

# Peoples Commission

13<sup>th</sup> August 2014

# First data pack to cover

- Health outcomes in the area
- Financial information
- Travel distances to Hospital services
- Usage of hospital provision

What other data /analysis is required ?

## EXHIBIT ES-1. OVERALL RANKING

### COUNTRY RANKINGS

Top 2*
Middle
Bottom 2*



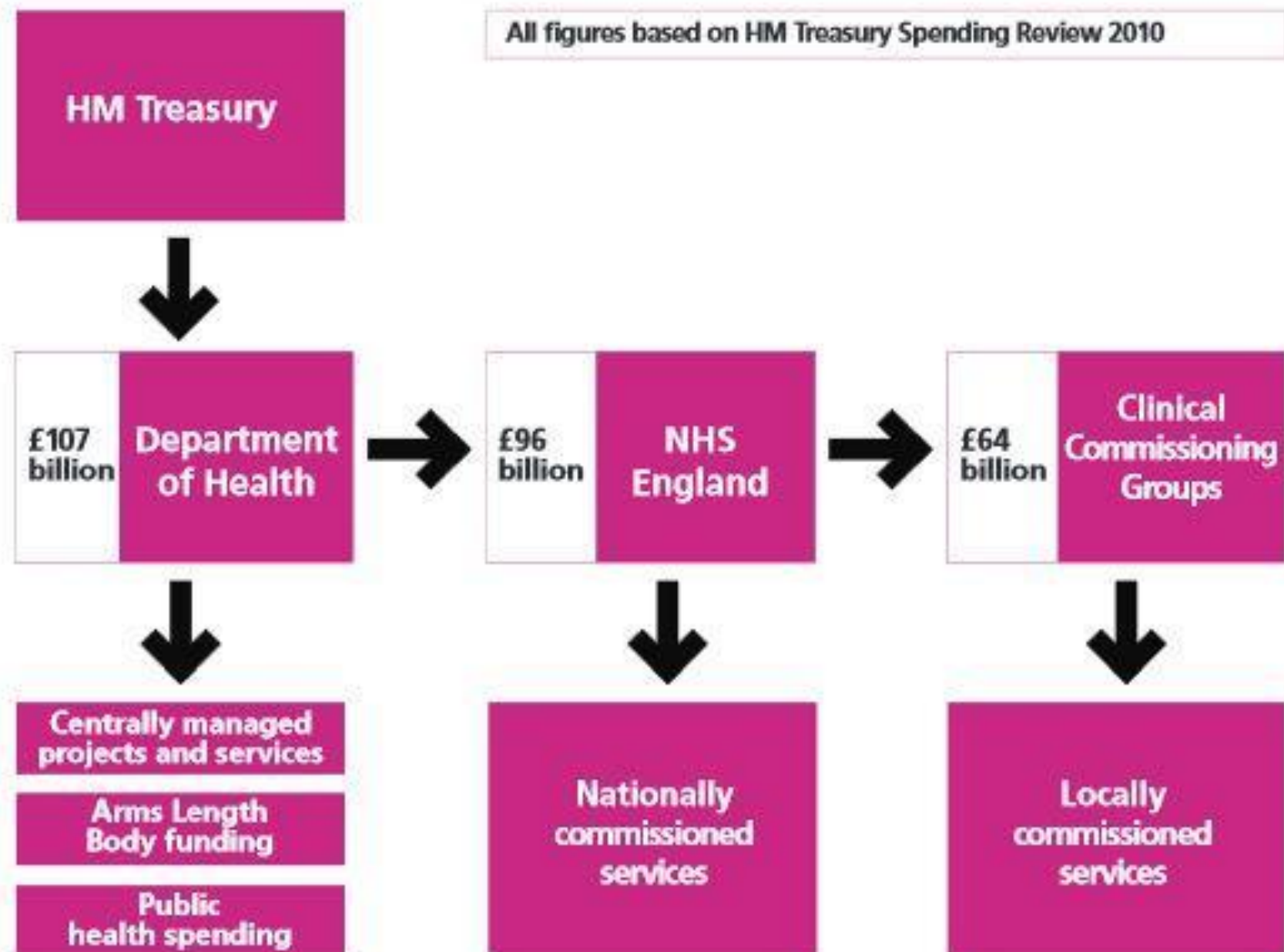
	AUS	CAN	FRA	GER	NETH	NZ	NOR	SWE	SWIZ	UK	US
<b>OVERALL RANKING (2013)</b>	4	10	9	5	5	7	7	3	2	1	11
<b>Quality Care</b>	2	9	8	7	5	4	11	10	3	1	5
Effective Care	4	7	9	6	5	2	11	10	8	1	3
Safe Care	3	10	2	6	7	9	11	5	4	1	7
Coordinated Care	4	8	9	10	5	2	7	11	3	1	6
Patient-Centered Care	5	8	10	7	3	6	11	9	2	1	4
<b>Access</b>	8	9	11	2	4	7	6	4	2	1	9
Cost-Related Problem	9	5	10	4	8	6	3	1	7	1	11
Timeliness of Care	6	11	10	4	2	7	8	9	1	3	5
<b>Efficiency</b>	4	10	8	9	7	3	4	2	6	1	11
<b>Equity</b>	5	9	7	4	8	10	6	1	2	2	11
<b>Healthy Lives</b>	4	8	1	7	5	9	6	2	3	10	11
<b>Health Expenditures/Capita, 2011**</b>	<b>\$3,800</b>	<b>\$4,522</b>	<b>\$4,118</b>	<b>\$4,495</b>	<b>\$5,099</b>	<b>\$3,182</b>	<b>\$5,669</b>	<b>\$3,925</b>	<b>\$5,643</b>	<b>\$3,405</b>	<b>\$8,508</b>

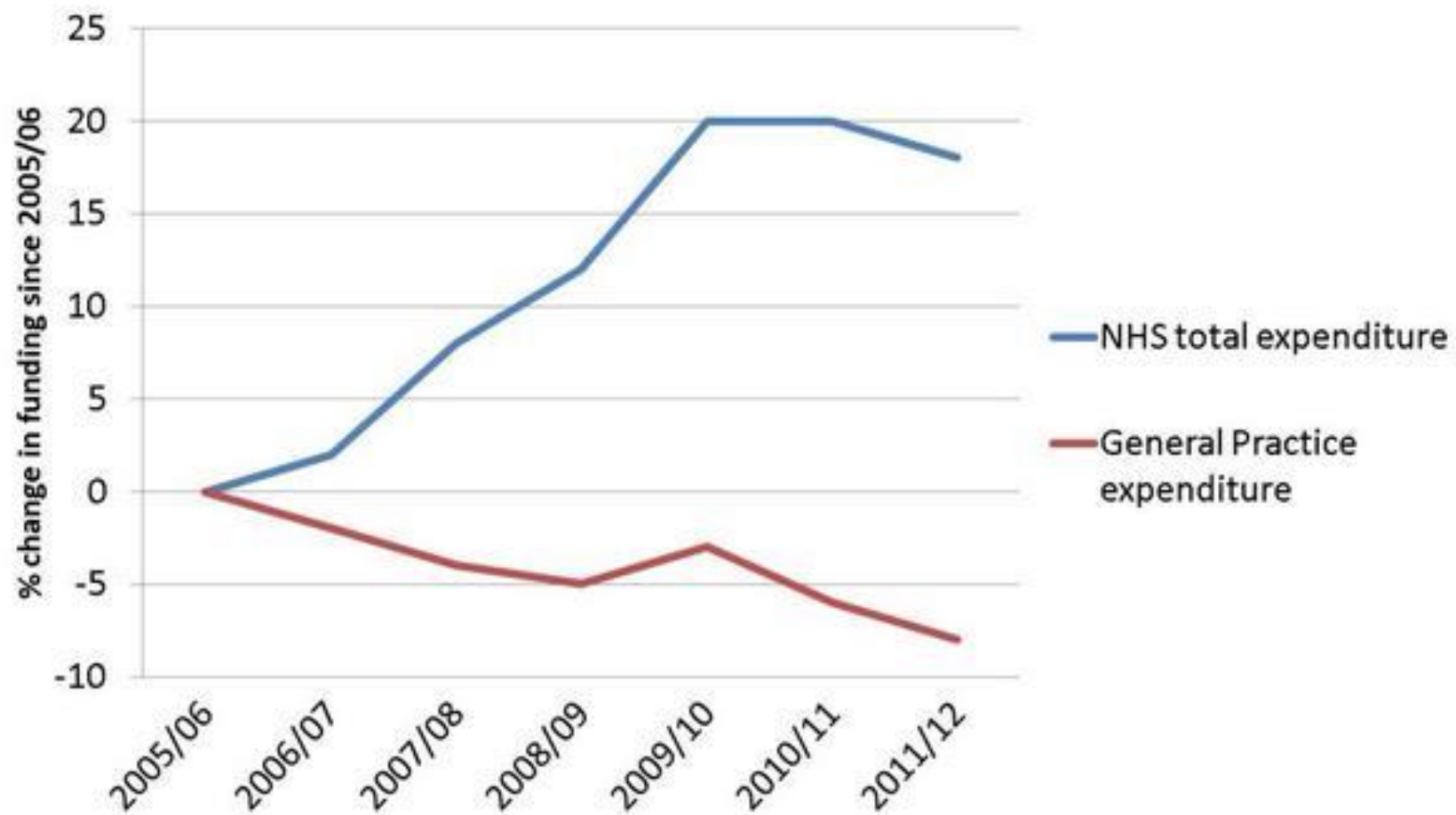
Notes: \* Includes ties. \*\* Expenditures shown in \$US PPP (purchasing power parity); Australian \$ data are from 2010.

Source: Calculated by The Commonwealth Fund based on 2011 International Health Policy Survey of Sicker Adults; 2012 International Health Policy Survey of Primary Care Physicians; 2013 International Health Policy Survey; Commonwealth Fund *National Scorecard 2011*; World Health Organization; and Organization for Economic Cooperation and Development, *OECD Health Data, 2013* (Paris: OECD, Nov. 2013).

## How the money flows

All figures based on HM Treasury Spending Review 2010





Astolfi *et al* (2012) identify seven factors that are commonly used in models to project spending in health care systems :

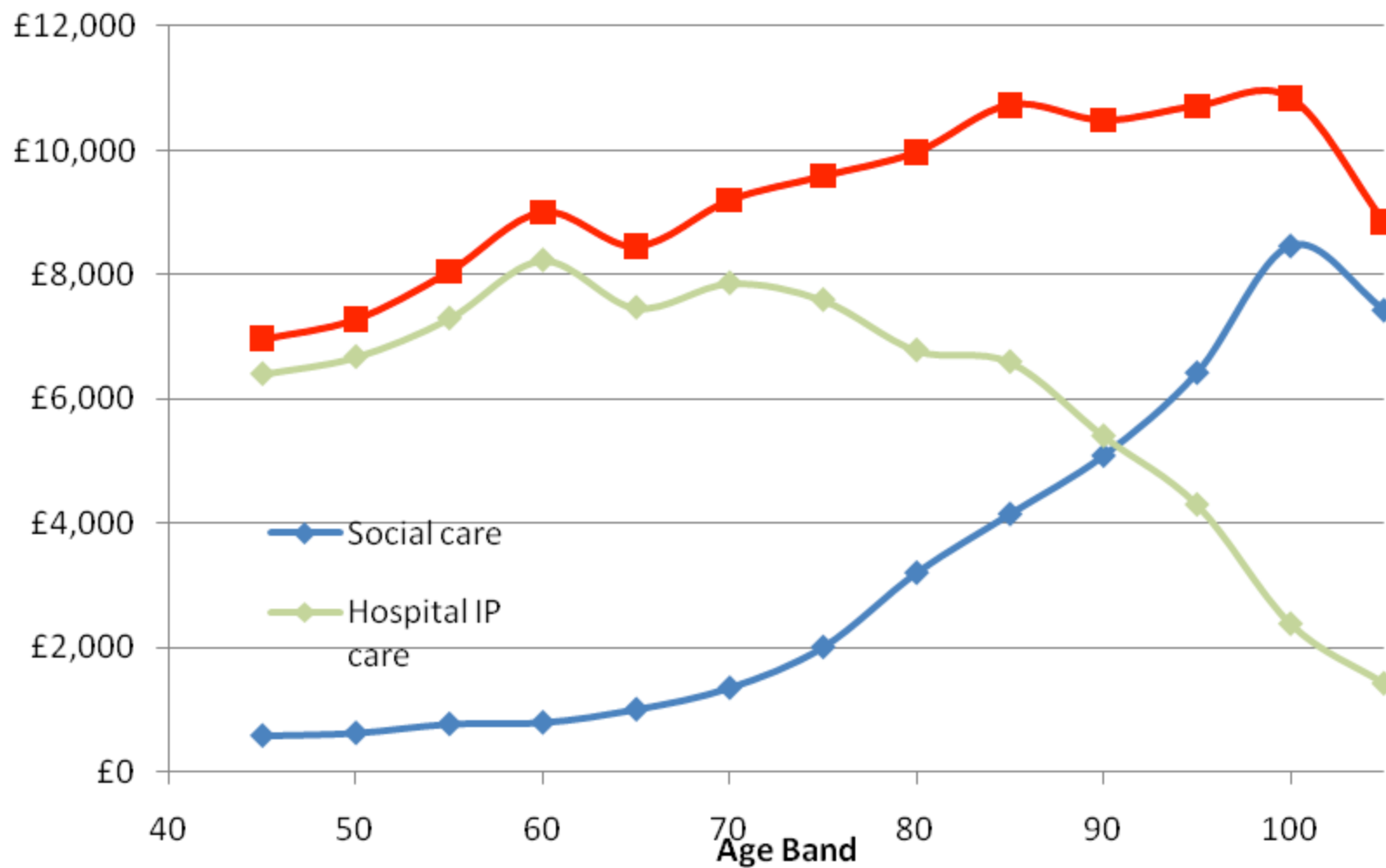
- demographic factors and health status
- income
- consumer/patient behaviours
- treatment practices
- technological progress
- health prices and productivity
- health care system organisation

# Age profile projections

Age group	2011 (projected)	2021 (projected)	Difference	% change
0 to 4	12886	14357	1471	11.4
5 to 14	24554	28483	3929	16.0
15 to 24	24223	22289	-1934	-8.0
25 to 44	53851	55419	1568	2.9
45 to 64	55929	58807	2878	5.1
65 to 74	17758	22526	4768	26.9
75 to 84	10621	13412	2791	26.3
85 plus	4348	5852	1504	34.6
Total	204170	221145	16975	8.3

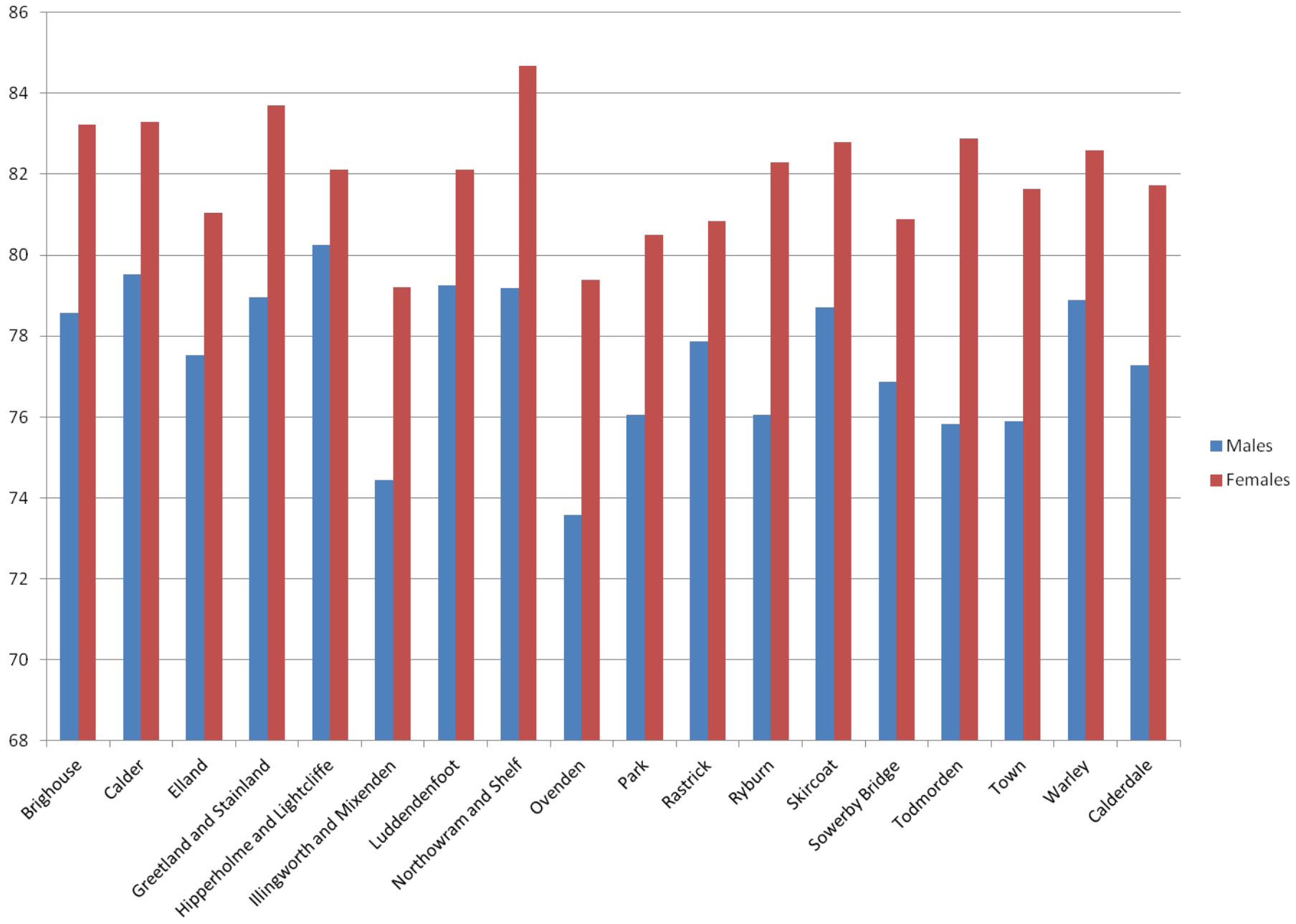
*Source: 2011 based population projections ONS*

## Cost per person in last 12 months of life

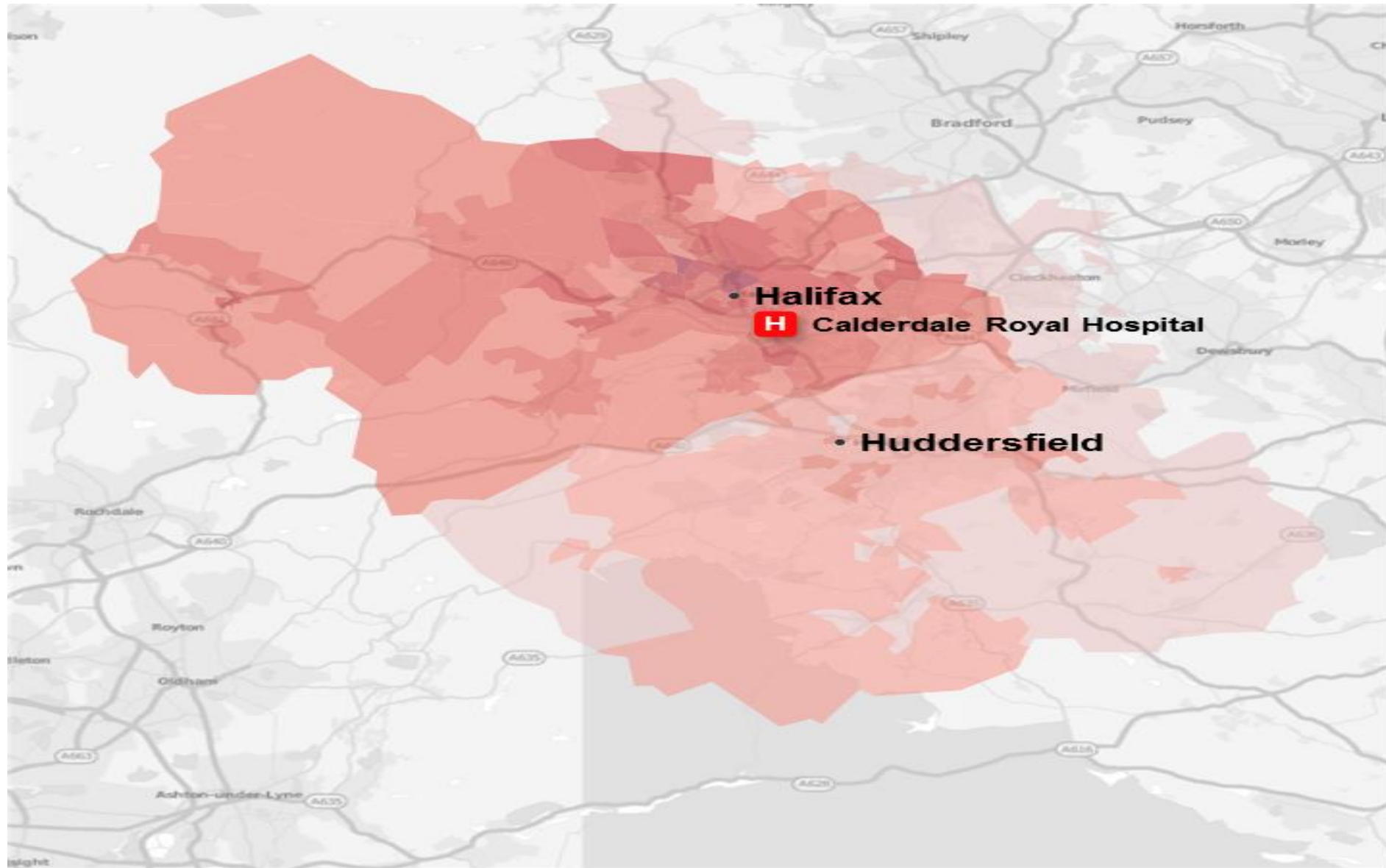




Life Expectancy By Ward 2009 to 2011



# Current catchment area Calderdale Royal Hospital



Count Of Provider Spel..  
0 700

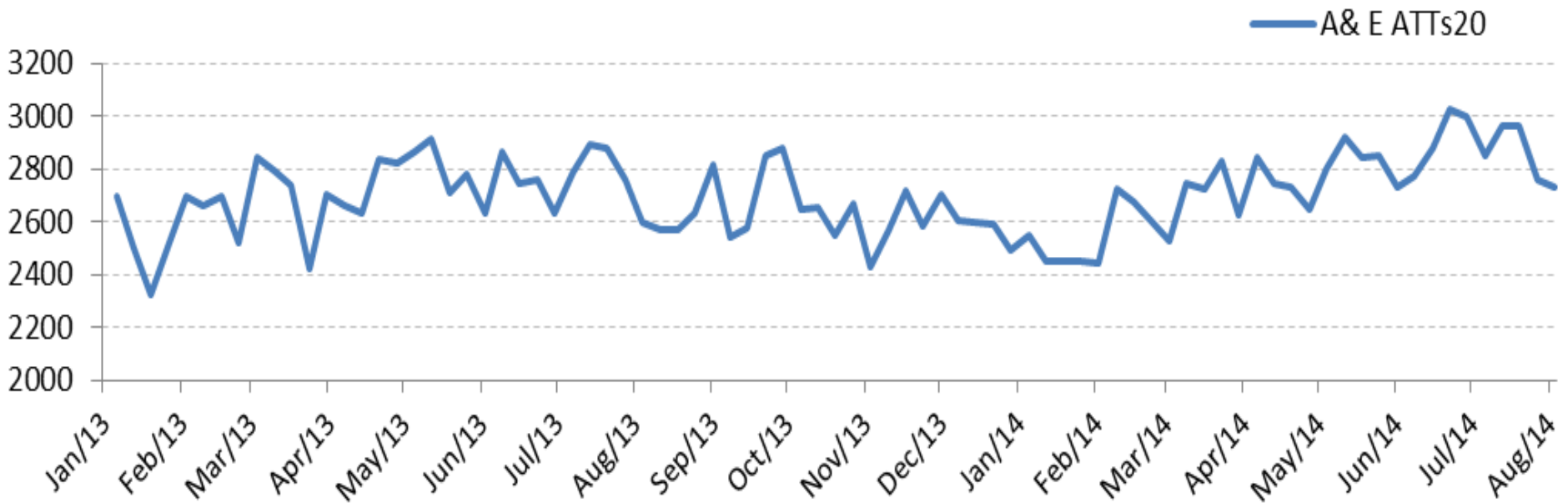
# ‘Urgent’ care

- Community pharmacy 400m visits per year (patients identify 50% to be ‘urgent’)
- GP consultations 340m per year (patients identify 2/3 to be ‘urgent’ GPs say 1/3)
- Accident and emergency attendance 21 million per year
- Accident and emergency admissions 5 million represents about 2/3 of hospital bed days

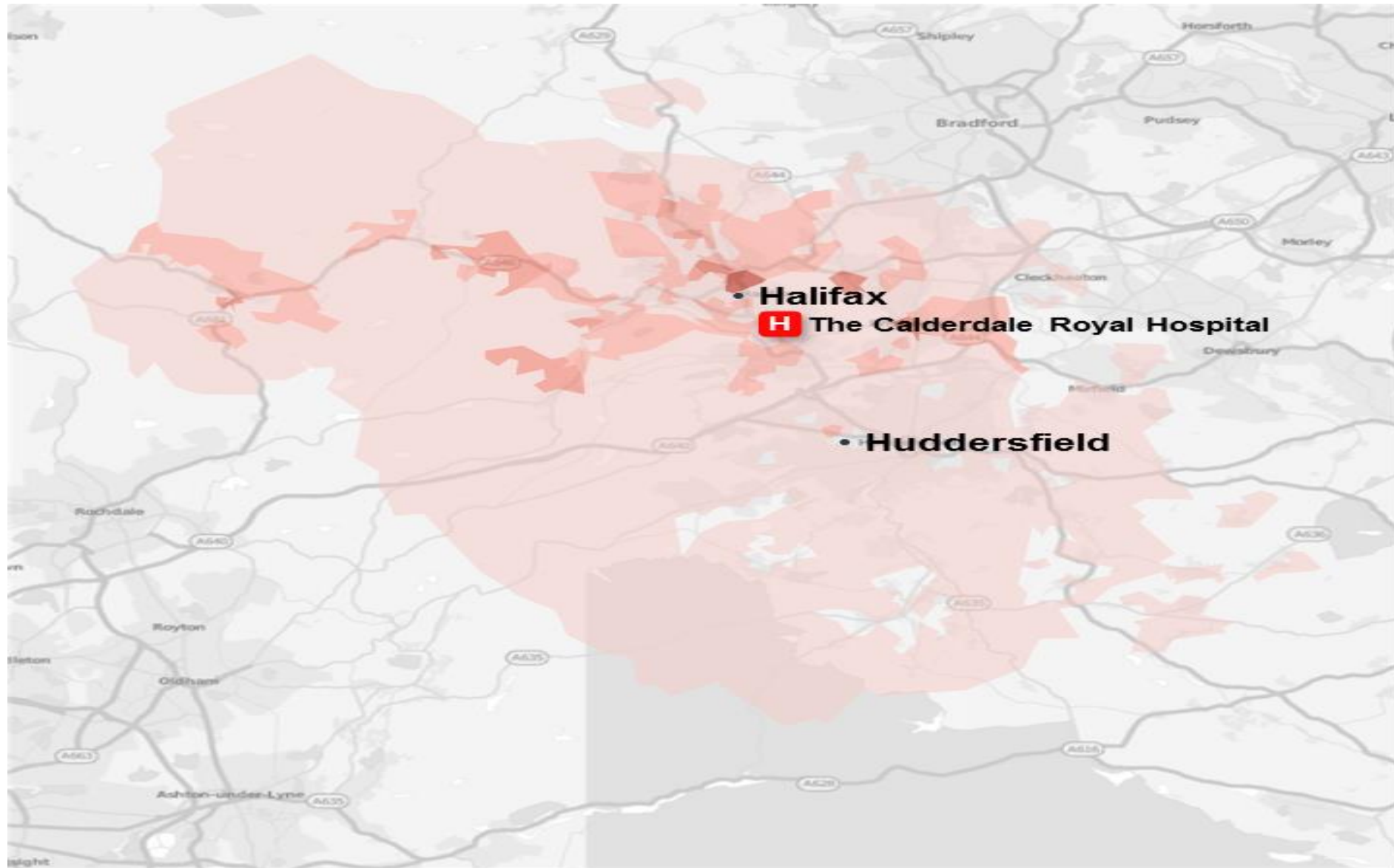
# Some headline data re annual use of CRH

• Outpatient Appt	57,000
• Planned admissions (approx. 80 % are day case)	31,000
• Non elective admissions	25,000
• Readmissions (of non elective)	14%
• A&E attendances	72,000
	(CHFT = 140,000)
• Ambulance journeys	
•       R1 (heart attack)	70
•       R2 – life threatening	800
•       Green	1500

# CHFT Accident and emergency attendances



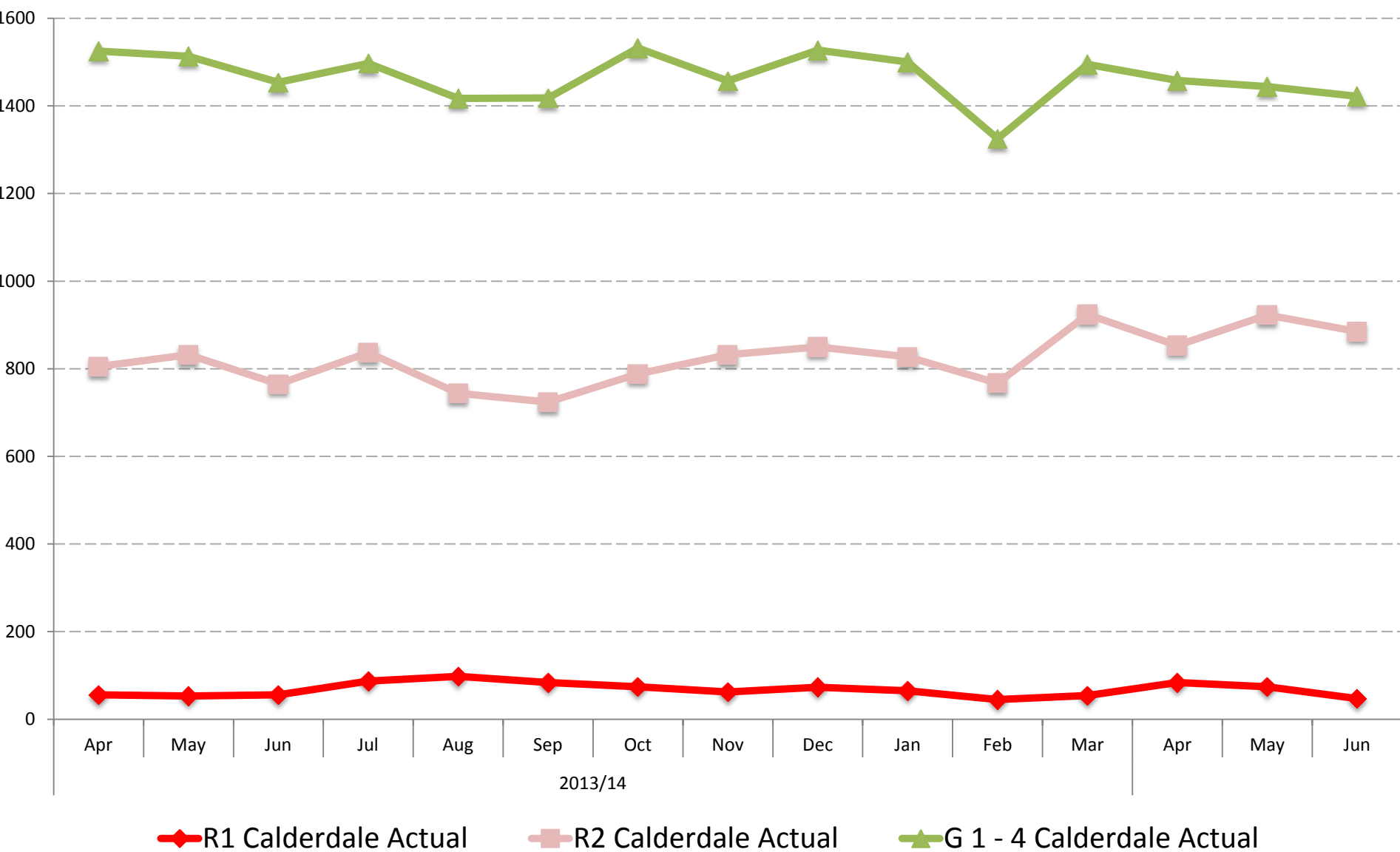
# Emergency ambulance journeys 2011 – 2014.



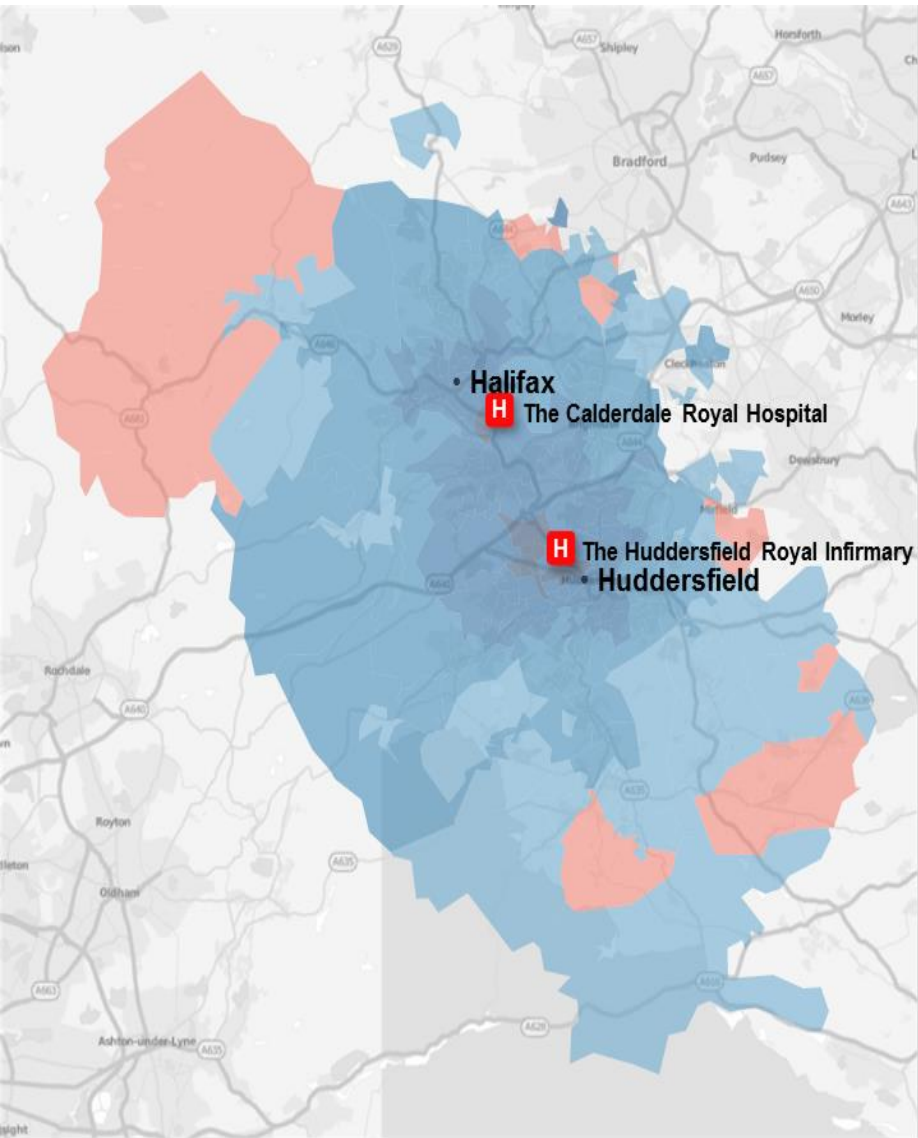
Number of Records

1 109

## Yorkshire Ambulance Service Demand (R1, R2 & G1-4) Calderdale

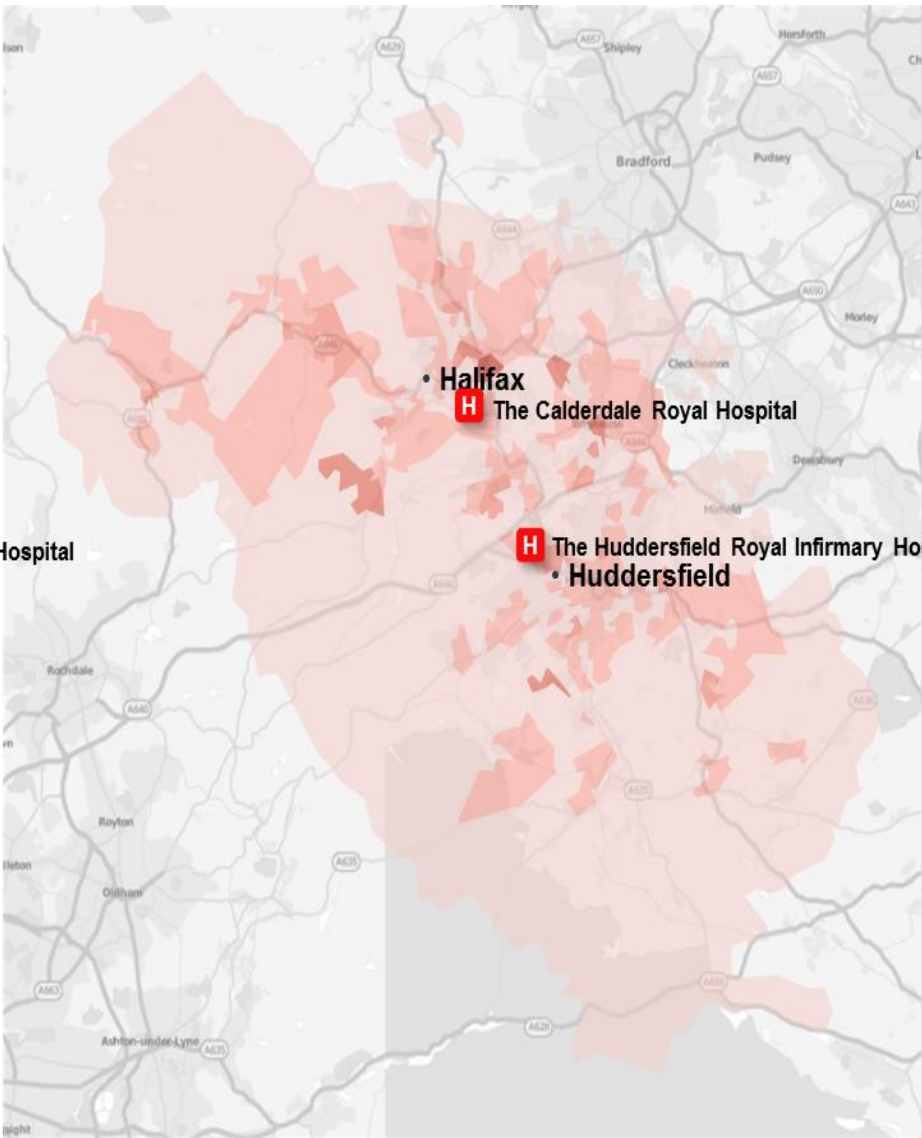


# Emergency Journey times



Avg. journey time mins  
0.00 45.00

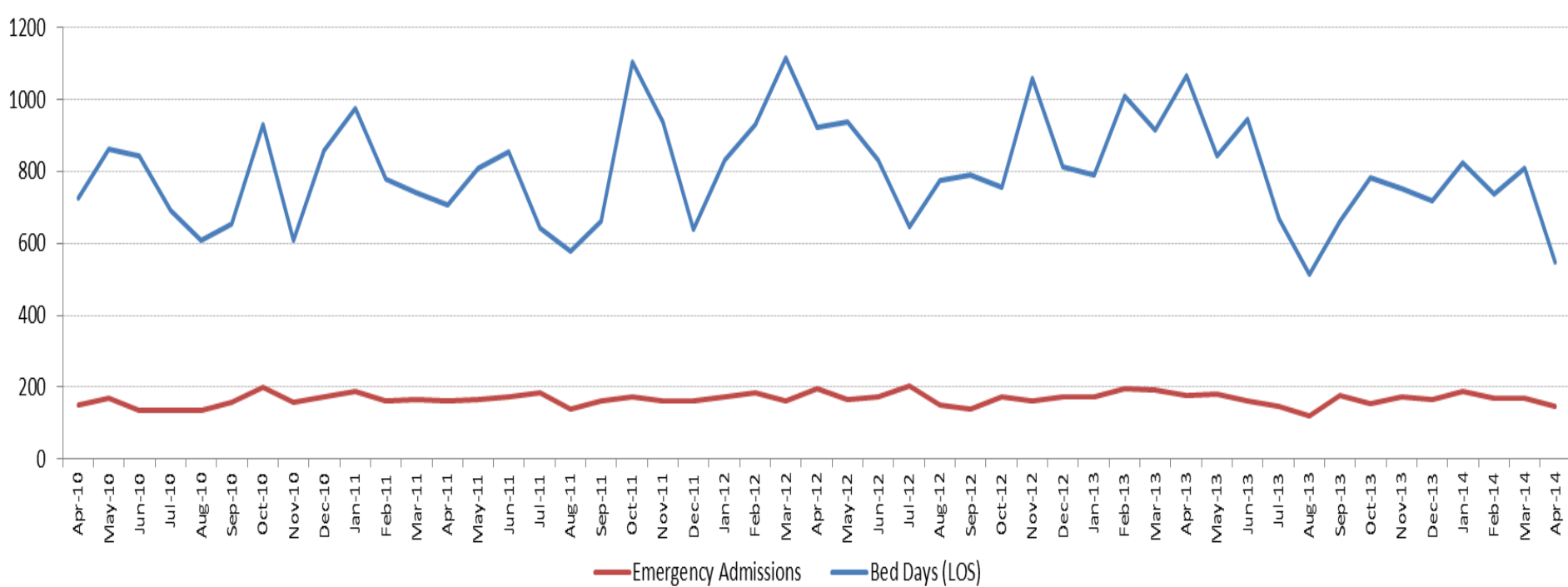
# Volume of emergency journeys



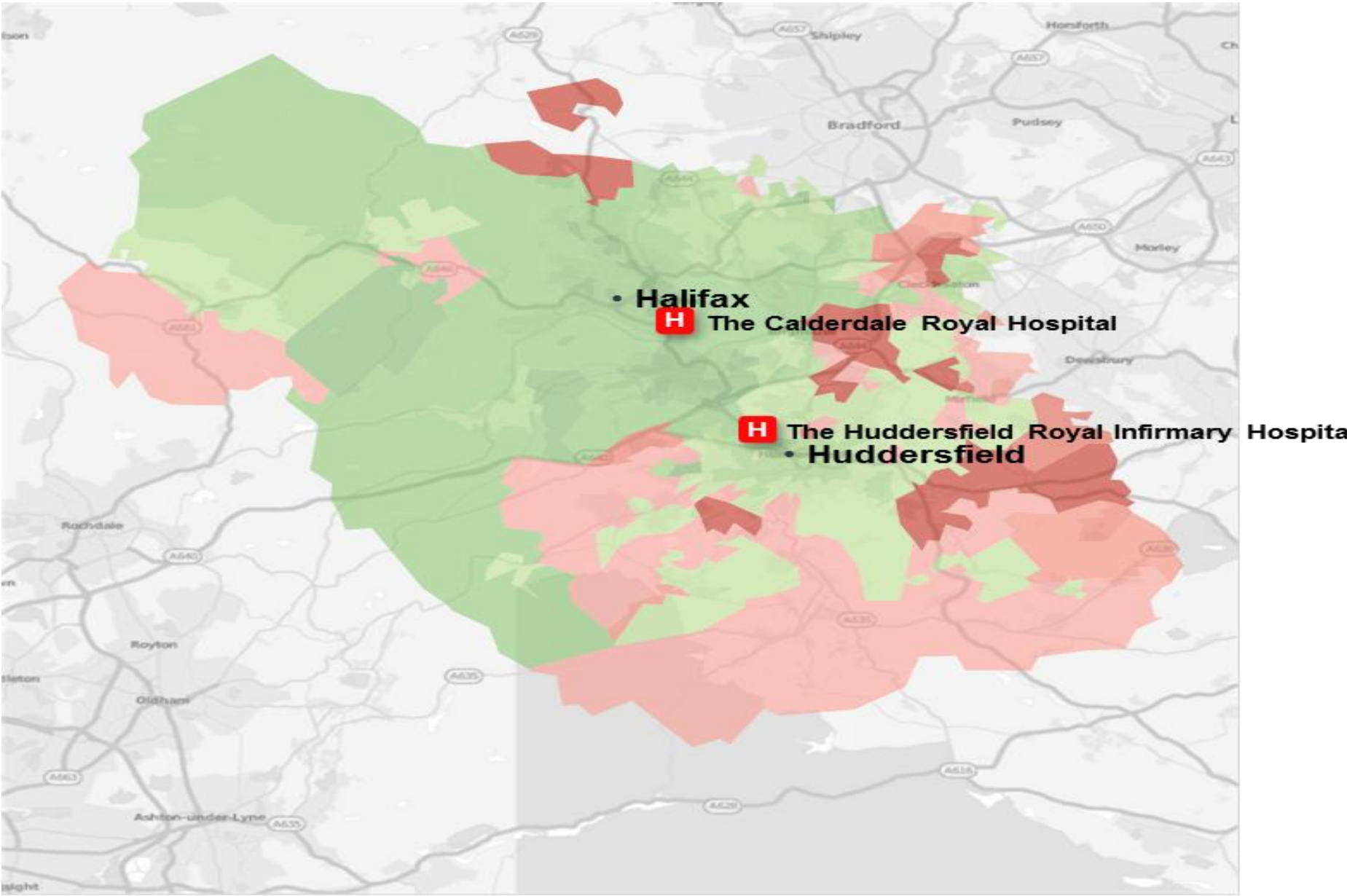
Number of Records  
1 125



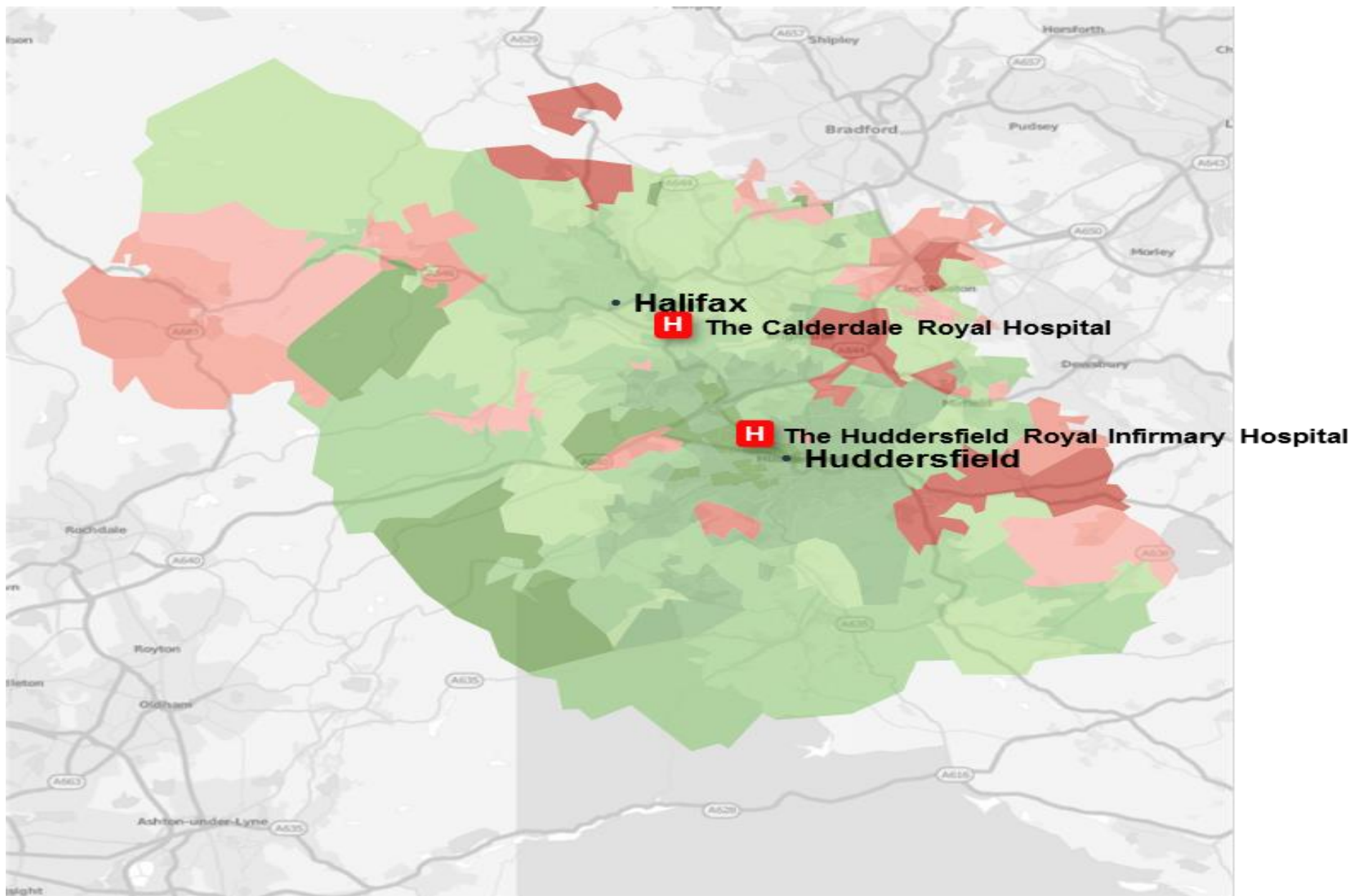
NHS CALDERDALE CCG - Emergency Admissions for Chronic ACS Conditions



Public transport journey times to Calderdale Royal Hospital

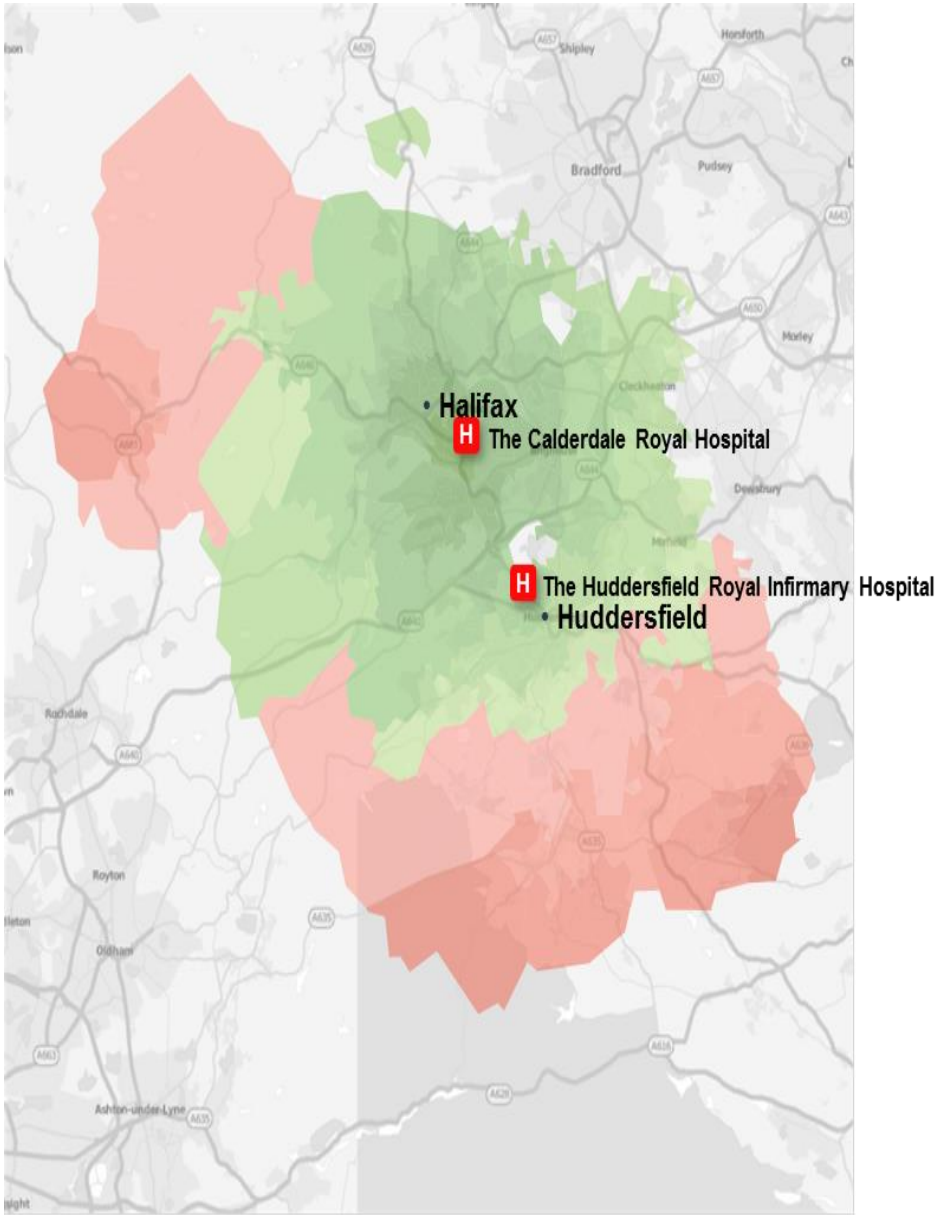


# Current public transport journey times to Huddersfield Royal Infirmary.



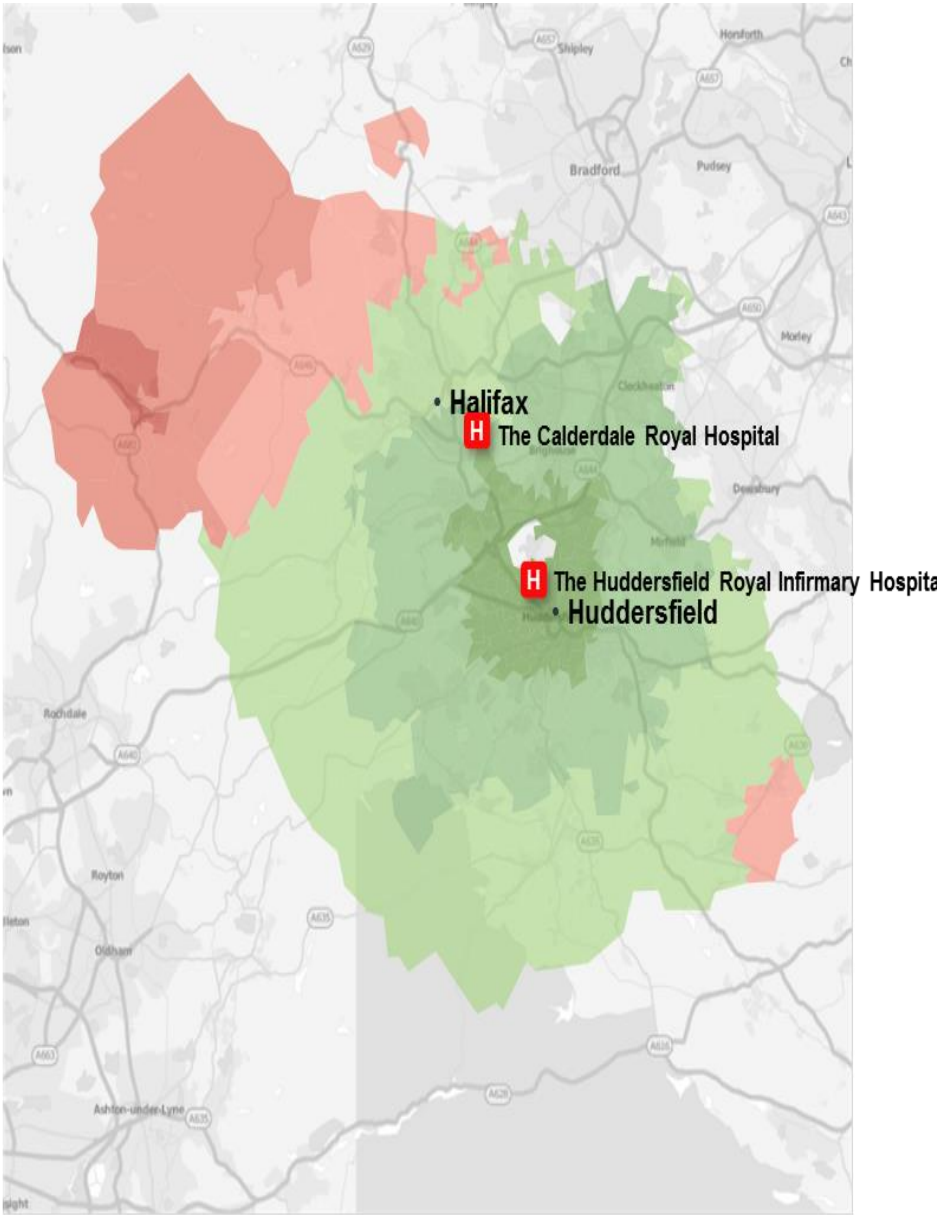
To Huddersfield  
0.0 200.0

Car Journey times to CRH



Avg. CRH\_JT  
0.00 50.00

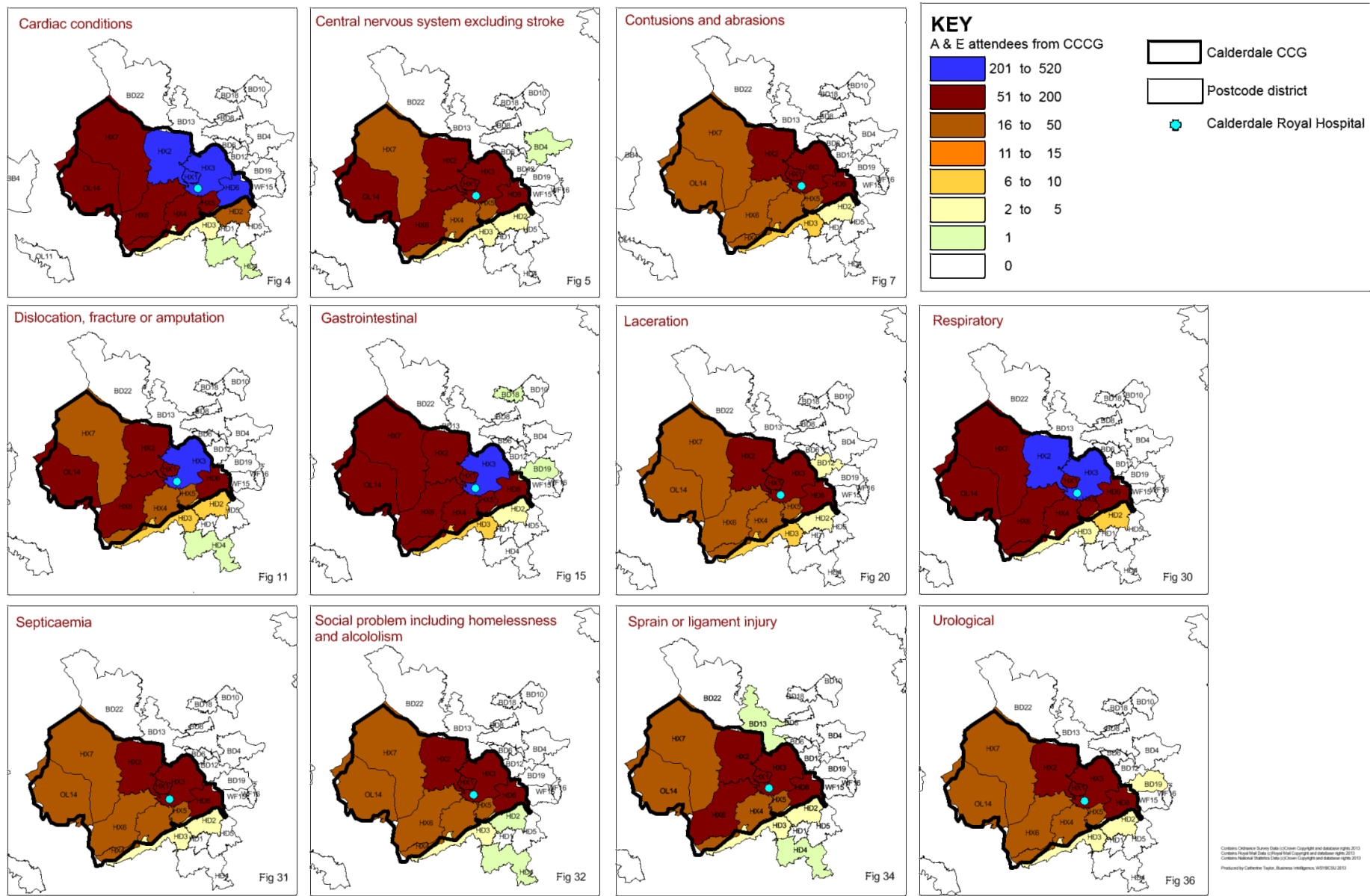
Car Journey times to HRI



HRI\_JT  
0.00 60.00

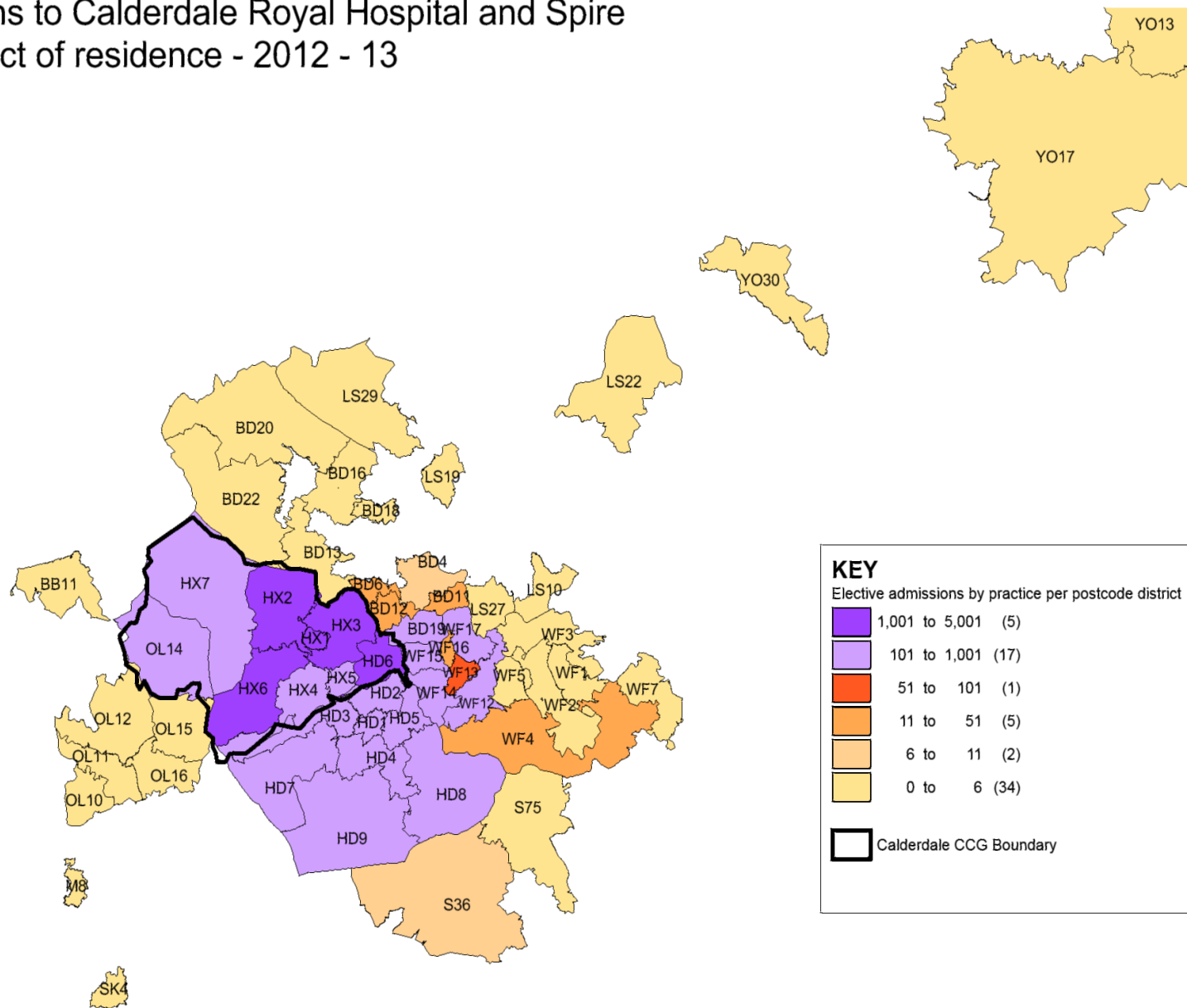


# Number of Calderdale residents or registered patients by Postcode district attending Calderdale A & E (Feb 13 - Jan 14) - Top A & E reasons for attendance shown

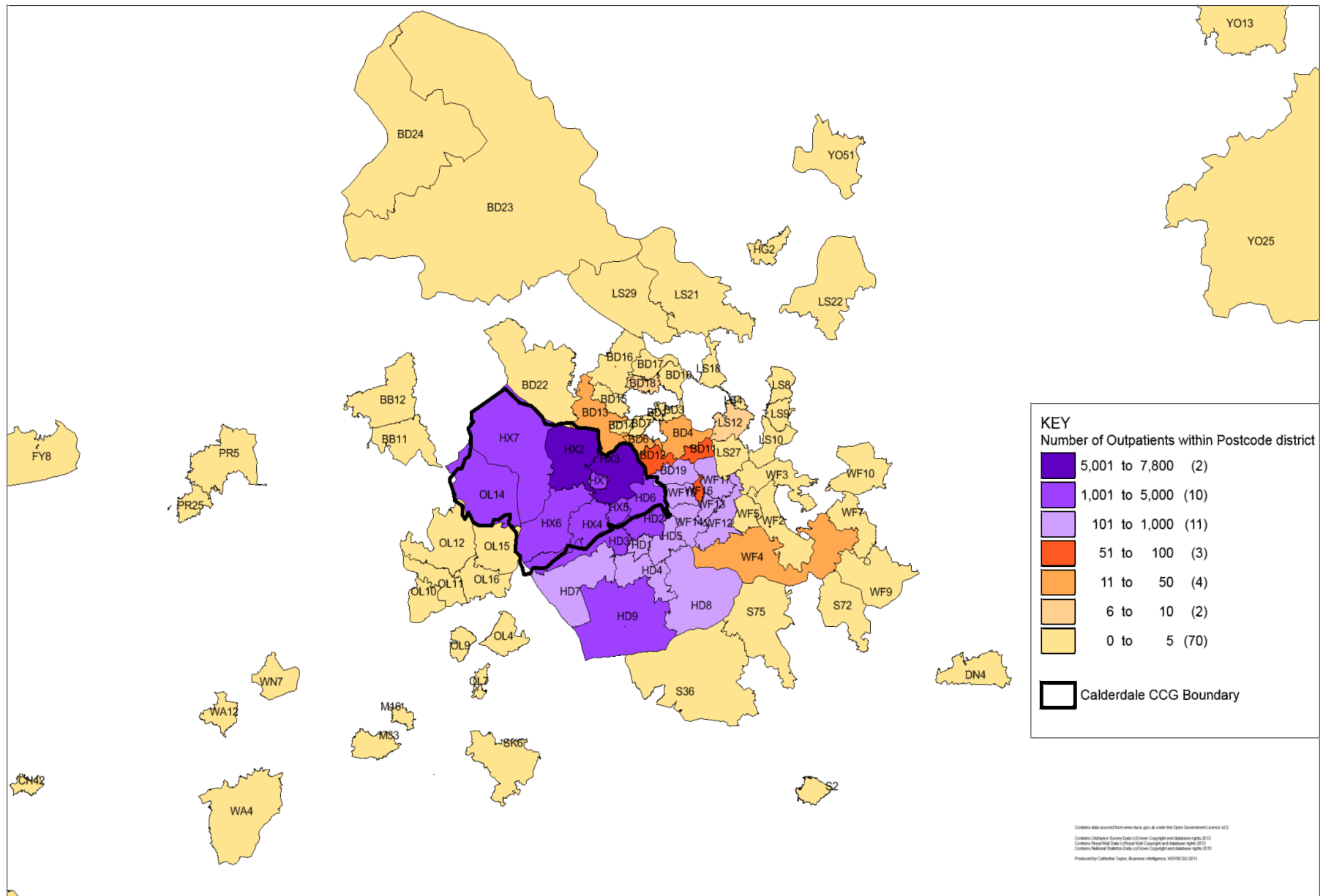




# Elective admissions to Calderdale Royal Hospital and Spire by Postcode District of residence - 2012 - 13



Outpatients to Calderdale Royal Hospital and Spire by Postcode District of residence - 2012 - 13





# What other data would you like to see?

## **Emergency admissions of Calderdale residents**

- People go to which hospital now by age+ gender and by 'postcode'
- Numbers attending month on month for the last two years.
- Reason for admission by age+ gender
- Means of travel to hospital
- Average journey time
- Average wait times in A&E and for ambulances
- What proportion of people come to A&E but receive or require no treatment.
- What proportion of people who come to A&E in Calderdale could be treated at a minor injuries unit
- A&E staffing levels at the two hospitals by permanent and temporary staff

# Additional data?

## **Hospital admission for the two hospitals of Calderdale residents**

- People go to which hospital now by age+ gender and by postcode (again this will be wider than just the two hospitals).
- Conditions by age+ gender
- Emergency v non-emergency by age+ gender
- Complaints data
- Where does the admission come from, eg, out of hours service, outpatients etc.
- Readmissions by age+ gender and condition