# Ward Profiles Rhiwbina

# Indicator List

- 1. Population / Age Structure
- 2. Life Expectancy at birth
- 3. Healthy Life Expectancy
- 4. Ethnic Profile
- 5. Census 2011 Demographics
- 6. Elections Valid Voter Turnout
- 7. Claimant Count
- 8. Welsh Index of Multiple Deprivation
  - Overall
  - Income Domain
  - Employment Domain
  - Health Domain
  - Education Domain
  - Access to Services
  - Housing Domain
  - Community Safety Domain
  - Physical Environment Domain

- 9. Flood risk from rivers
- 10. Proximity to green space
- 11.Pollution Levels
  - N02
  - PM2.5 / PM10

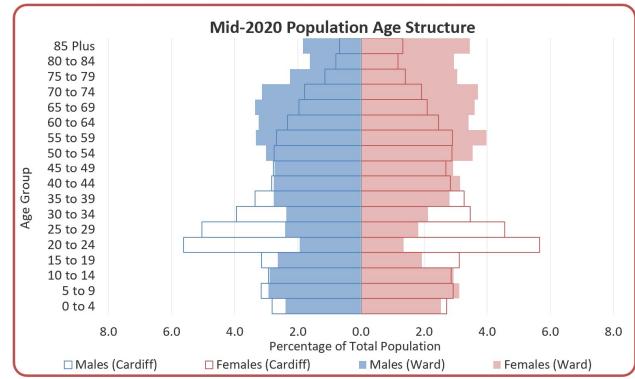
# 12.Crime

- ASB
- Violence with Injury
- Violence without Injury
- Residential burglary
- Theft of Motor vehicle
- Theft From Motor vehicle
- Criminal damage
- Public Order

#### **Population and Age Structure**

#### **Rhiwbina Electoral Ward**

Experimental 2020 Small Area Mid Year Estimate (Source: ONS Crown Copyright)

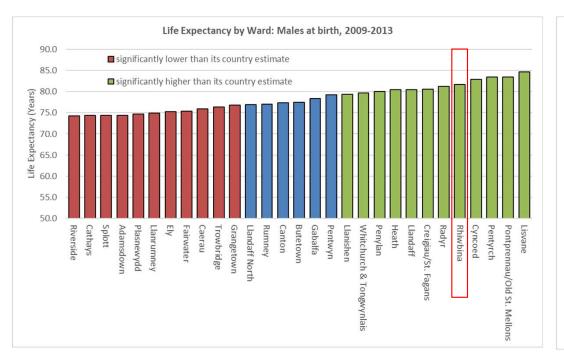


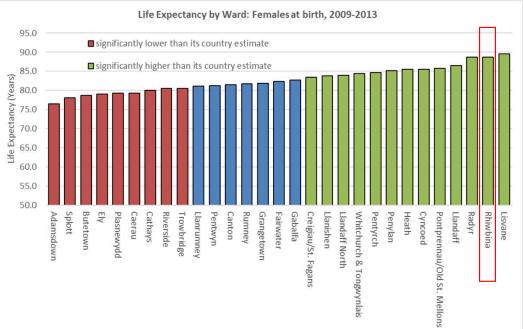
Source: Mid-2020 Population Estimates

Population (Mid-2020)			
	RHW	Cardiff	
Total Usual Residents	11,524	369,202	
Male	5,489	183,689	
Female	6,035	185,513	
Source: Mid-2020 Population Estimates			

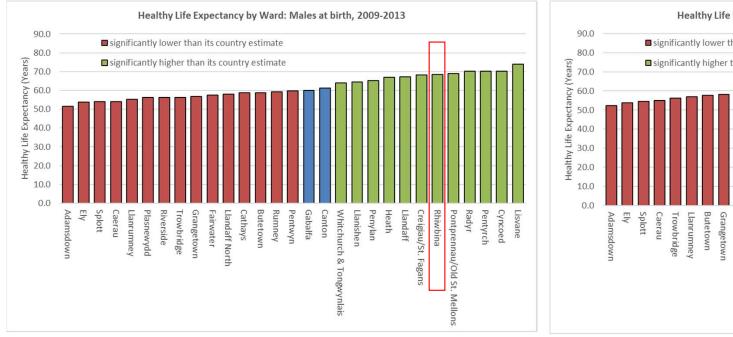
Country	of Birth	
	RHW	Cardiff
Total Usual Residents	11,369	346,090
	(%)	(%)
Wales	78.0	68.7
England	16.6	16.9
Northern Ireland	0.3	0.3
Scotland	0.9	0.8
Republic of Ireland	0.4	0.6
Other EU Countries	1.2	3.3
Other Countries	2.7	9.4
Total	100.0	100.0





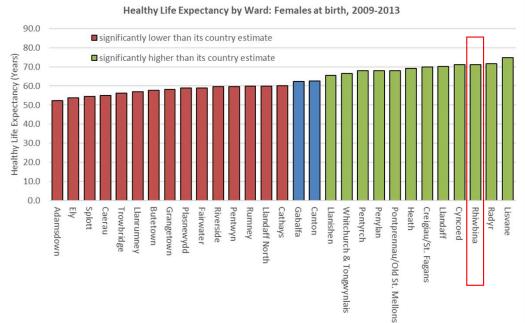


Source: ONS

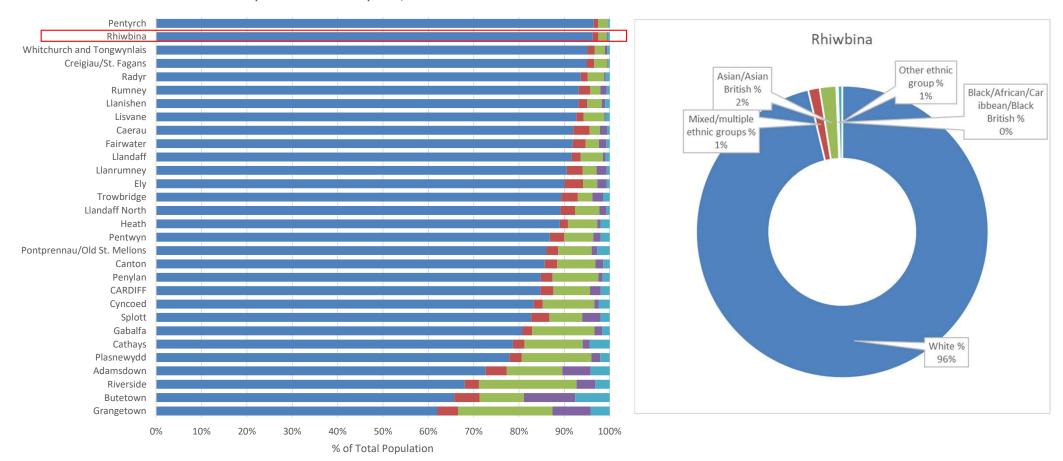


#### **Healthy Life Expectancy**

Source: ONS



#### **Ethnic Profile**



Ethnicity of Cardiff Residents by Ward, 2011



# **General Demographic Information – Census 2011**

Welsh Language		
	RHW	Cardiff
All usual residents aged 3+	11,070	332,273
	%	%
Speak, Read & Write	10.2	8.7
Speak & Read	1.0	0.8
Speak Only	1.6	1.4
Understands Spoken Welsh	3.6	3.1
Other Combination	2.5	2.1
No Knowledge	81.1	83.8
Total	100.0	100.0

Welsh National	Identity	
	RHW	Cardiff
Total Usual Residents	11,369	346,090
	%	%
Welsh only identity	55.7	50.4
Welsh and British only identity	11.2	8.2
Other Welsh combined	0.7	1.2
No Welsh identity	32.4	40.2
Total	100.0	100.0

Religion		
	RHW	Cardiff
Total Usual Residents	11,369	346,090
	(%)	(%)
Christian	66.7	51.4
Buddhist	0.3	0.5
Hindu	0.5	1.4
Jewish	0.1	0.2
Muslim	0.9	6.8
Sikh	0.2	0.4
Other Religion	0.3	0.4
No Religion	24.4	31.8
Religion not stated	6.7	7.2
Total	100.0	100.0

Passports	Held	
	RHW	Cardif
Total Usual Residents	11,369	346,090
Total Passports Held	10,291	297,109
	(%)	(%)
No Passport	10.1	15.1
United Kingdom	88.1	77.4
Republic of Ireland	0.3	0.6
Other EU Countries	0.7	3.0
Other European Countries	0.0	0.2
Africa	0.1	0.8
Middle East and Asia	0.7	3.1
North America & Caribbean	0.2	0.4
Central & South America	0.0	0.0
Antarctica and Oceania	0.0	0.1
Percentages do not sum to 100 d	ue to more tha	in one
passport held by some usual resid	lents	

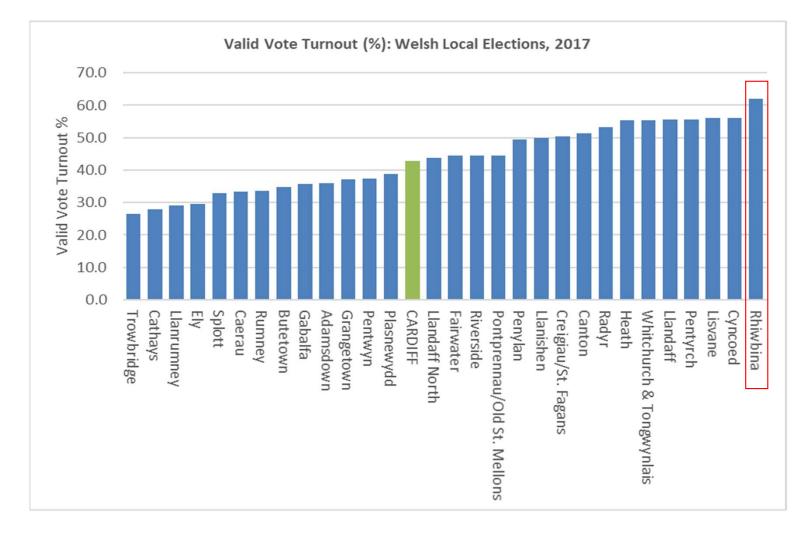
# **General Demographic Information – Census 2011**

Qualifications		
	RHW	Cardiff
All Usual Residents aged 16+	9,527	283,115
	(%)	(%)
None	16.8	20.7
Up to level 1	9.9	11.0
Up to level 2	15.7	13.0
Apprenticeship	4.0	2.8
Up to level 3	9.9	15.2
Up to level 4	40.3	32.3
Other Qualification	3.4	5.0
Total	100.0	100.0

Household Ter	nure	
All Households	RHW 5,062	Cardiff <b>142,557</b>
	(%)	(%)
Owned: Owned outright	54.7	26.5
Owned: Owned with a mortgage or loan	35.3	32.6
Shared ownership (part owned and part rented)	0.2	0.4
Social rented: Rented from council (Local Authority)	0.6	9.5
Social rented: Other	0.8	7.6
Private rented: Private landlord or letting agency	6.8	20.3
Private rented: Other	0.8	1.6
Living rent free	0.7	1.4
Total	100.0	100.0

# Car or Van Availability to Household

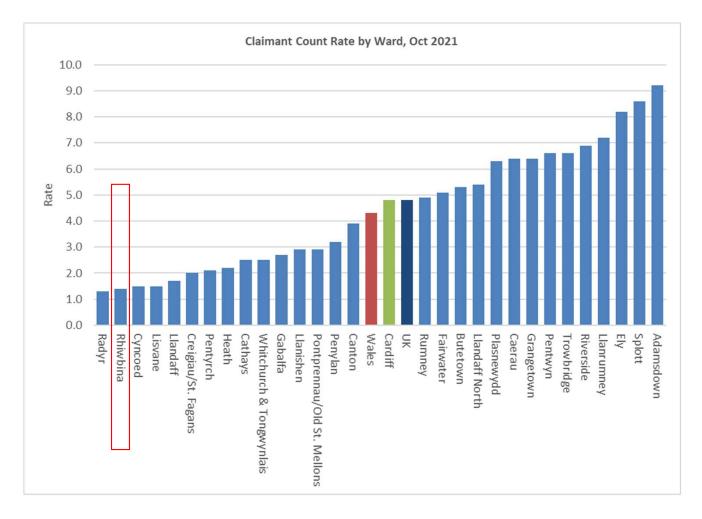
	RHW	Cardiff
All Households	5,062	142,557
	(%)	(%)
No cars or vans in household	15.3	29.0
1 car or van in household	44.7	42.9
2 cars or vans in household	31.7	22.3
3 cars or vans in household	6.2	4.4
4 or more cars or vans in	2.0	1.4
Total	100.0	100.0
All cars or vans in the area	6,888	152,341



#### **Elections: Valid Vote Turnout**

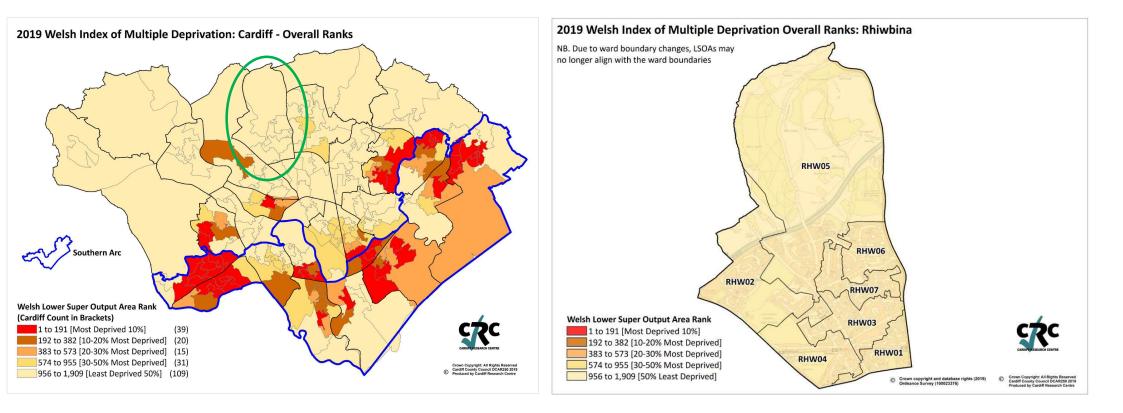
Source: Electoral Commission



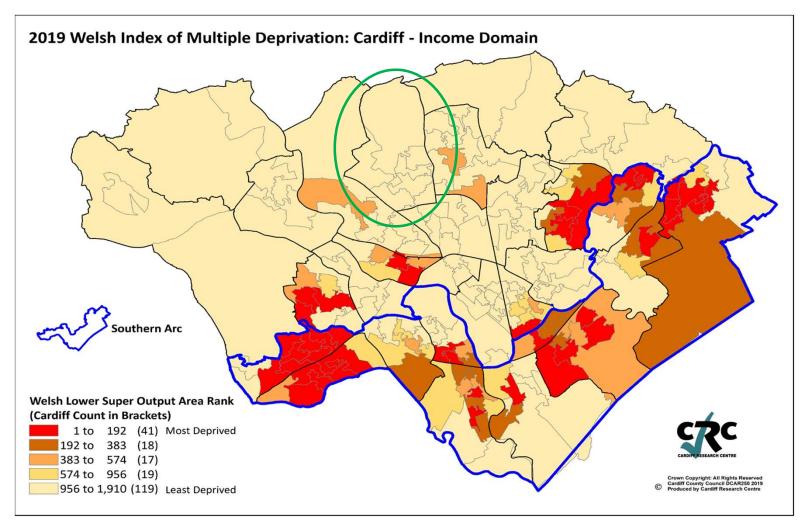


Source: Claimant Count

#### WIMD – Overall



#### WIMD – Income Domain

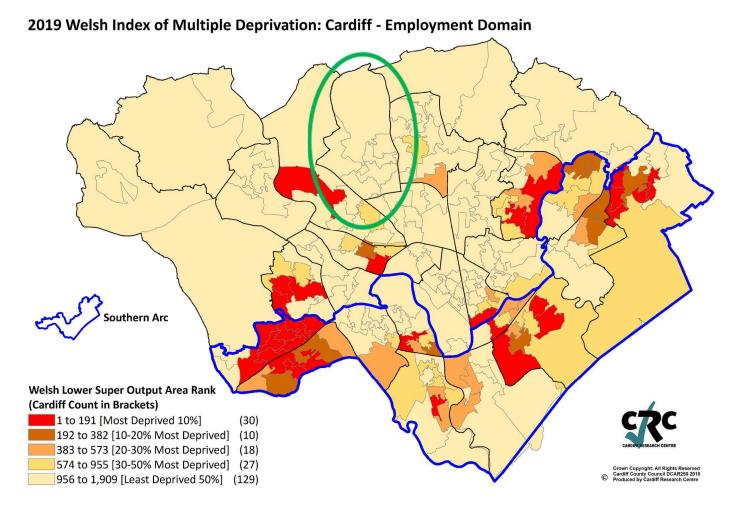


#### Domain construction :

The income domain is made up of one indicator, containing four elements:

- Income-Related Benefit claimants
- Tax Credit recipients
- Supported Asylum Seekers
- People on Universal Credit (excluding those "working with no requirements")

#### WIMD – Employment Domain

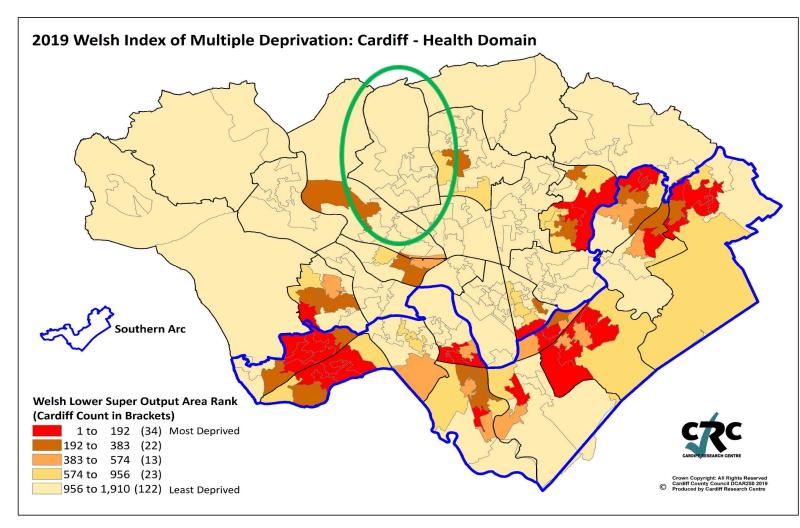


#### Domain construction :

The employment domain is made up of one indicator, containing four elements:

- Jobseeker's Allowance (JSA);
- Employment and Support Allowance (ESA);
- Incapacity Benefit (replaced Severe Disablement Allowance)
- Universal Credit (UC) and not in employment

#### WIMD – Health Domain



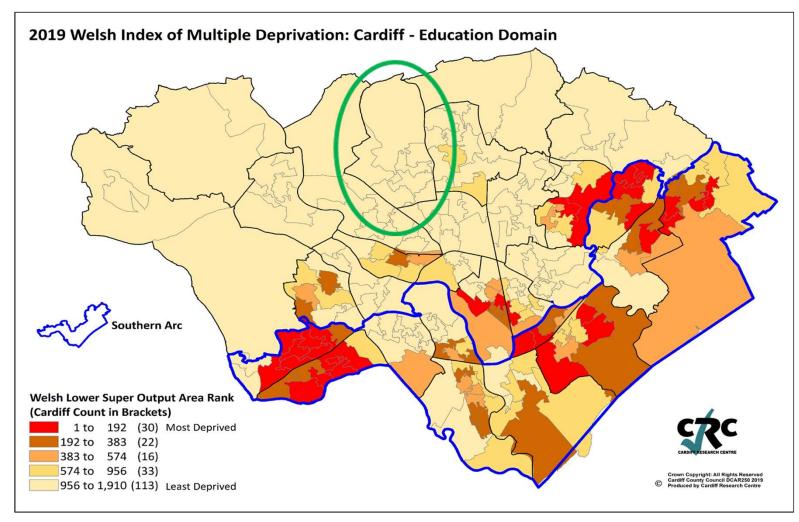
#### Domain construction :

There are seven indicators in the health domain, weighted as follows:

- 31% GP-recorded chronic conditions (rate per 100), age-sex standardised
- 30% Limiting long-term illness (rate per 100), age-sex standardised
- 18% Premature deaths (rate per 100,000), age-sex standardised
- 10% GP-recorded mental health conditions (rate per 100), age-sex standardised
- 4% Cancer incidence (rate per 100,000), age-sex standardised
- 4% Low birth weight (live single births less than 2.5 Kg, percentage)
- 3% Children aged 4-5 who are obese (percentage)

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

#### WIMD – Education Domain



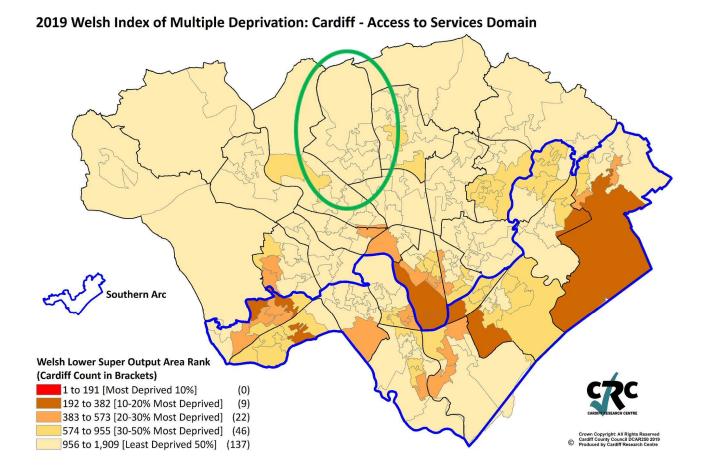
Domain construction :

There are six indicators in the education domain, weighted as follows.

- 9.9% Foundation Phase Average Point Score
- 11.7% Key Stage 2 Average Point Score
- 27.6% Key Stage 4 Average Point Score for Core Subjects
- 21.7% Repeat Absenteeism
- 13.2% Proportion of Key Stage 4 leavers entering Higher Education
- 16.0% Number of Adults aged 25-64 with No Qualifications

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

#### WIMD – Access to Services



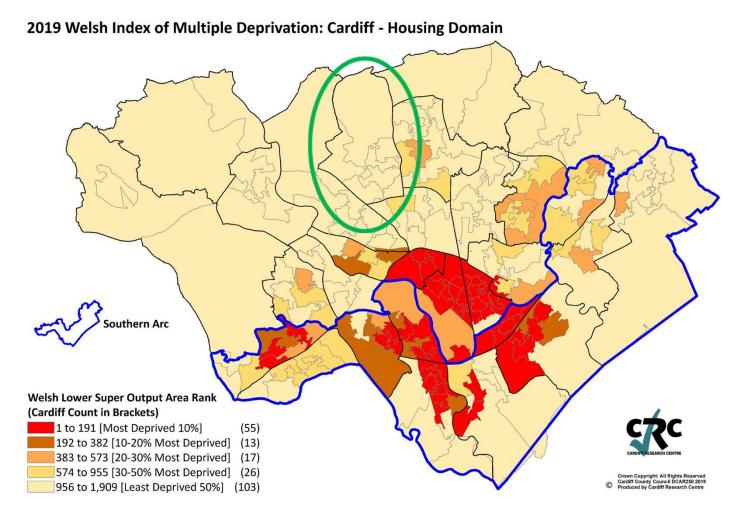
Domain construction :

The access to services domain measures physical access through travel times to 8 services using public transport and 9 services using private transport. Public transport includes travel by: public bus, public train, foot and national coach. Private transport is considered to be transport by private car.

As with all domains, the final domain ranks were then exponentially transformed, to form domain scores for use in the calculation of the overall WIMD 2019:

21.5%	Pharmacy
16.9%	Food shop
14.2%	General Practitioner (GP)
10.2%	Post office
10.0%	% Unavailability of broadband at
30Mb/s	5
7.5%	Primary school
7.3%	Public library
5.3%	Sports Facility
4.7%	Secondary school
2.4%	Petrol station (private transport only)

#### WIMD – Housing Domain

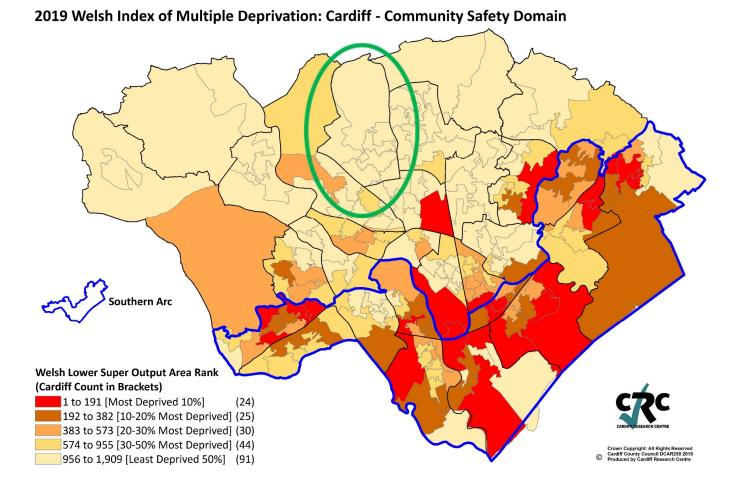


#### Domain construction :

The income domain is made up of two equally weighted indicators:

- An indicator on overcrowding measures the percentage of people living in overcrowded households (2011 Census-based bedroom measure).
- A new modelled indicator on poor quality housing. It measures the likelihood of housing being in disrepair or containing serious hazards (for example, risk of falls or cold housing), and was calculated from a mixture of survey and administrative data sources by the Building Research Establishment (BRE).

#### WIMD – Community Safety Domain

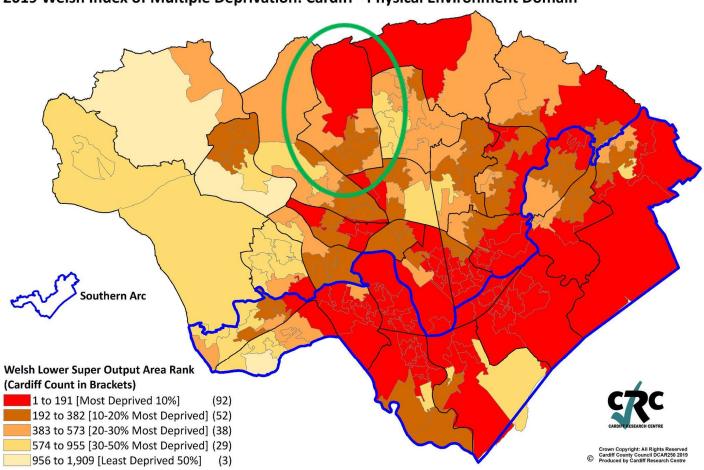


Domain construction :

There are six indicators in the community safety domain, weighted as follows. Factor analysis was used to calculate the indicator weights:

- 61% Police Recorded Criminal Damage
- 19% Police Recorded Violent Crime
- 8% Police Recorded Anti-Social Behaviour
- 5% Police Recorded Burglary
- 4% Police Recorded Theft
- 3% Fire Incidents

#### WIMD – Physical Environment Domain



2019 Welsh Index of Multiple Deprivation: Cardiff - Physical Environment Domain

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

#### Domain construction :

The physical environment domain is made up of three sub-domains weighted as follows:

40% Air Quality Sub Domain

- Population Weighted Average Concentration Value for Nitrogen Dioxide
- Population Weighted Average Concentration Value for Particulates < 10 μm</li>
- Population Weighted Average Concentration Value for Particulates < 2.5 μm</li>

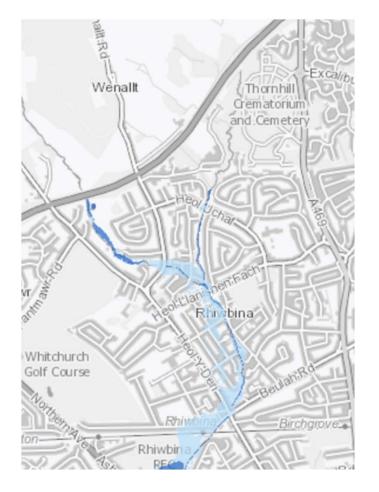
40% Flood Risk Sub Domain

• Households at risk of flooding score

20% Green Space Sub Domain

- Proximity to accessible natural green space score (% of households)
- Ambient Green Space Score

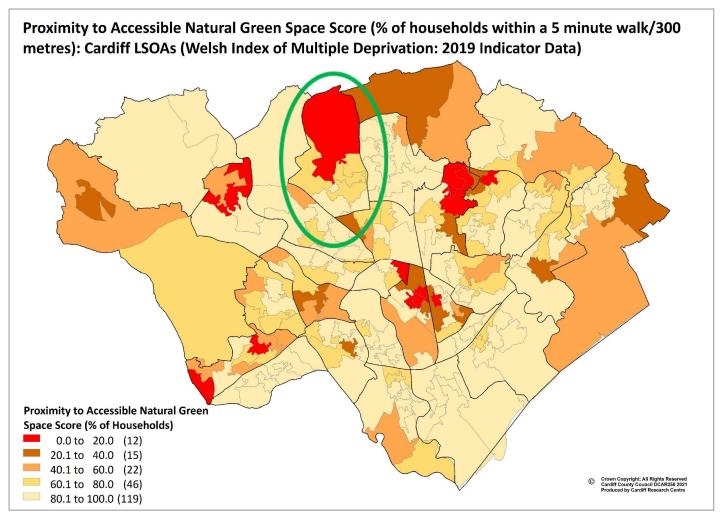
### Flood risk from Rivers



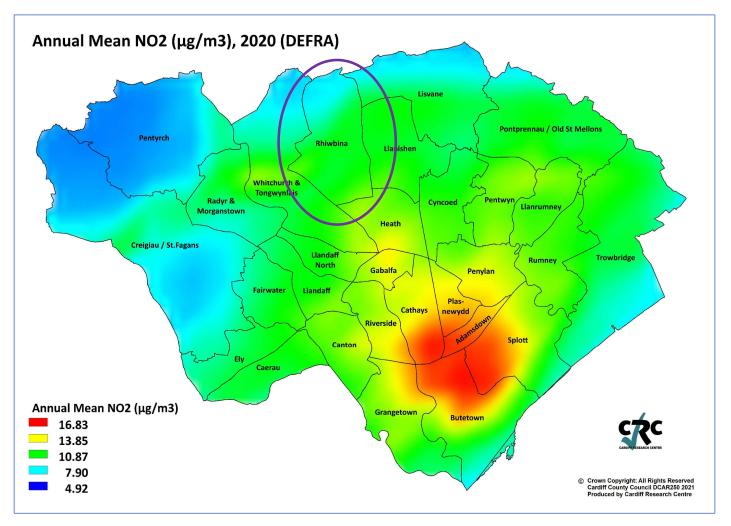
Flood Risk from Rivers	
🗹 📜 Flood Risk from Rivers - Extent	
High	
Medium	
Low	

Source: Natural Resources Wales' Flood Risk Map Viewer

#### Proximity to green space

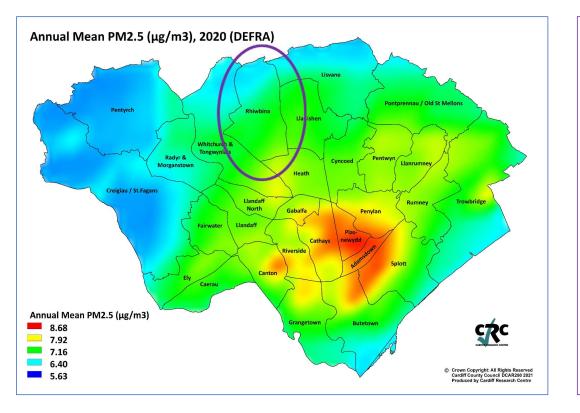


Source: Welsh Index of Multiple Deprivation 2019 Indicator Data, Welsh Government

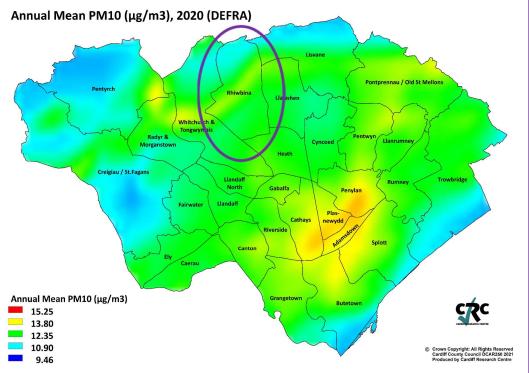


#### Pollution Levels in the Air: Nitrogen Dioxide (NO2)

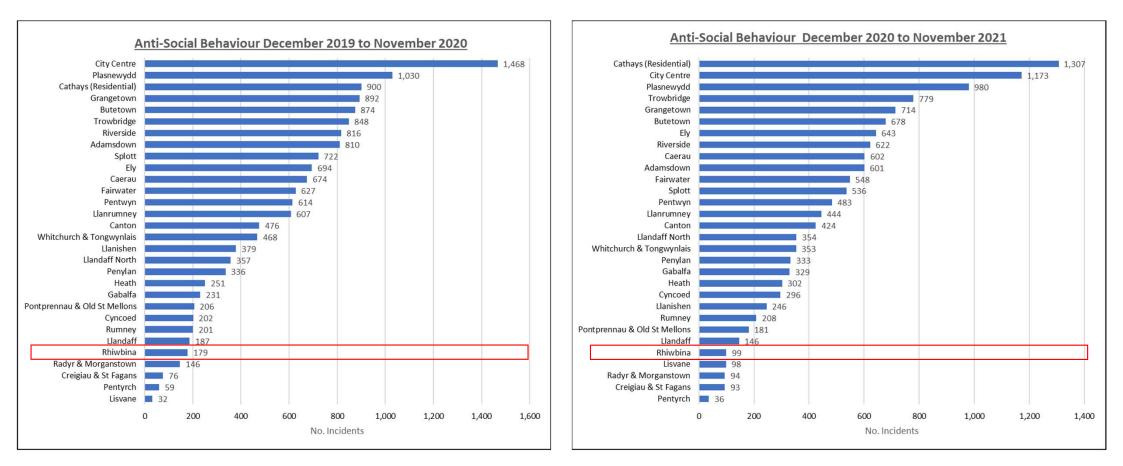
Source: DEFRA



#### Pollution Levels in the Air: Particulate Matter (PM2.5 / PM10)



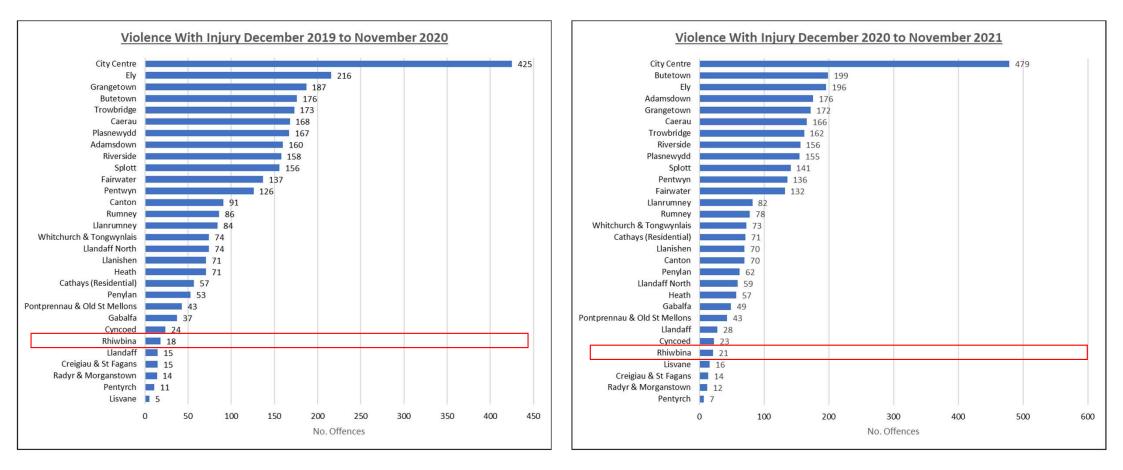
Source: DEFRA



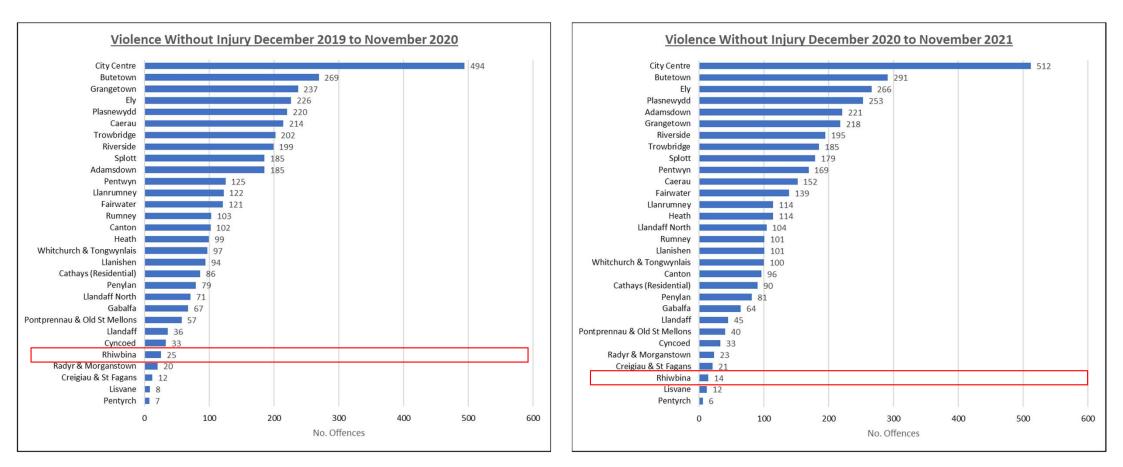
#### Crime – Anti Social Behaviour

Source: South Wales Police





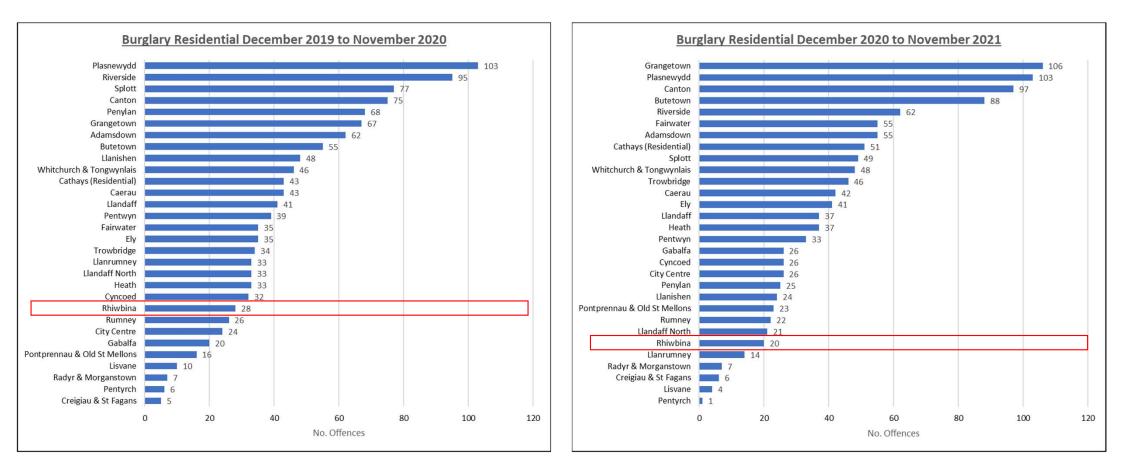
Source: South Wales Police



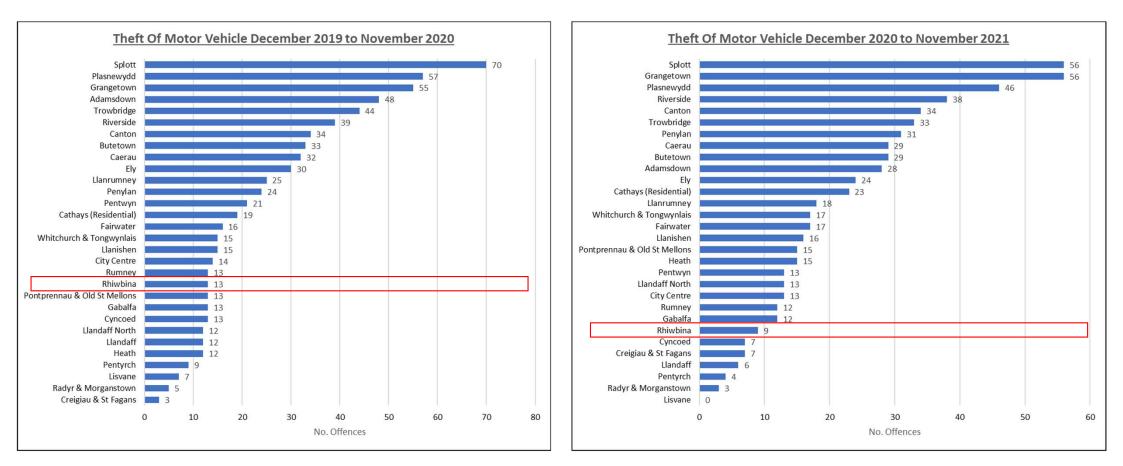
#### **Crime – Violence without injury**

Source: South Wales Police

#### **Crime – Residential Burglary**

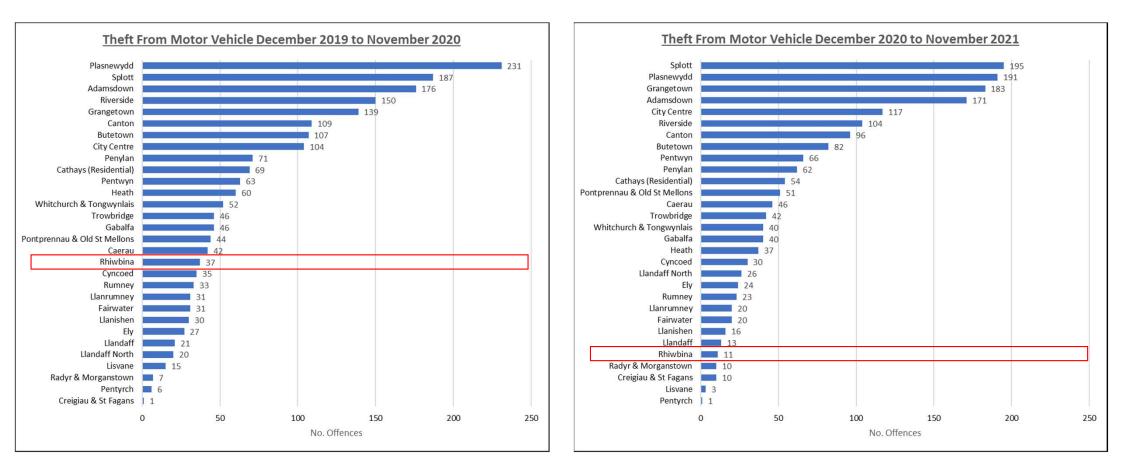


Source: South Wales Police



#### **Crime – Theft of Motor Vehicle**

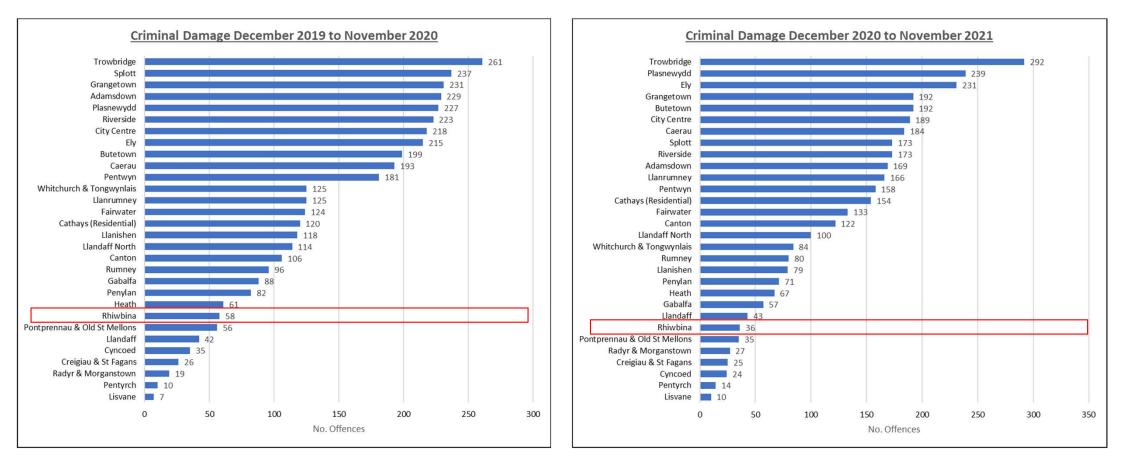
Source: South Wales Police



#### **Crime – Theft From Motor Vehicle**

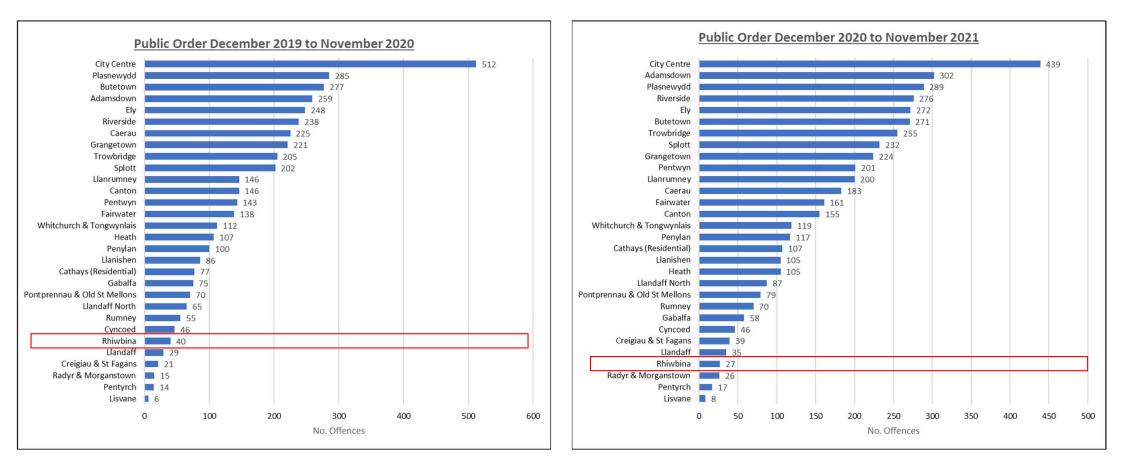
Source: South Wales Police





Source: South Wales Police





Source: South Wales Police