

# SIMD 2020

Steve Morley  
Research Analyst





# Introduction

- **Background to Scottish Index of Multiple Deprivation**
- **Initial analysis of SIMD 2020 North Ayrshire Results**



# Background

- **SIMD 2020 published 28 January 2020**
- **Sixth in series (previous versions 2004, 2006, 2009, 2012, 2016)**
- **Looks at multiple deprivation – not just about low income but also poor health, education, crime etc**
- **Measures relative deprivation – there will always be a most deprived area even if everywhere improves**
- **Identifies small area deprivation at data zone level**



# Data Zones

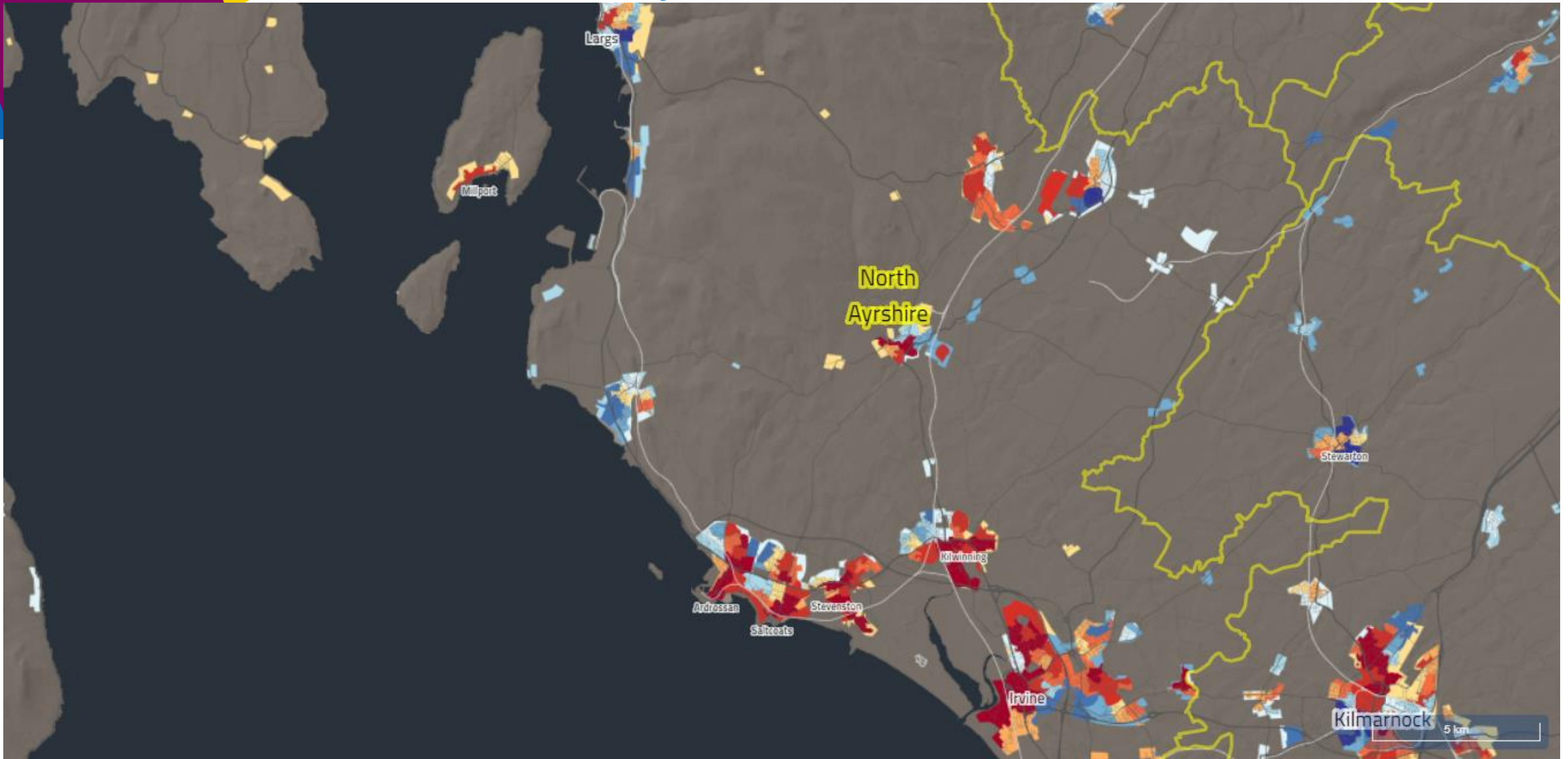
- Originally based on 2001 Census population – revised after 2011 Census
- Each data zone has population between 500 and 1,000
- Scotland now has 6,976 data zones (6,505 previously)
- North Ayrshire has 186 data zones (179 previously)
- Vary in geographical size – rural areas larger due to sparser population density



# SIMD Methodology

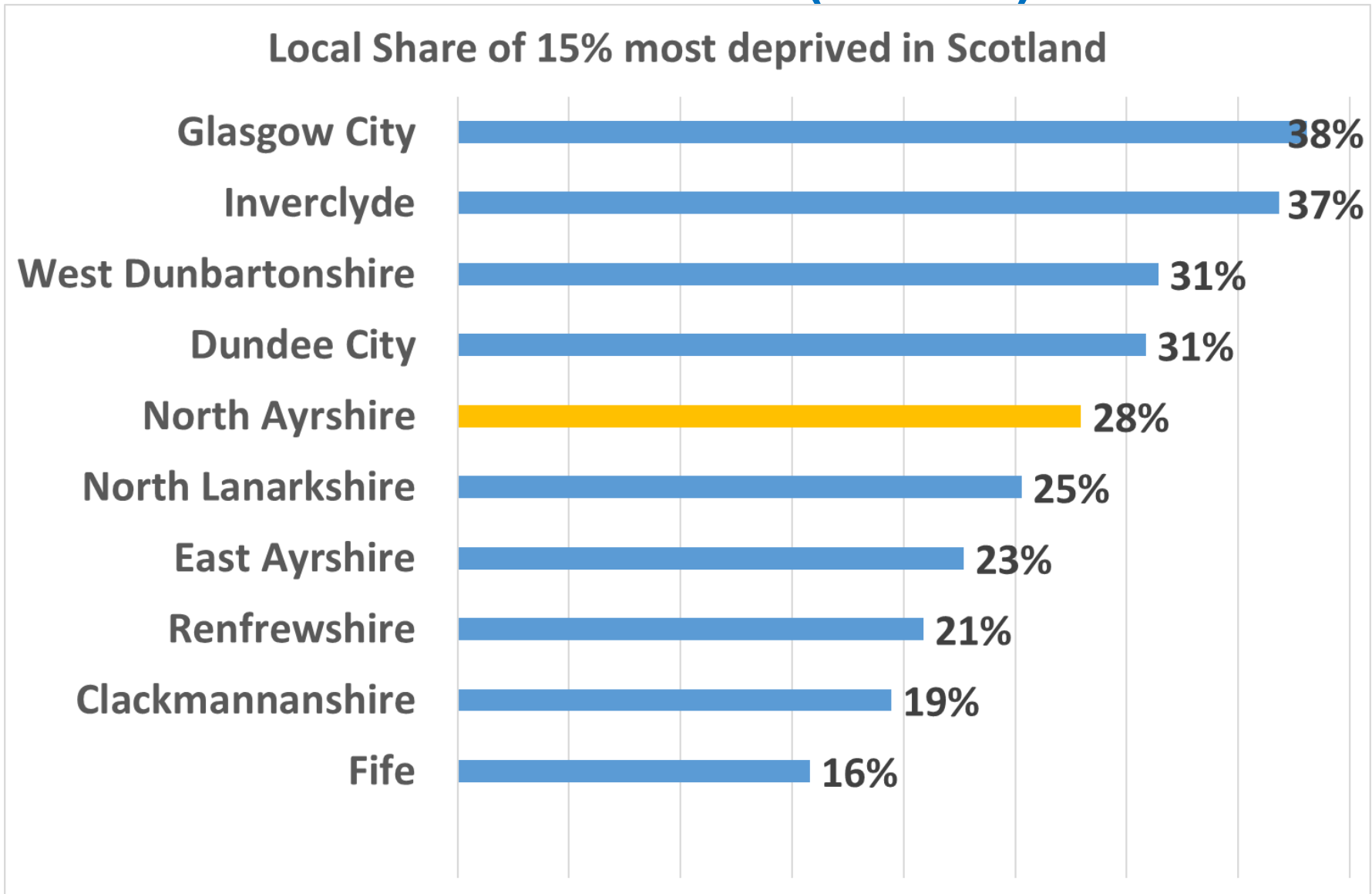
- **SIMD combines seven different “domains” of deprivation; Employment, Income, Health, Education, Access to Services, Crime, Housing**
- **32 different indicators**
- **Domains weighted according to impact on overall deprivation**
- **Income/Employment 28% each, Health/Education 14% each, Access to Services 9%, Crime 5%, Housing 2%**
- **Each data zone ranked from 1 (most deprived) to 6,976 (least deprived) for the overall index and each domain – useful if looking at specific topics**

# North Ayrshire Results





# Rank in Scotland (15%)





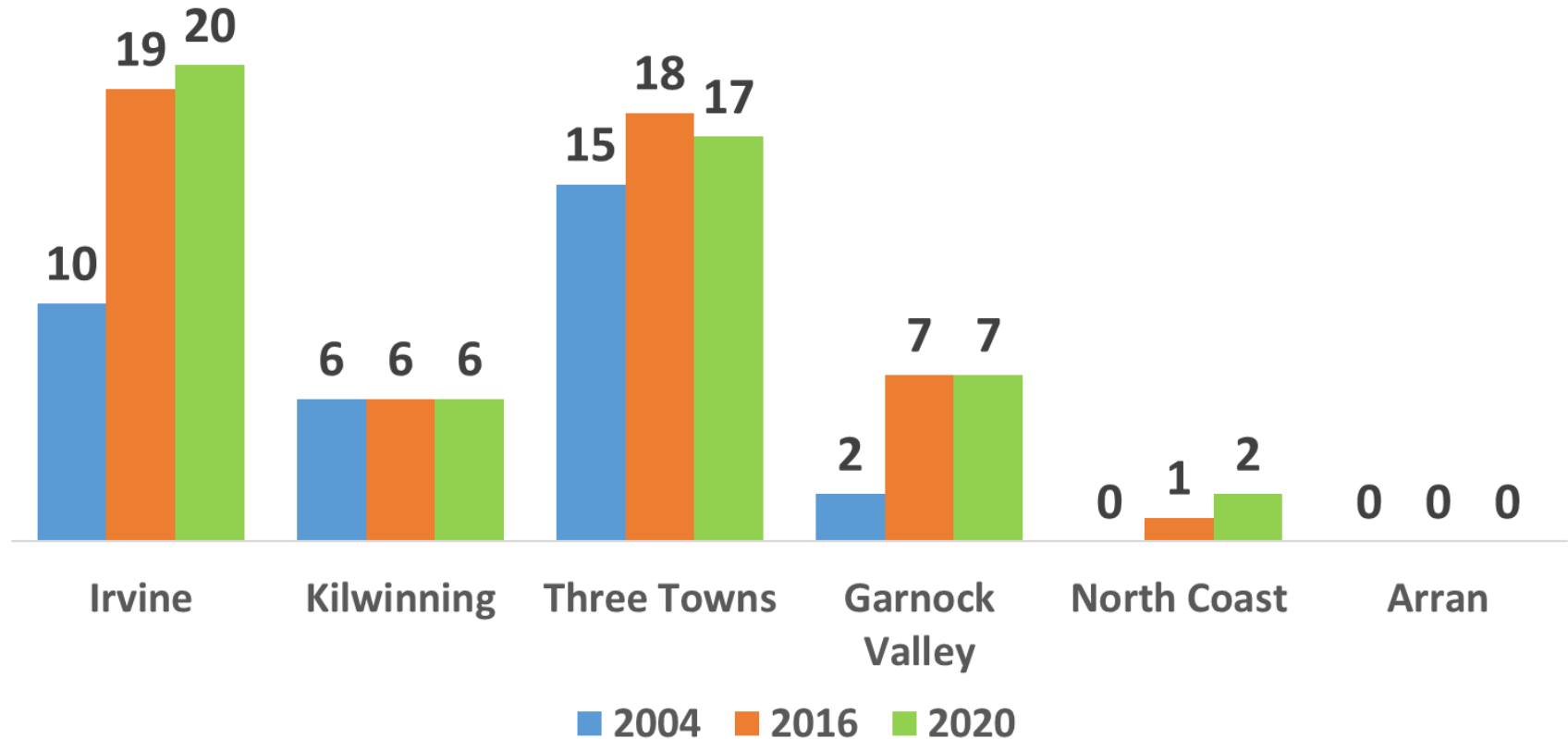
# Change over time

Year	2004	2006	2009	2012	2016	2020
Number of 15% most deprived data zones	33	33	43	46	51	52
Total North Ayrshire data zones	179	179	179	179	186	186
Local Share of 15% most deprived data zones	18%	18%	24%	26%	27%	28%



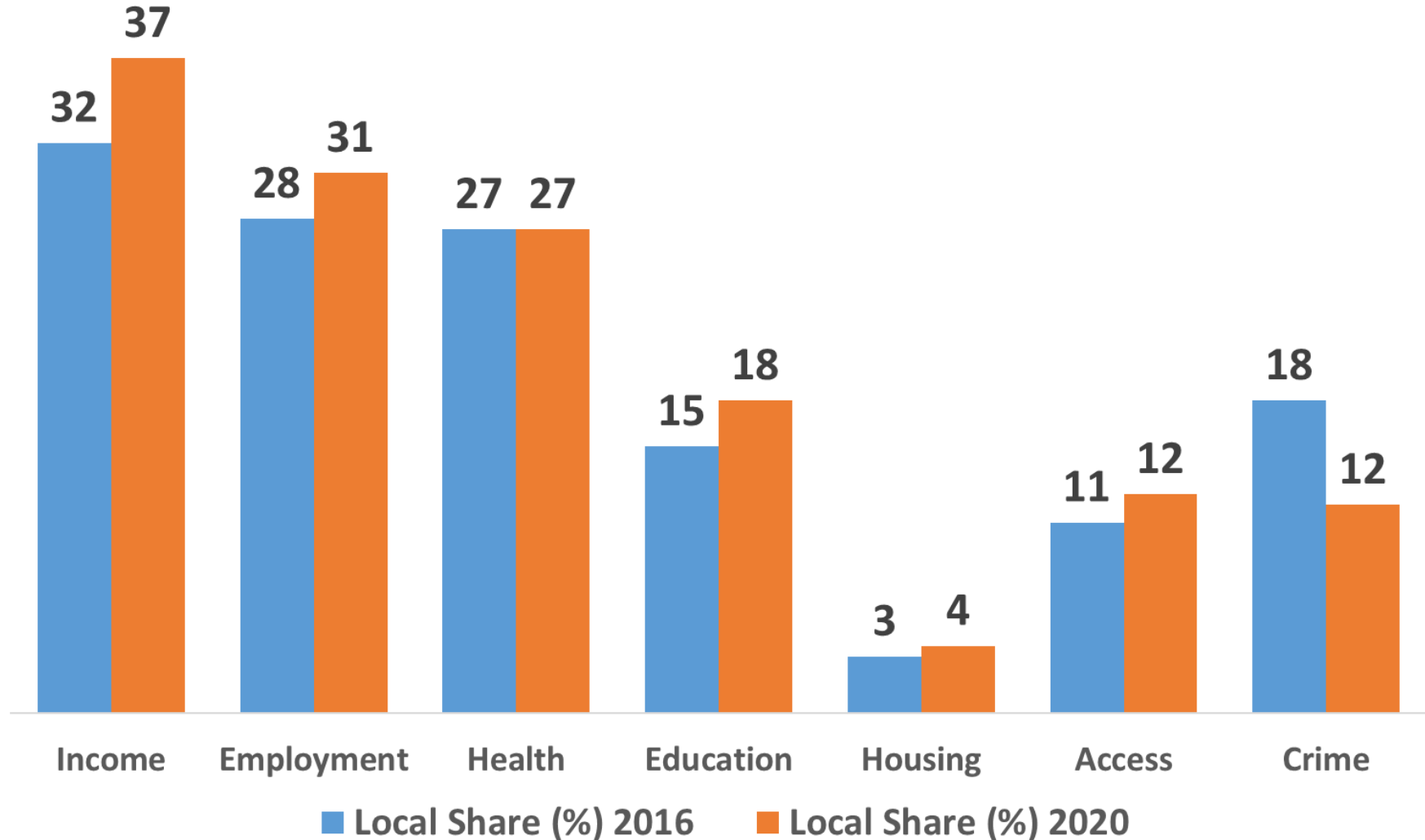
# Localities

Number of Deprived Data Zones



# Domains

% of North Ayrshire DZs in 15% most deprived in Scotland





# Summary

- **North Ayrshire is the 5th most deprived Council area in Scotland (the same as in 2016)**
- **On the broader 20% definition North Ayrshire is ranked 3rd most deprived**
- **52 (28%) of North Ayrshire's 186 data zones are in the 15% most deprived in Scotland (compared to 51 (27%) in 2016)**
- **Deprivation is concentrated in The Three Towns and Irvine locality areas but Kilwinning and the Garnock Valley also have deprivation levels above the national average**
- **North Ayrshire deprivation is mainly concentrated on the employment, income and health domains**

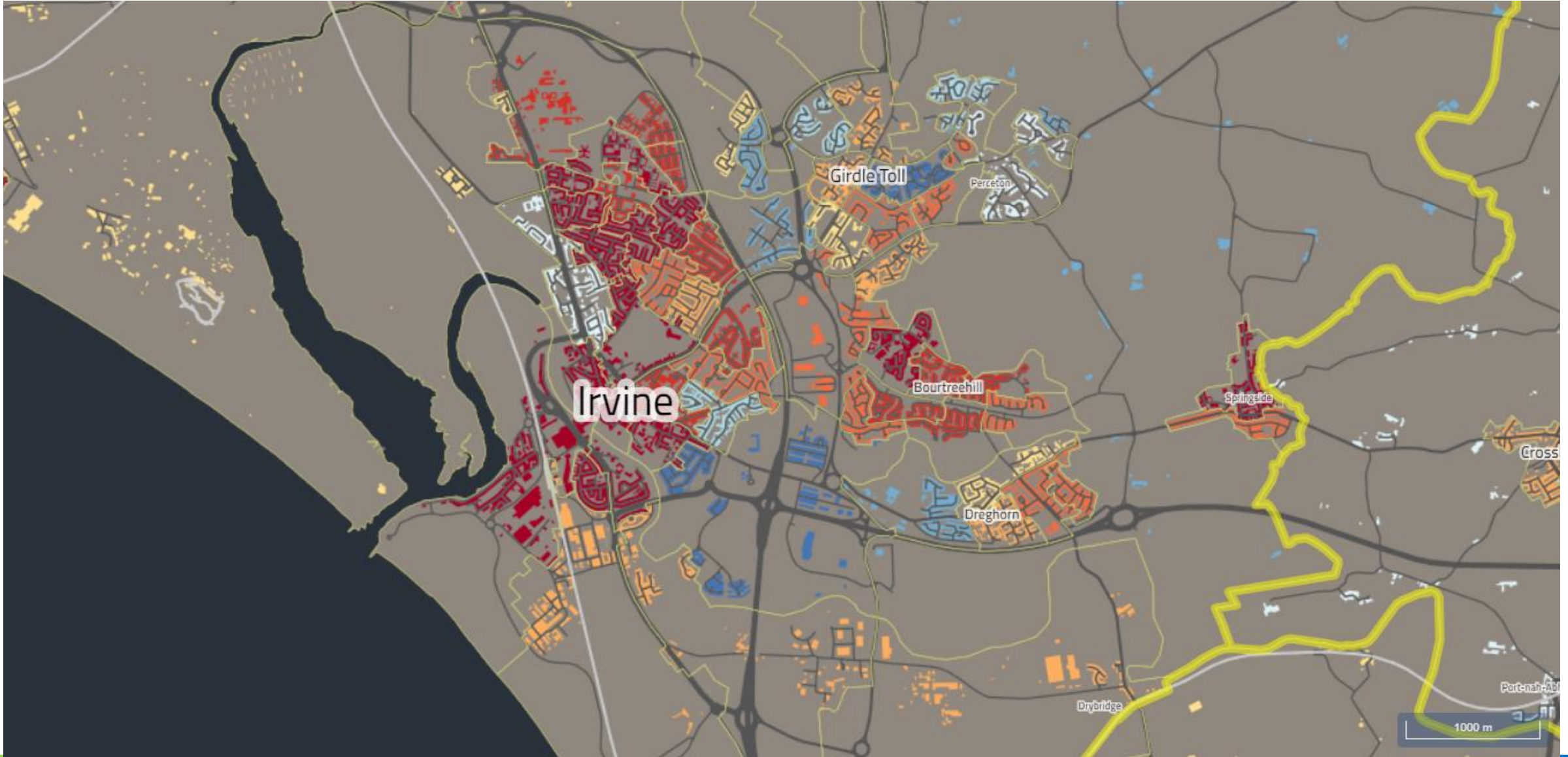


# Further Information

- Further information including interactive mapping can be found on the Scottish Government's SIMD website at <https://www.gov.scot/collections/scottish-index-of-multiple-deprivation-2020/>
- More detailed analysis will be carried out including looking at specific data zones that have improved/deteriorated over time to inform future actions

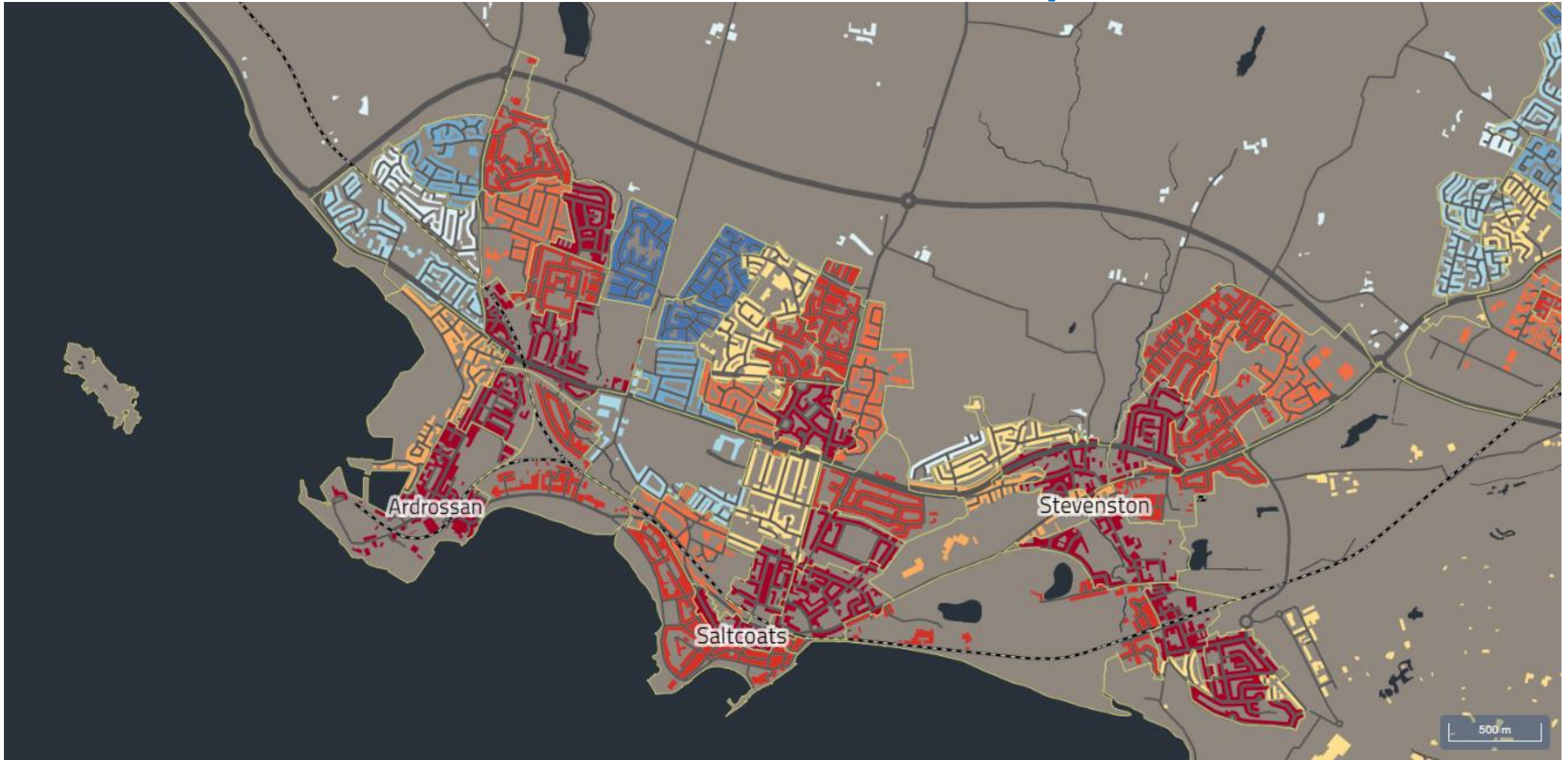
**Steve Morley, Research Analyst**  
[smorley@north-Ayrshire.gov.uk](mailto:smorley@north-Ayrshire.gov.uk)  
**01294 324126**

# Irvine Map



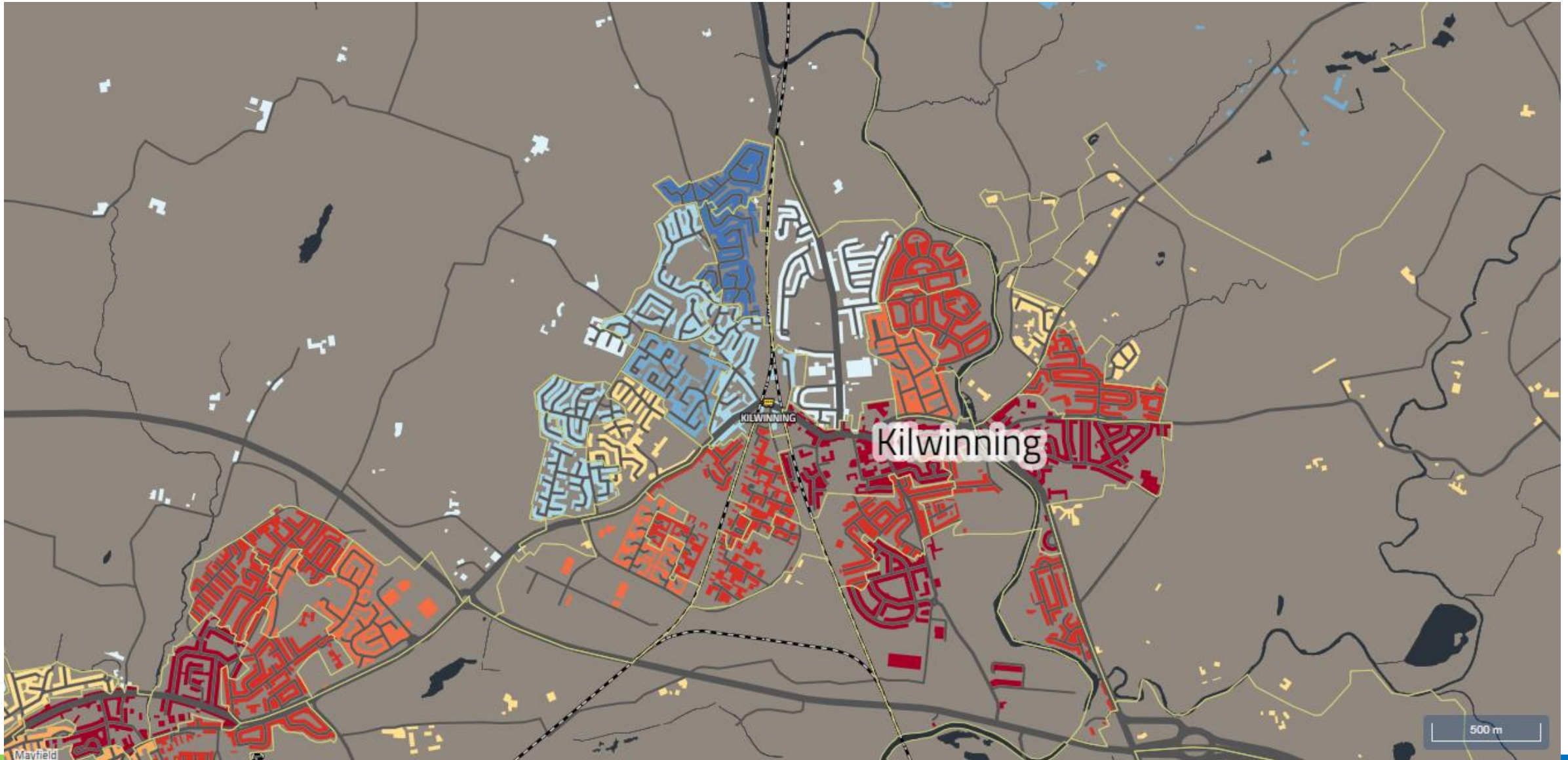


# Three Towns Map



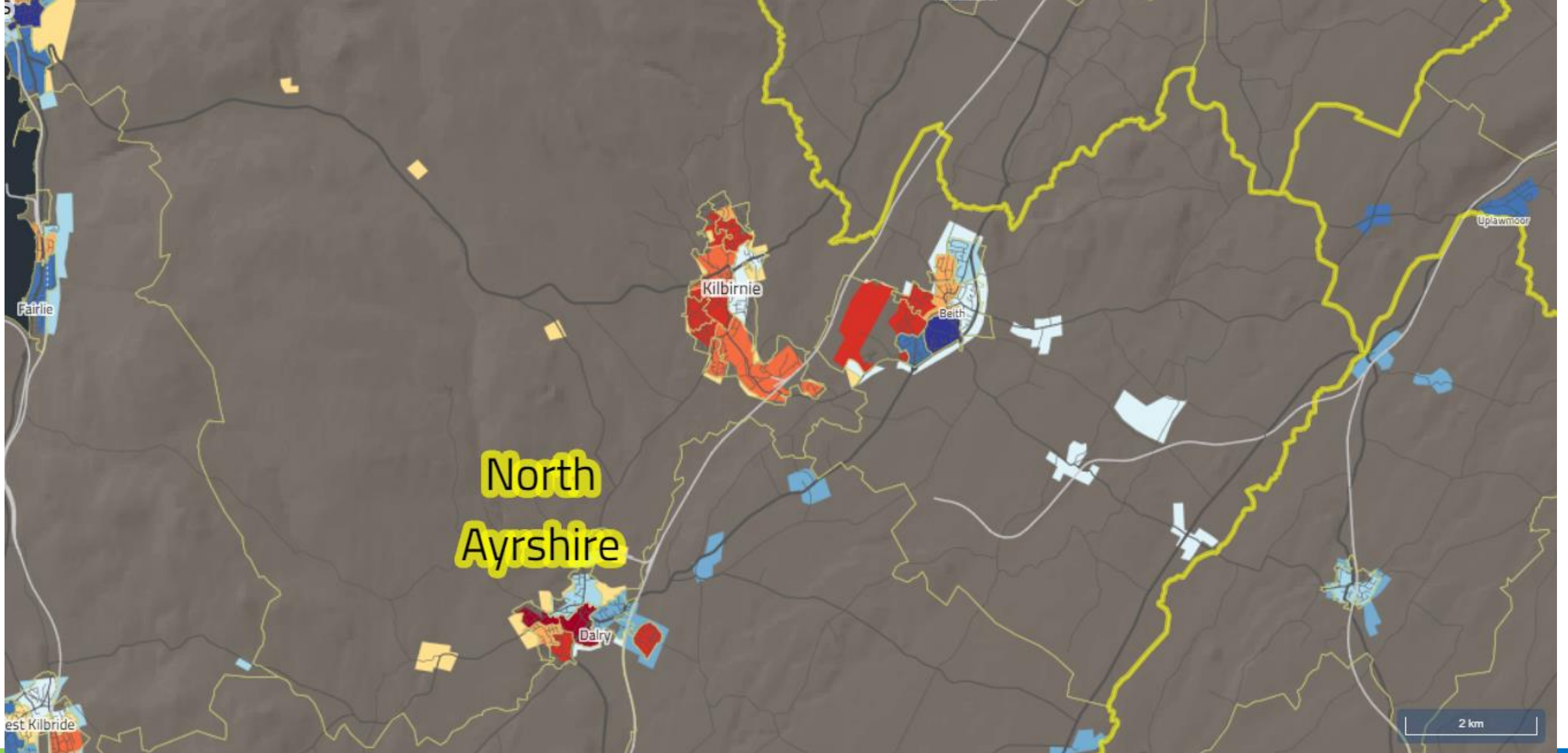


# Kilwinning Map





# Garnock Valley Map



# North Coast & Cumbraes Map

