

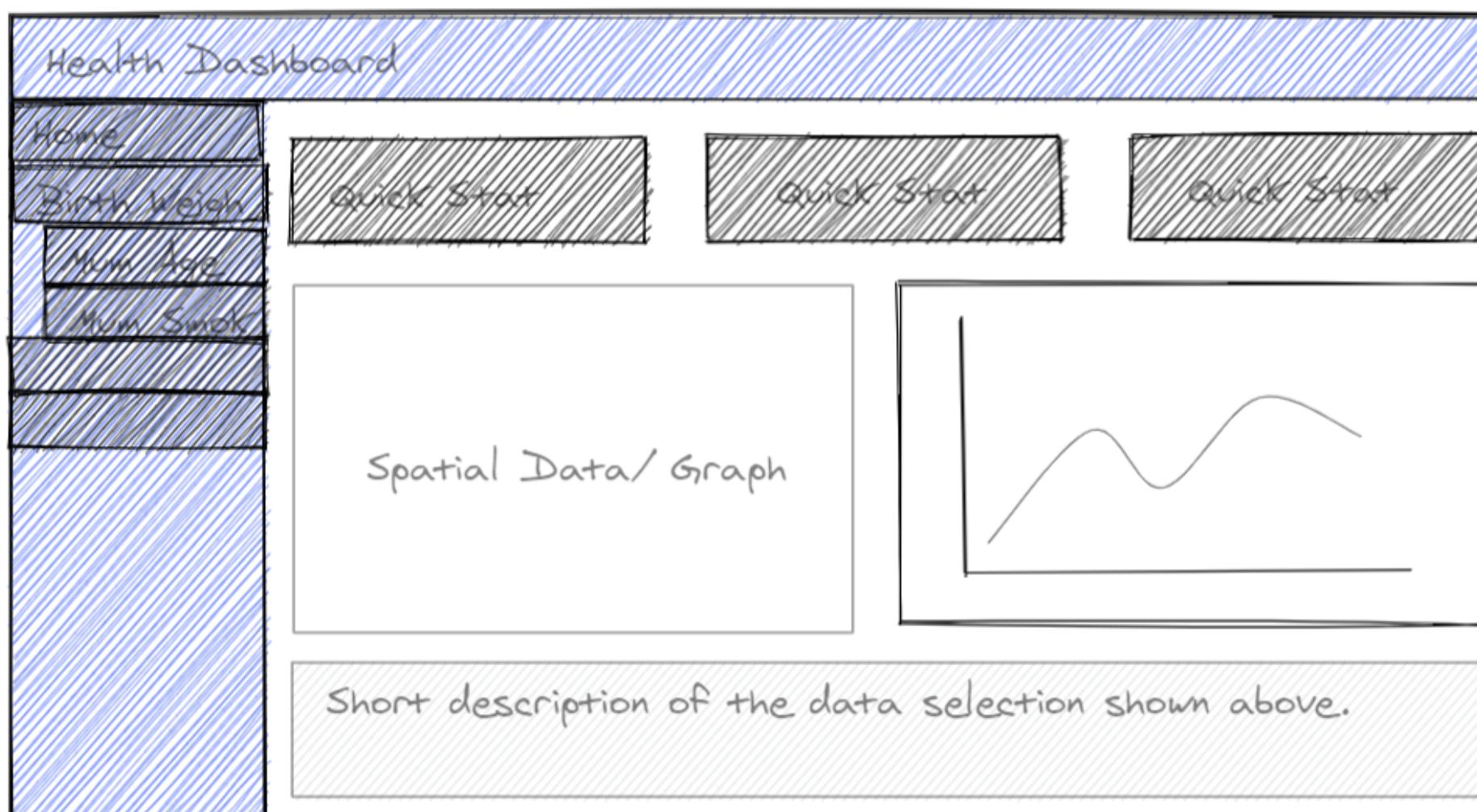
Group Dashboard Project: Scottish Public Health Data

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Friday 21st May 2021

Shiny Dashboard App Methodology

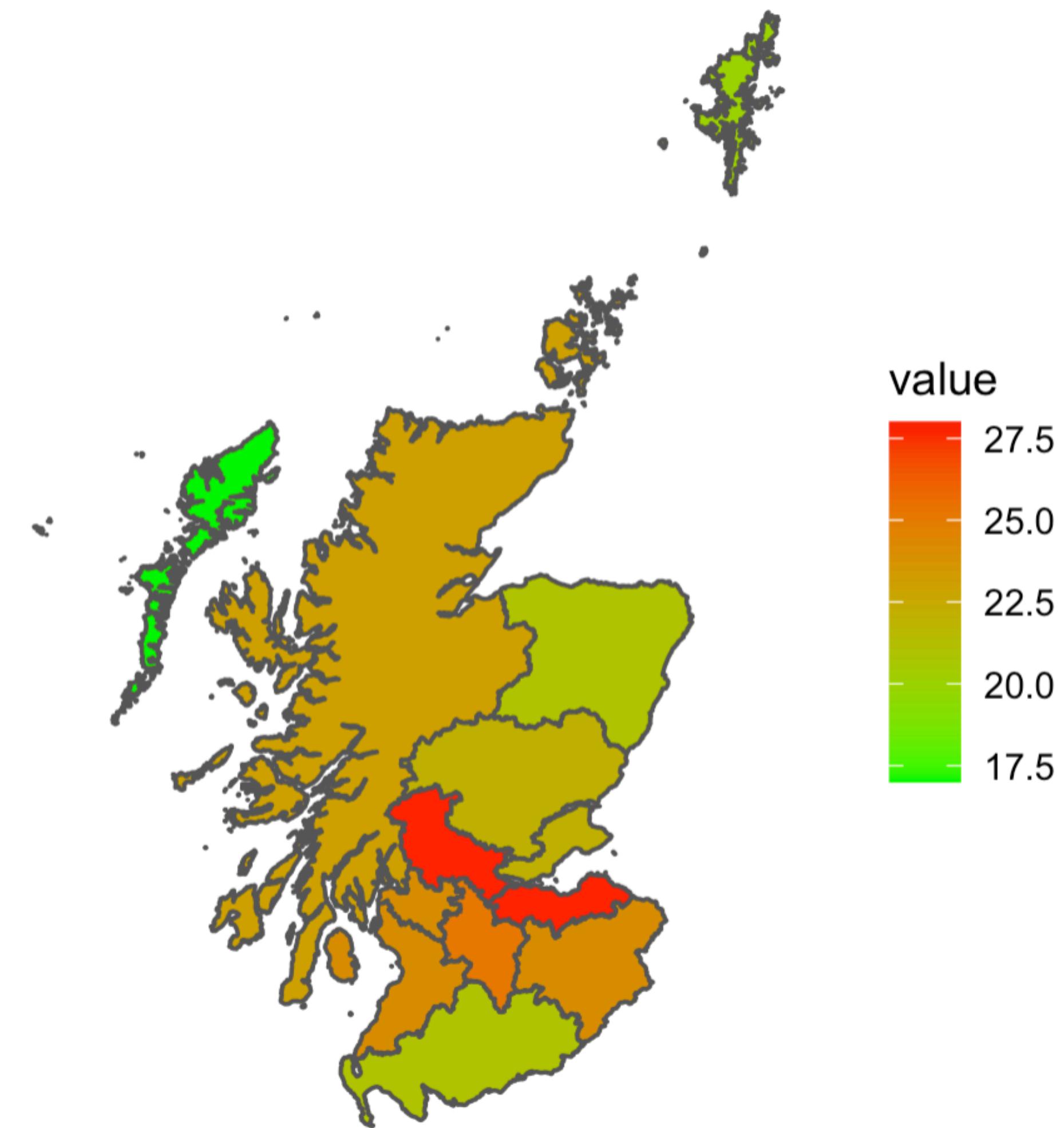
- Researched existing dashboards and Scotland Public Health data sets
- Developed a wireframe markup
- Reviewed data as a team and selected points of interest
- Team members split up to work on different tasks of the project i.e. data handling and app development
- Creation of UI along with simultaneous data handling
- Entered data into the app and made changes to the UI as required



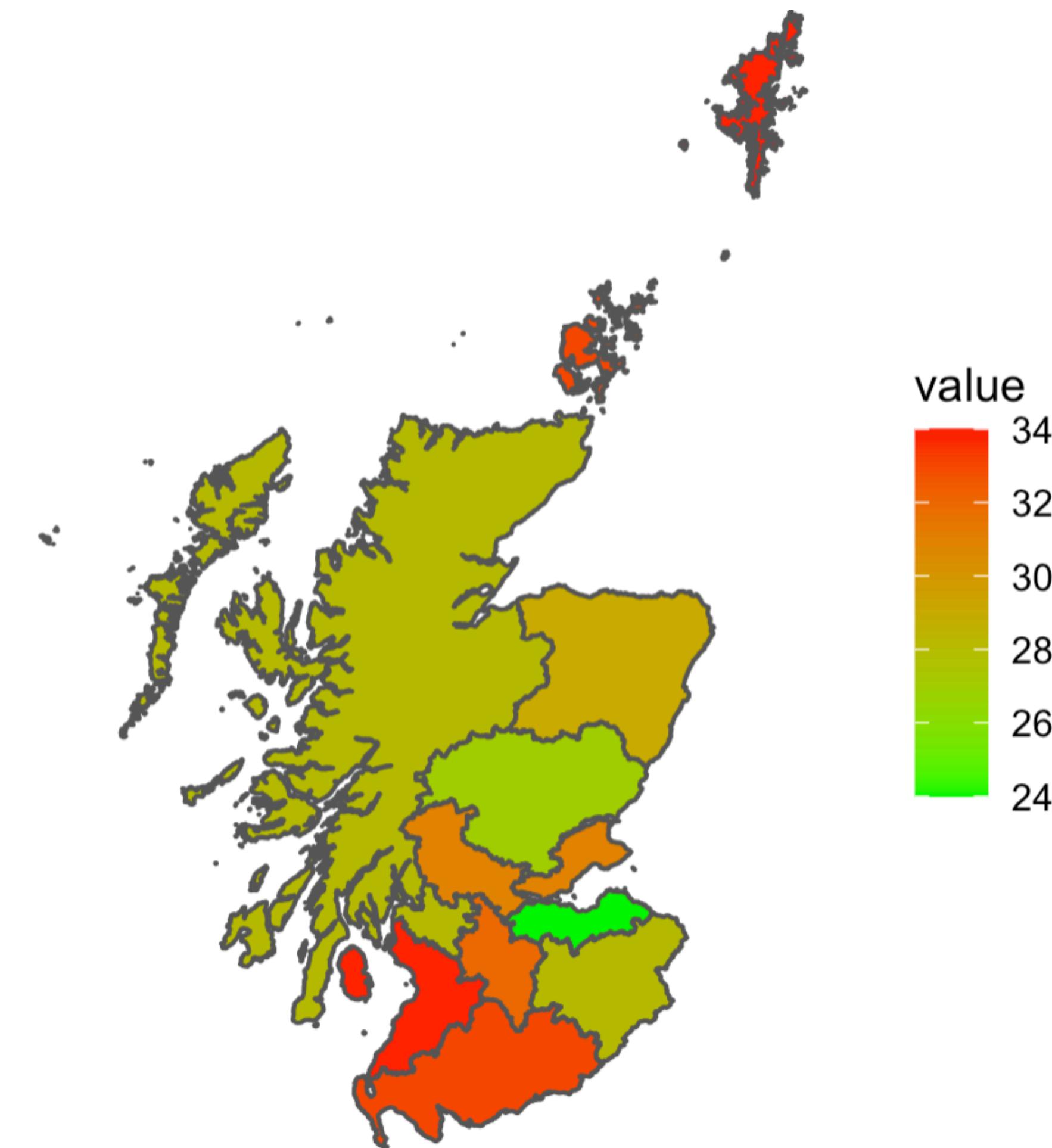
Scottish Health Survey - Local area

- The Scottish Health Survey has been carried out annually since 2008 to provide regular information on aspects of the public's health and health-related factors.
- It is used to monitor progress towards these National Indicators:
 - Mental Wellbeing
 - Healthy Weight
 - Health Risk Behaviours
 - Physical Activity
 - Child wellbeing
 - Food insecurity

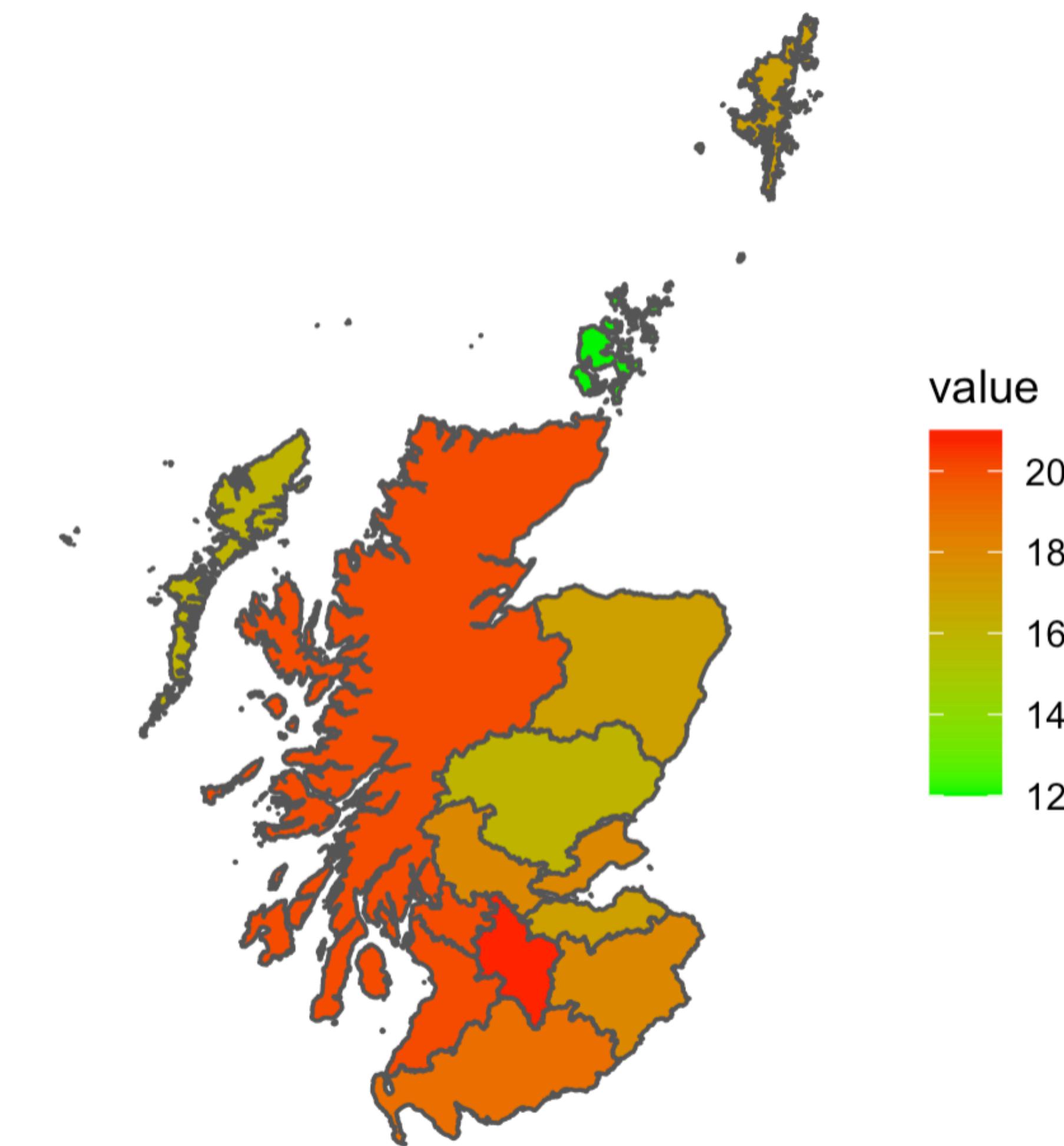
Alcohol: Prevalence of hazardous or harmful drinking



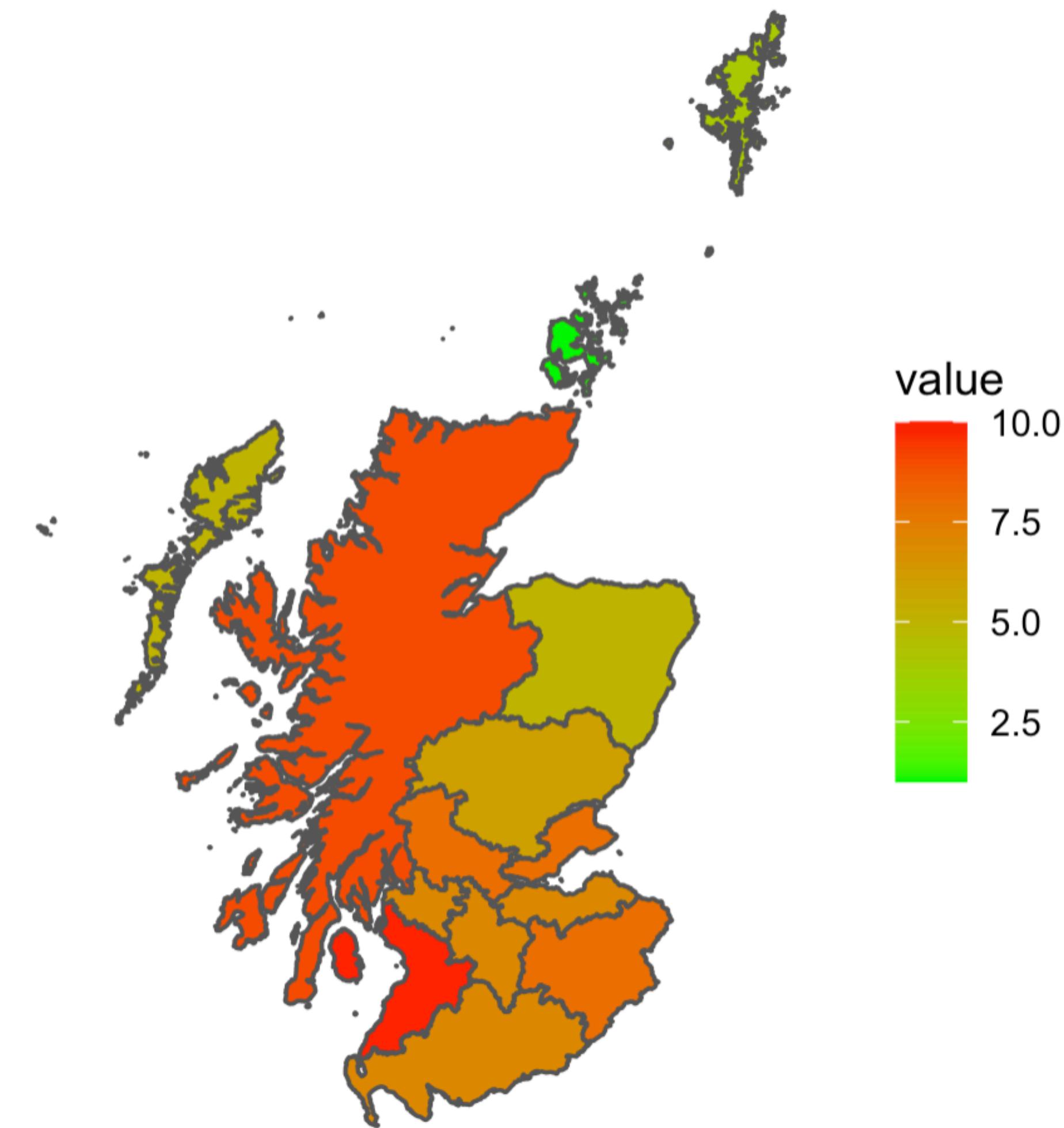
Obesity: % of adults who are obese



Smoking: % of adults who smoke



E Cig: % of adults who use e-cigarettes



Priority 2: A Scotland where we flourish in our early years

We want Scotland to be the best place for a child to grow up. Addressing the health and wellbeing issues of our children and young people and recognising, respecting and promoting their rights is essential to achieving this outcome. This priority places particular emphasis on our early years, recognising the impact that early childhood poverty, disability and adverse childhood experiences can have on health outcomes throughout a person's life.



Pregnancy and birth

**“... have a healthy pregnancy
and post-natal period....”**



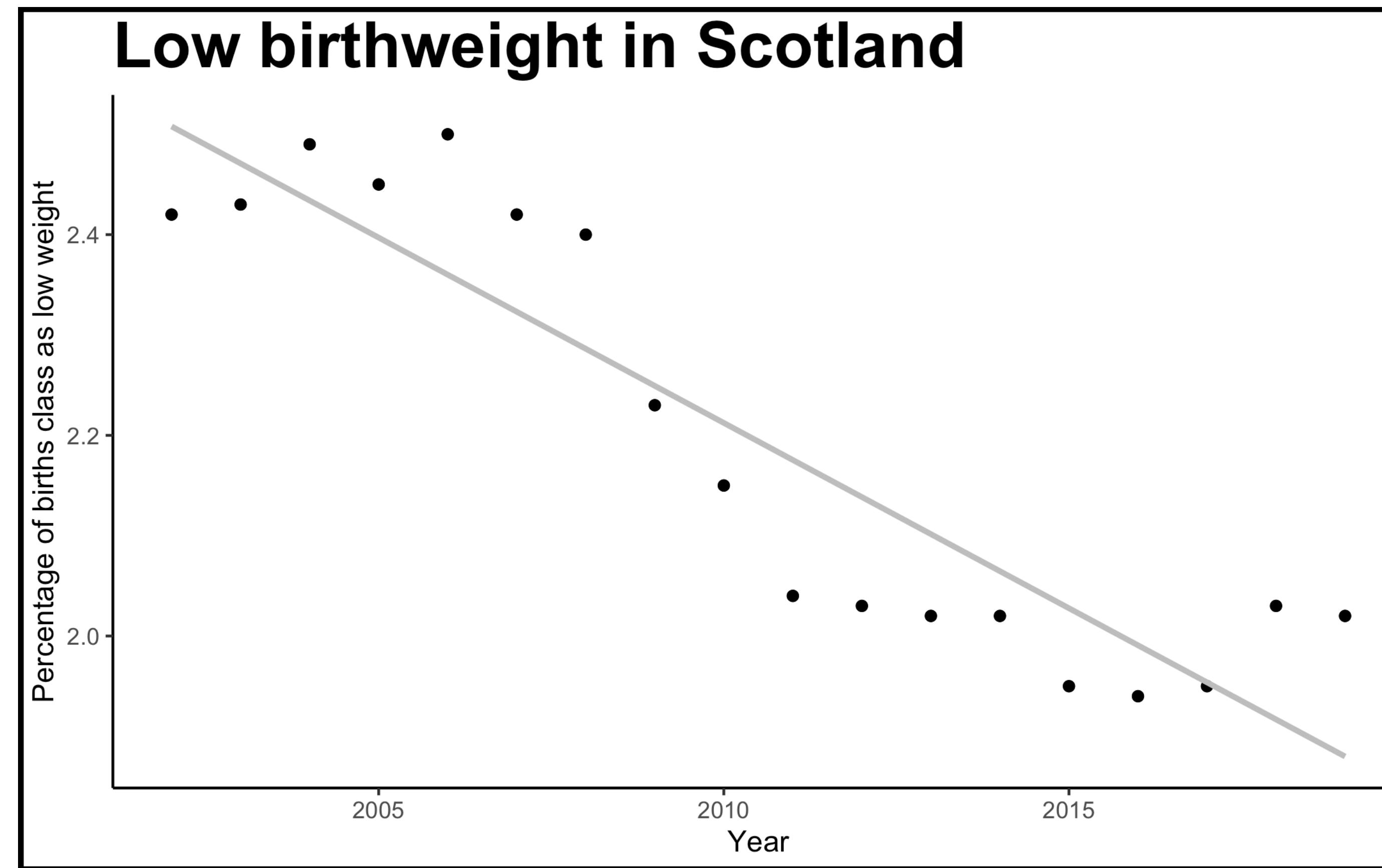
Low birthweight

Major determinant of infant mortality and morbidity

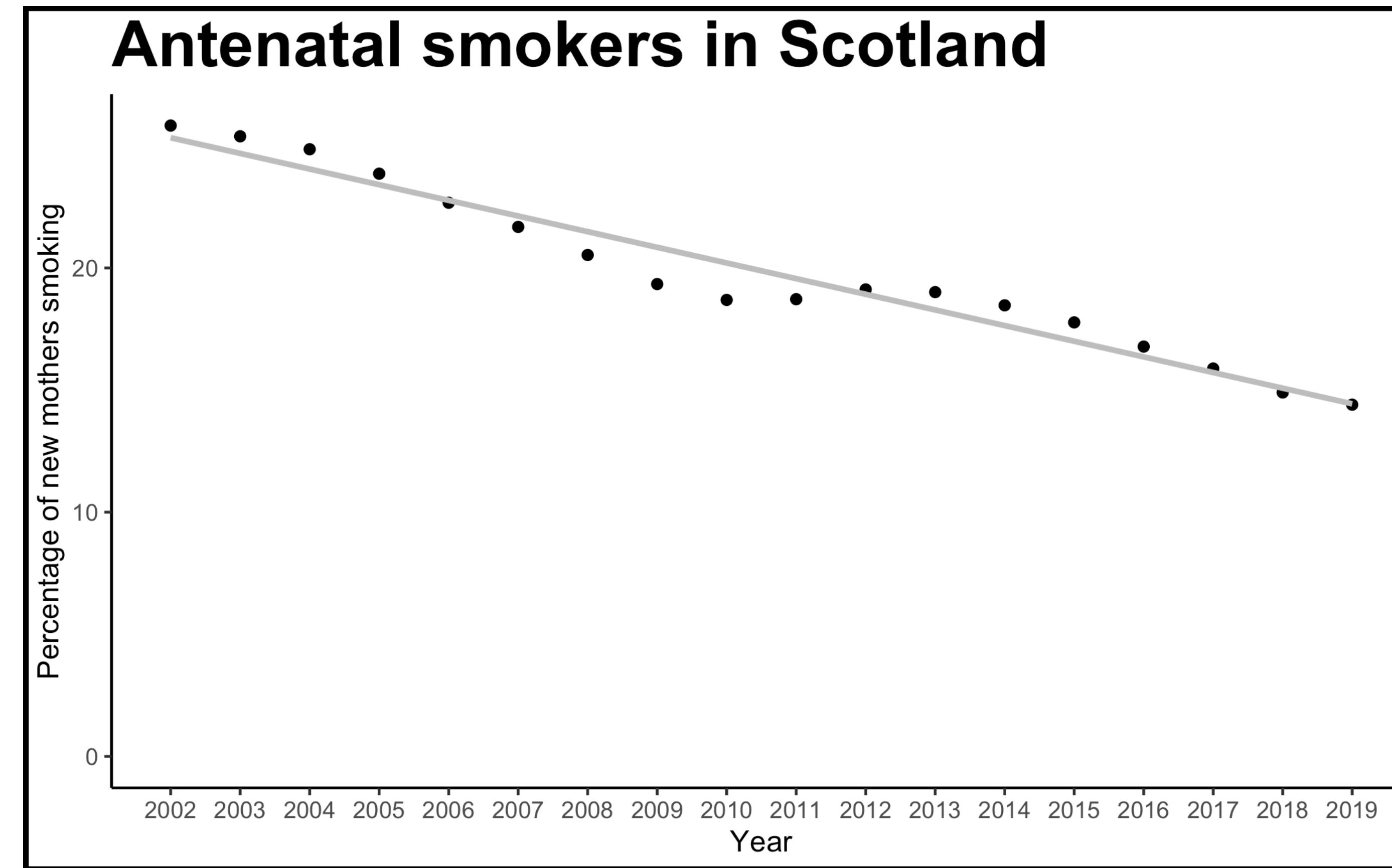
Health status indicator

Linked to smoking, alcohol use, mother's age

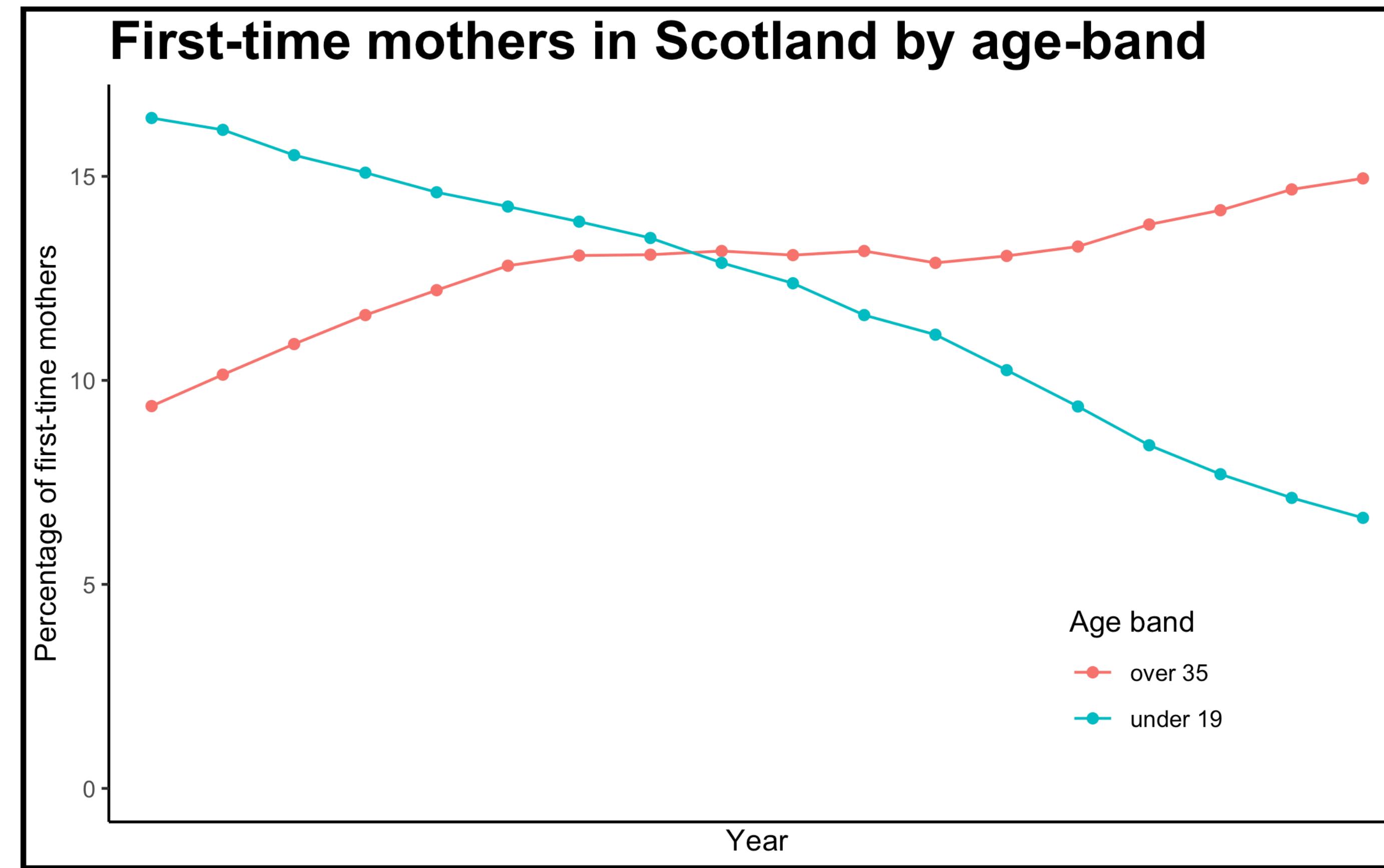
The proportion of babies with low birthweights has been falling



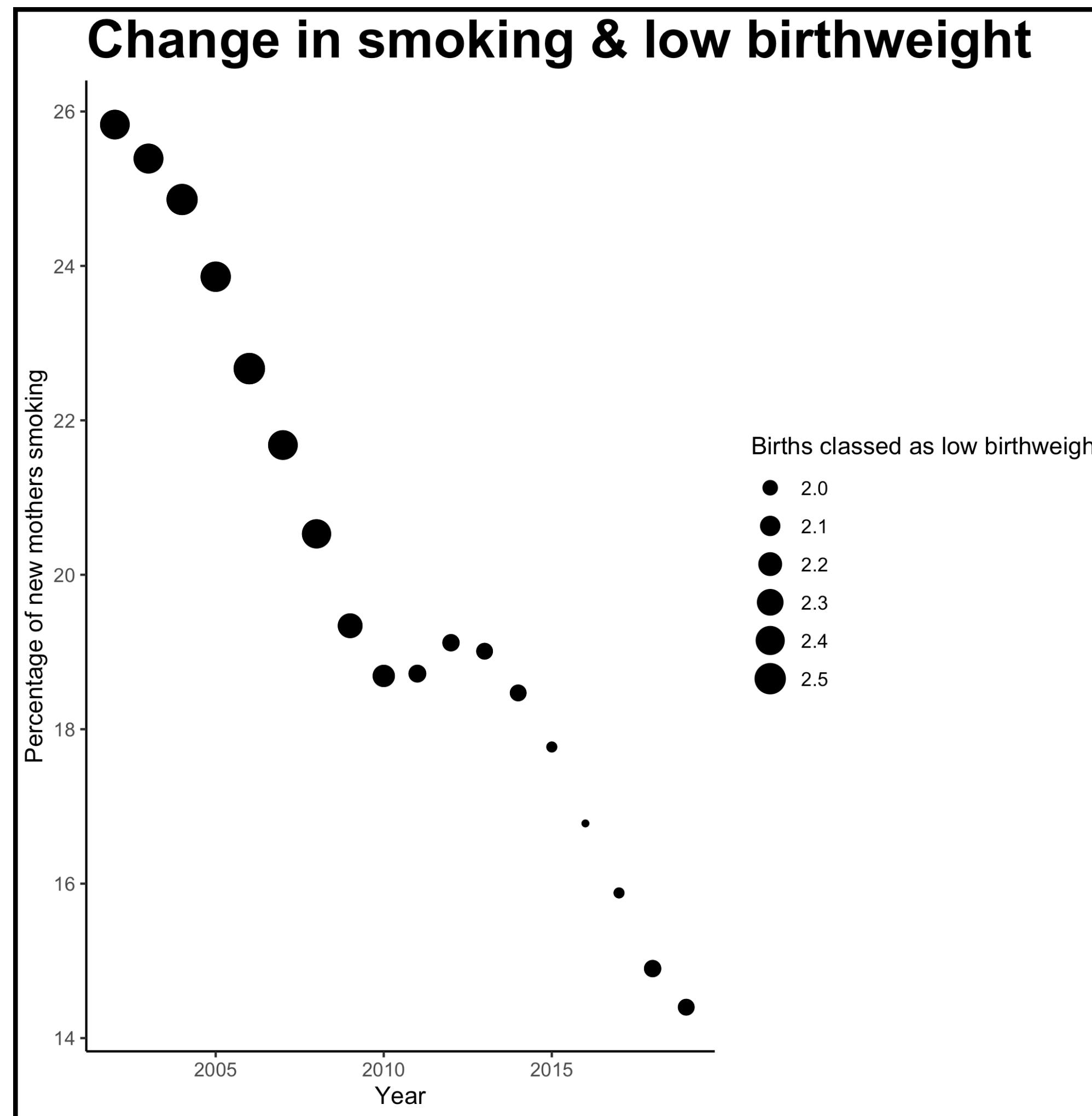
Antenatal smoking has fallen significantly



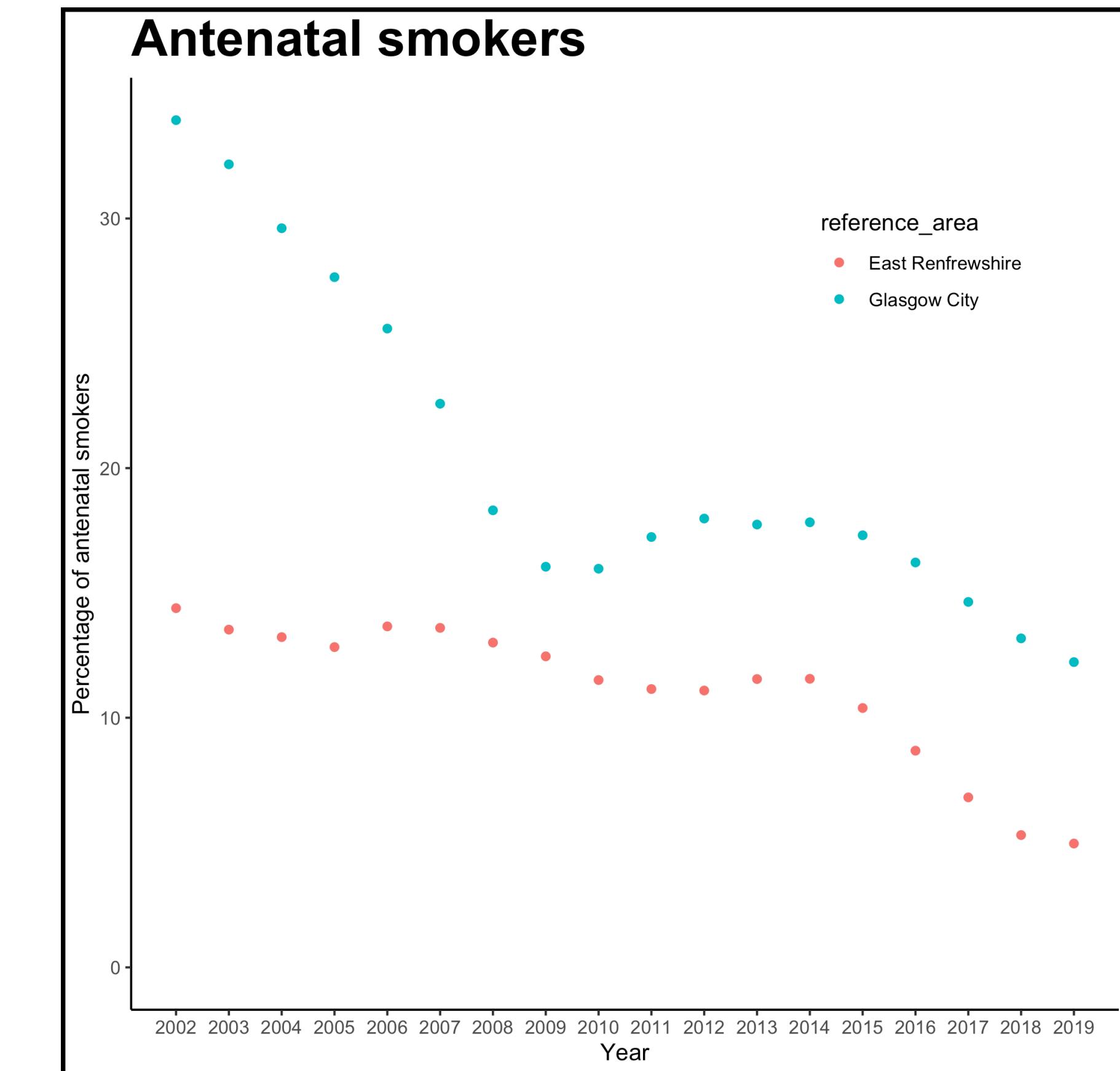
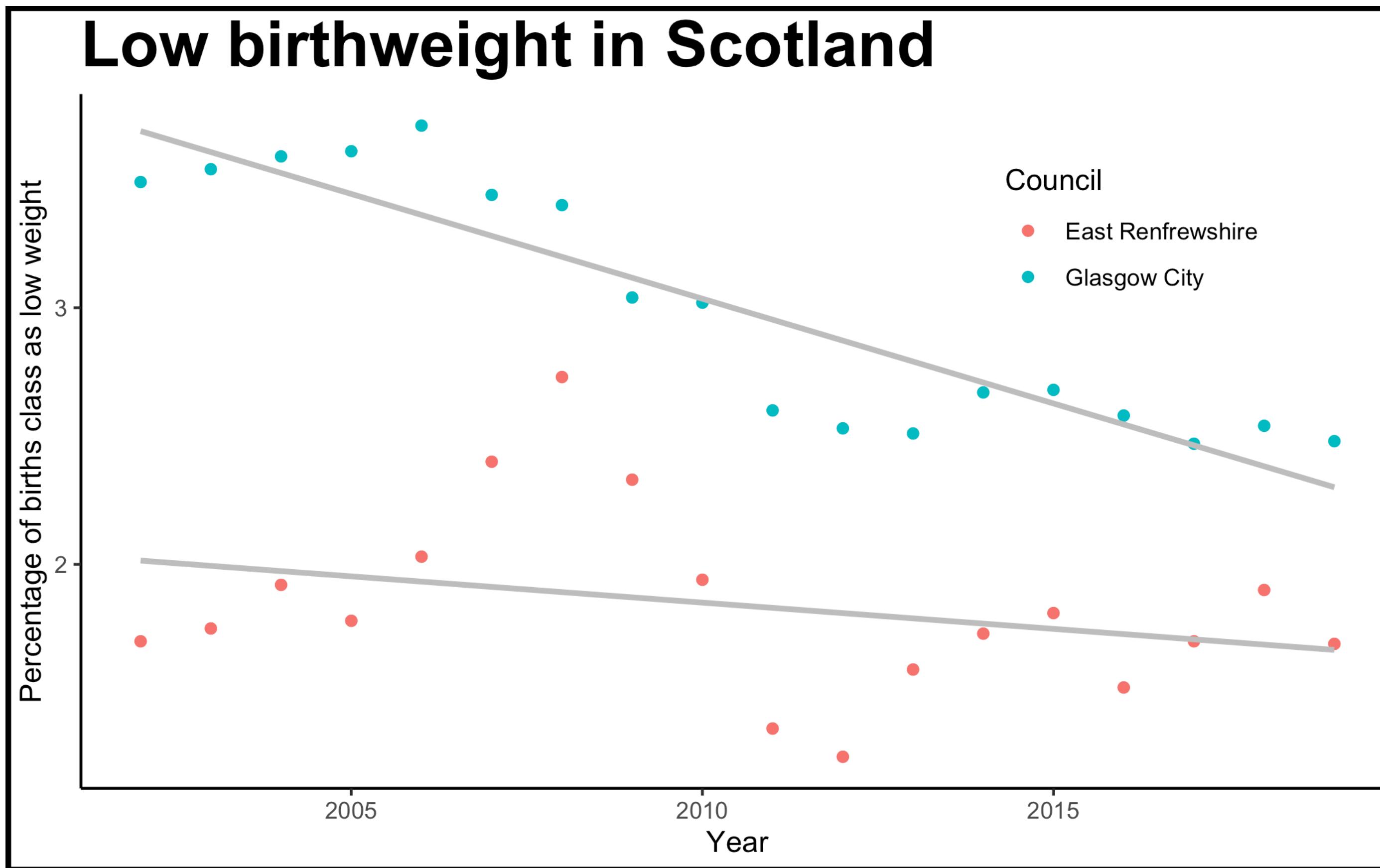
First-time mothers are getting older



Low birthweight and smoking



But the picture varies dramatically by area



Low birthweight and mother's age

