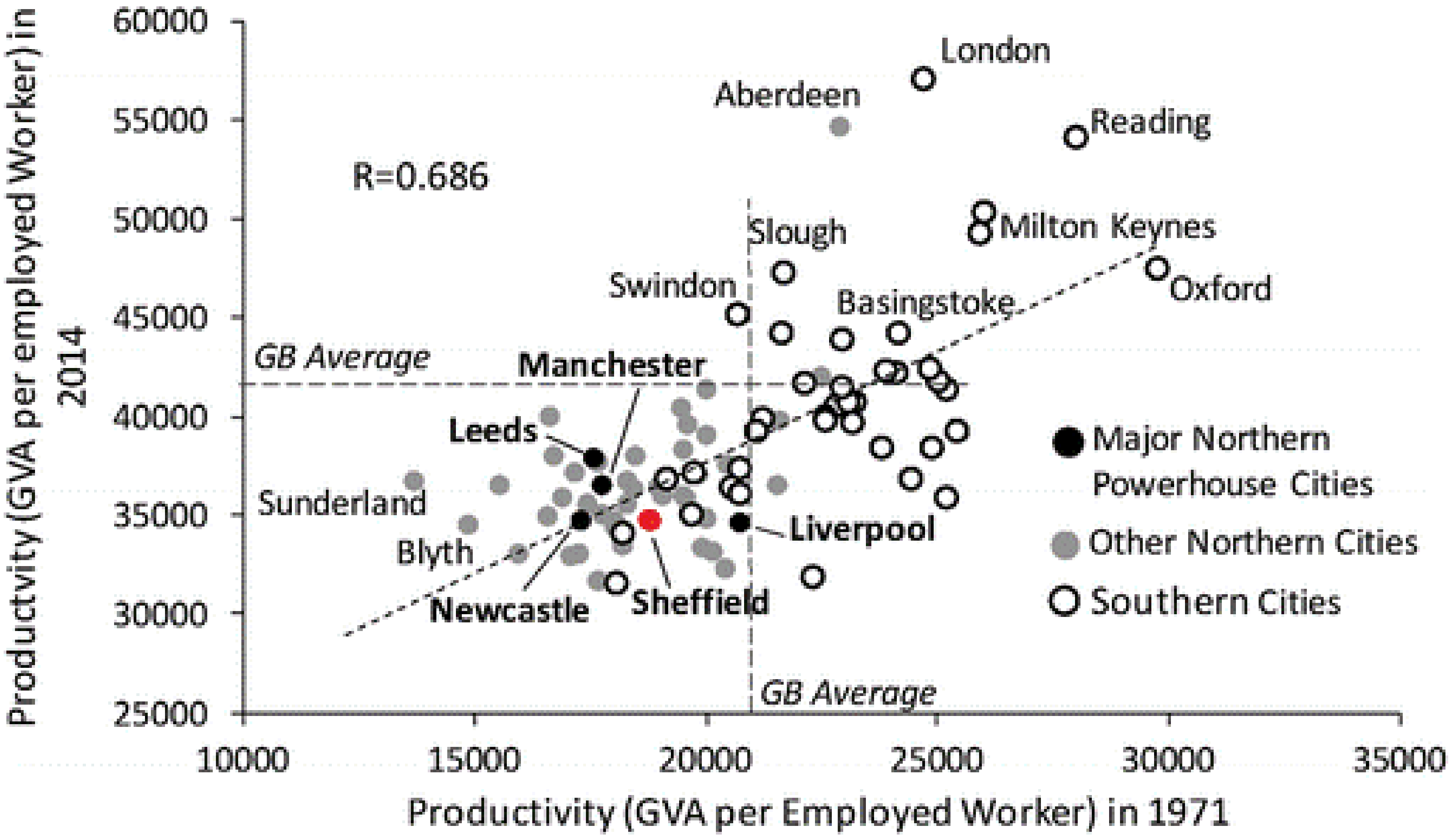
SEP & LIS EVIDENCE BASE

May 2019

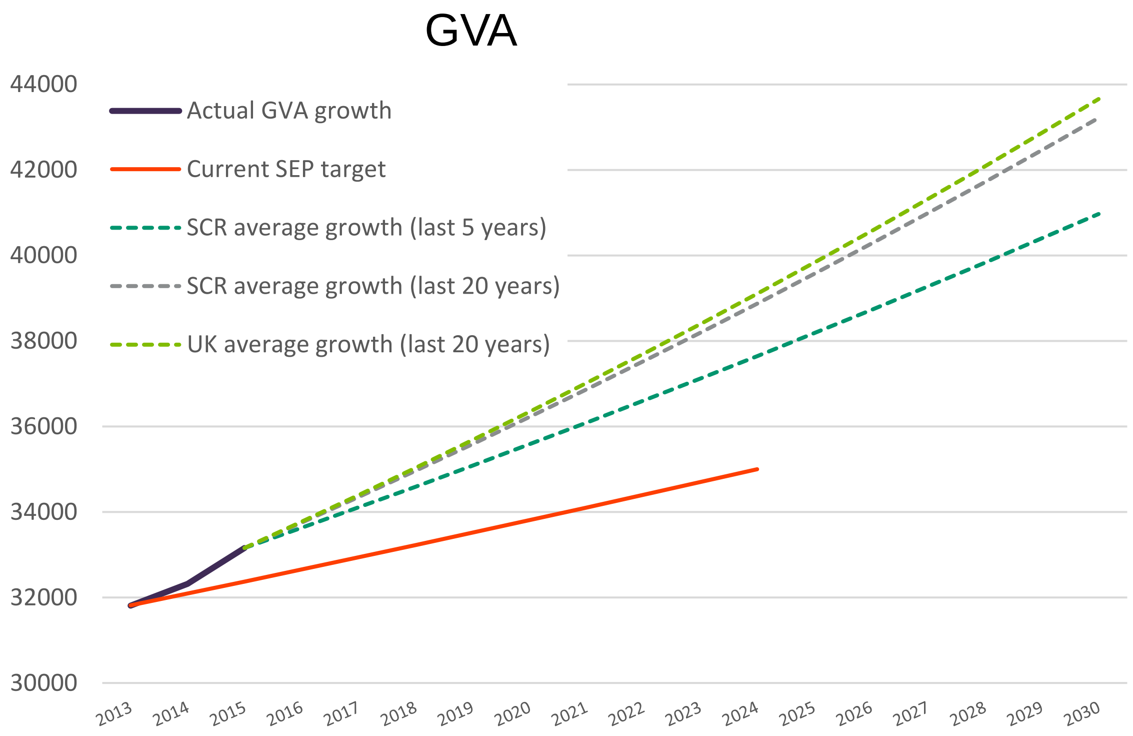
Sheffield City Region

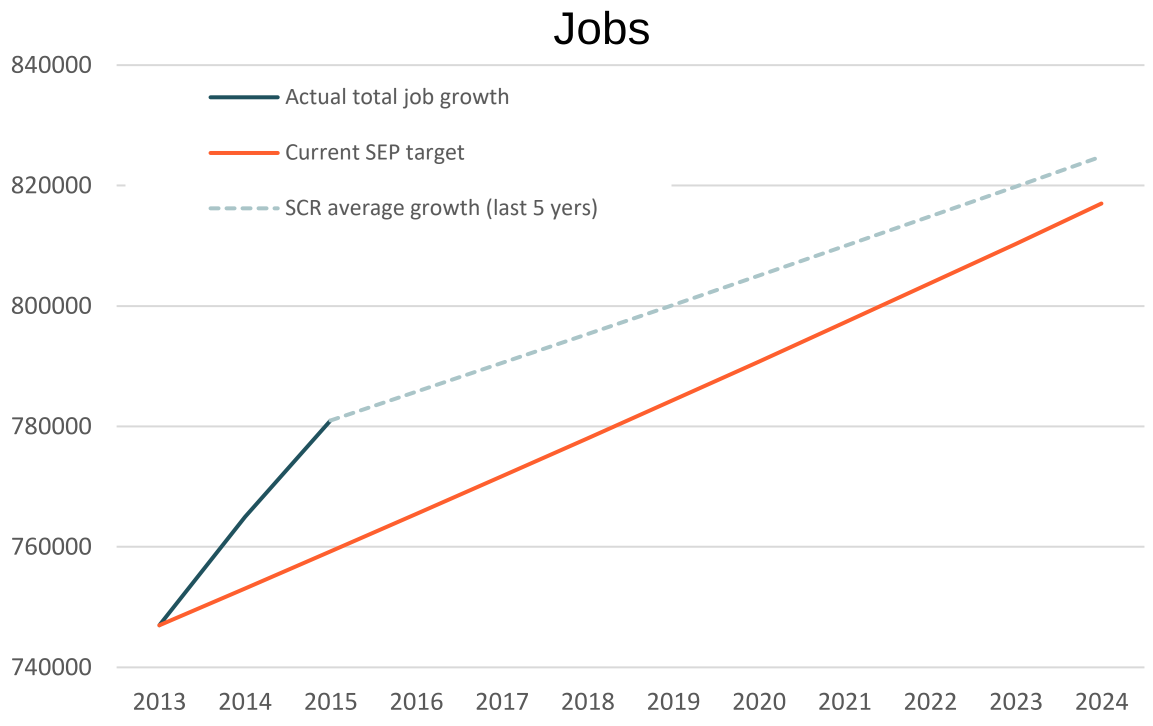
THE SCALE OF THE ECONOMIC CHALLENGE

Labour Productivity Across British Cities in 1971 and 2014 (Gross Value Added per employed worker at 2011 prices)



CURRENT SEP TARGETS – OUR PERFORMANCE





GVA PER HEAD (2017)

Barnsley:
GVA per head: £15,072
Growth since 2011: 15%

Doncaster:
GVA per head: £16,897
Growth since 2011: 18.1%

Sheffield:
GVA per head: £19,870
Growth since 2011: 7.1%

Rotherham
GVA per head: £17,289
Growth since 2011: 16.6%

Source: ONS GVA Estimates 2018

GVA PER WORKER (2017)

Barnsley:
GVA per head: £46,800
Growth since 2011: -2%

Doncaster:
GVA per head: £48,800
Growth since 2011: 0.12%

Rotherham
GVA per head: £48,000
Growth since 2011: -0.46%

Sheffield:
GVA per head: £50,600
Growth since 2011: -1.44%

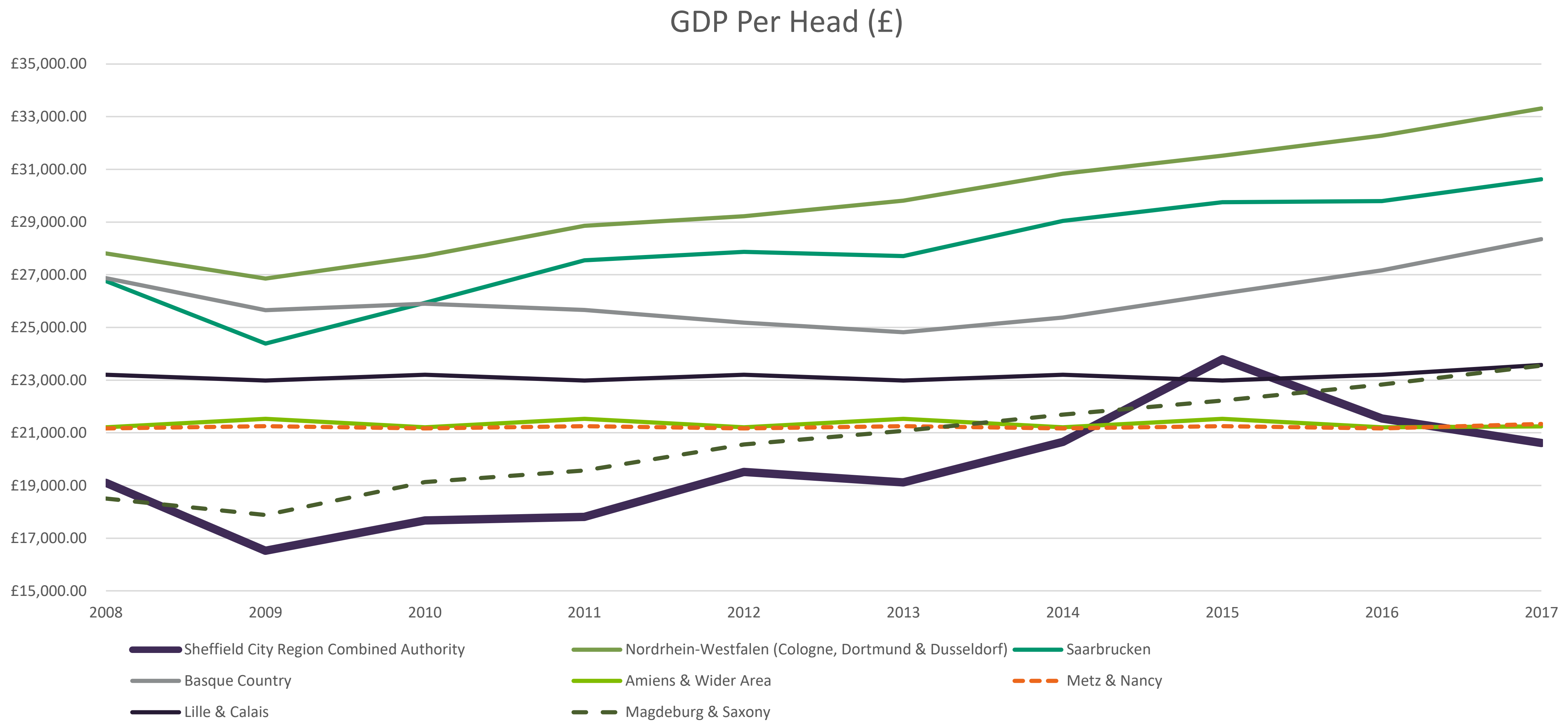
Source: ONS GVA Estimates 2018

SCR:
£43,500 per worker

Current Gap (increasing):
£6,260

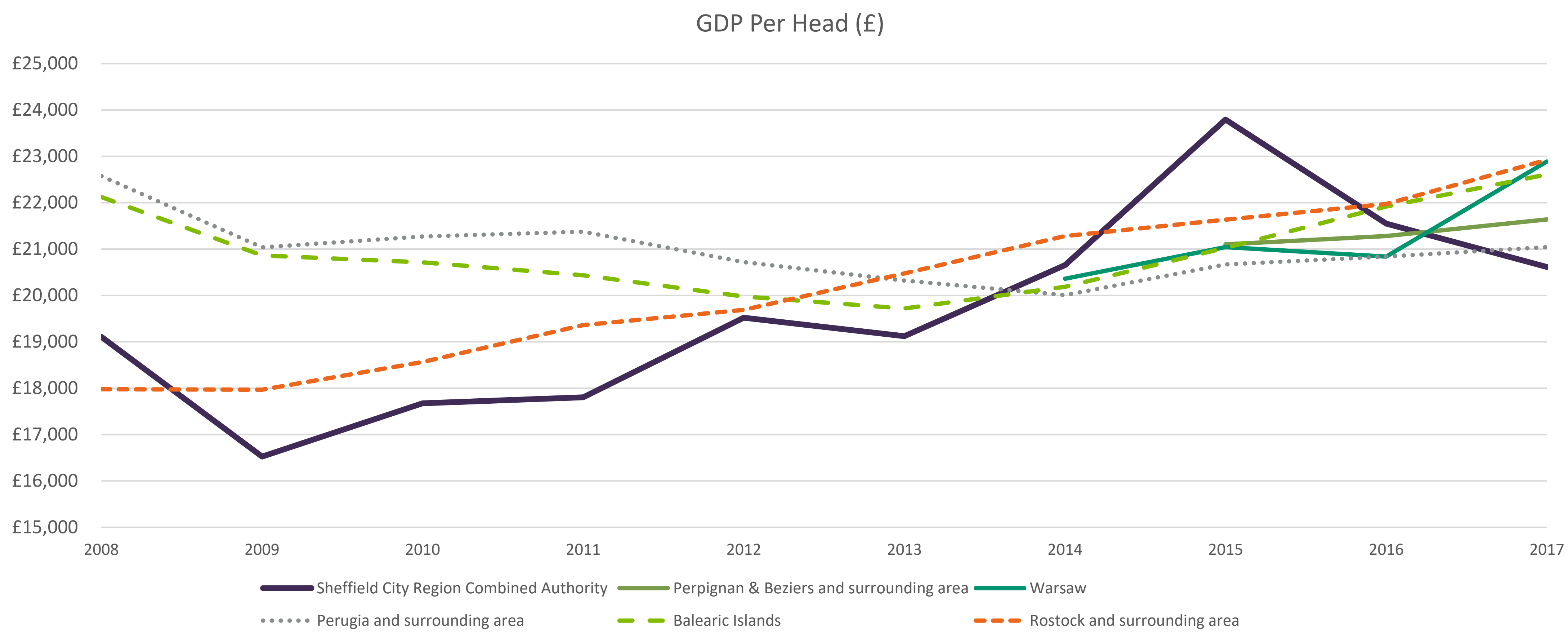
UK (without London):
£49,760 per worker

GDP PER HEAD - EUROPEAN COMPARISONS



Source: Eurostat GDP Regional Estimates 2018

GDP PER HEAD - EUROPEAN COMPARISONS (2)



Source: Eurostat GDP Regional Estimates 2018

GVA AND GDP COMPARISON - MOVING GRAPHS

GVA per Hour Worked, 2004 to 2017

GDP per Worker, 2008 to 2017

GDP per Filled Job (£), 2002 to 2017

SIZE OF OUR ECONOMY

Current Economy (2017/18): £35bn

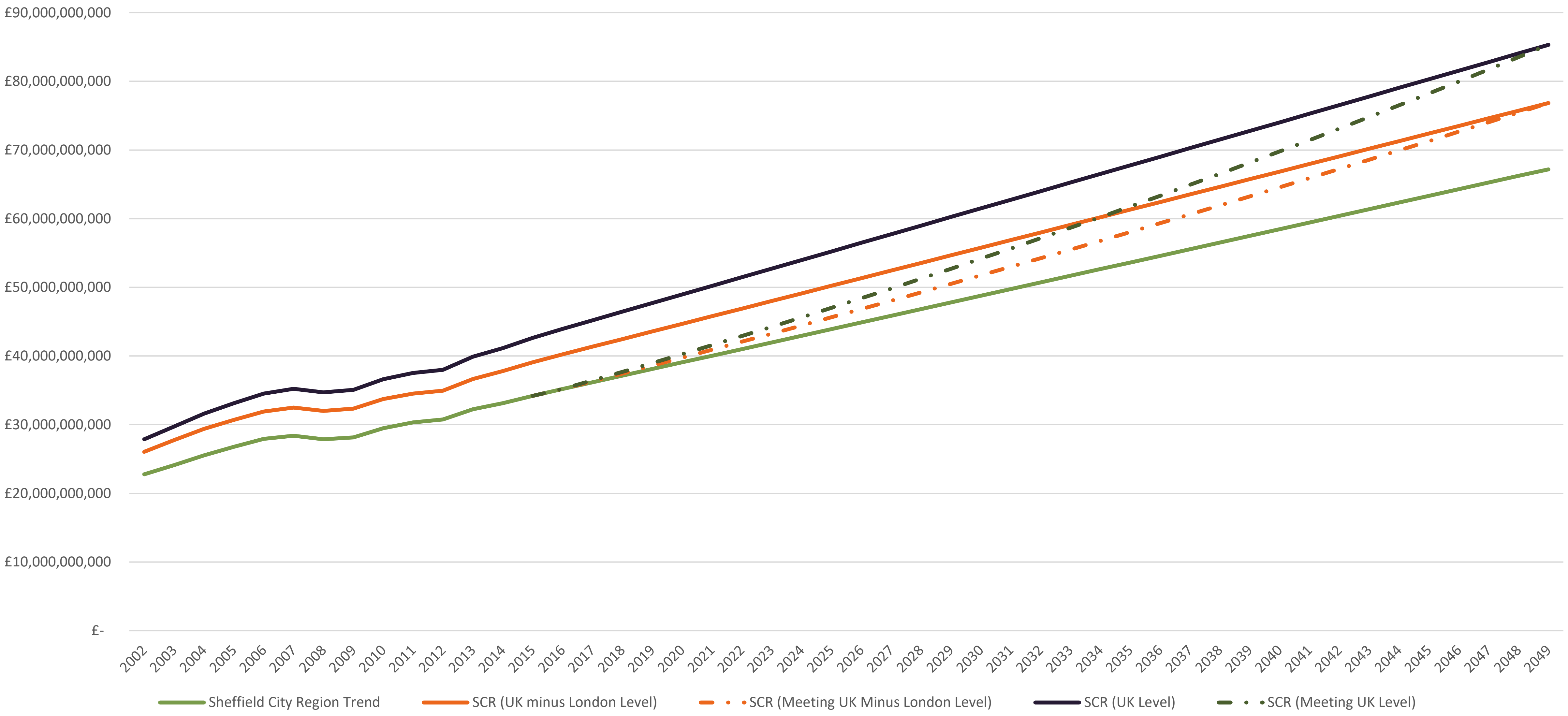
Size of economy if productivity matched UK (minus London): £40bn

Size of economy if productivity matched UK (with London): £44bn

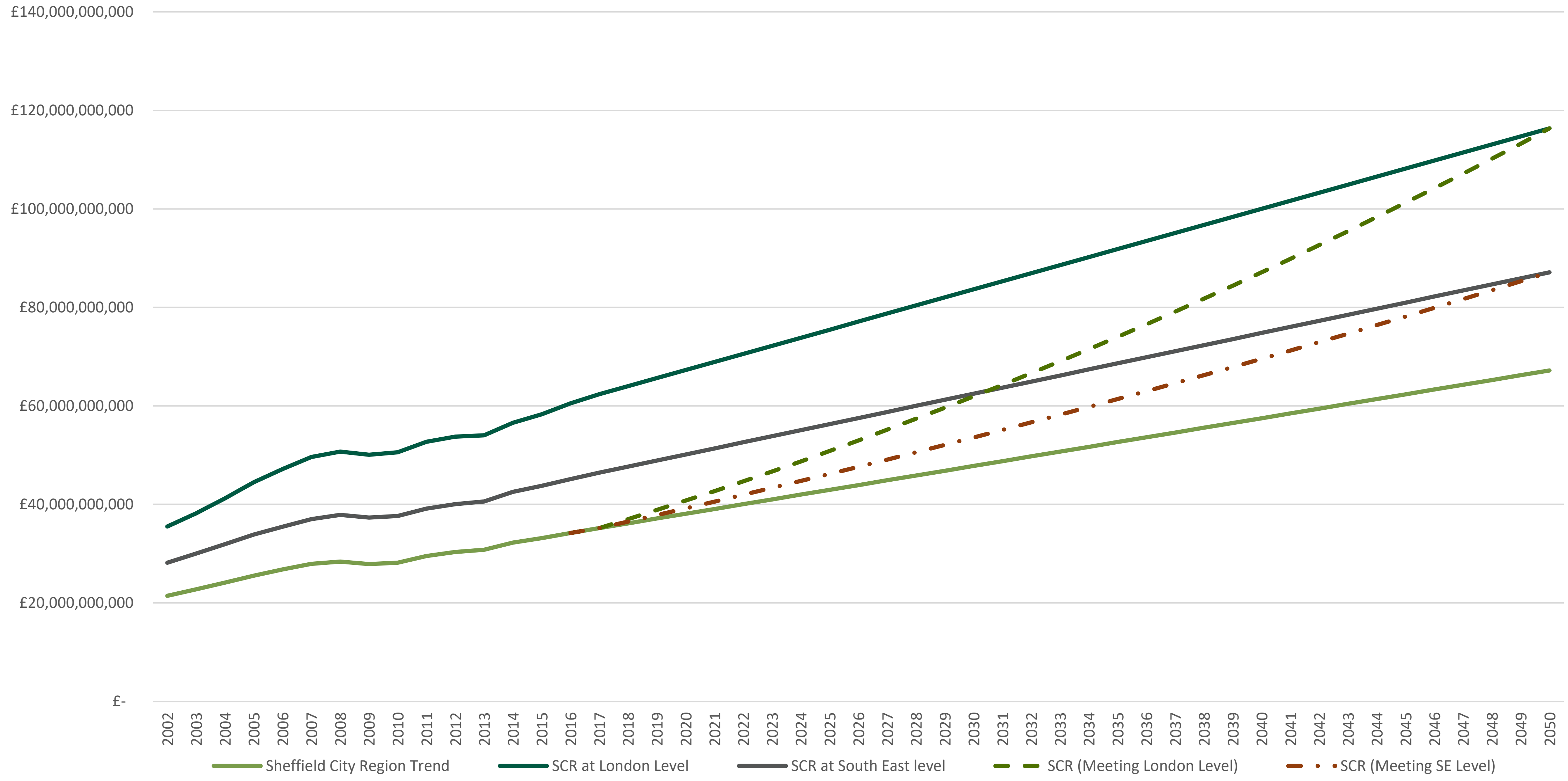
Size of economy if productivity matched South East: £46bn

Size of economy if productivity matched London: £62bn

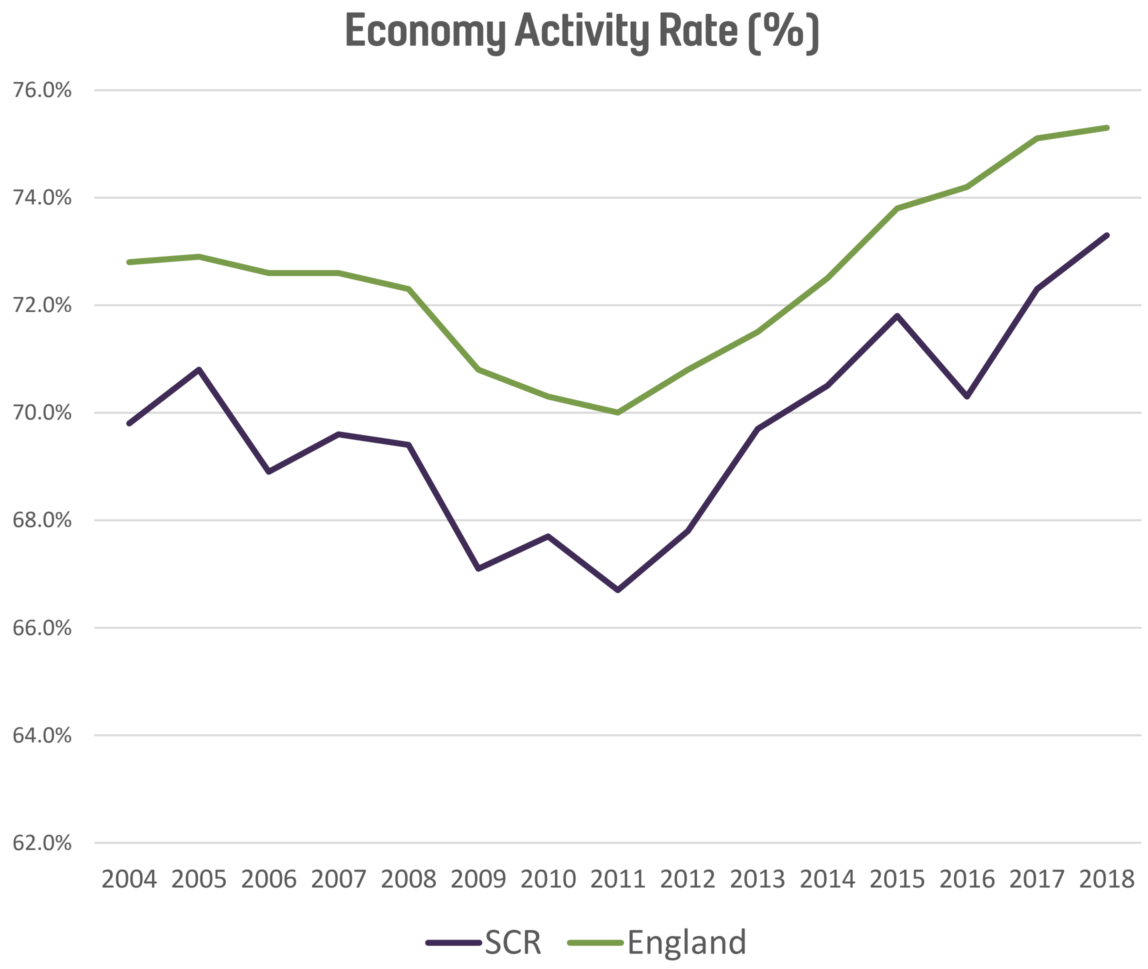
IMPROVE ECONOMIC OUTPUT ACROSS THE CITY REGION TO £65BN BY 2040 £76BN BY 2050

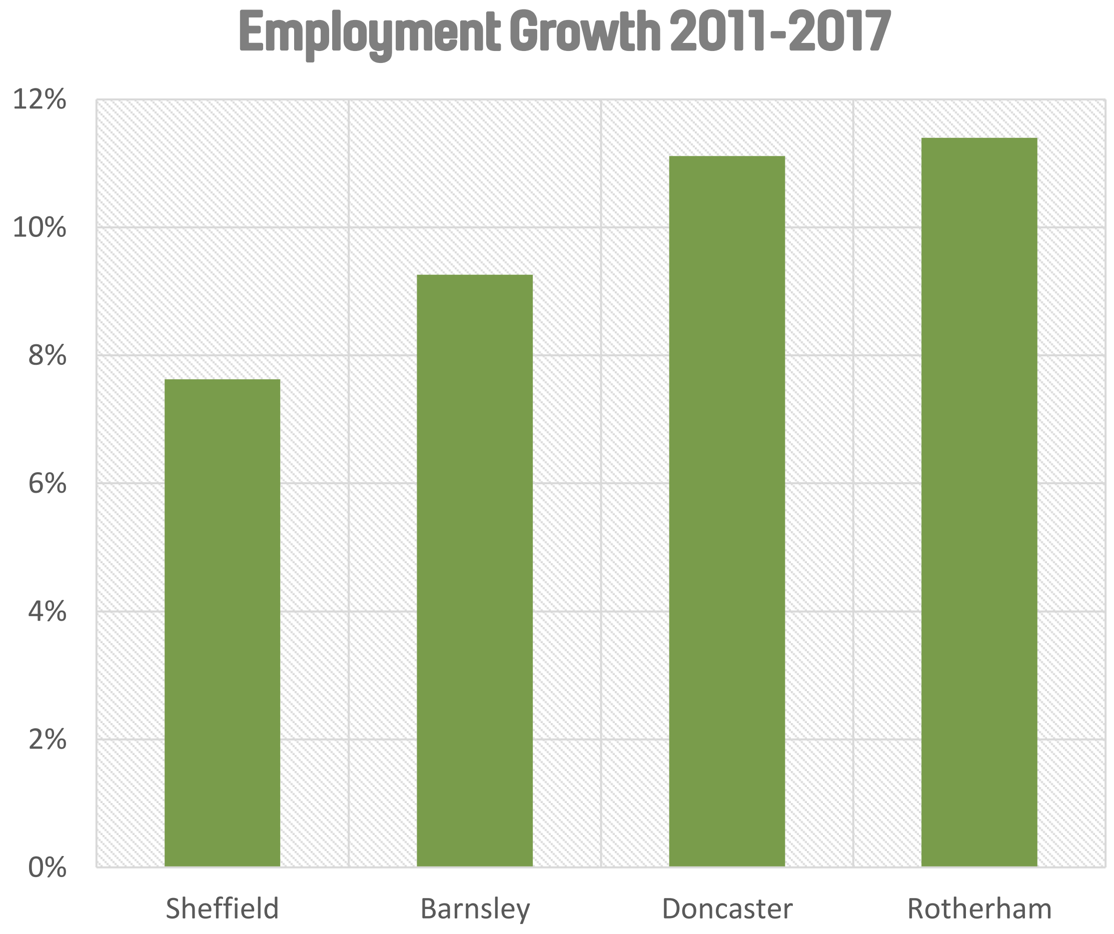


IMPROVE ECONOMIC OUTPUT ACROSS THE CITY REGION TO £90 BN 2050



EMPLOYMENT





Source: Annual Population Survey 2018 & EMSI 2018

EMPLOYMENT GROWTH

Barnsley:
78,600 (10% of SCR)
Growth since 2011: 9.6%

Doncaster:
121,350 (16% of SCR)
Growth since 2011: 11.1%

Rotherham
104,443 (14% of SCR)
Growth since 2011: 11.4%

Sheffield:
255,250 (34% of SCR)
Growth since 2011: 7.6%

Source: EMSI 2018

Economic Activity Rate in SCR:
73.2%

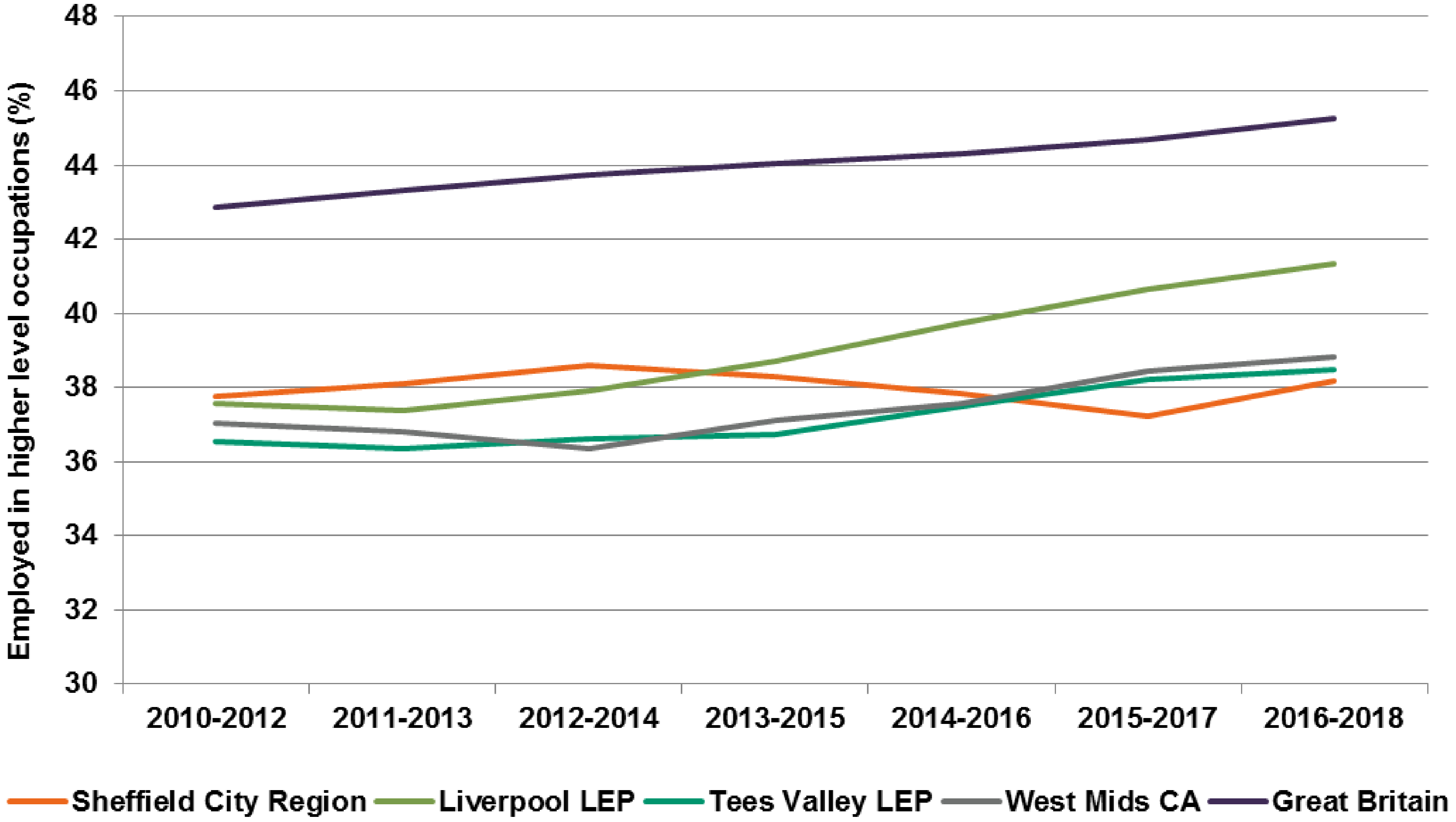
Current Gap (closing since 2016):
1.7%

Economic Activity Rate in England:
74.9%

BUT rise in employment has been in low skill, low pay sectors – jobs threatened by automation

Sheffield Hallam University | Centre for Regional Economic and Social Research

HIGHER LEVEL OCCUPATIONS

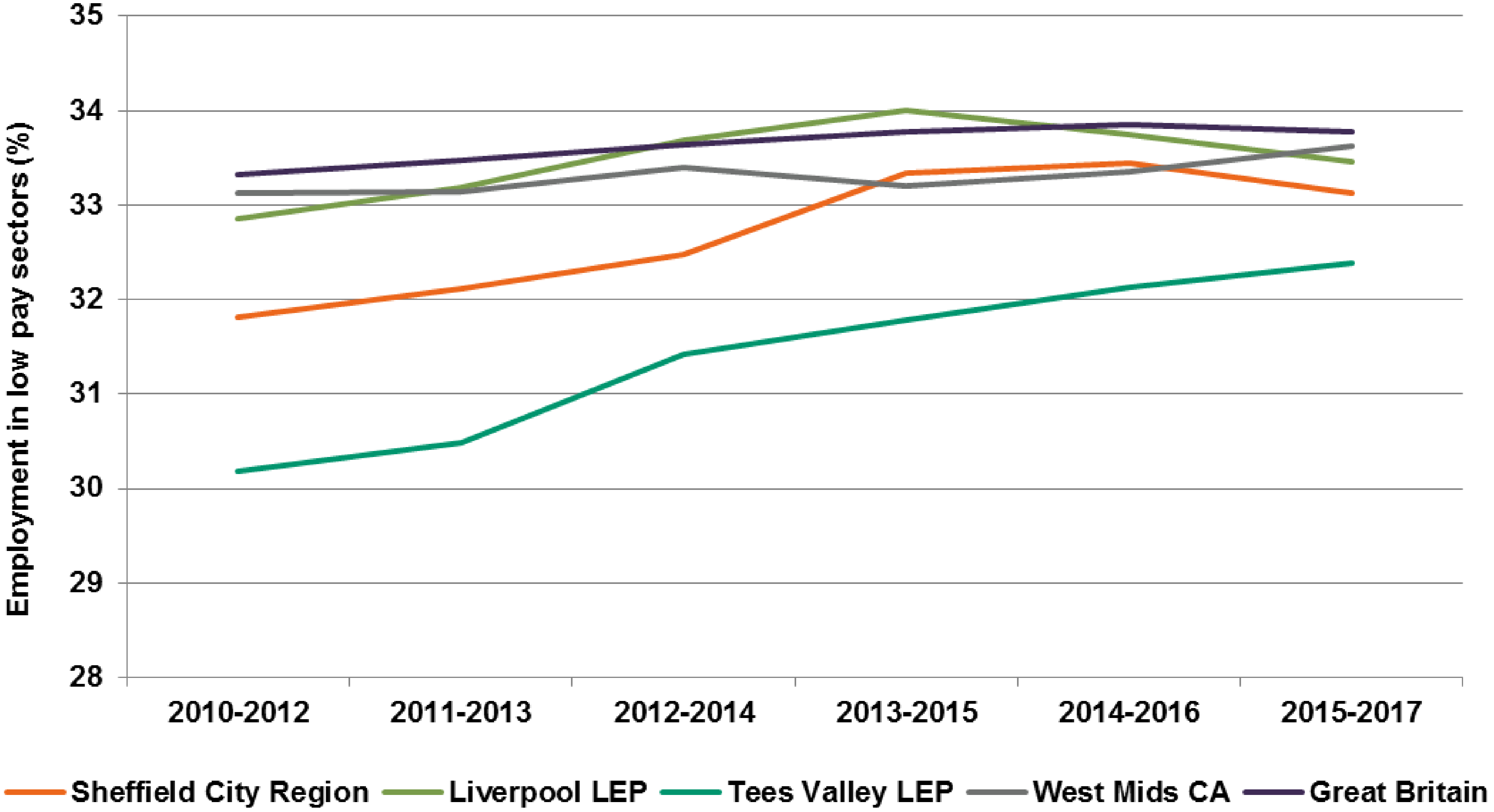


Source: Annual Population Survey

Notes: Higher level occupations includes: SOC 1- Managers, Directors and Senior Officials; SOC 2 - Professional Occupations; SOC 3 - Associate Professional and Technical Occupations.

Sheffield Hallam University | Centre for Regional Economic and Social Research

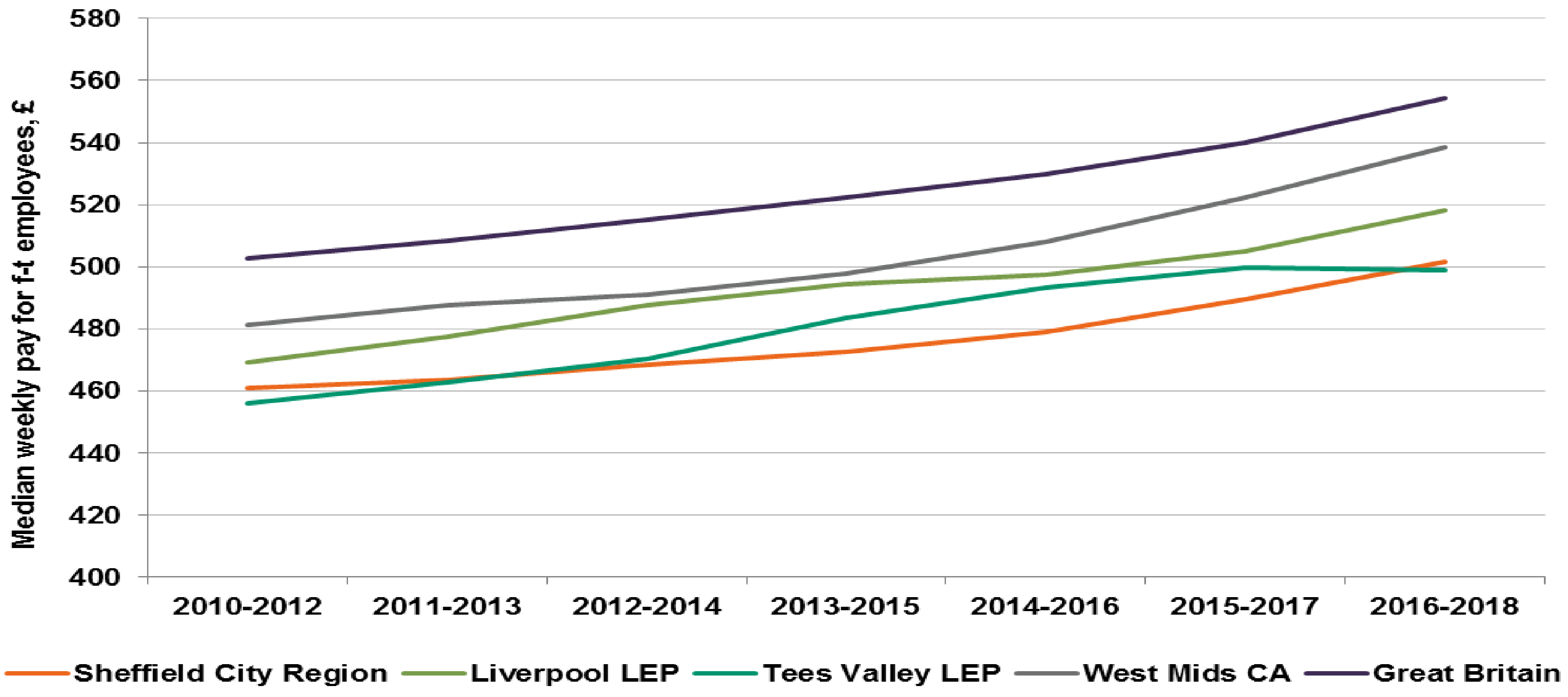
EMPLOYMENT IN LOW PAY SECTORS



Notes: Low pay sectors include 'Wholesale and retail trade; repair of motor vehicles and motorcycles', 'Accommodation and food service activities', 'Administrative and support service activities', 'Residential care activities'.

WAGES

Median gross weekly pay, full-time employees

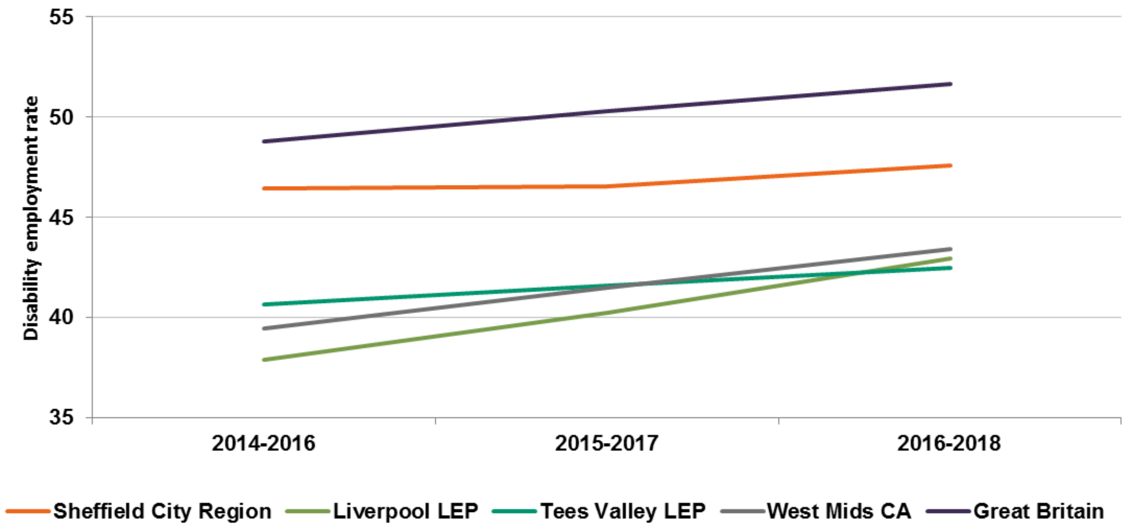


Source: CRESR Inclusive Growth Report 2019

Sheffield Hallam University | Centre for Regional Economic and Social Research

DISABILITY EMPLOYMENT RATE

– **Disability employment rate 16-64 year olds**

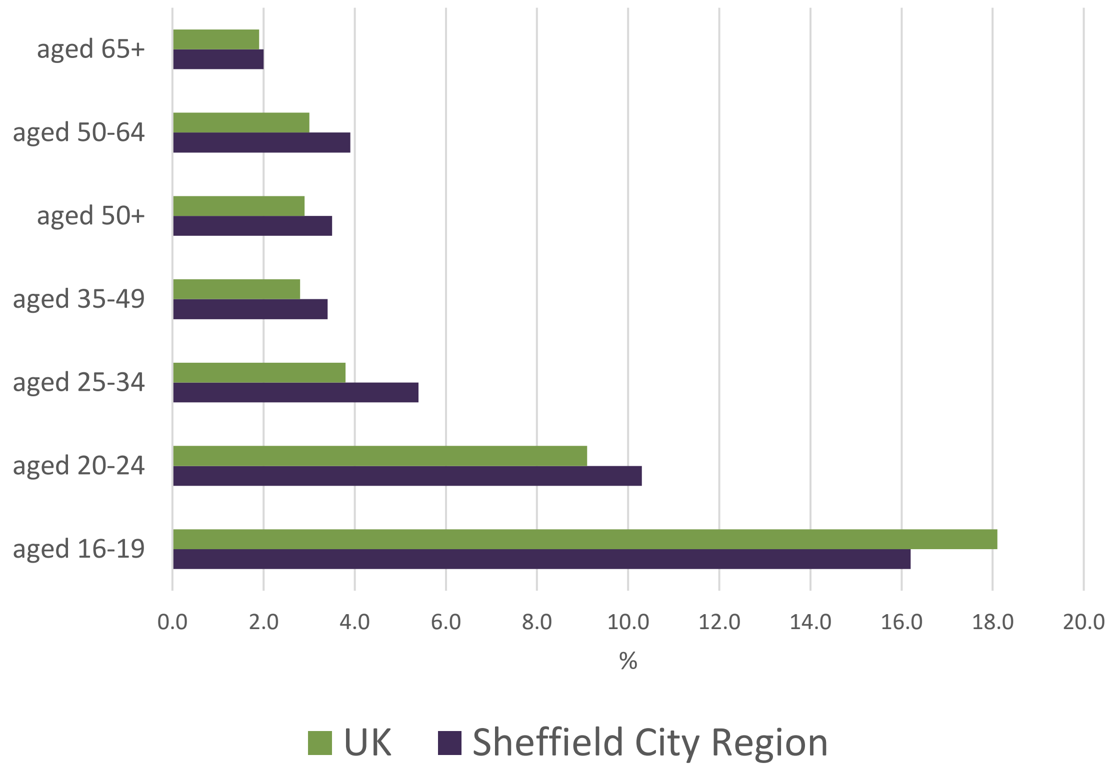


- Source: Annual Population Survey

- Increasing employment amongst people with long-term health conditions or people with disabilities is a key objects of the Government's Improving Lives White Paper.
- Nationally, employment rates for this group (Equality Act Core or Work Limited disabled) is far lower than amongst the non-disabled in 2016-2018; 51.6 per cent compared to 80.8 per cent.
- National employment rates amongst people with long-term health conditions or disabled people have improved since 2014-2016 by 2.9 percentage points.
- SCR experienced a slower rate of increase over the period of 1.2 percentage points to 47.6 per cent.
- This compares to an SCR employment rate for the non-disabled group of 80 per cent which is closer to the national average for this group.
- However, the disability employment rate in SCR is far higher than in the other comparator areas: Tees Valley, 42.5 per cent; Liverpool, 43 per cent; and West Midlands 43.4 per cent.

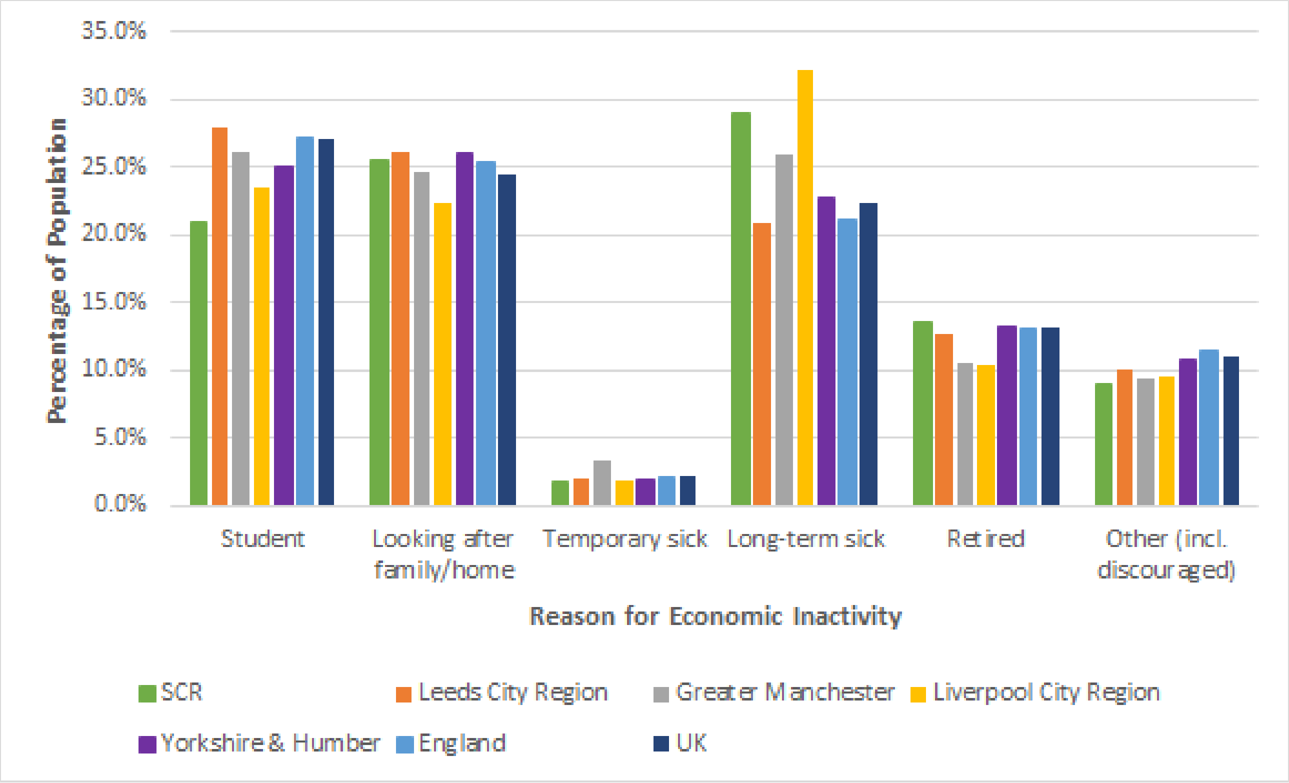
UNEMPLOYMENT & ECONOMIC INACTIVITY

Unemployment Rate



Source: Annual Survey or Hours & Earnings 2018 & Annual Population Survey 2018

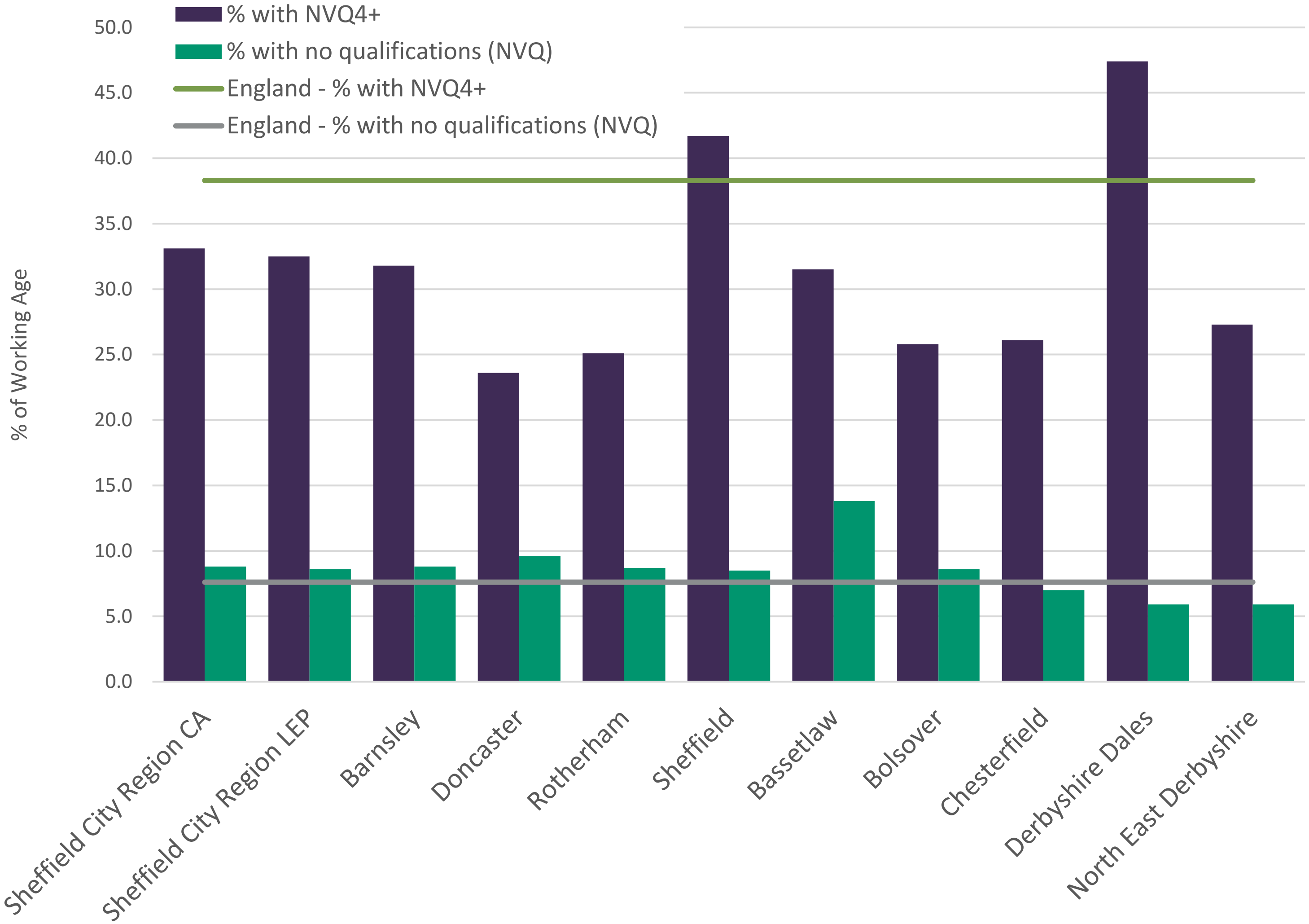
Reasons for Economic Inactivity



Source: ONS – Annual Population Survey 2017

SKILLS

% of residents with NVQ 4 and No Qualifications



Passes in English & Maths (GCSE 2016/17)

Geography	English and maths GCSEs	
	% pupils who achieved a strong 9-5 pass	% of pupils who achieved a standard 9-4 pass
England	40%	59%
Yorkshire and The Humber	41%	62%
Barnsley	39%	60%
Doncaster	39%	58%
Rotherham	37%	59%
Sheffield	39%	60%
Derbyshire	42%	65%
Nottinghamshire	46%	66%

Source: DfE (2018) and Annual Population Survey (2018)

SKILLS IN OUR WORKFORCE

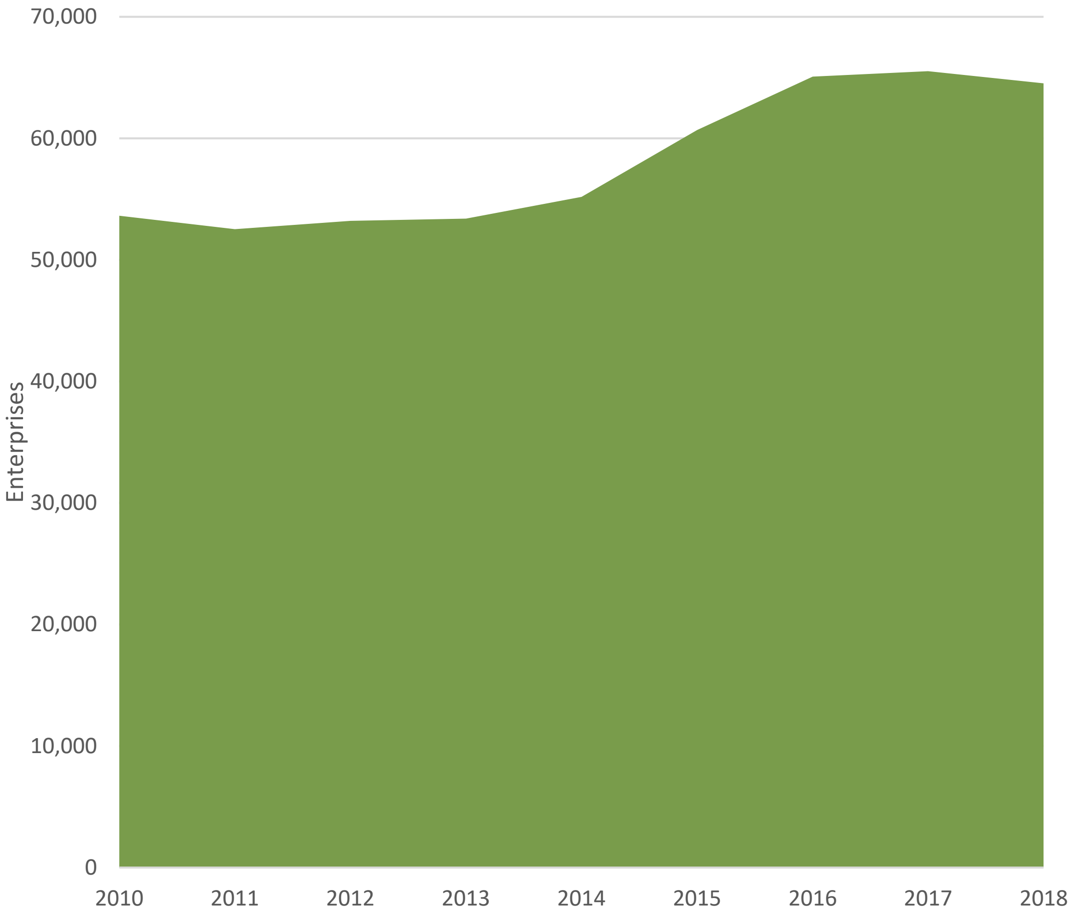
Current High Level Skills in Working Age Population (2017/8):
32.5%
373,100

High Level Skills in Working Age Population if share matched UK levels (38.3%):
439,450

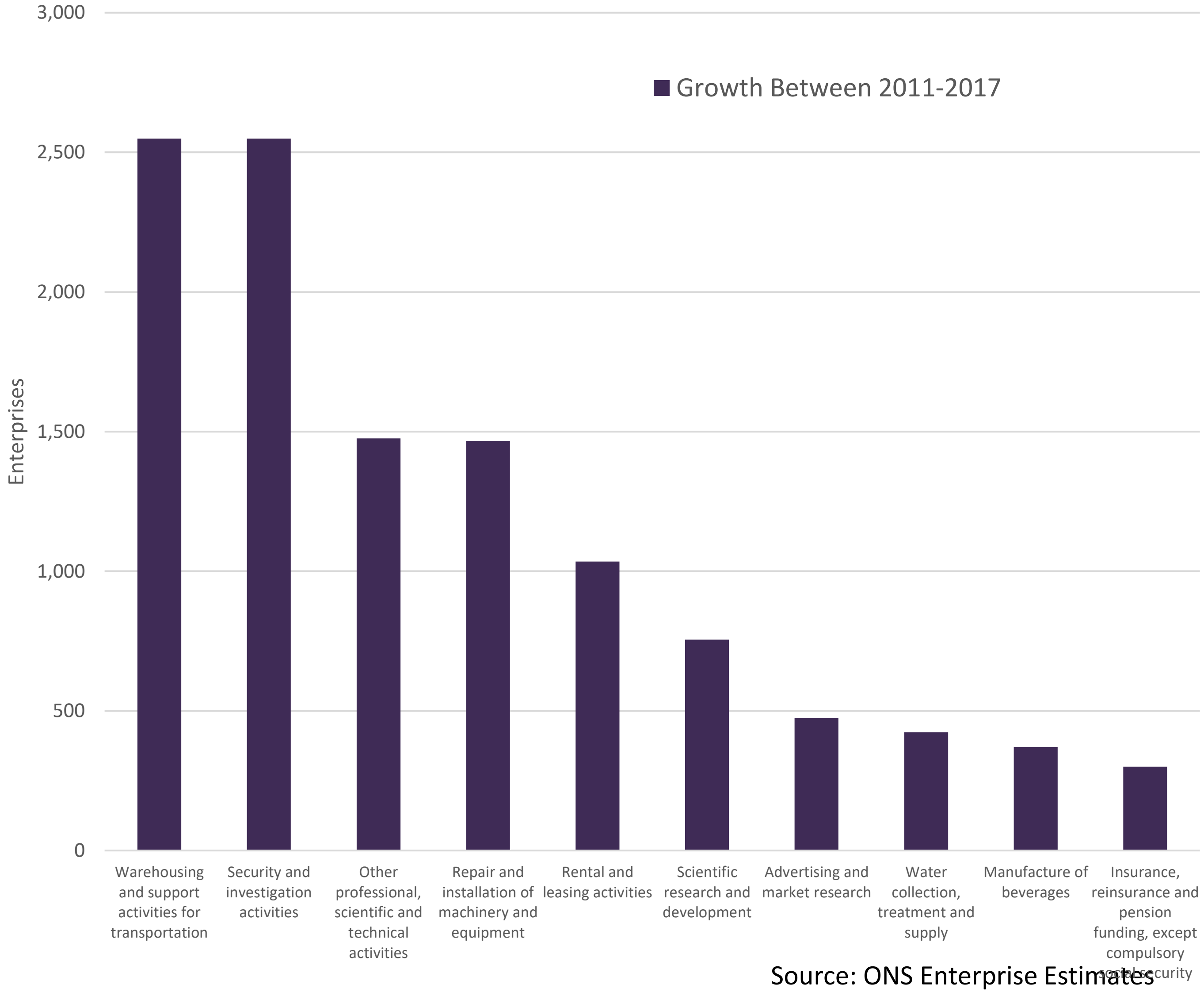
Gap:
66,000 people

BUSINESSES

Enterprises by year in Sheffield City Region



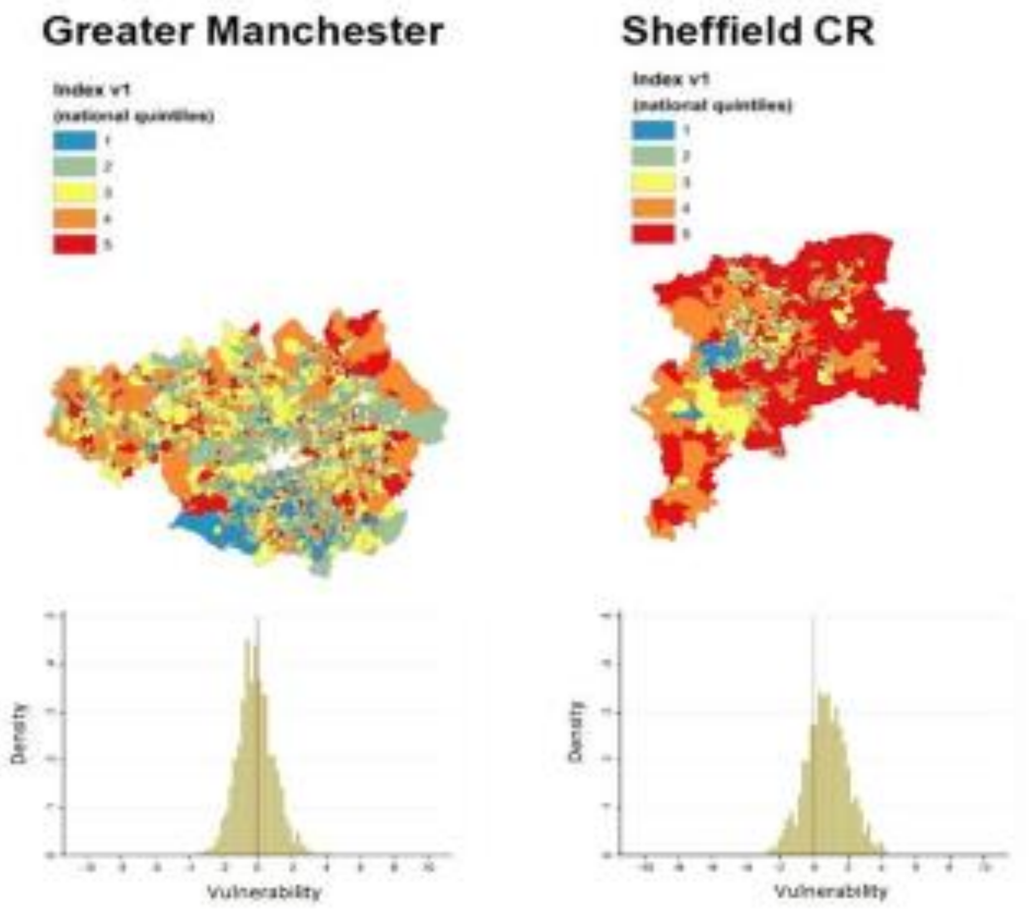
Growth "Sectors" in Sheffield City Region

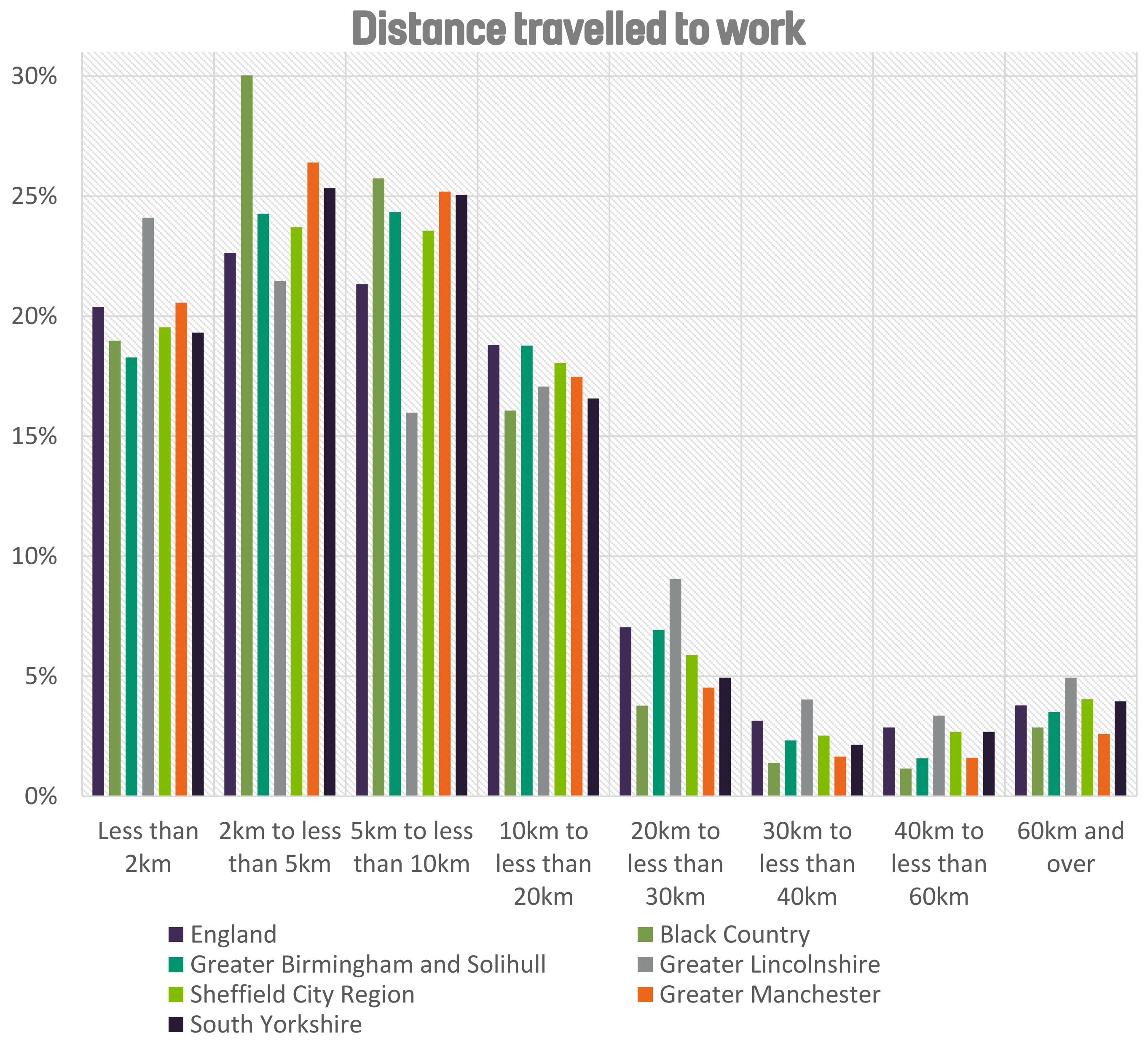


Source: ONS Enterprise Estimates

INFRASTRUCTURE

Vulnerability to oil price change (Red = Highly Vulnerable)

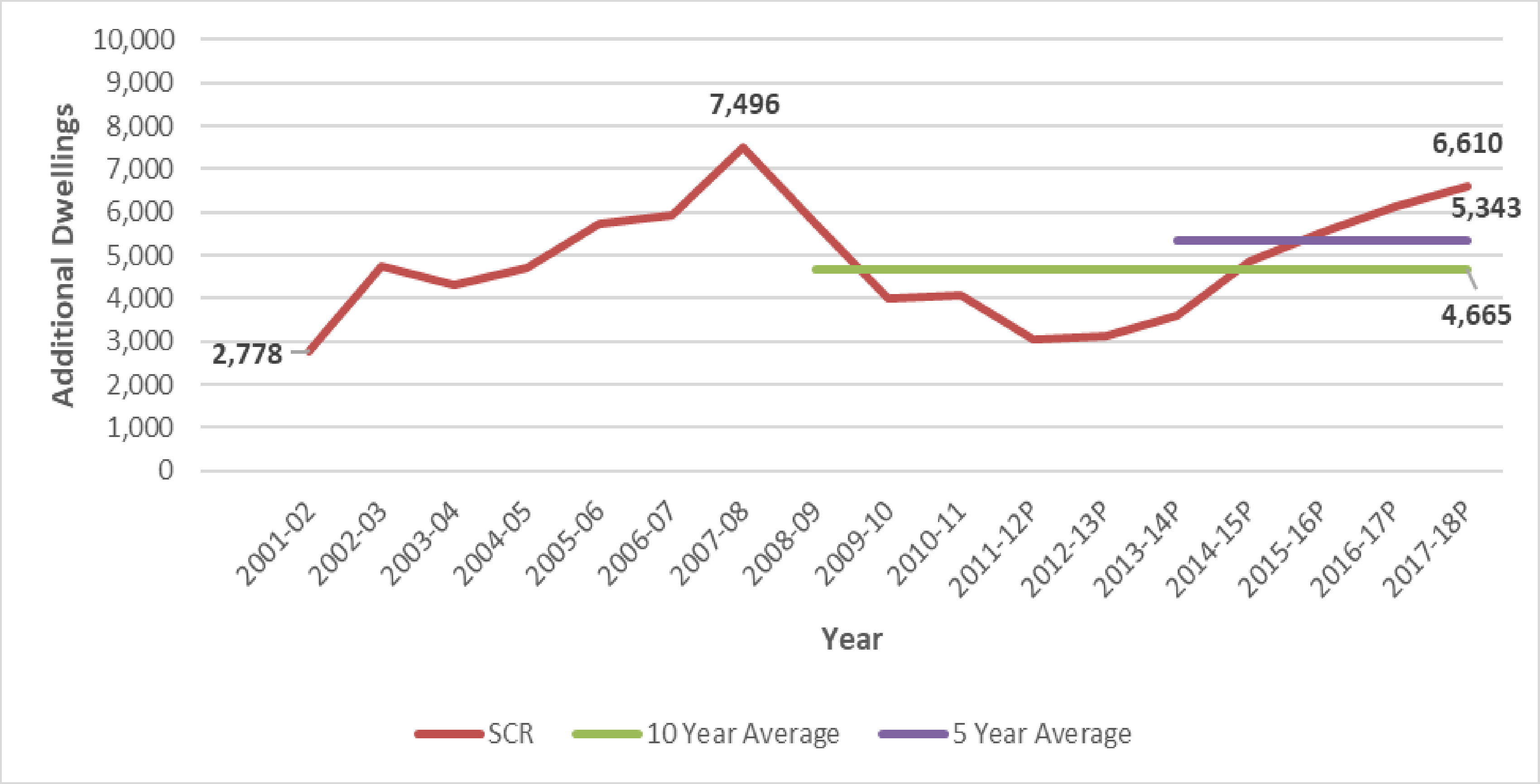




Source: Mattioli, G , Wadud, Z and Lucas, K (2018) Vulnerability to fuel price increases in the UK: A household level analysis. Transportation Research Part A: Policy and Practice, 113. pp. 227-242. & DFT (Yorkshire Figures) 2018

HOUSING

Net Additional Housing



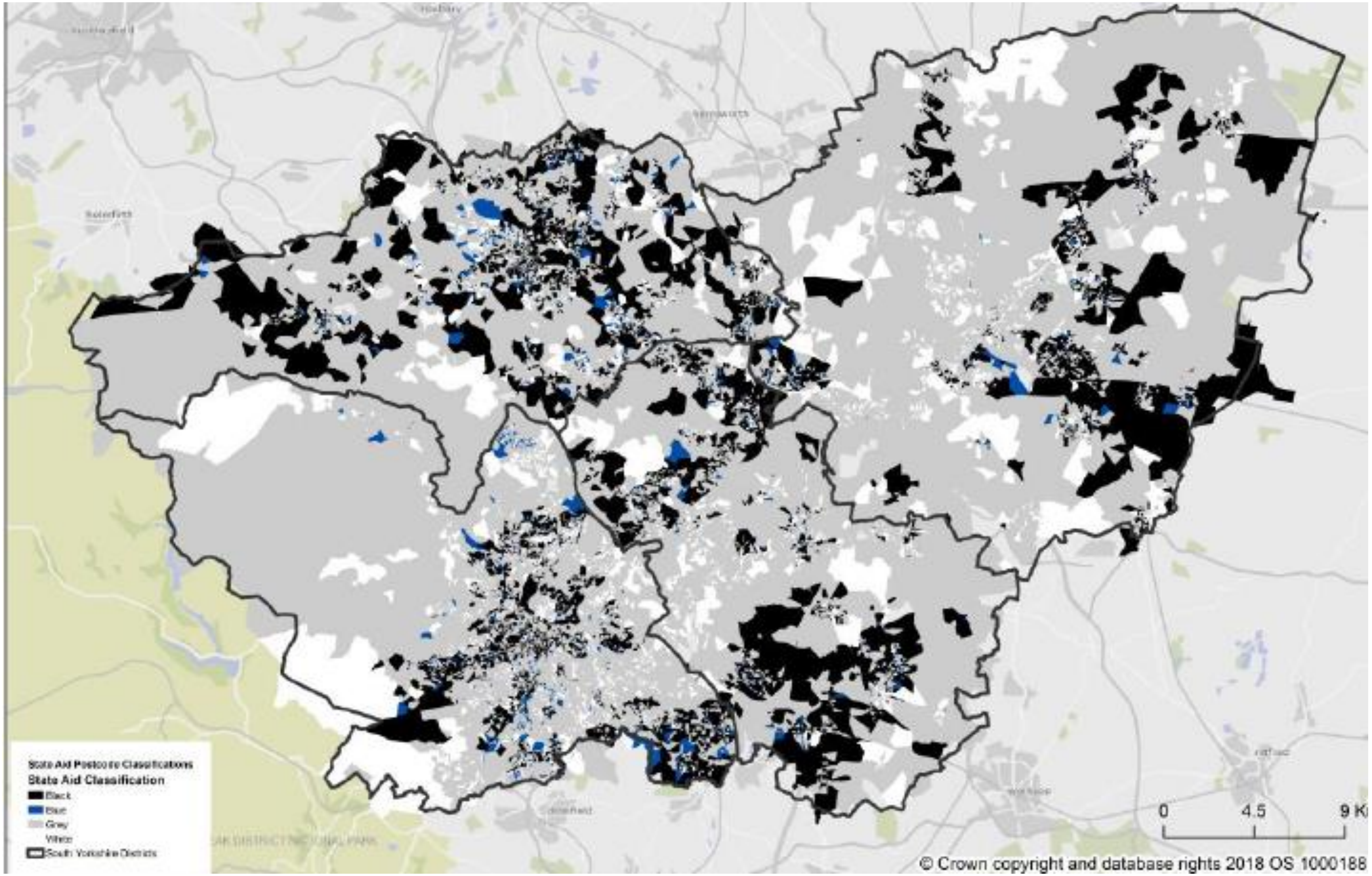
Source: MHCLG Live Table 122; Net Additional Dwellings by Local Authority Districts

Average house prices

Geography	House Price
England	£249,400
Yorkshire and Humber	£162,000
Barnsley	£124,100
Doncaster	£124,100
Rotherham	£140,600
Sheffield	£167,900
Bassetlaw	£158,100
Bolsover	£125,700
Chesterfield	£157,800
Derbyshire Dales	£267,300
North East Derbyshire	£178,600

DIGITAL

Coverage of superfast broadband (Blue & White = At risk or not covered)

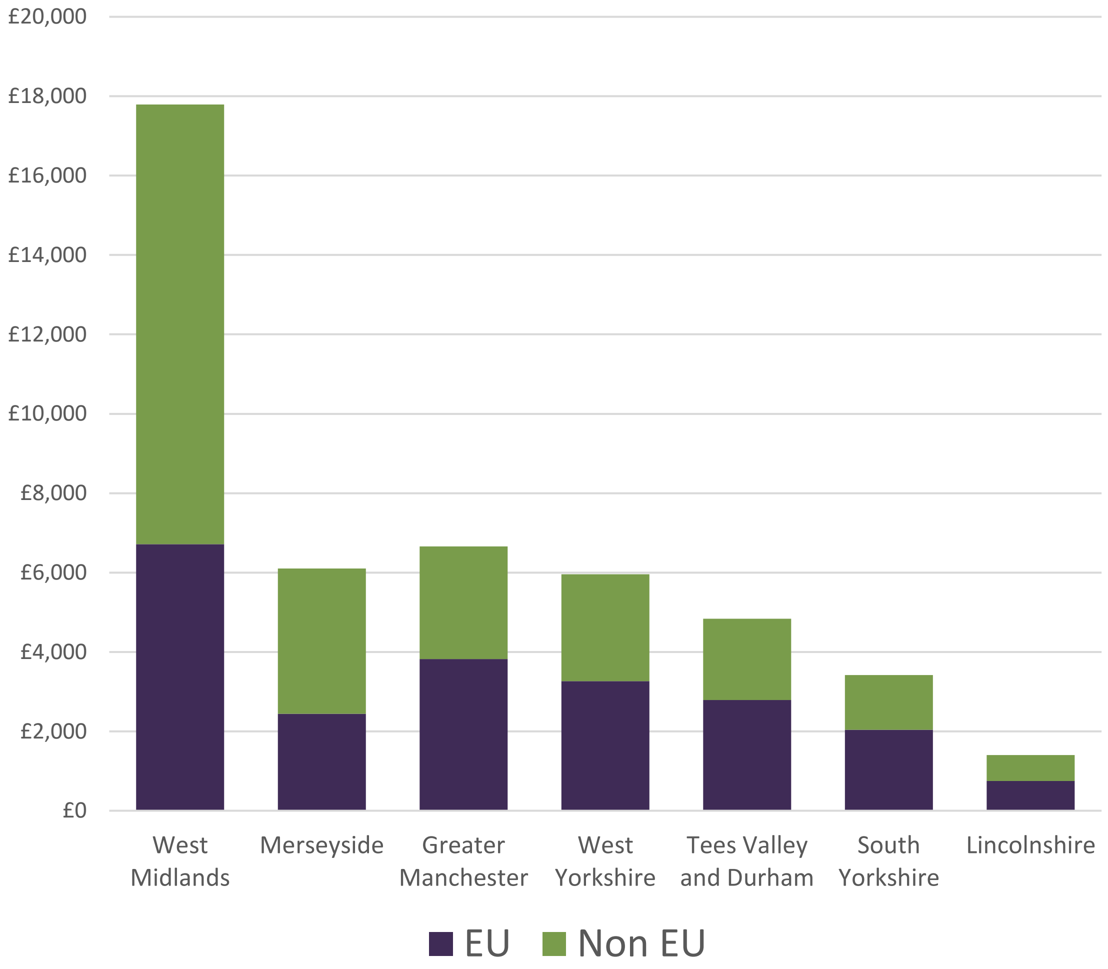


• Although superfast broadband (30mbps) coverage is over 97%, businesses and domestic consumers will require 100mbps to one gigabit connectivity over the next 5-10 years.

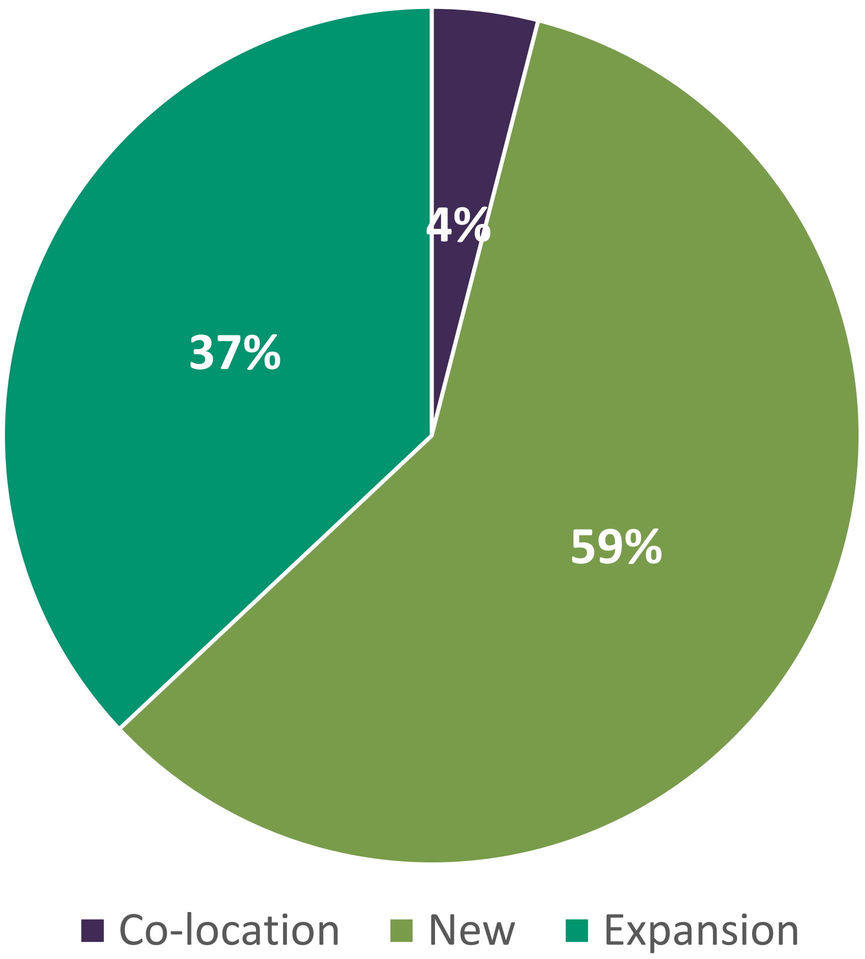
This will require full fibre coverage and currently the city region has only half the national average coverage unless FTTP and FTTH investment is accelerated.

TRADE & INWARD INVESTMENT

EU & Non EU Exports of Goods (by Value)



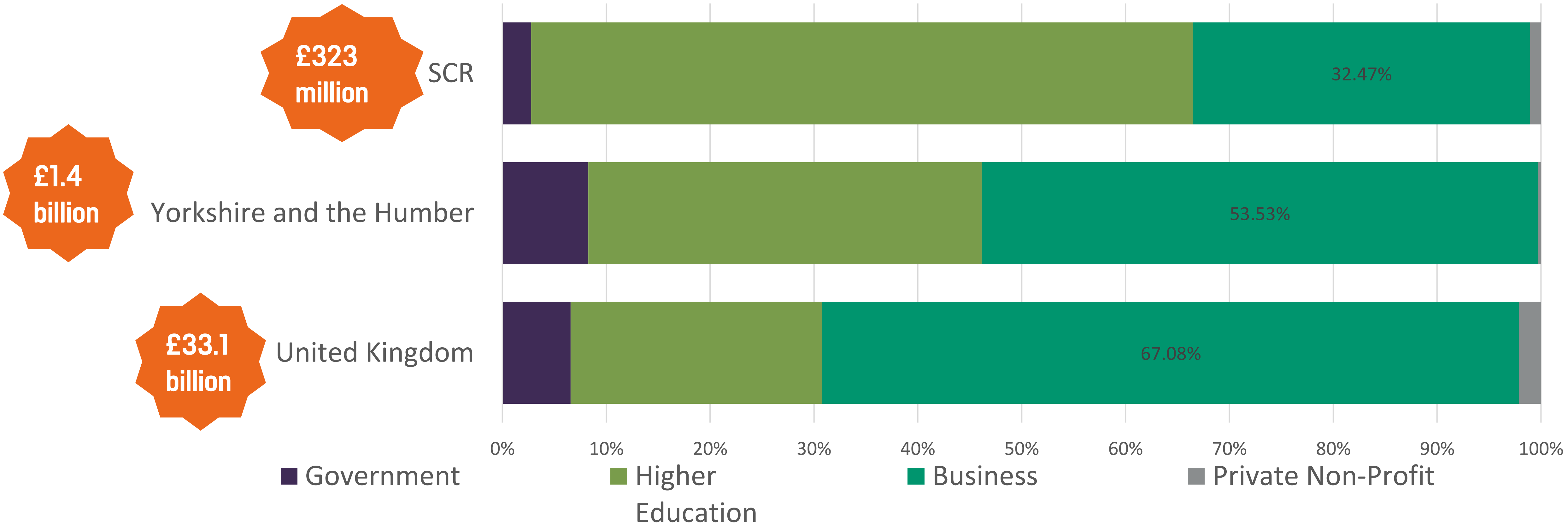
FDI by Project Type 2006-16 (94 Projects)



Source: FDI Trends 2016 & DTI Export Estimates 2018

INNOVATION

Make up of investment in UK R&D



Source: ONS (2018) UK gross domestic expenditure on research and development

End slide
Policy & Assurance Team
May 2019

Sheffield City Region