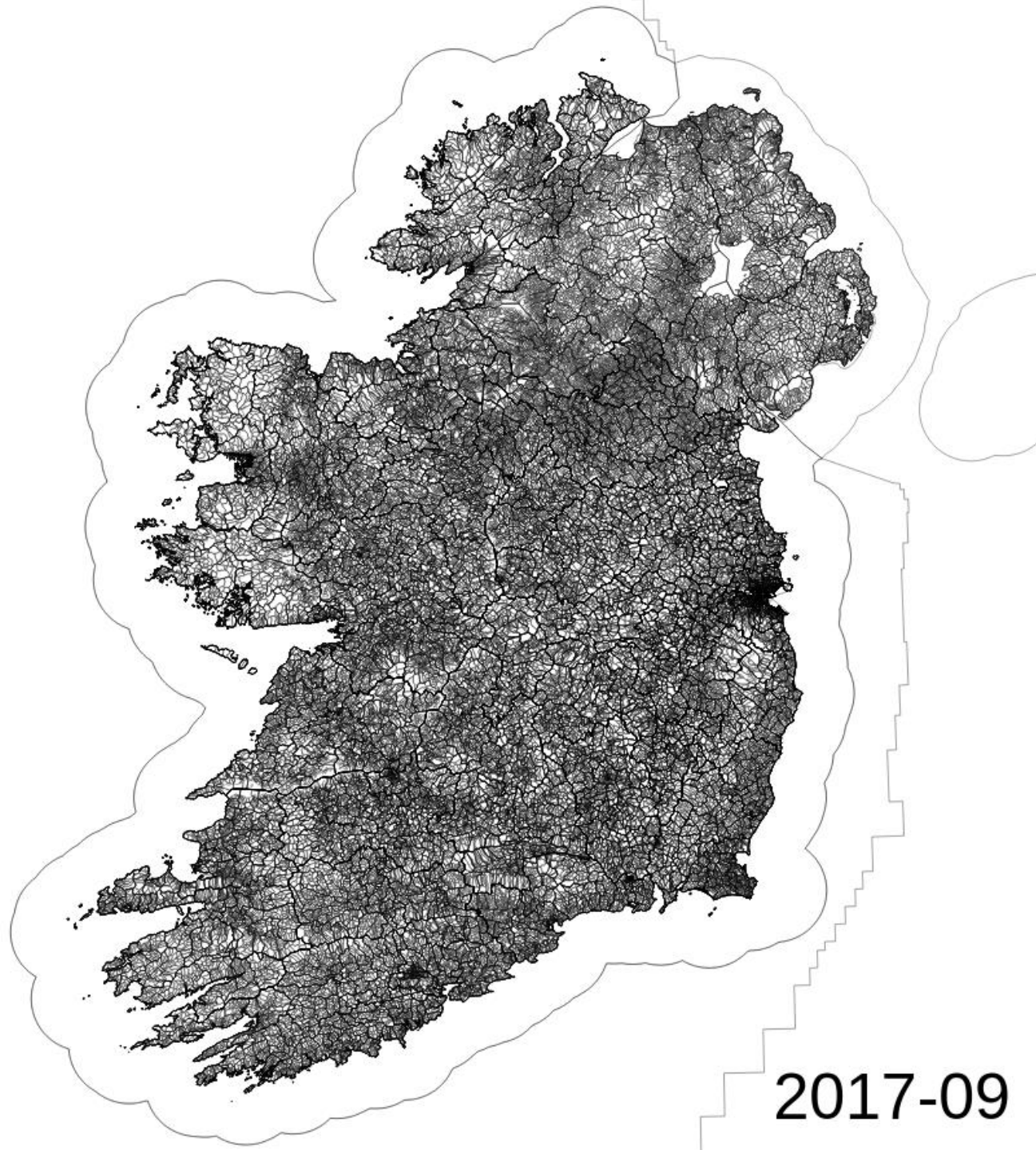
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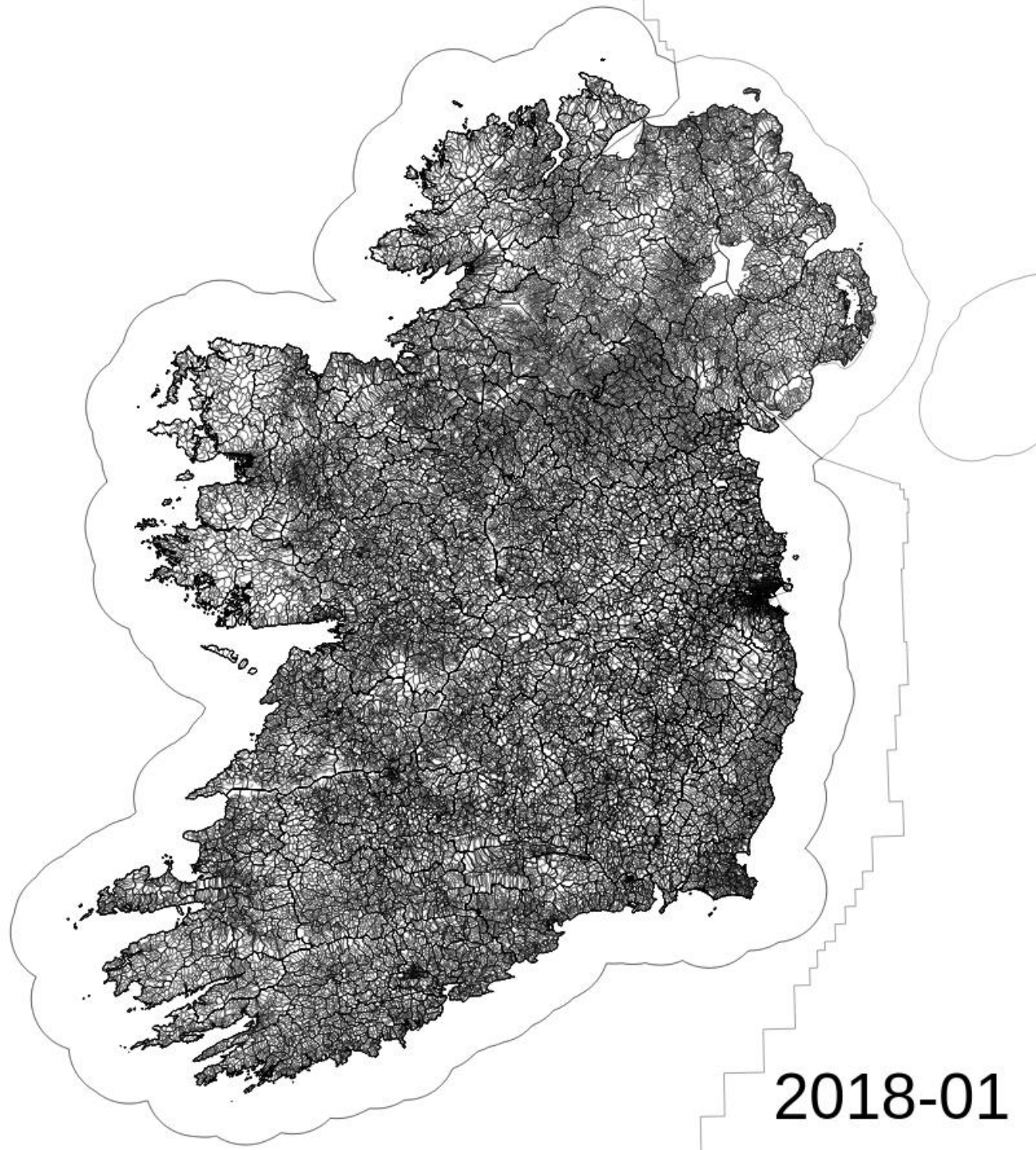


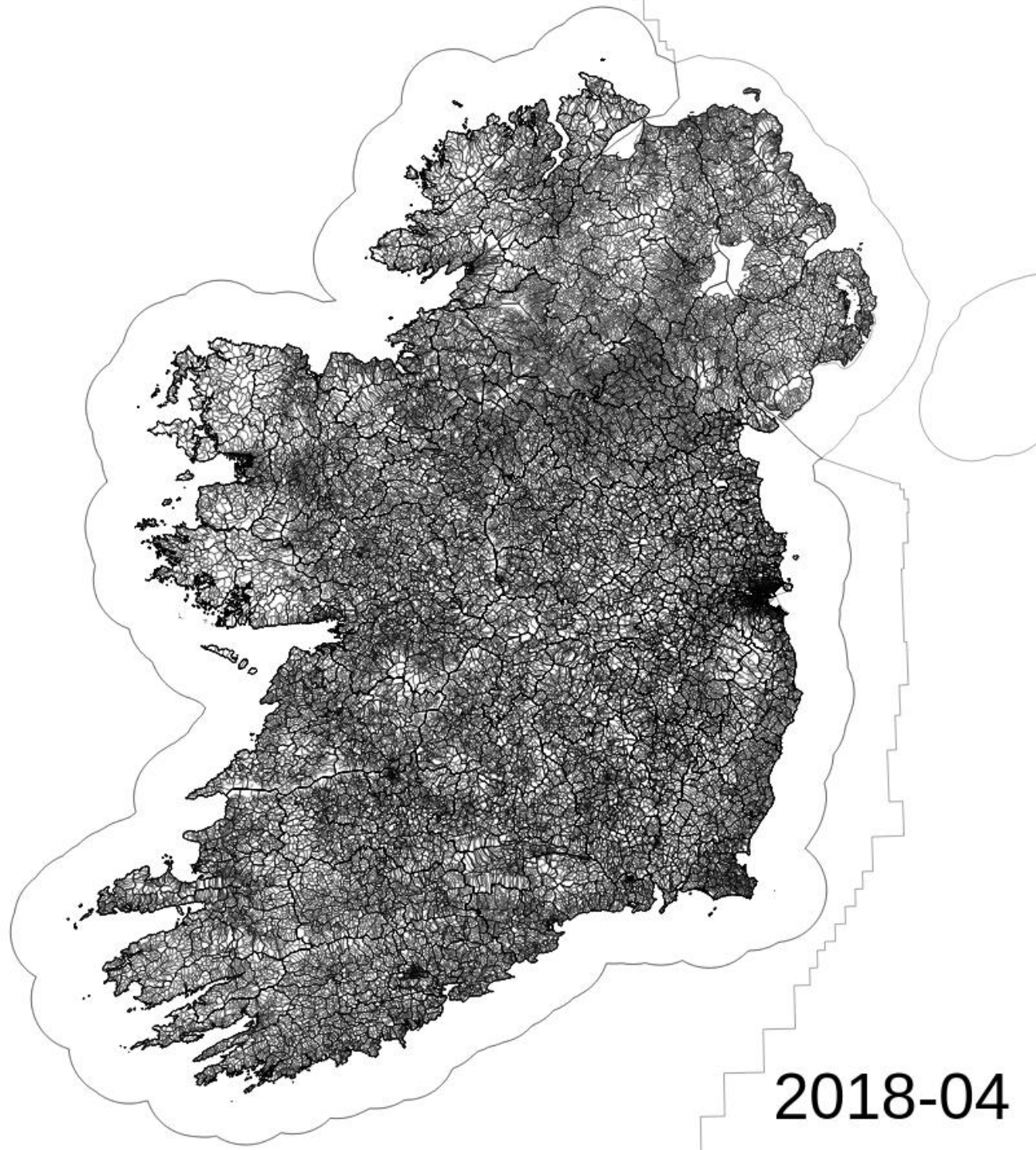


2017-05



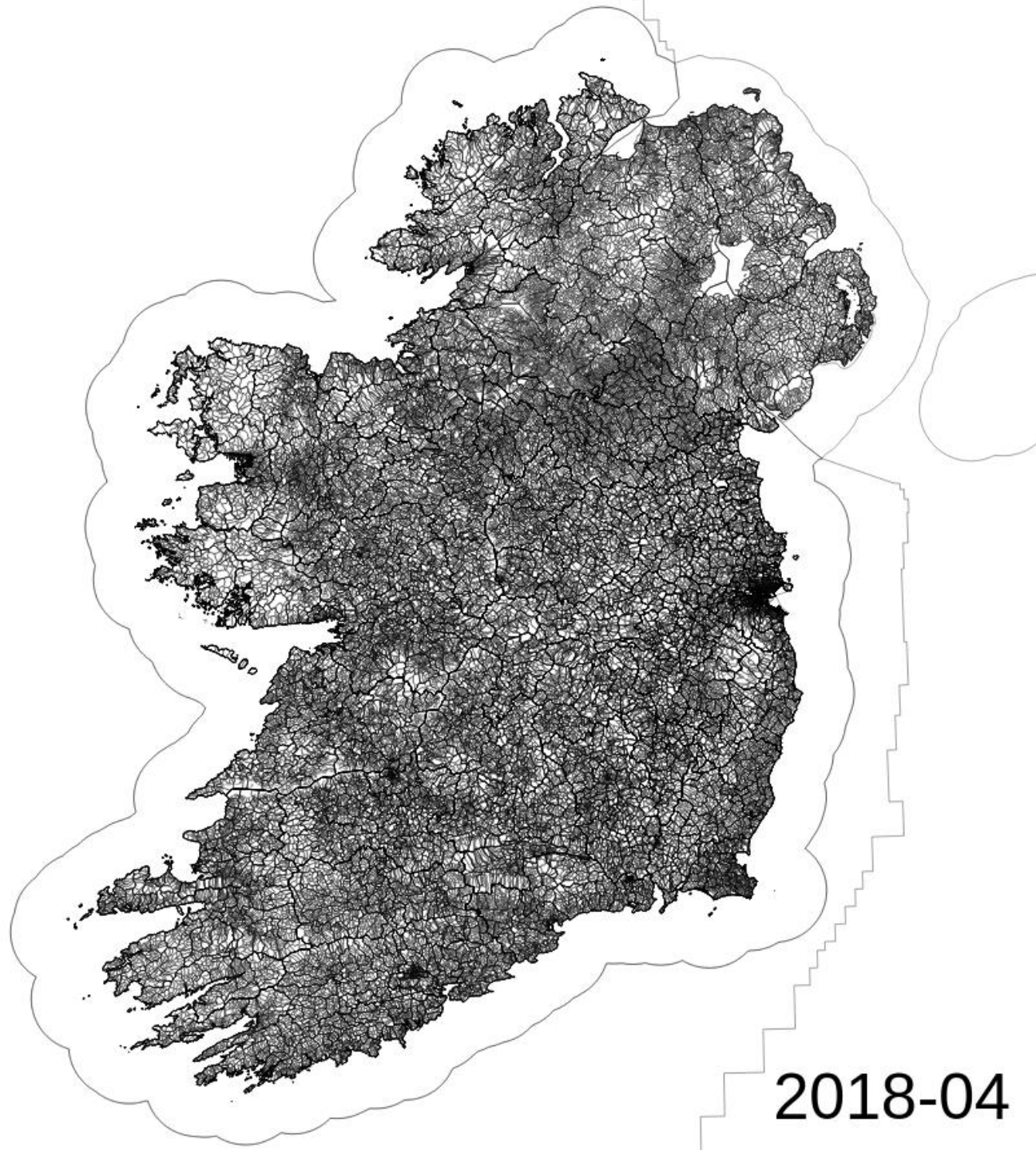






2018-04



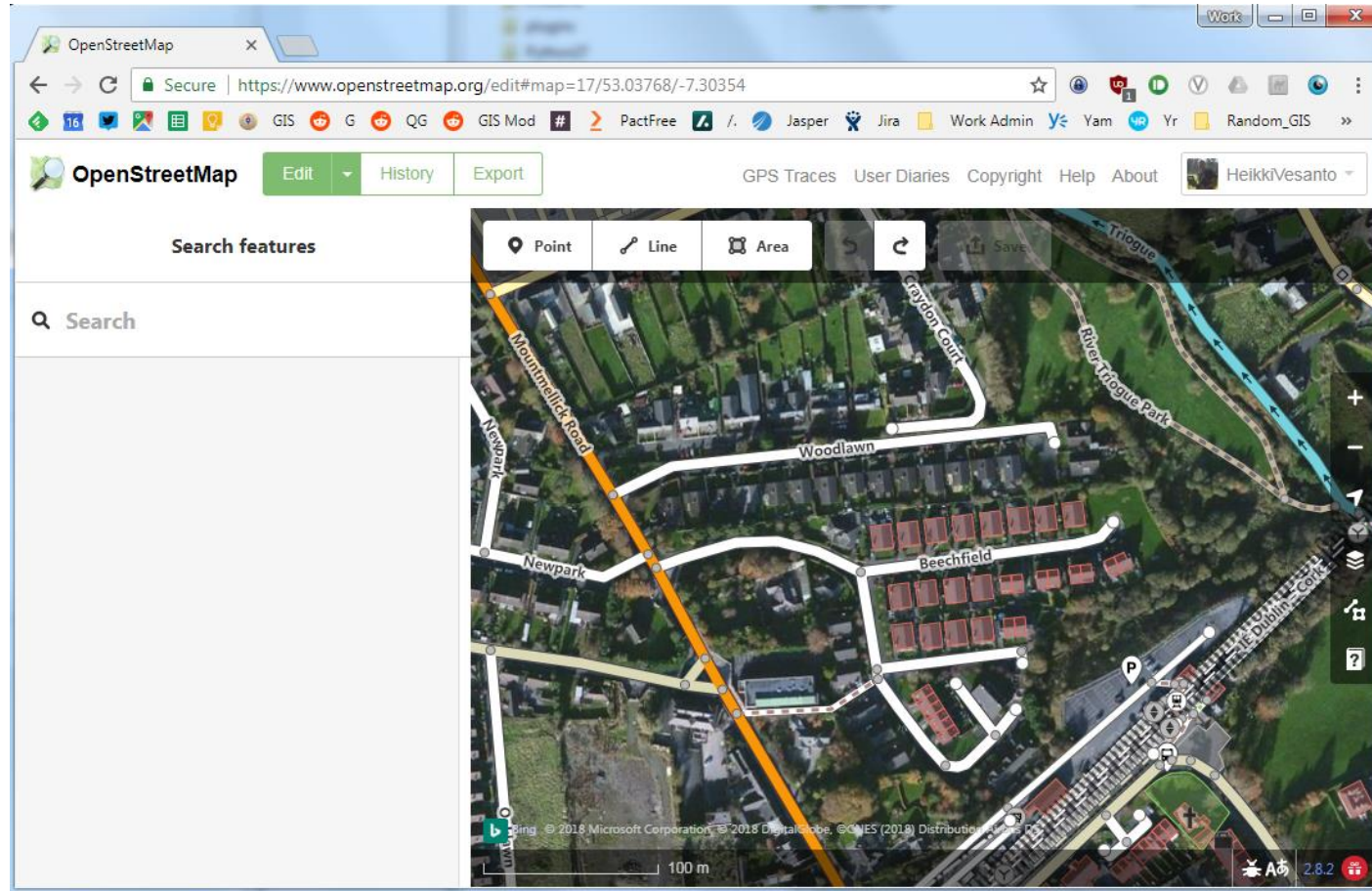


2018-04

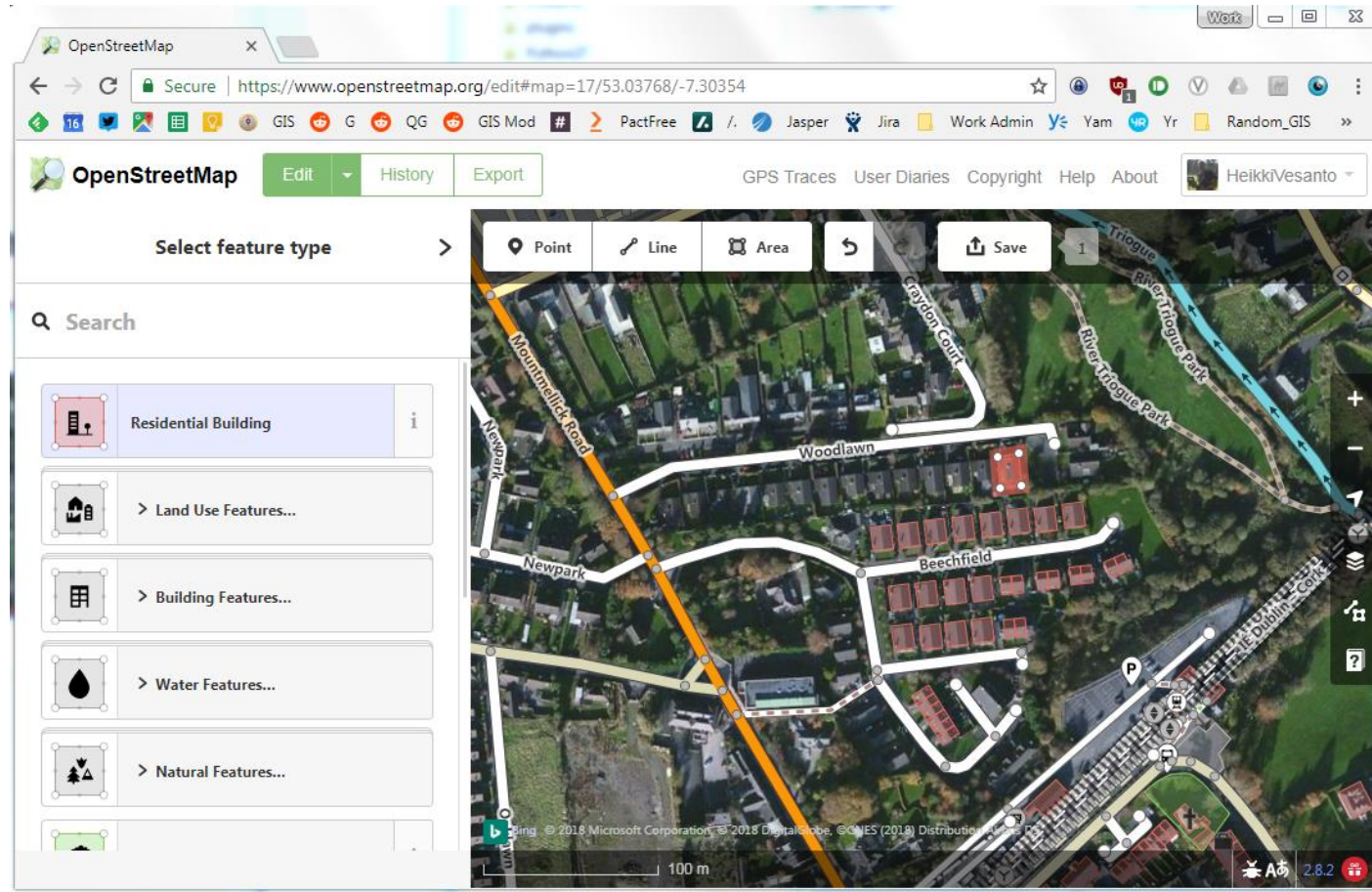
# Get Involved Editing OpenStreetMap

- Could not be easier
- iD editor at [OpenStreetMap.org](https://OpenStreetMap.org)
  - In browser no install
  - One of the most intuitive GIS editors.

# Get Involved Editing OpenStreetMap

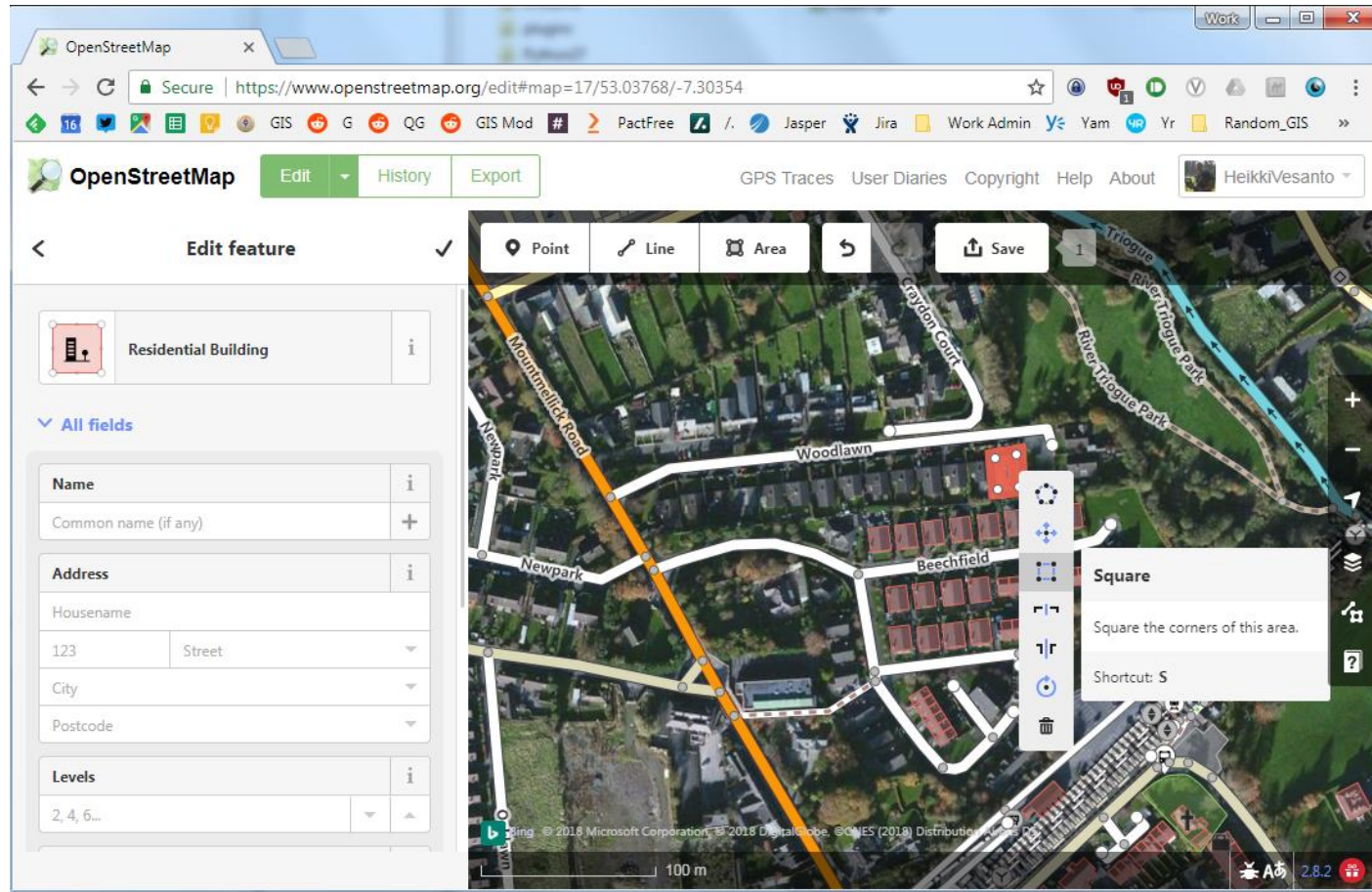


# OpenStreetMap Editing

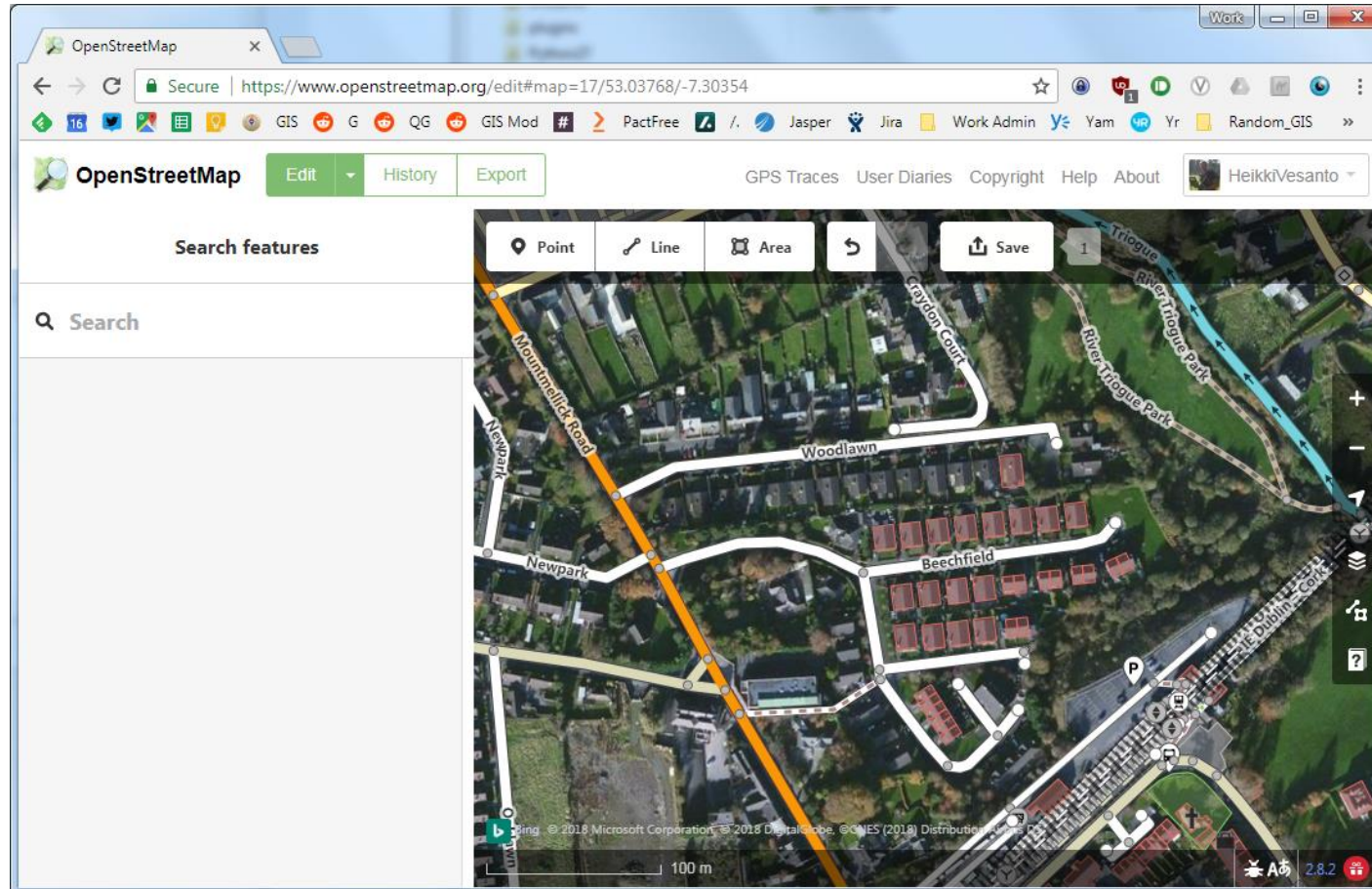




# OpenStreetMap Editing



# OpenStreetMap Editing



# OpenStreetMap Editing

- JOSM
  - Desktop based
  - 140 plugins
    - Mapillary
    - OpenStreetCam
  - Advanced users

# OpenStreetMap Usage

- Very versatile
- Routing
  - OSRM
  - GraphHopper
  - mapbox navigation
- Rendering - tiles
  - Mapnik
  - Countless examples
- Restrictions
  - You are free to copy, distribute, transmit and adapt our data, as long as you credit OpenStreetMap and its contributors. If you alter or build upon our data, you may distribute the result only under the same licence.



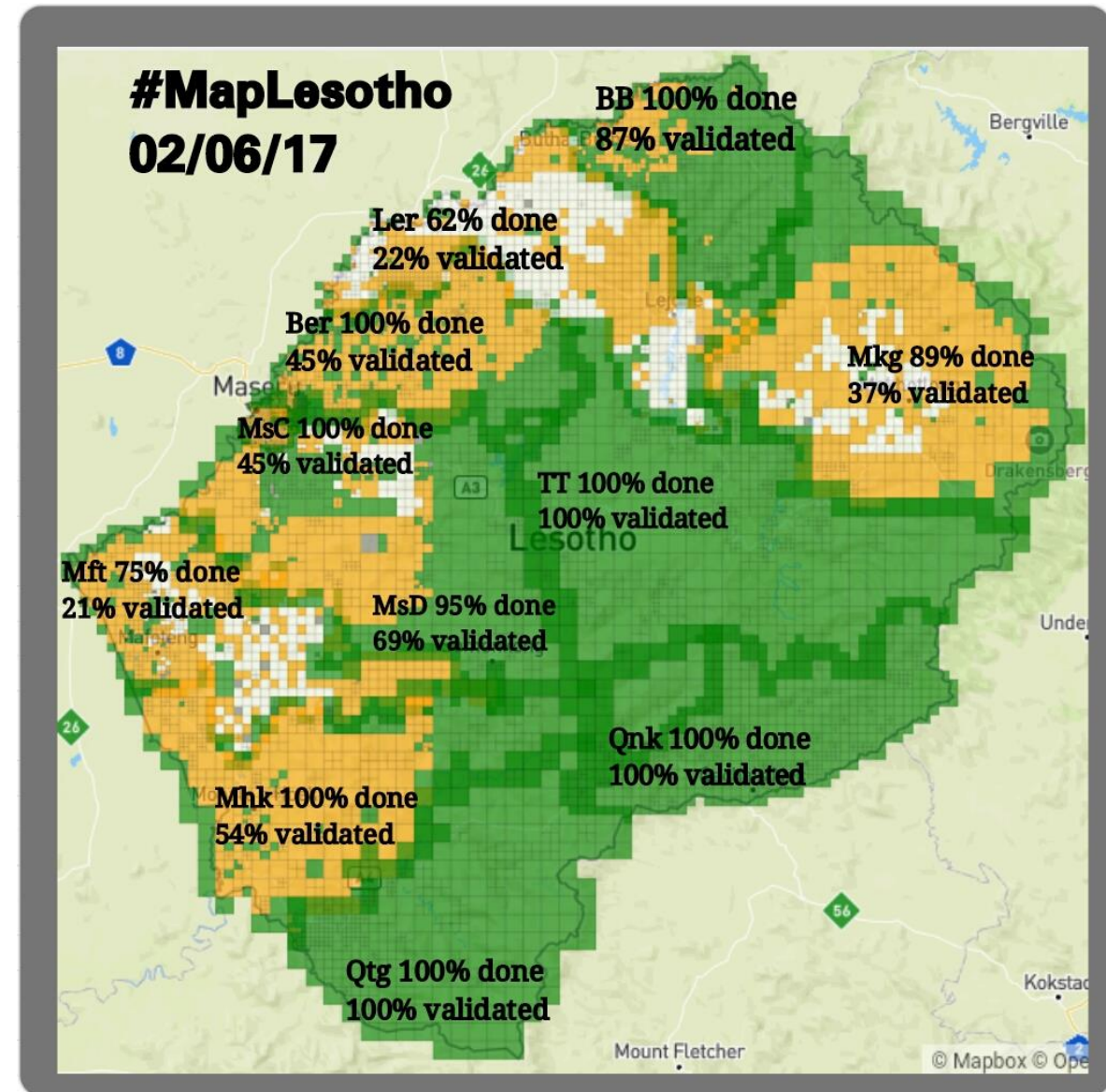
# OpenStreetMap Usage

- Humanitarian
  - HOTOSM
  - Missing Maps
  - MapLesotho
    - Started in Fingal
    - Schools in Ireland participating
    - On the ground verification

# OpenStreetMap Usage

- Humanitarian
  - HOTOSM
  - Missing Maps
  - MapLesotho

	Done	% Validated
Qacha's Nek	100	100
Quthing	100	100
Thaba Tseka	100	100
Butha-Buthe	100	87
Mohale's Hoek	100	54
Berea	100	45
Maseru City	100	45
Maseru District	95	69
Mokhotlong	89	37
Mafeteng	75	21
Leribe	62	22
	92.8	61.8



# OpenStreetMap Ireland

- Company formation
- Legal entity
- Local chapter of the OpenStreetMap foundation
- Currently in progress, constitution drafted, initial board selected, final stages of formation

# OpenStreetMap Ireland Objectives

- Increase the quality and quantity of data about Ireland in OpenStreetMap
- Improve and increase the size, skills, toolsets and cohesion of the OpenStreetMap community in Ireland
- Promote and facilitate the use of OpenStreetMap data by individuals and organisations in Ireland
- Promote and facilitate the release by organisations in Ireland of data that is suitable for use in OpenStreetMap

# OpenStreetMap Ireland Additional Obj.

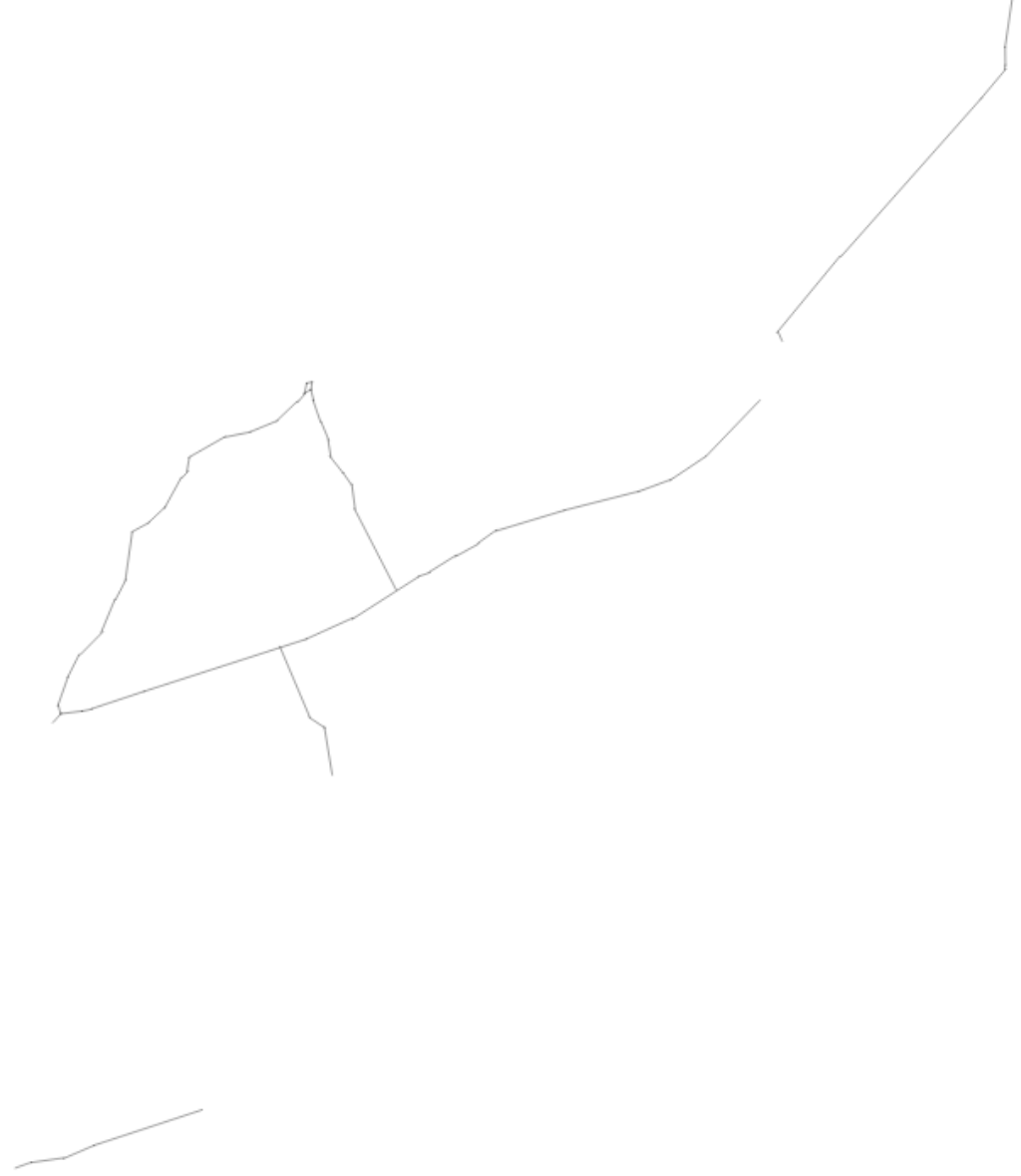
- Produce open and free geographic data
- Procure data from corporate entities, organisations and persons with a view of producing or generating open and free geographic data
- Produce, distribute and present educational material regarding open and free geographic data
- Foster the use of open source geospatial software

# OpenStreetMap Ireland Get Involved

- [OpenStreetMap.ie/contact/](https://openstreetmap.ie/contact/)
  - Twitter: @osm\_ie
  - Facebook
  - Mailing list
  - Talk to me @HeikkiVesanto
- 
- Welcome all

# Port Laoise on the map

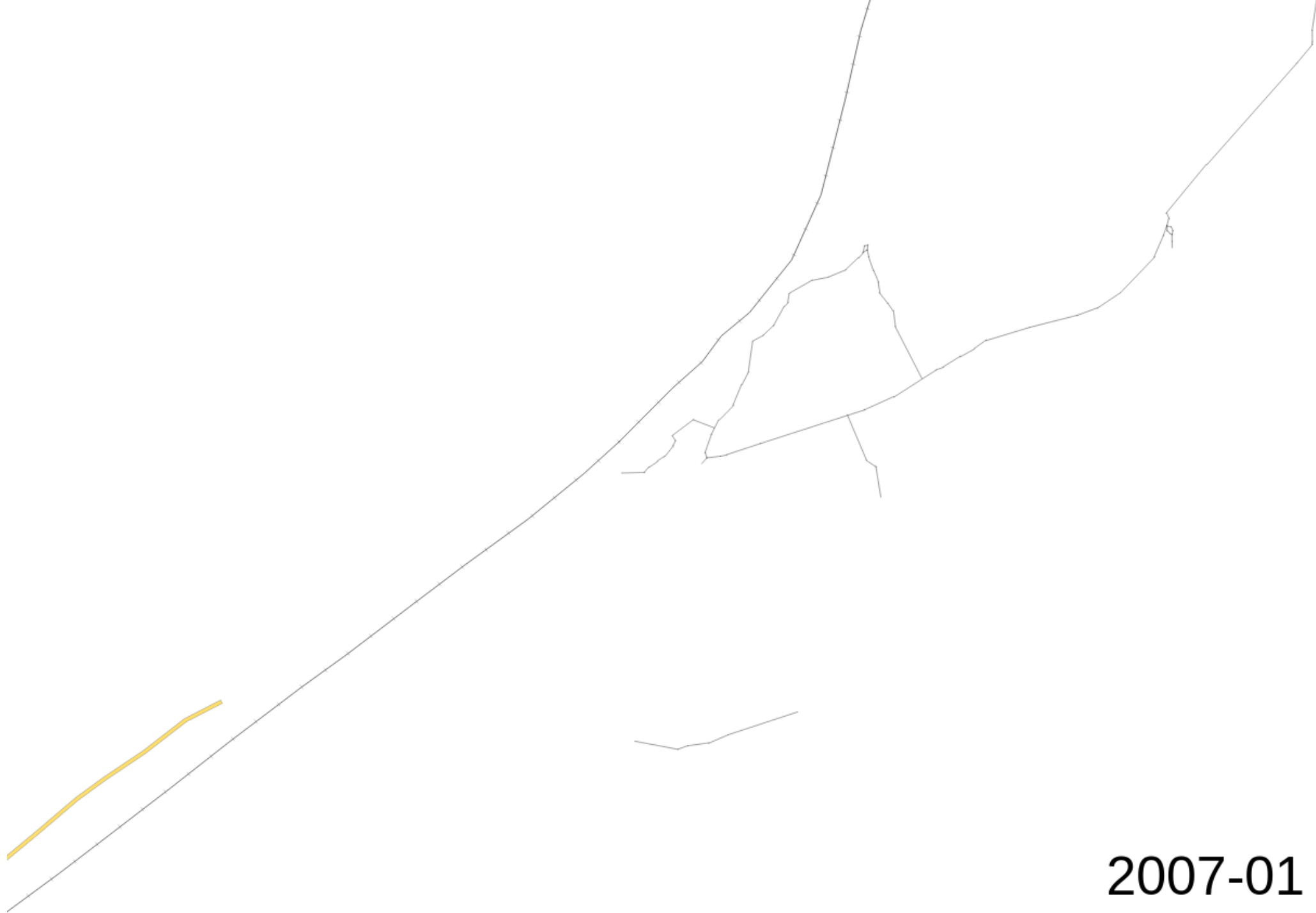




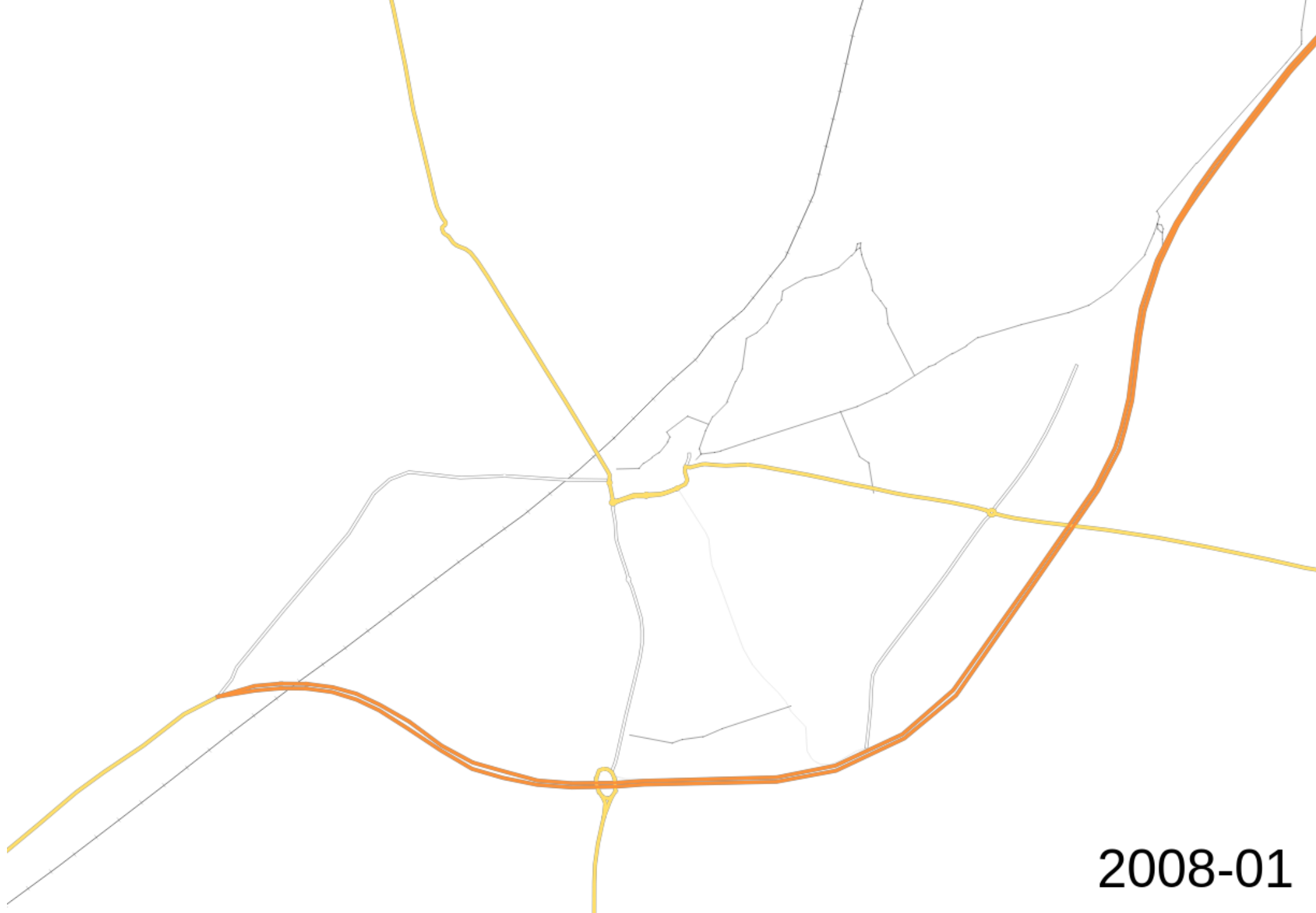
2006-01



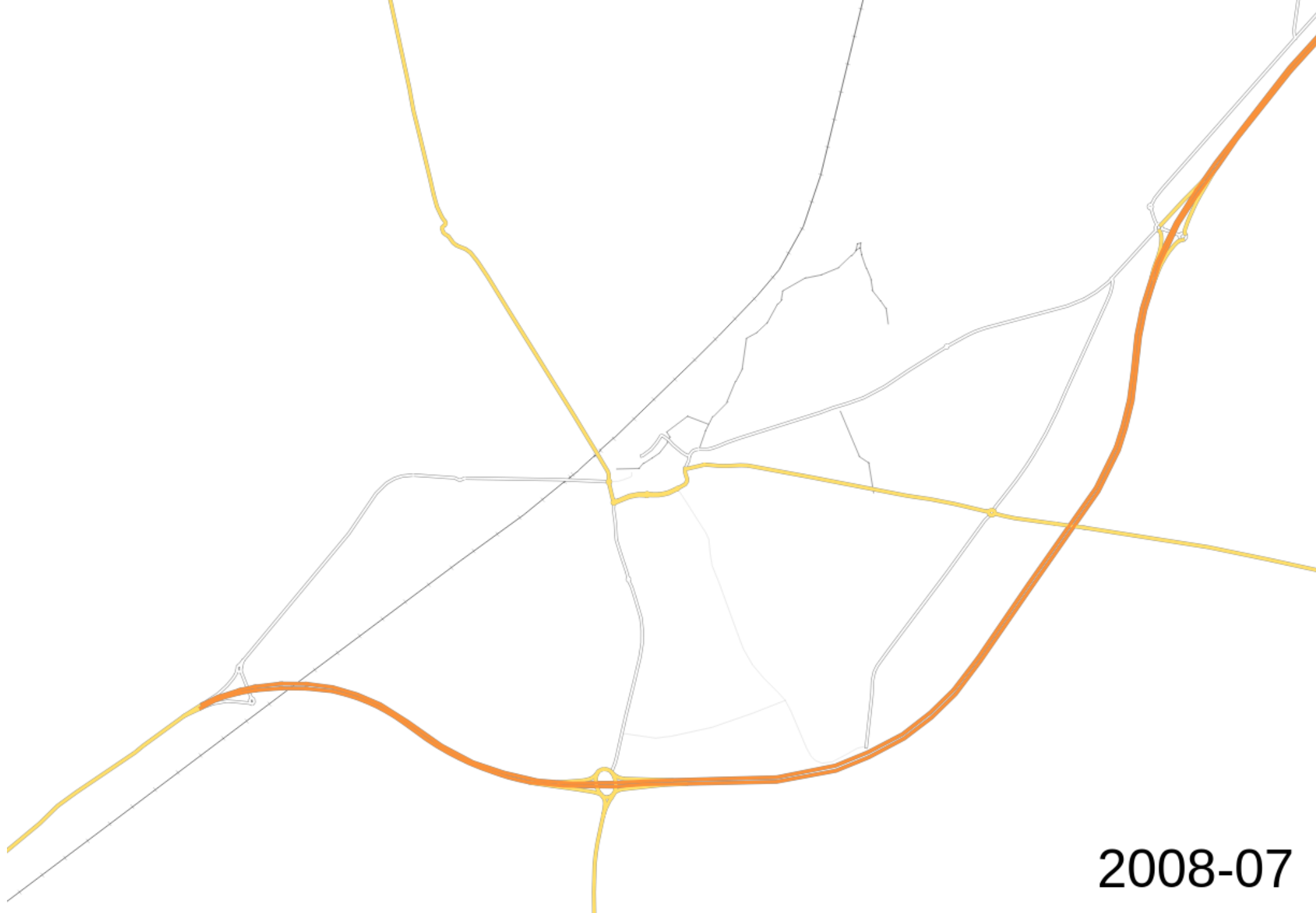
2006-07







2008-01



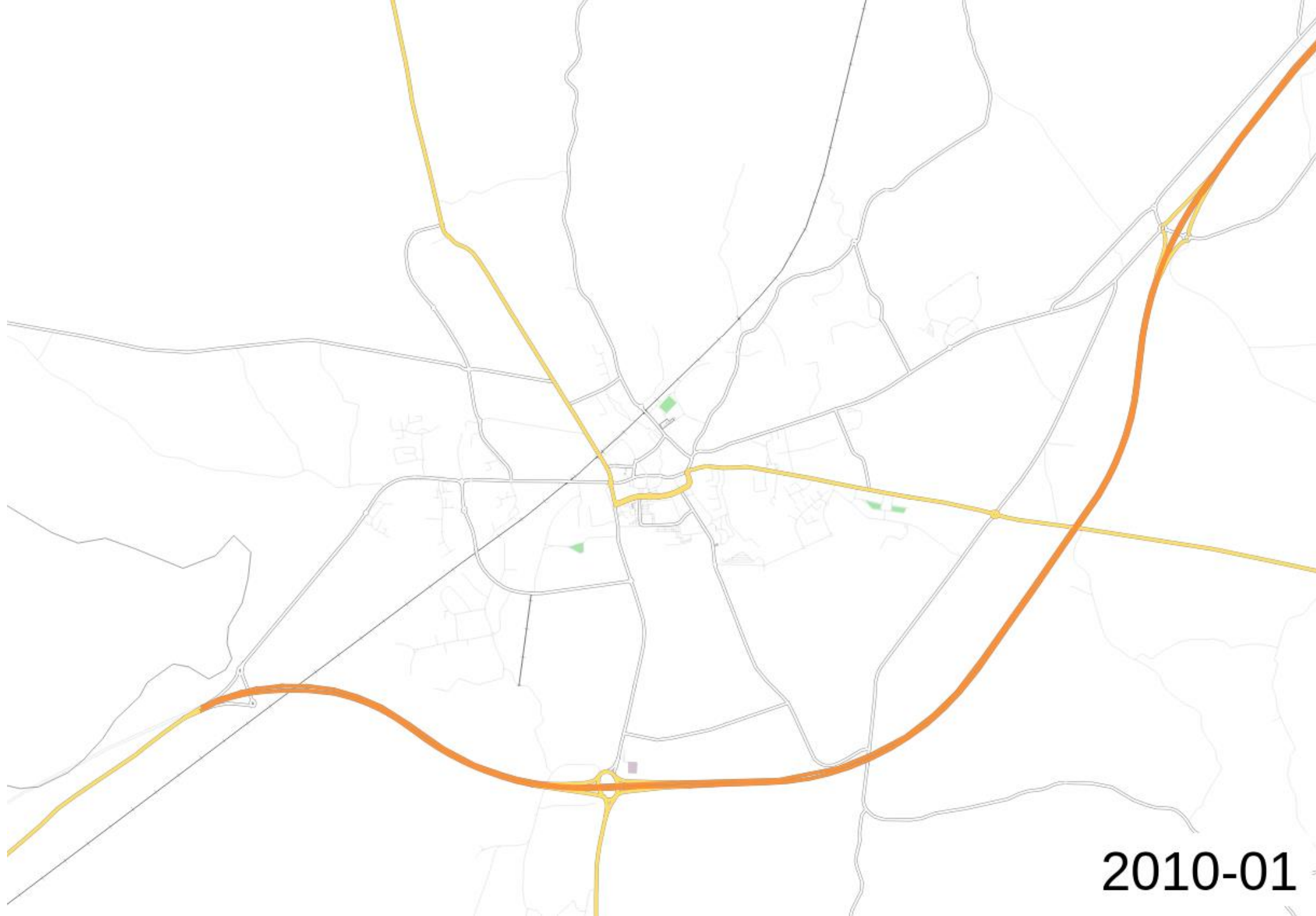
2008-07



2009-01





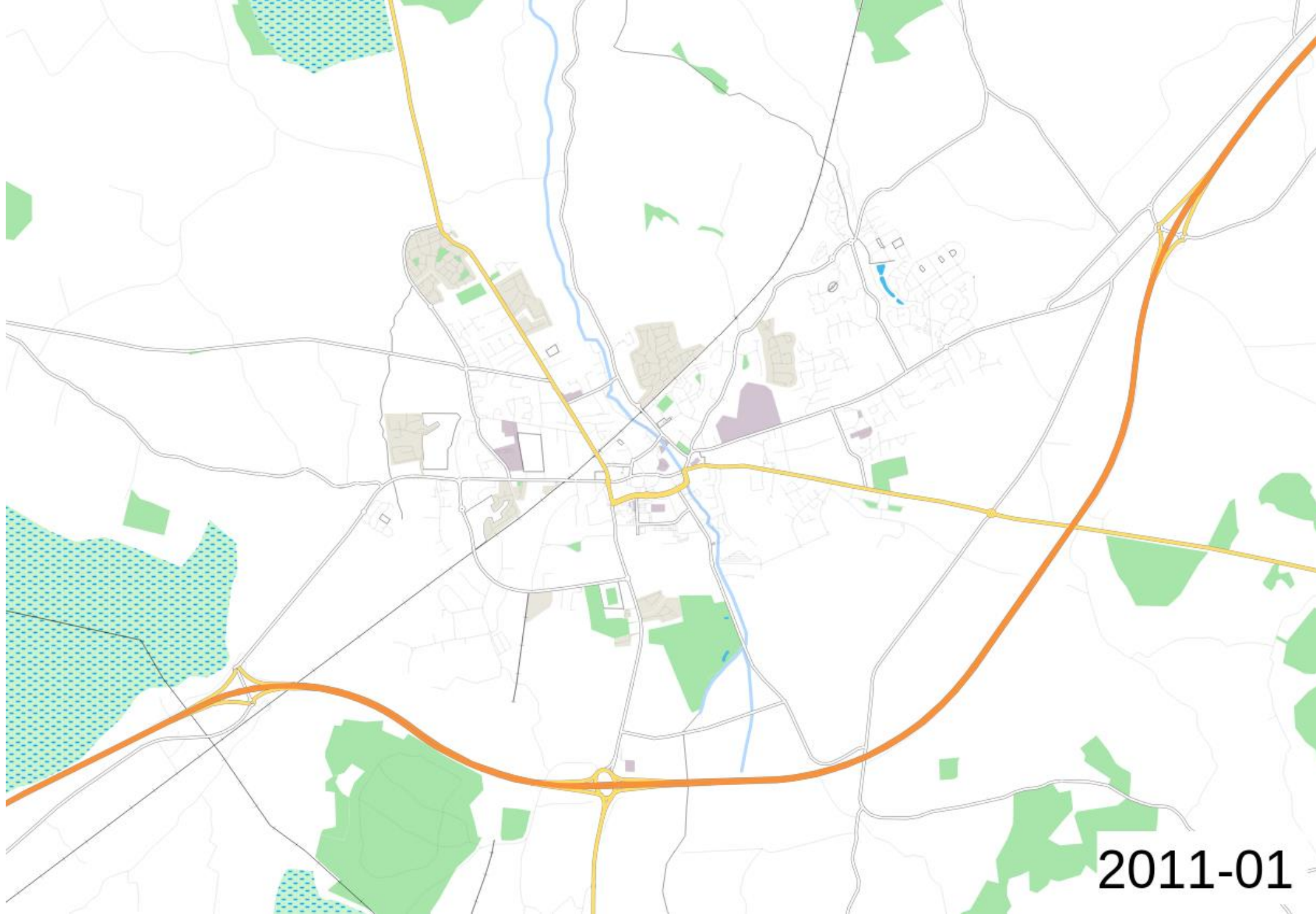


2010-01

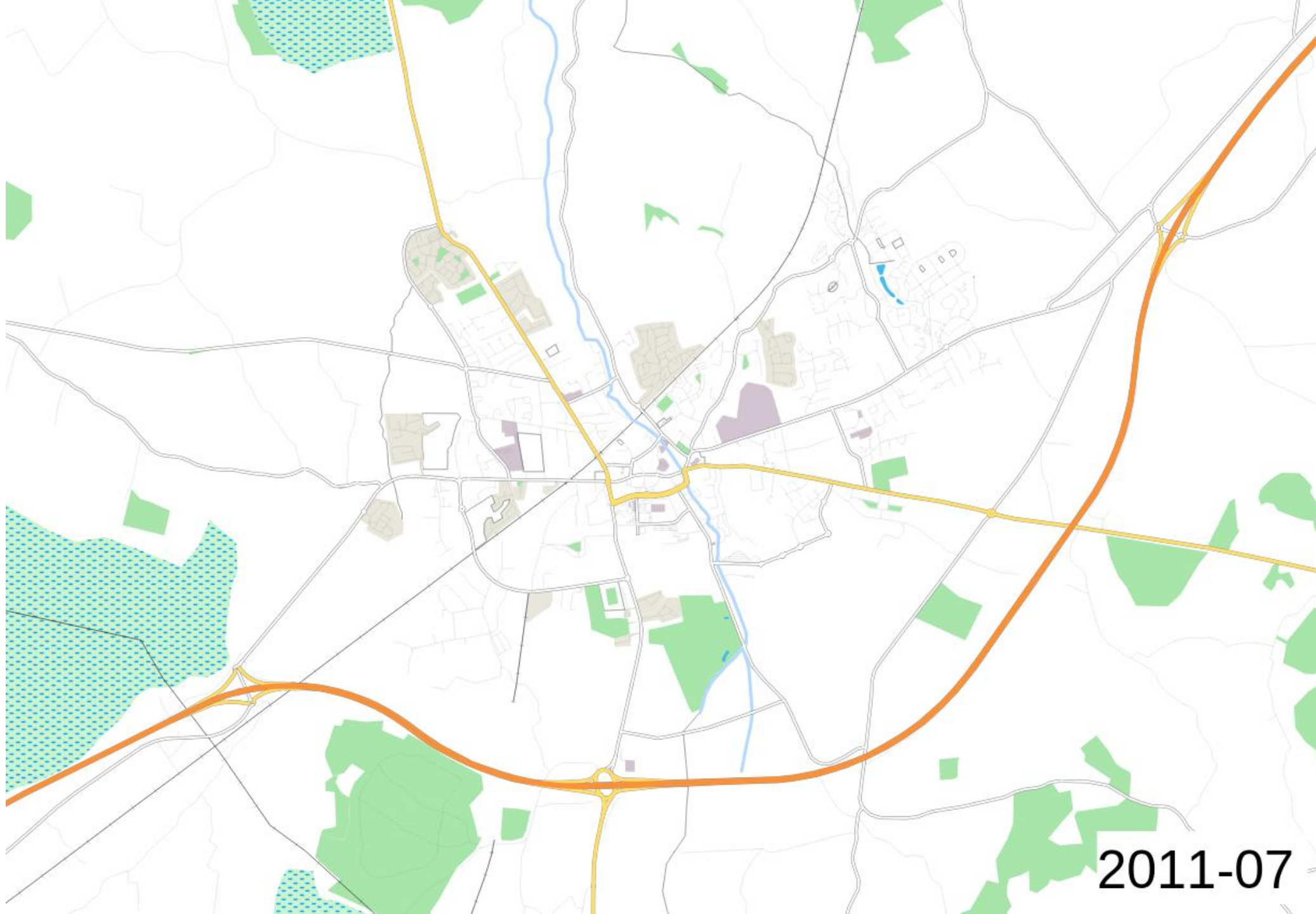


2010-07



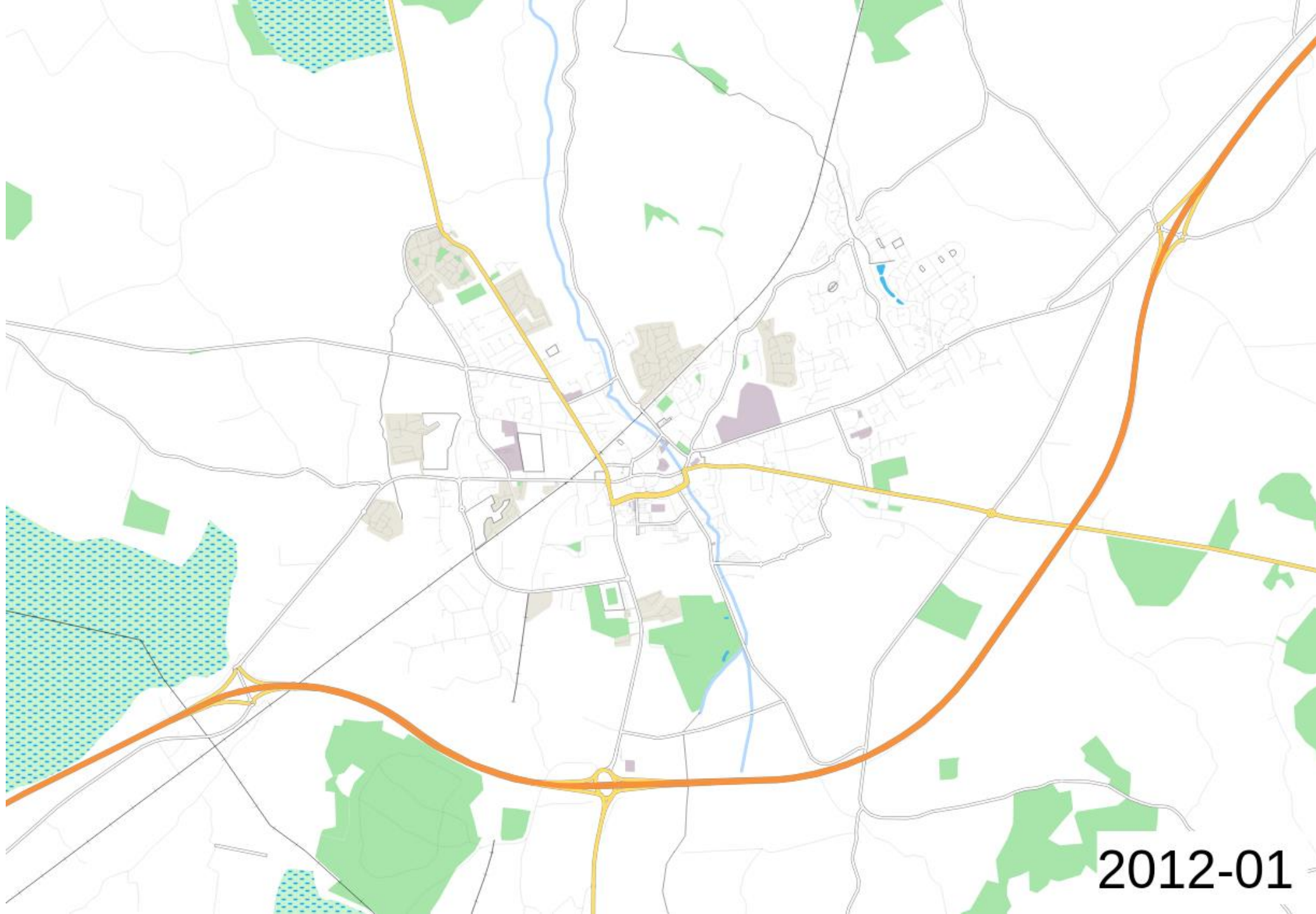


2011-01

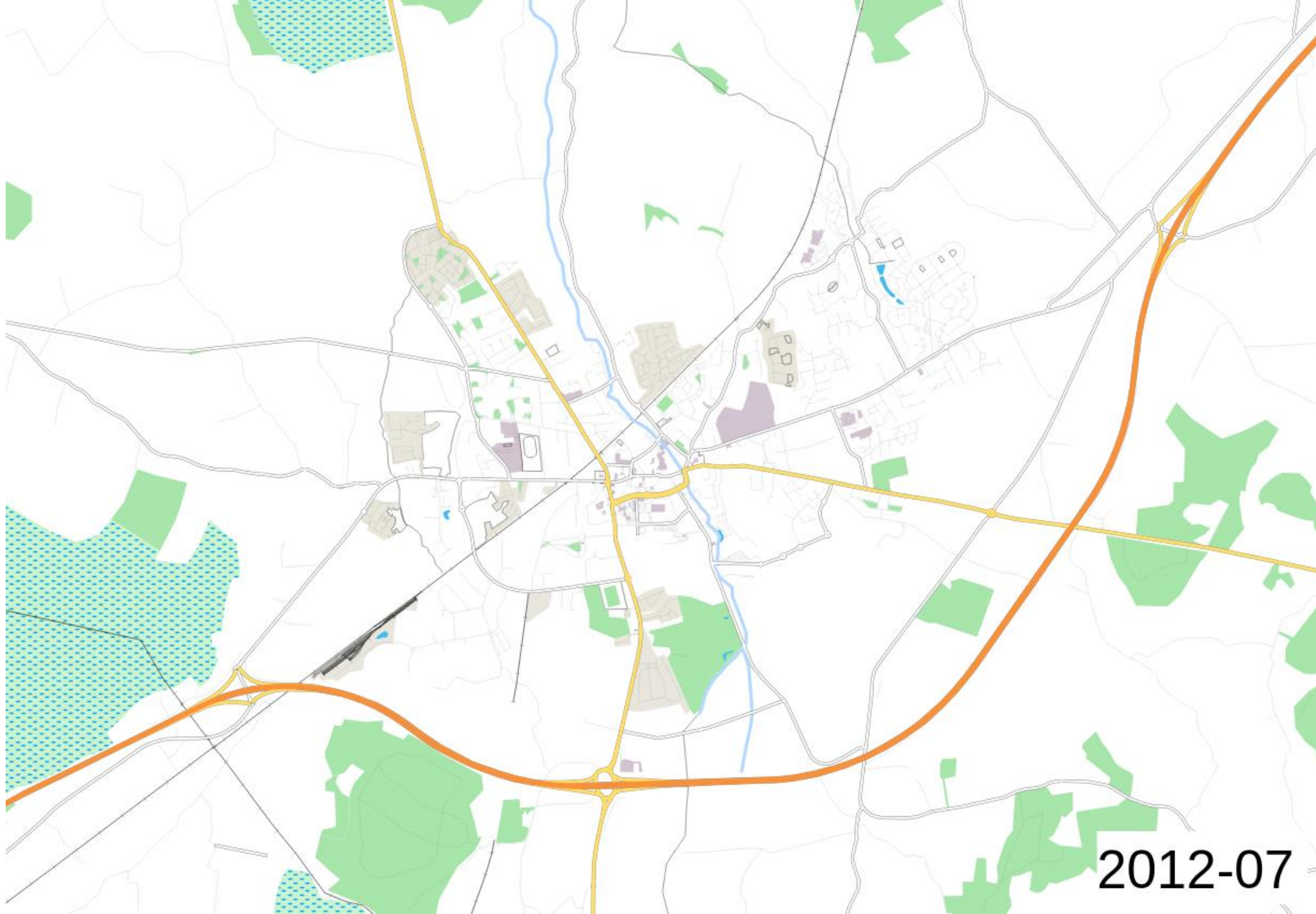


2011-07



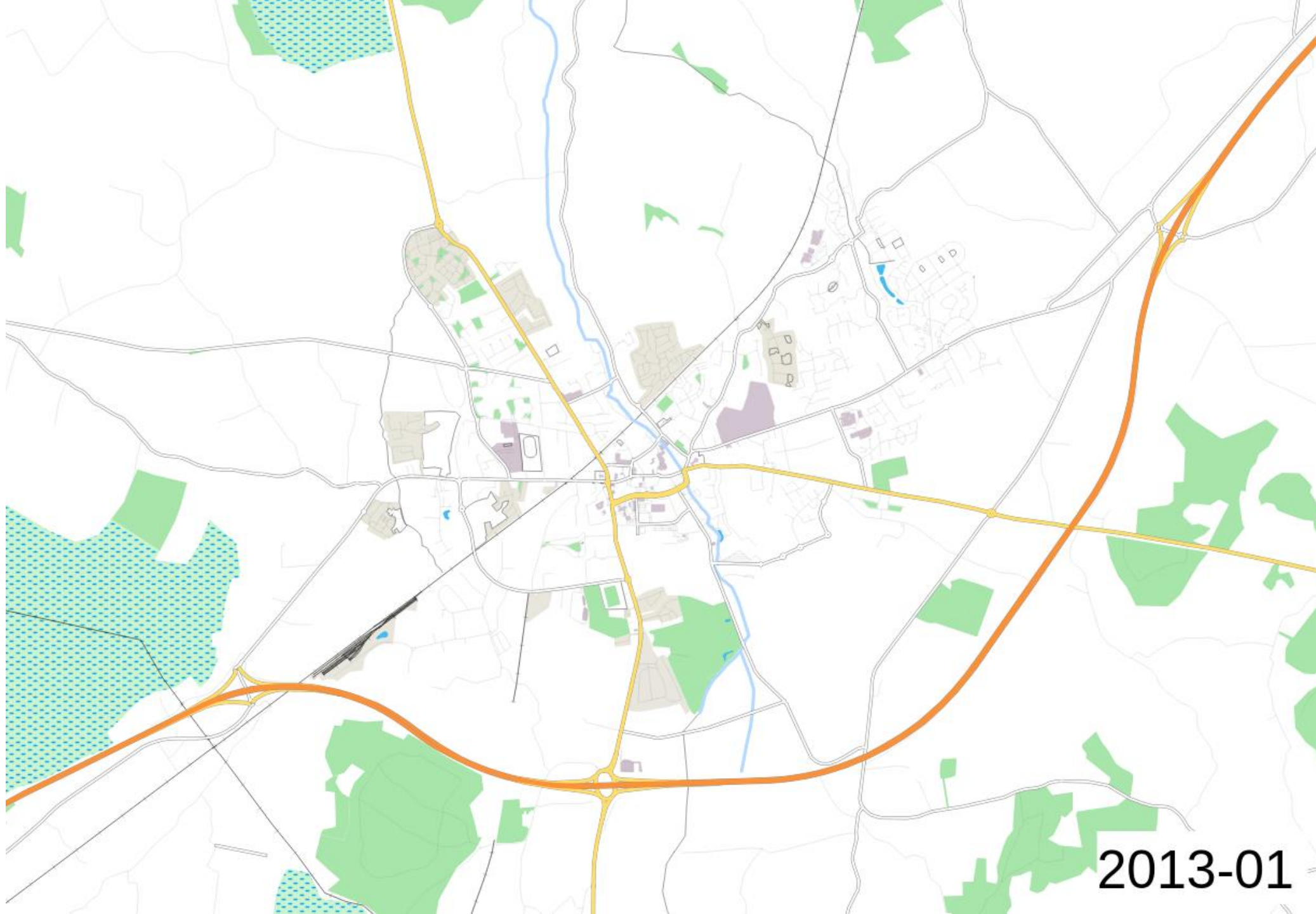


2012-01

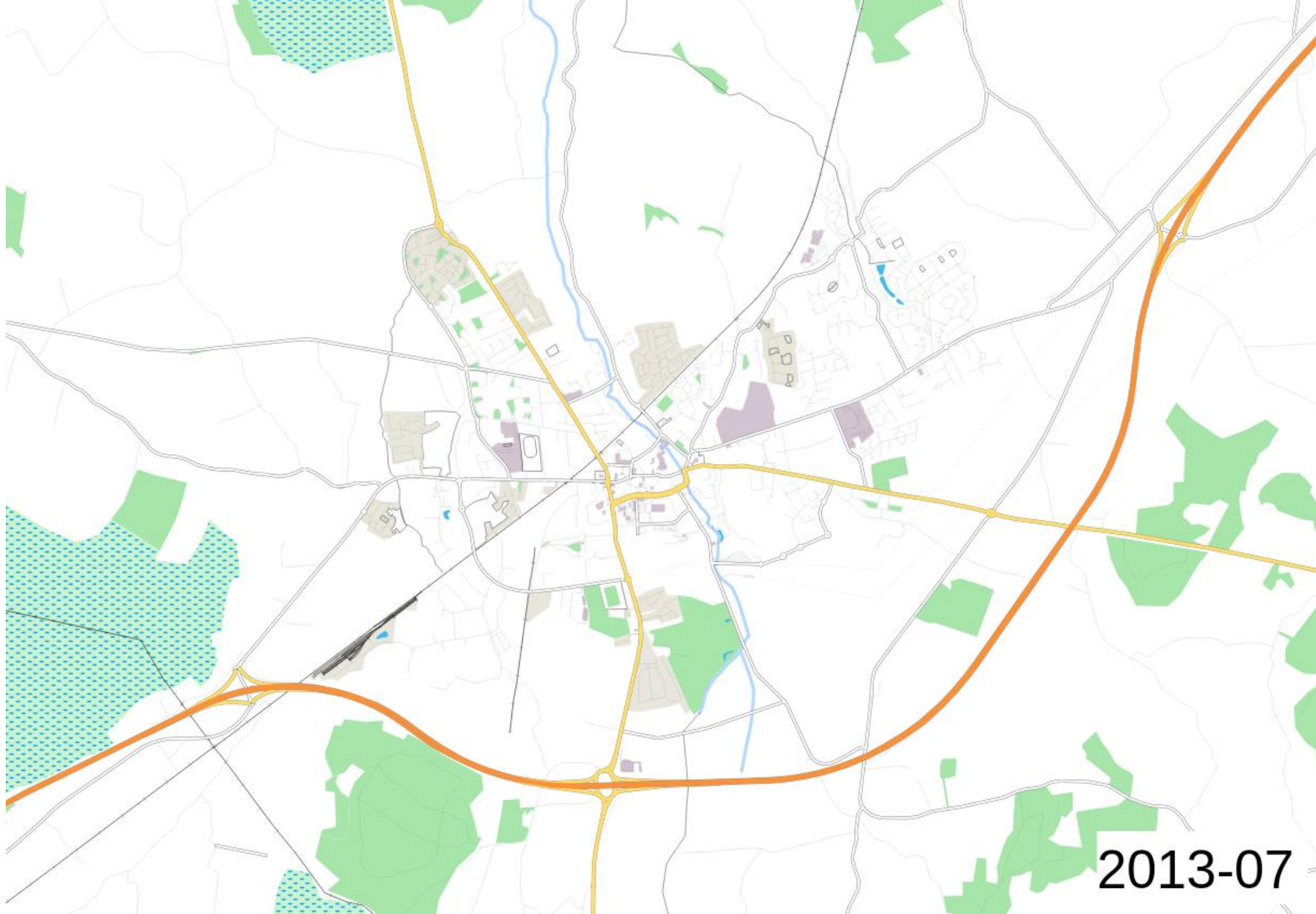


2012-07



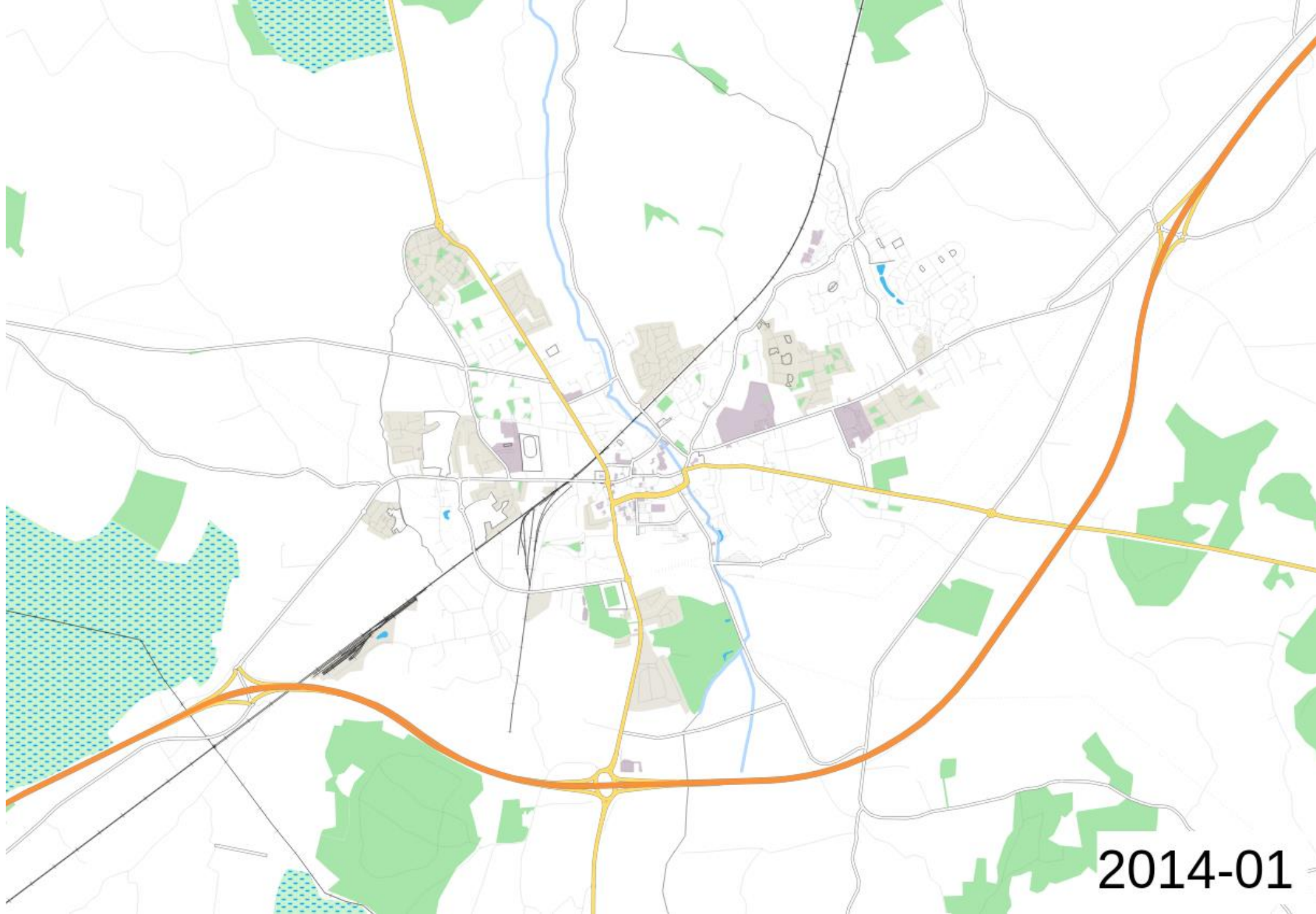


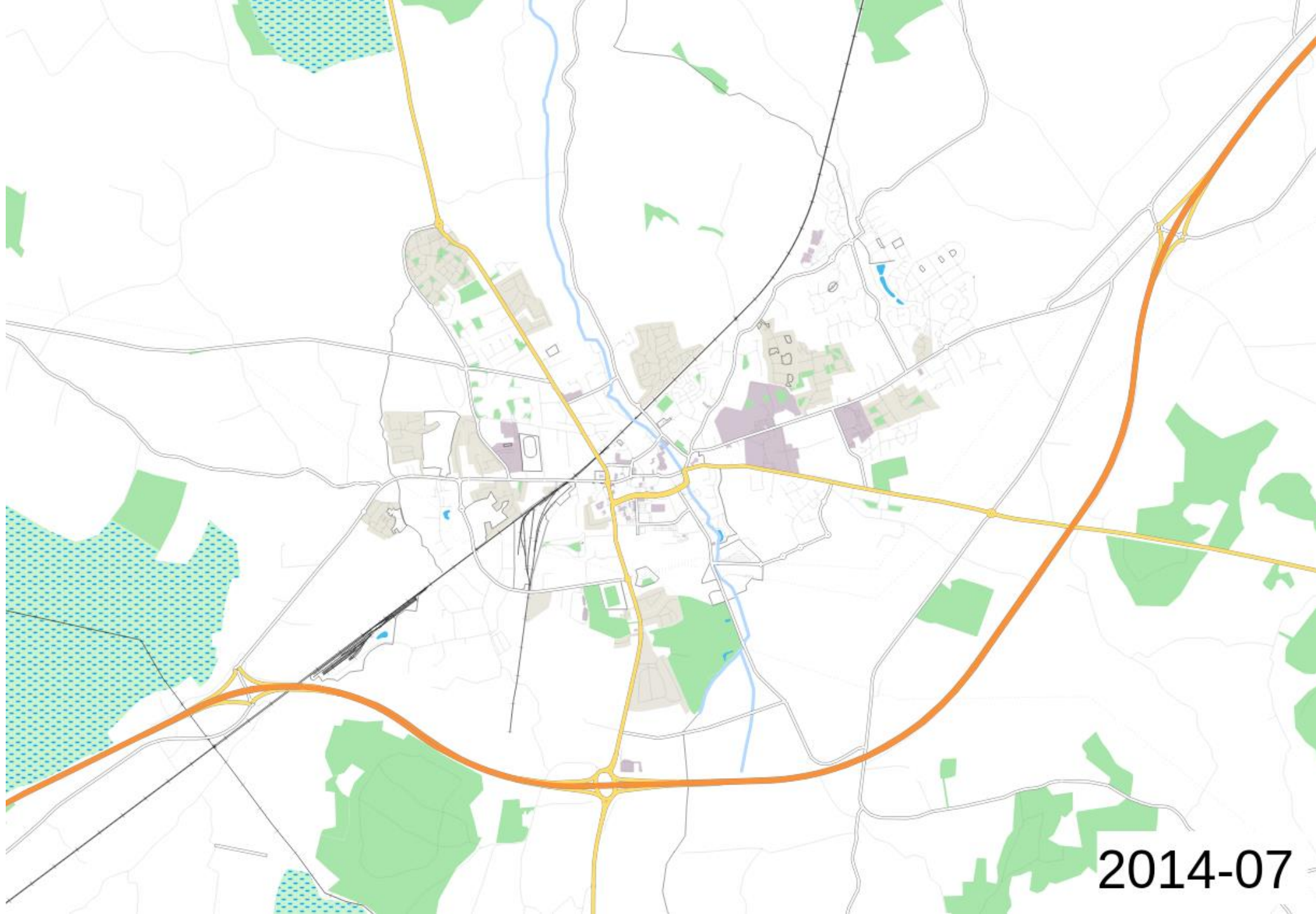
2013-01



2013-07

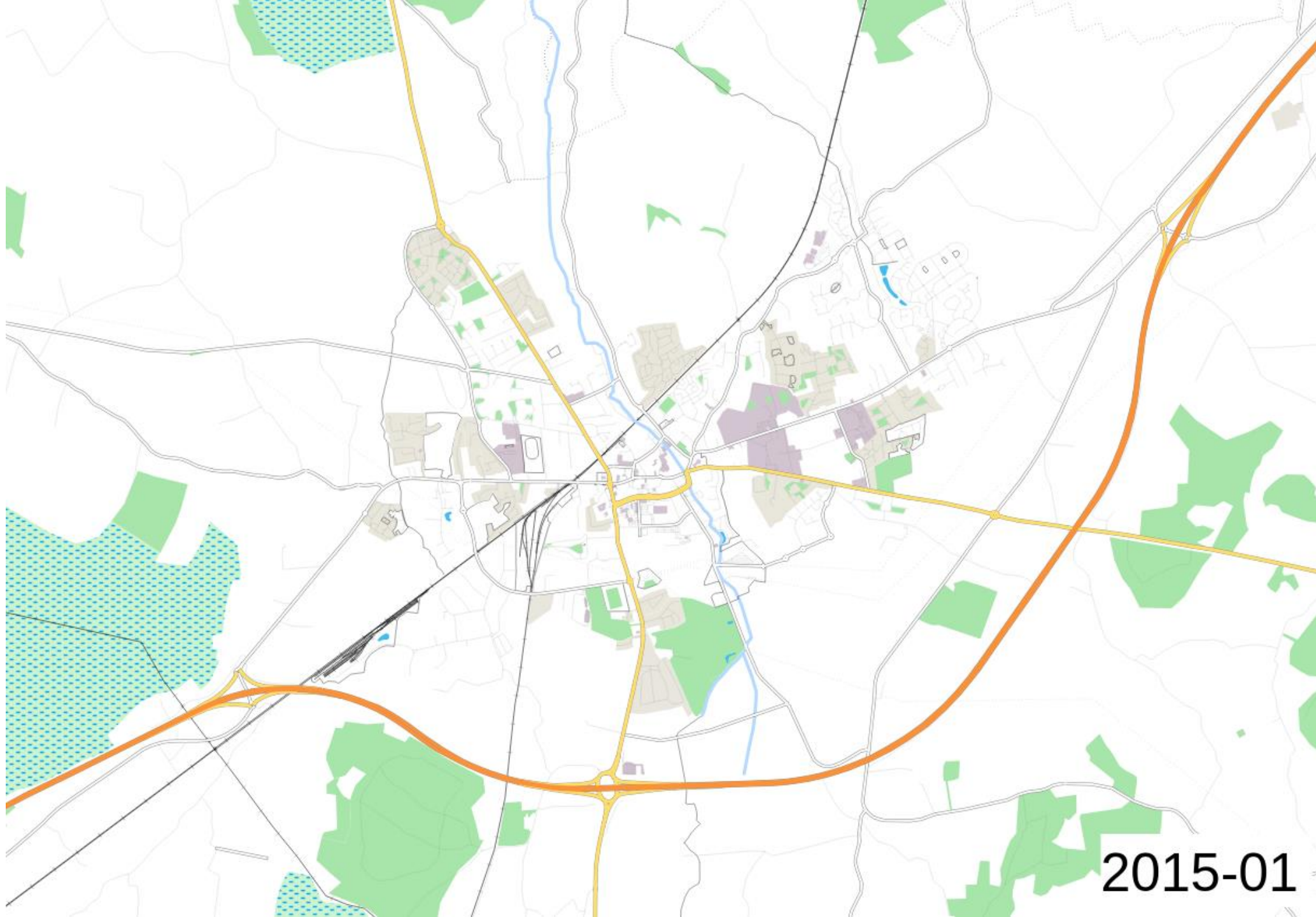




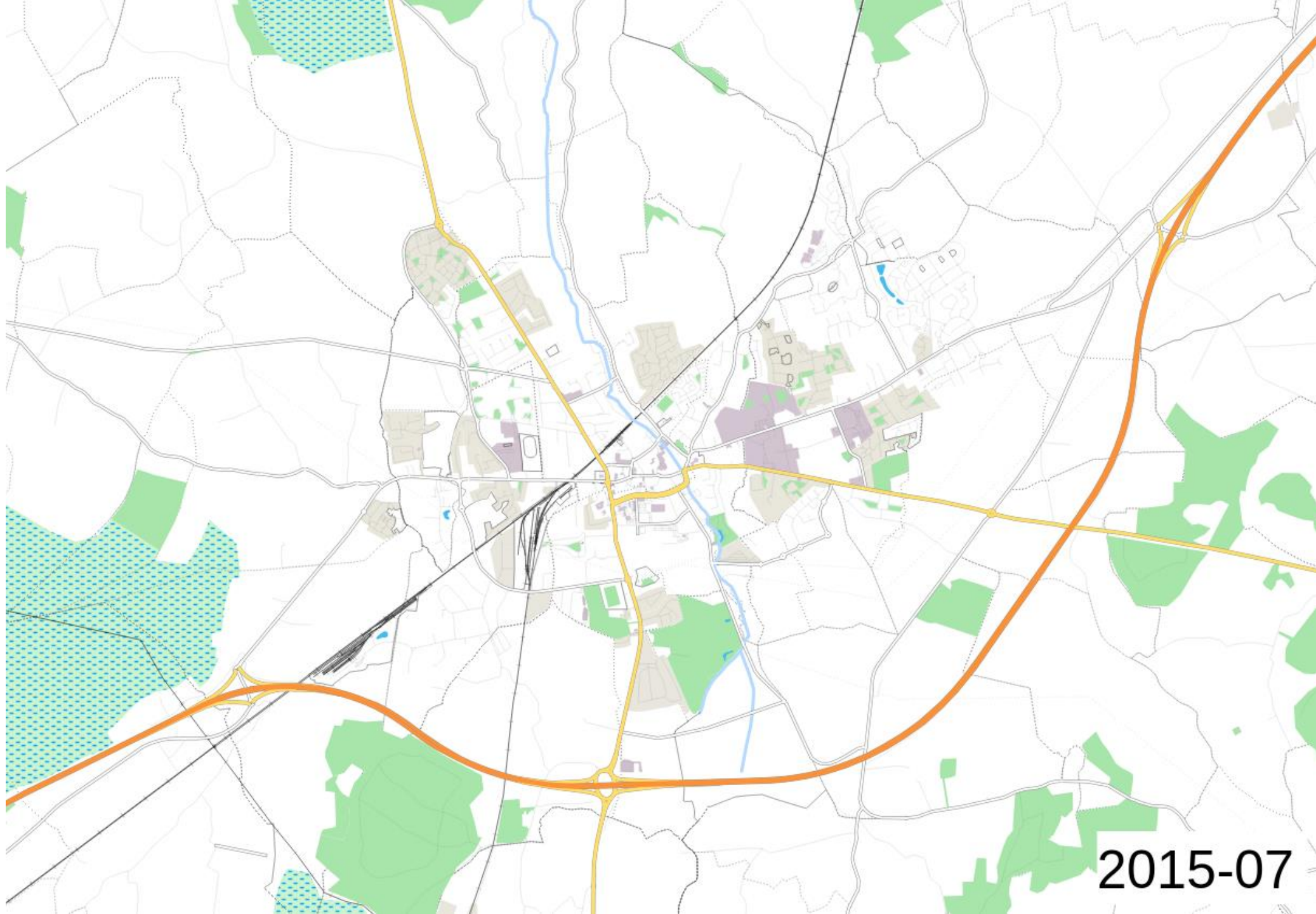


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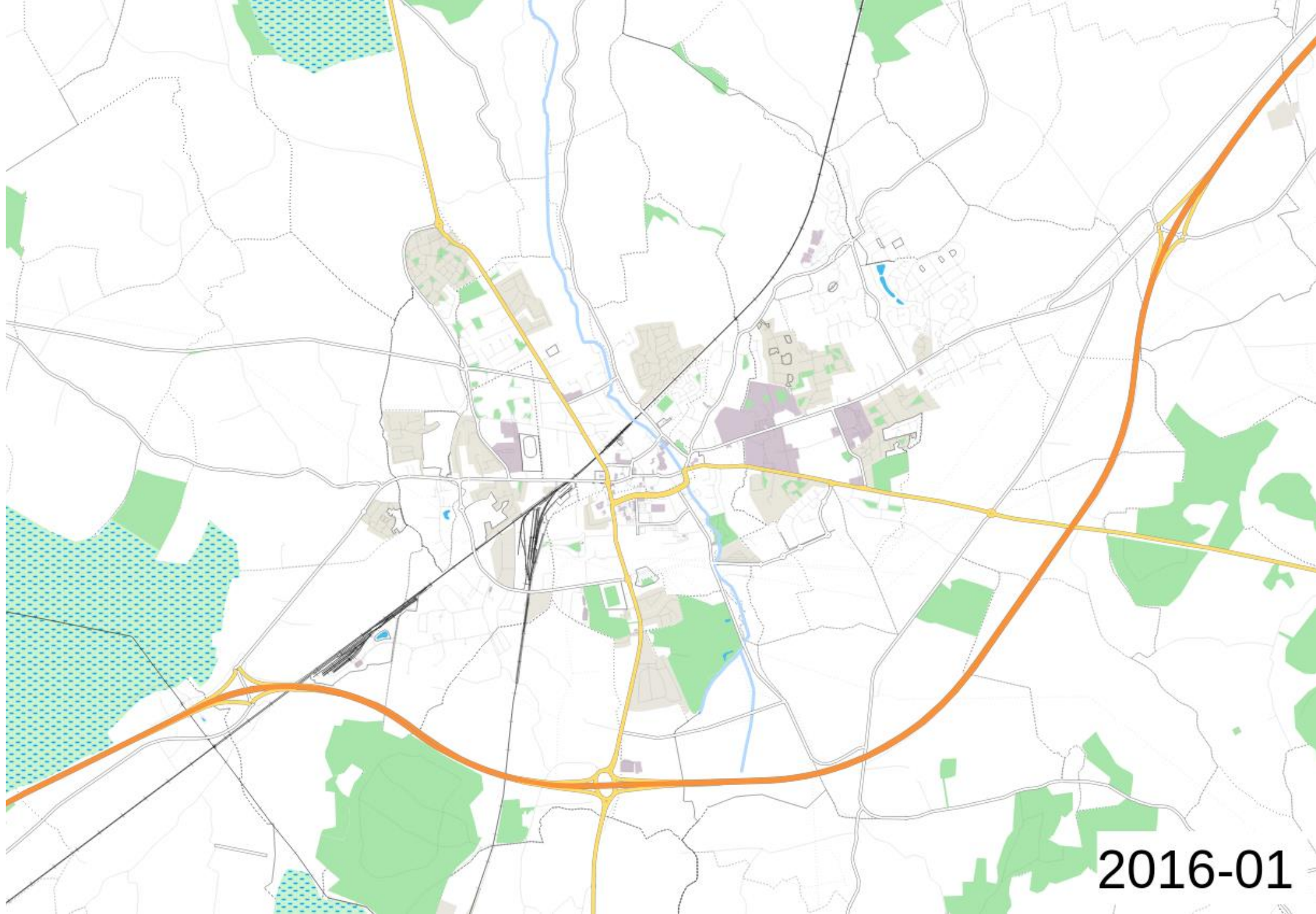


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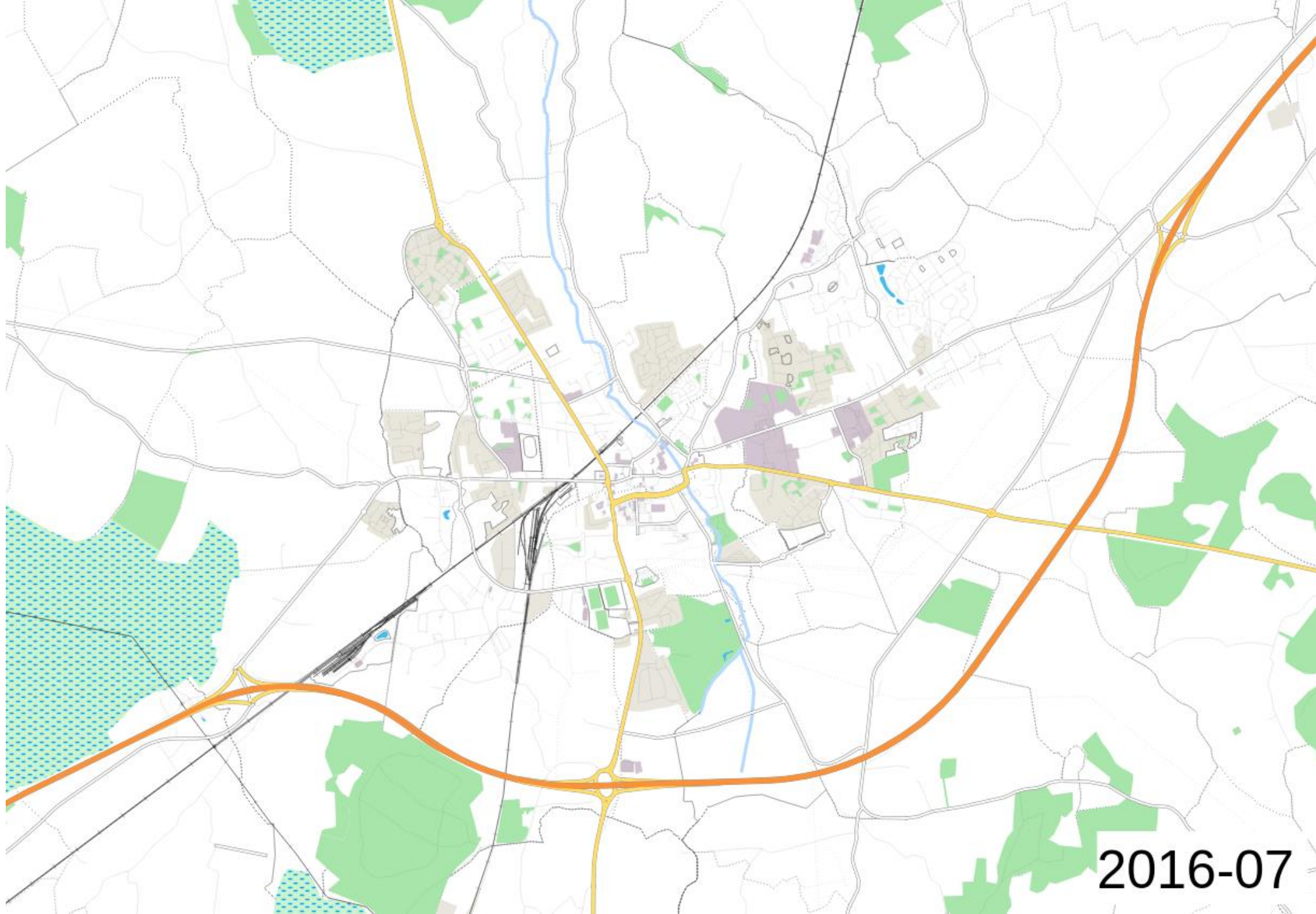
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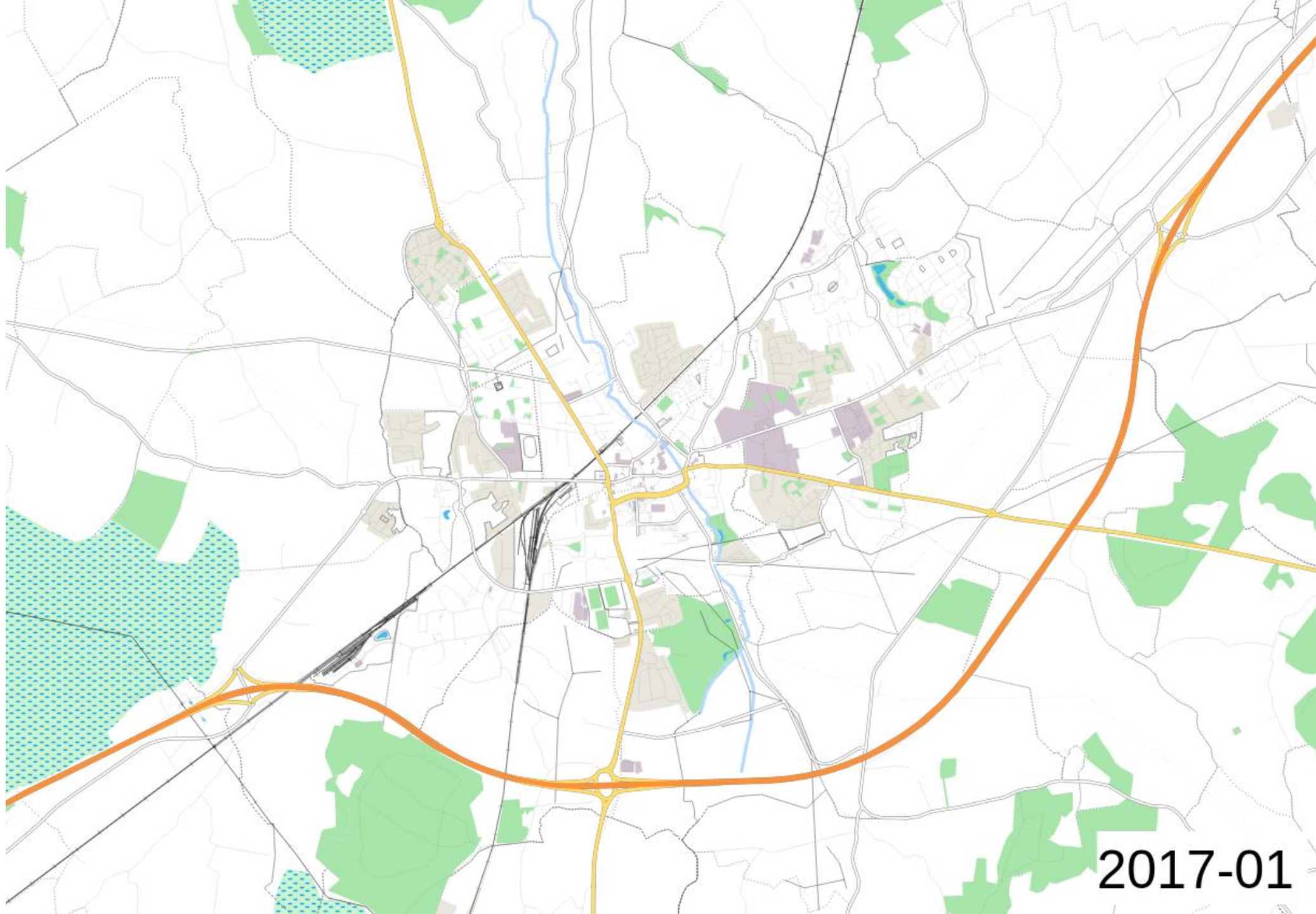


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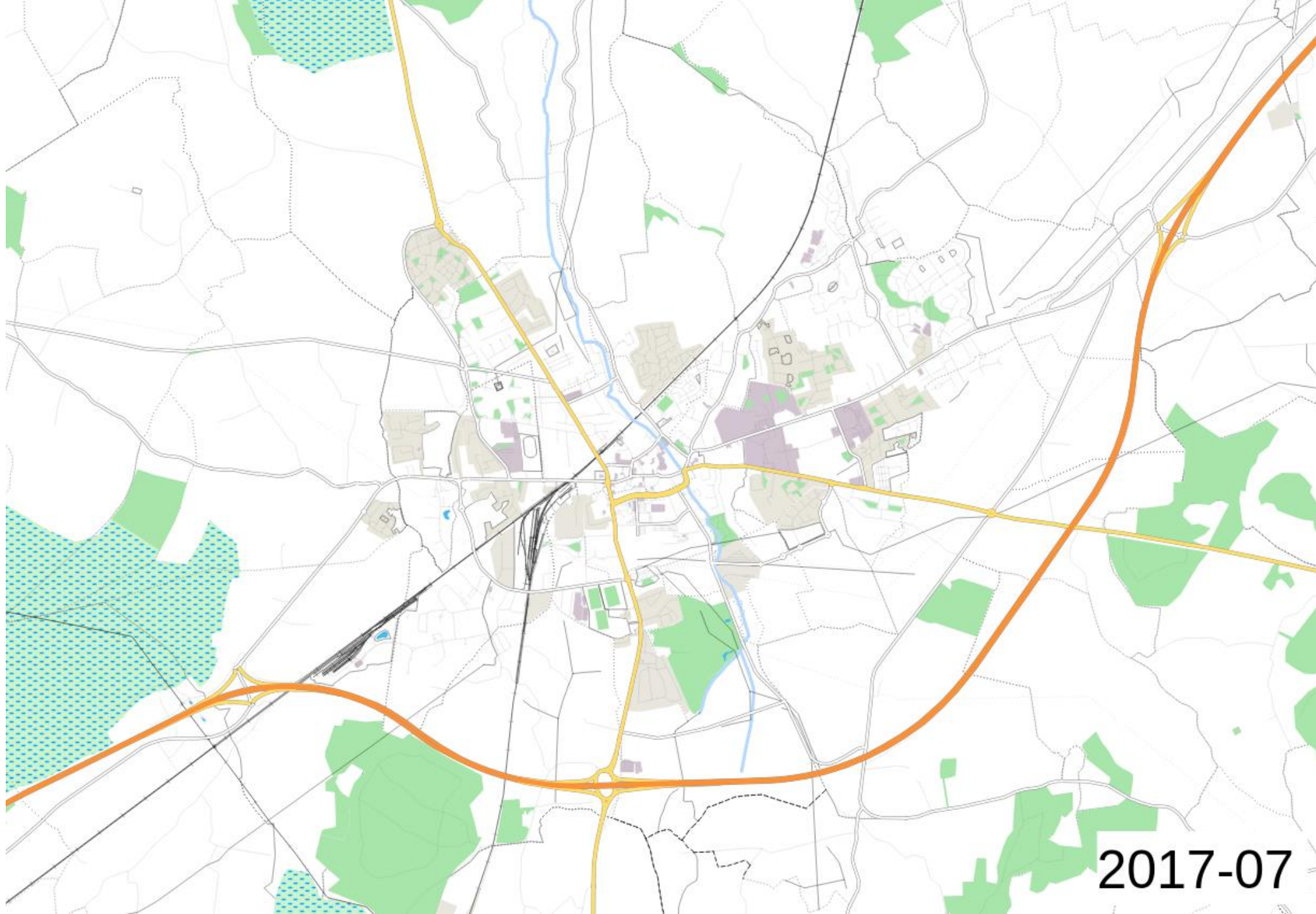


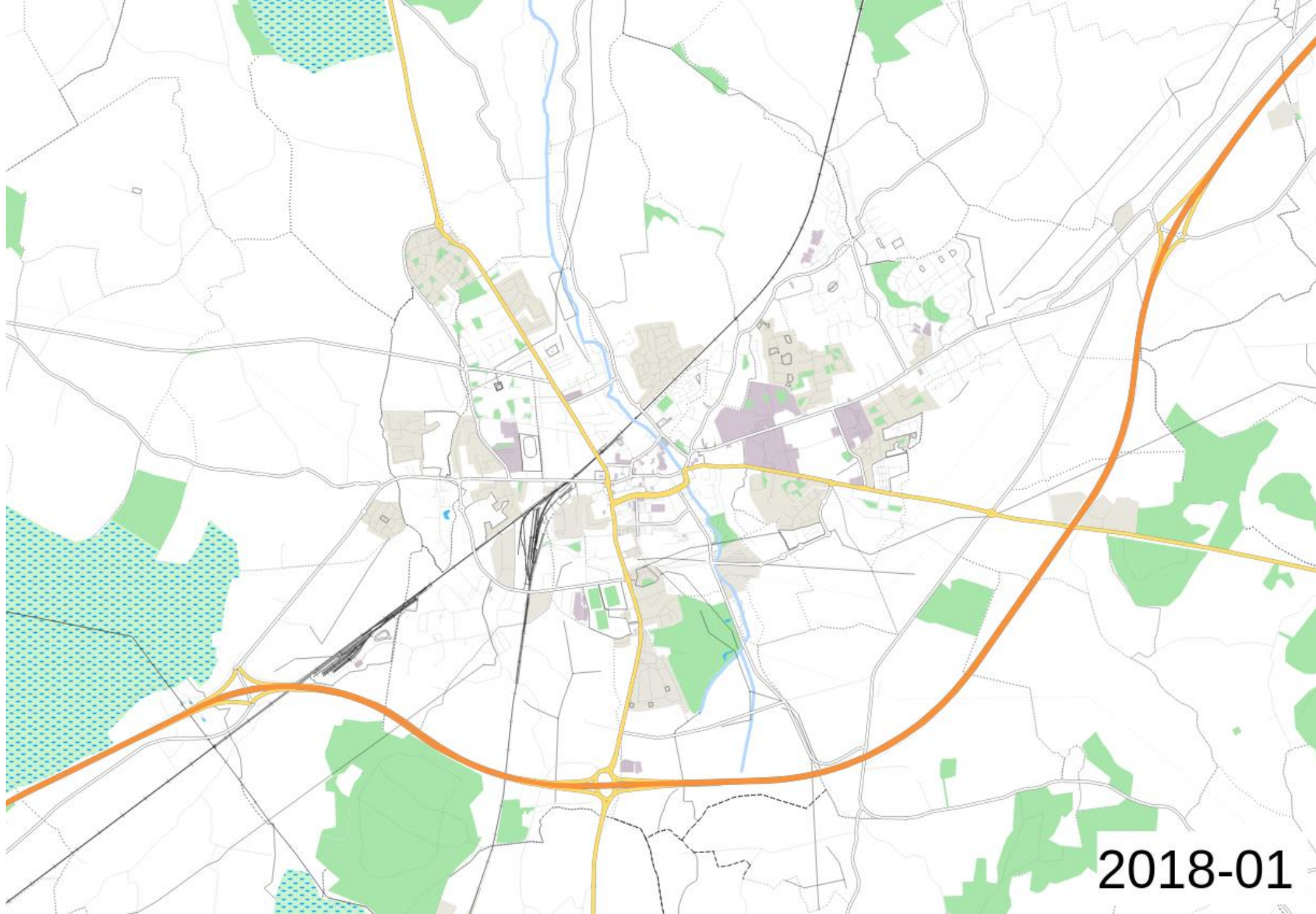
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2017-01







2018-01