

Ward Profiles

Penylan

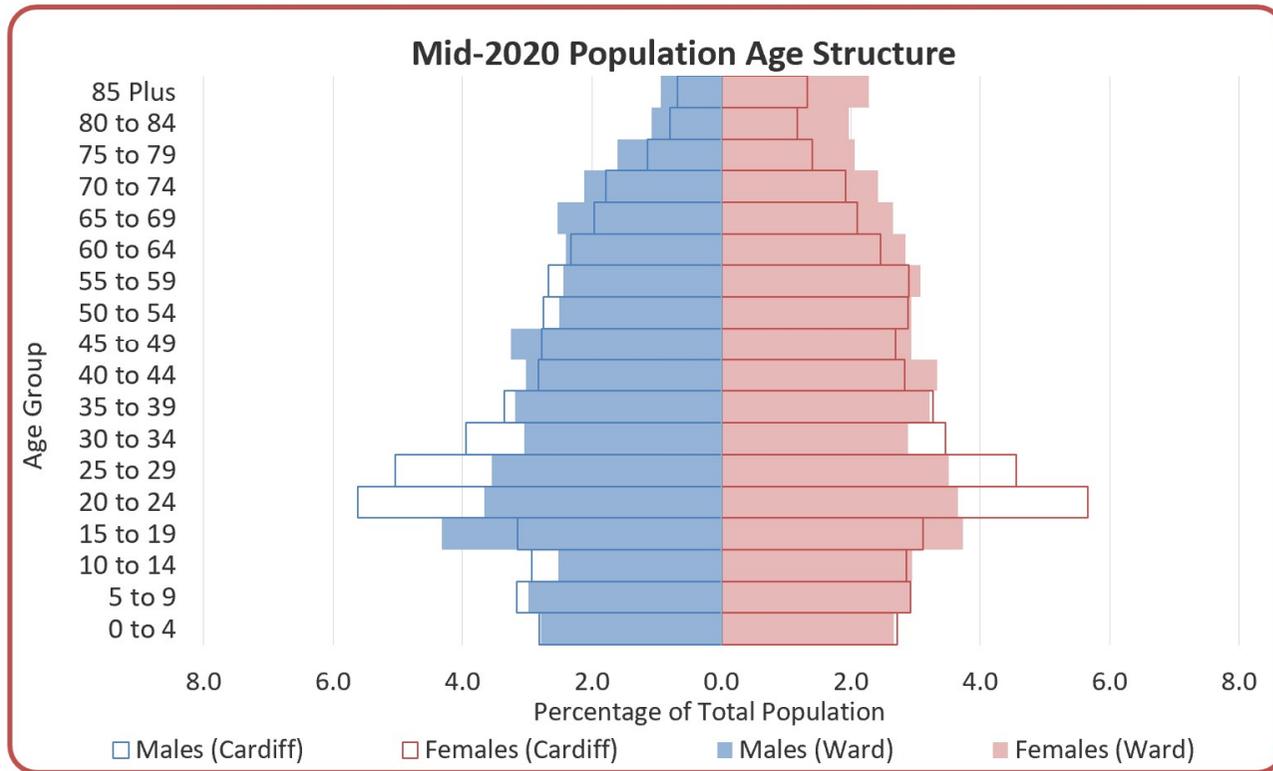
Indicator List

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
 - NO₂
 - PM_{2.5} / 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

Penylan Electoral Ward

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



Source: Mid-2020 Population Estimates

Population (Mid-2020)

	PLN	Cardiff
Total Usual Residents	13,097	369,202
Male	6,280	183,689
Female	6,817	185,513

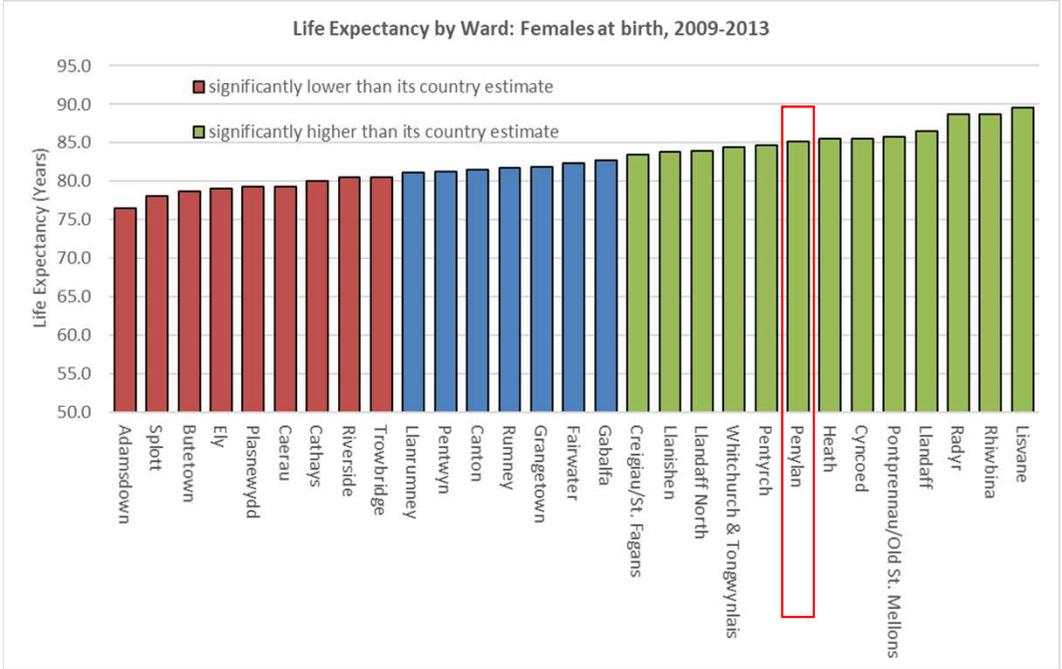
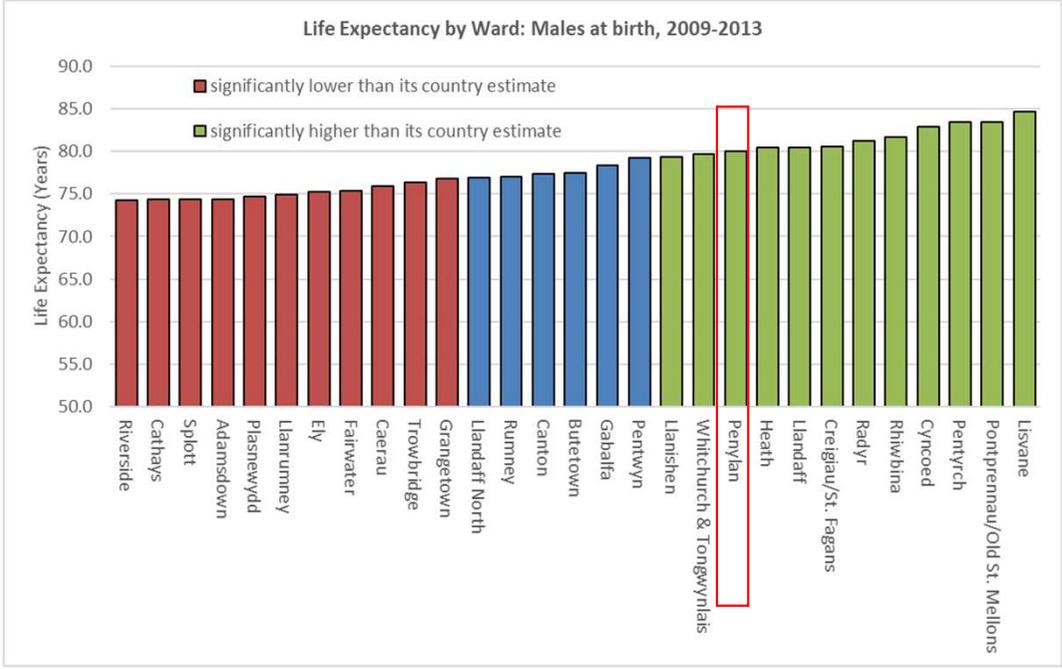
Source: Mid-2020 Population Estimates

Country of Birth

	PLN (%)	Cardiff (%)
Total Usual Residents	12,657	346,090
Wales	63.2	68.7
England	21.8	16.9
Northern Ireland	0.4	0.3
Scotland	1.1	0.8
Republic of Ireland	0.9	0.6
Other EU Countries	3.1	3.3
Other Countries	9.5	9.4
Total	100.0	100.0

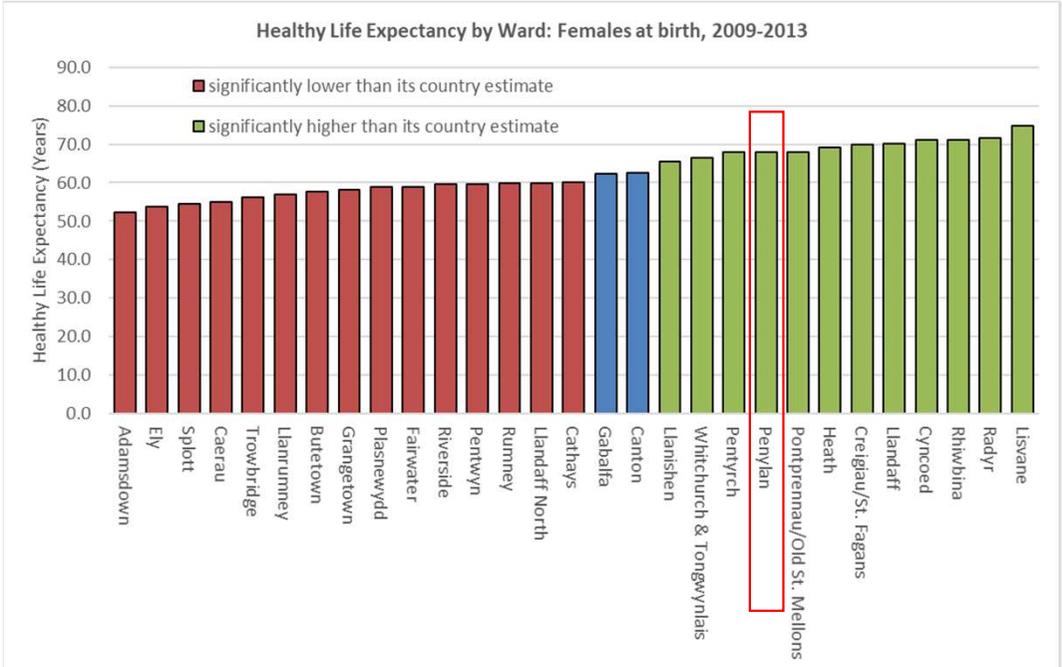
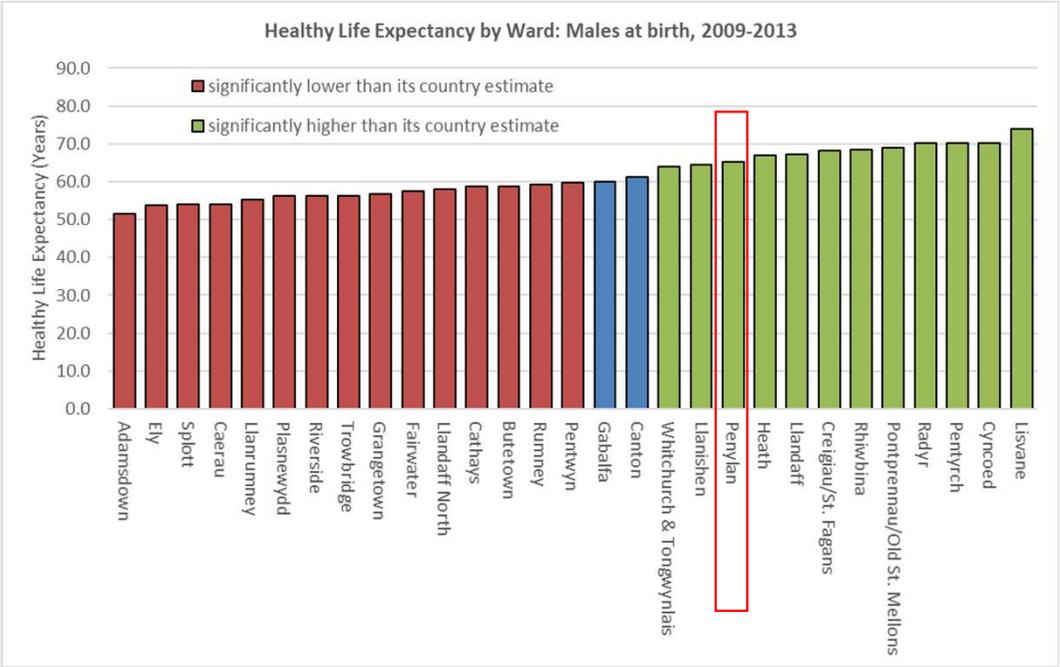
Source: 2011 Census

Life Expectancy



Source: ONS

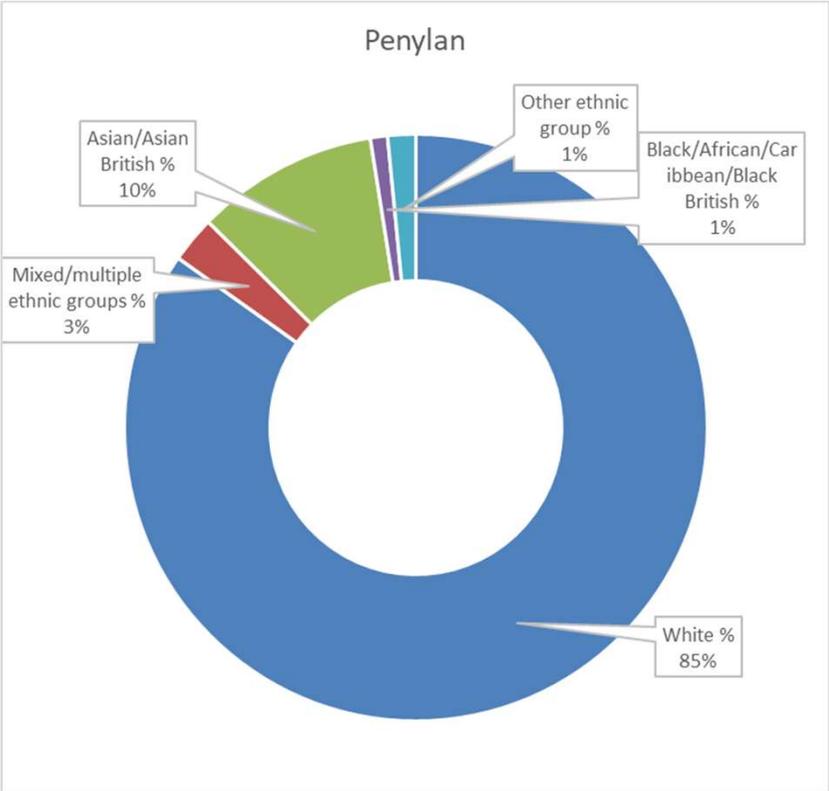
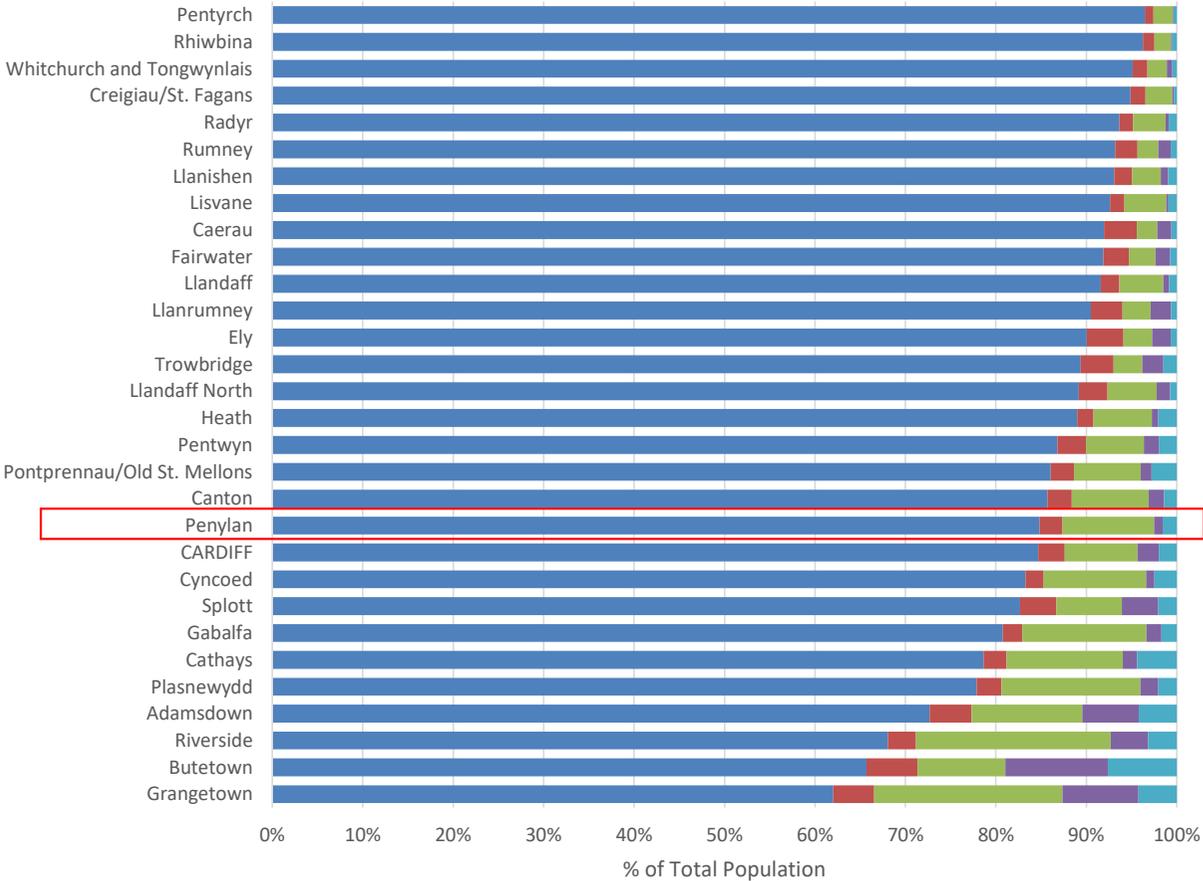
Healthy Life Expectancy



Source: ONS

Ethnic Profile

Ethnicity of Cardiff Residents by Ward, 2011



Source: 2011 Census

General Demographic Information – Census 2011

Welsh Language		
	PLN	Cardiff
All usual residents aged 3+	12,219	332,273
	%	%
Speak, Read & Write	10.1	8.7
Speak & Read	1.1	0.8
Speak Only	1.4	1.4
Understands Spoken Welsh	3.4	3.1
Other Combination	2.3	2.1
No Knowledge	81.7	83.8
Total	100.0	100.0

Welsh National Identity		
	PLN	Cardiff
Total Usual Residents	12,657	346,090
	%	%
Welsh only identity	43.7	50.4
Welsh and British only identity	9.5	8.2
Other Welsh combined	1.2	1.2
No Welsh identity	45.6	40.2
Total	100.0	100.0

Religion		
	PLN	Cardiff
Total Usual Residents	12,657	346,090
	(%)	(%)
Christian	55.4	51.4
Buddhist	0.4	0.5
Hindu	1.1	1.4
Jewish	1.1	0.2
Muslim	7.7	6.8
Sikh	0.6	0.4
Other Religion	0.4	0.4
No Religion	26.4	31.8
Religion not stated	6.9	7.2
Total	100.0	100.0

Passports Held		
	PLN	Cardiff
Total Usual Residents	12,657	346,090
Total Passports Held	11,600	297,109
	(%)	(%)
No Passport	9.5	15.1
United Kingdom	84.3	77.4
Republic of Ireland	0.8	0.6
Other EU Countries	2.6	3.0
Other European Countries	0.2	0.2
Africa	0.6	0.8
Middle East and Asia	2.5	3.1
North America & Caribbean	0.4	0.4
Central & South America	0.0	0.0
Antarctica and Oceania	0.1	0.1

Percentages do not sum to 100 due to more than one passport held by some usual residents

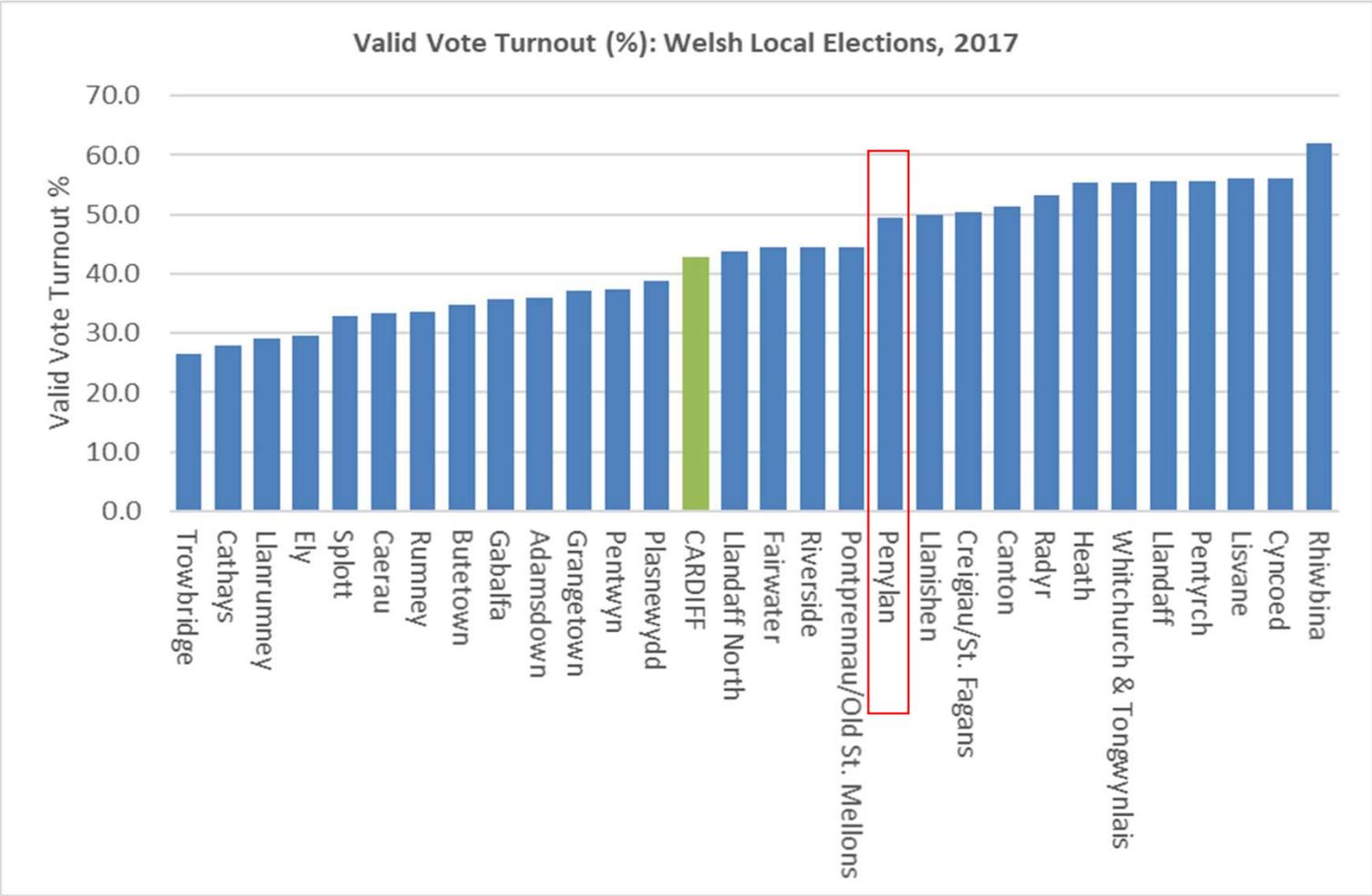
General Demographic Information – Census 2011

Qualifications		
	PLN	Cardiff
All Usual Residents aged 16+	10,643	283,115
	(%)	(%)
None	13.2	20.7
Up to level 1	7.8	11.0
Up to level 2	12.2	13.0
Apprenticeship	2.6	2.8
Up to level 3	14.5	15.2
Up to level 4	44.5	32.3
Other Qualification	5.1	5.0
Total	100.0	100.0

Household Tenure		
	PLN	Cardiff
All Households	5,092	142,557
	(%)	(%)
Owned: Owned outright	37.8	26.5
Owned: Owned with a mortgage or loan	35.6	32.6
Shared ownership (part owned and part rented)	0.2	0.4
Social rented: Rented from council (Local Authority)	0.3	9.5
Social rented: Other	6.4	7.6
Private rented: Private landlord or letting agency	17.6	20.3
Private rented: Other	1.1	1.6
Living rent free	0.9	1.4
Total	100.0	100.0

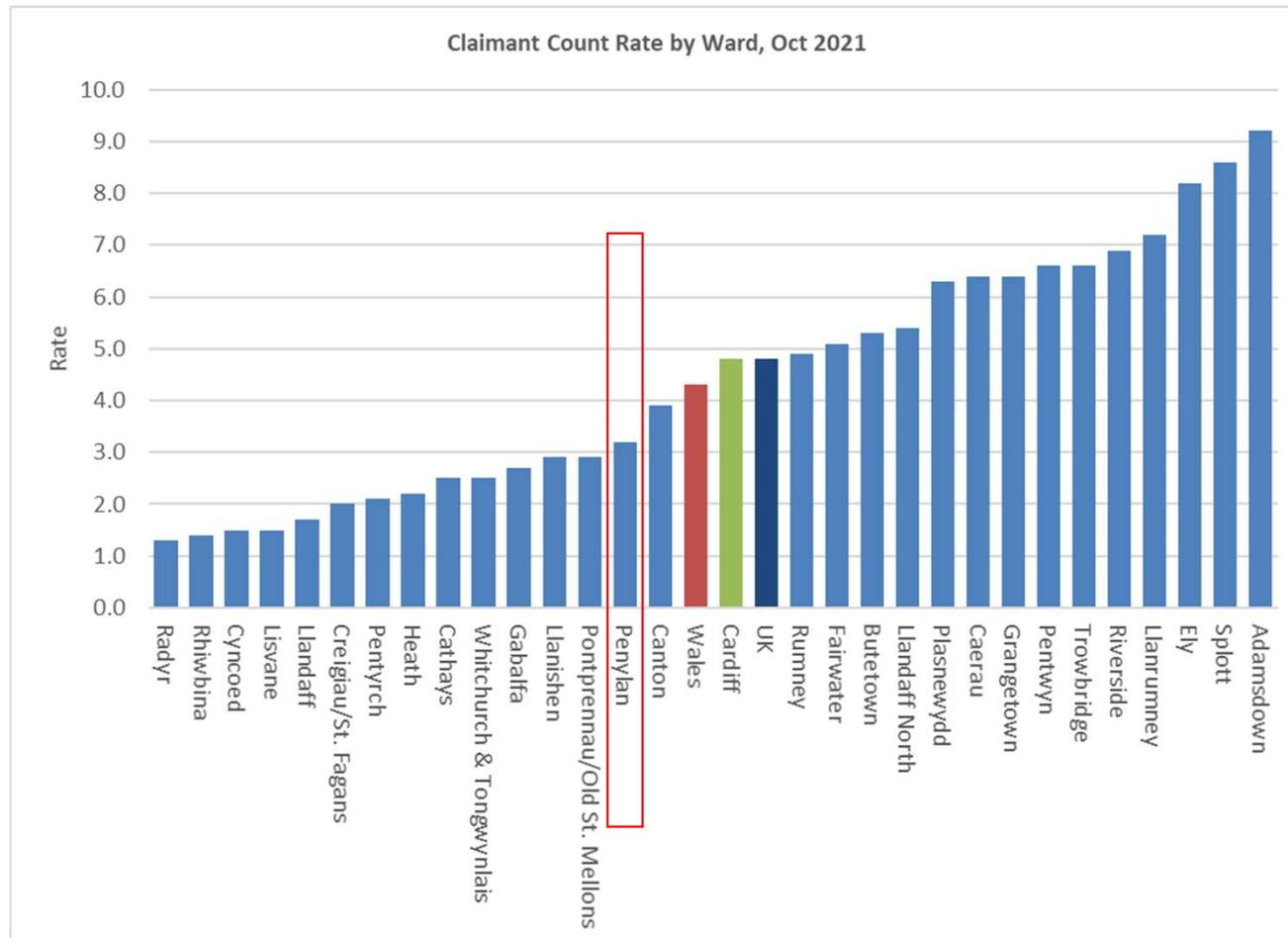
Car or Van Availability to Household		
	PLN	Cardiff
All Households	5,092	142,557
	(%)	(%)
No cars or vans in household	20.3	29.0
1 car or van in household	42.5	42.9
2 cars or vans in household	29.5	22.3
3 cars or vans in household	5.8	4.4
4 or more cars or vans in	1.9	1.4
Total	100.0	100.0
All cars or vans in the area	6,463	152,341

Elections: Valid Vote Turnout



Source: Electoral Commission

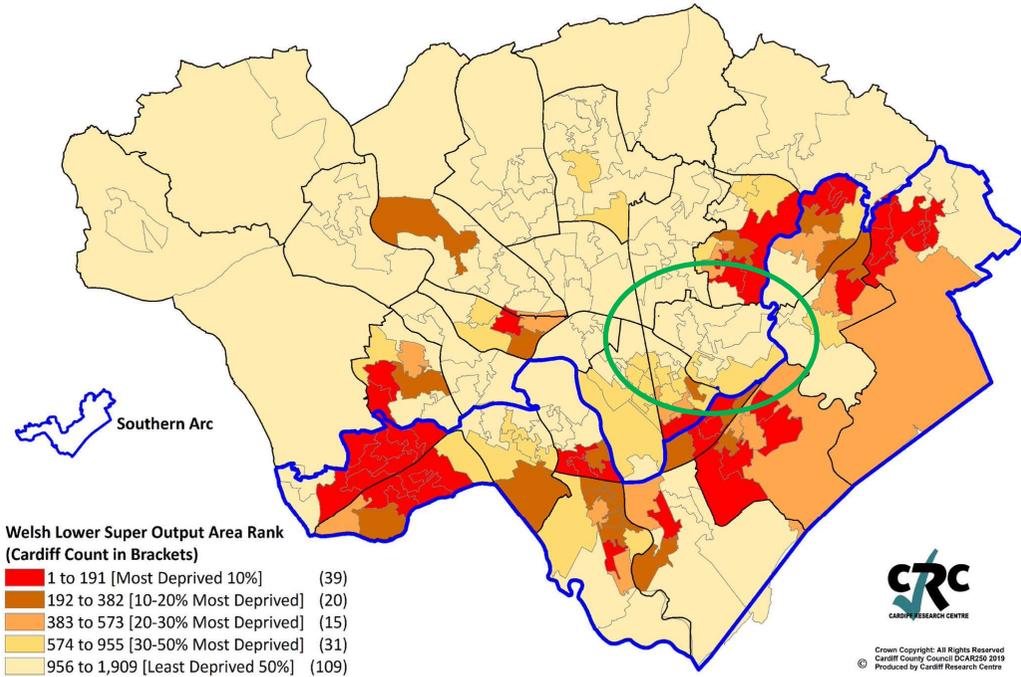
Claimant count – Wards (Aged 16-64)



Source: Claimant Count

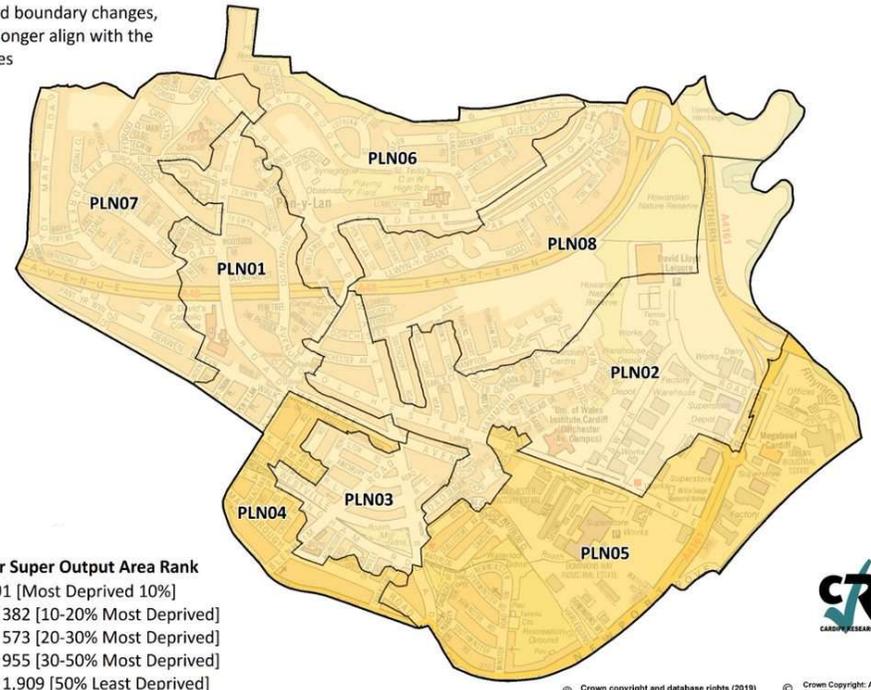
WIMD – Overall

2019 Welsh Index of Multiple Deprivation: Cardiff - Overall Ranks



2019 Welsh Index of Multiple Deprivation Overall Ranks: Penylan

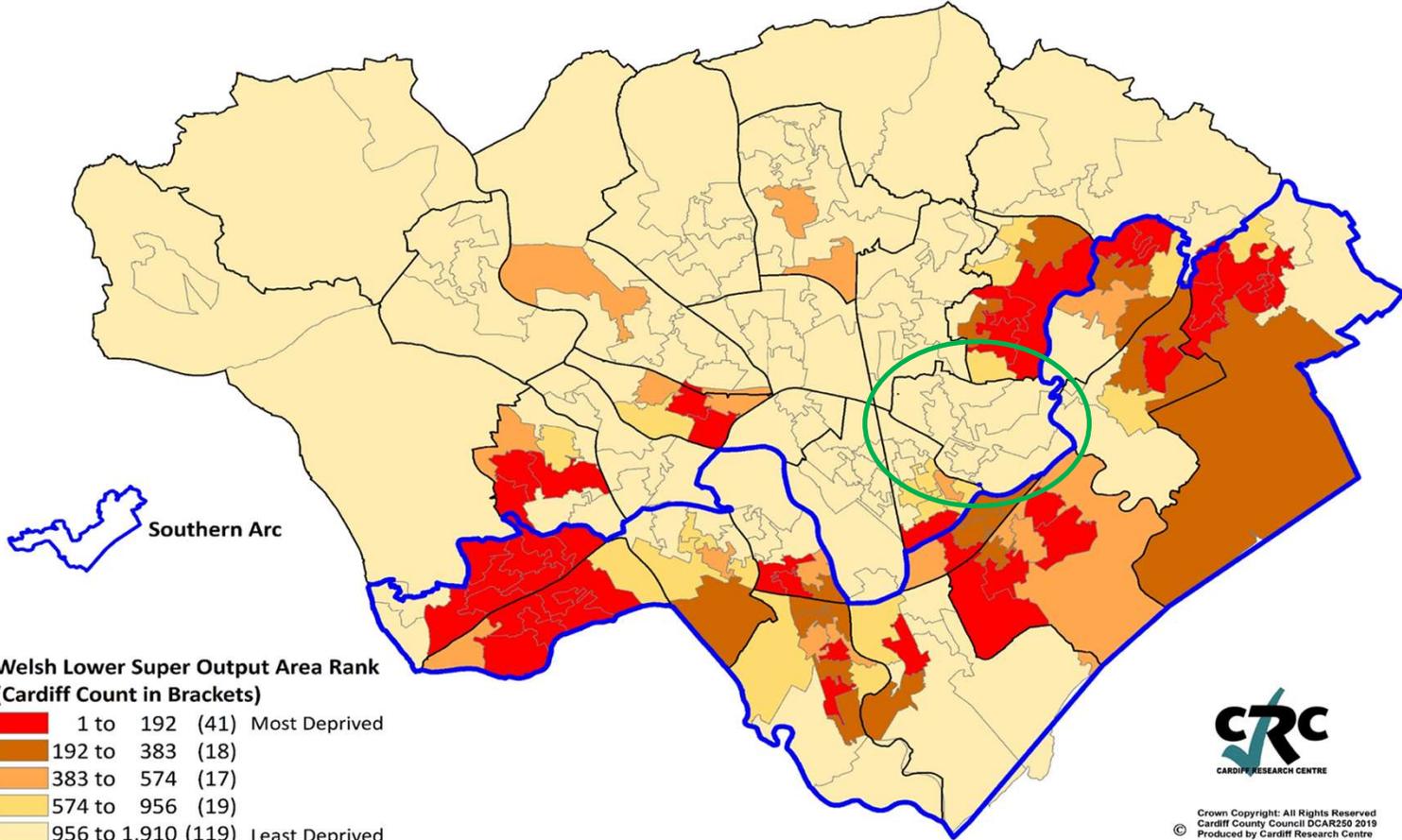
NB. Due to ward boundary changes, LSOAs may no longer align with the ward boundaries



Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

WIMD – Income Domain

2019 Welsh Index of Multiple Deprivation: Cardiff - Income Domain



Domain construction :

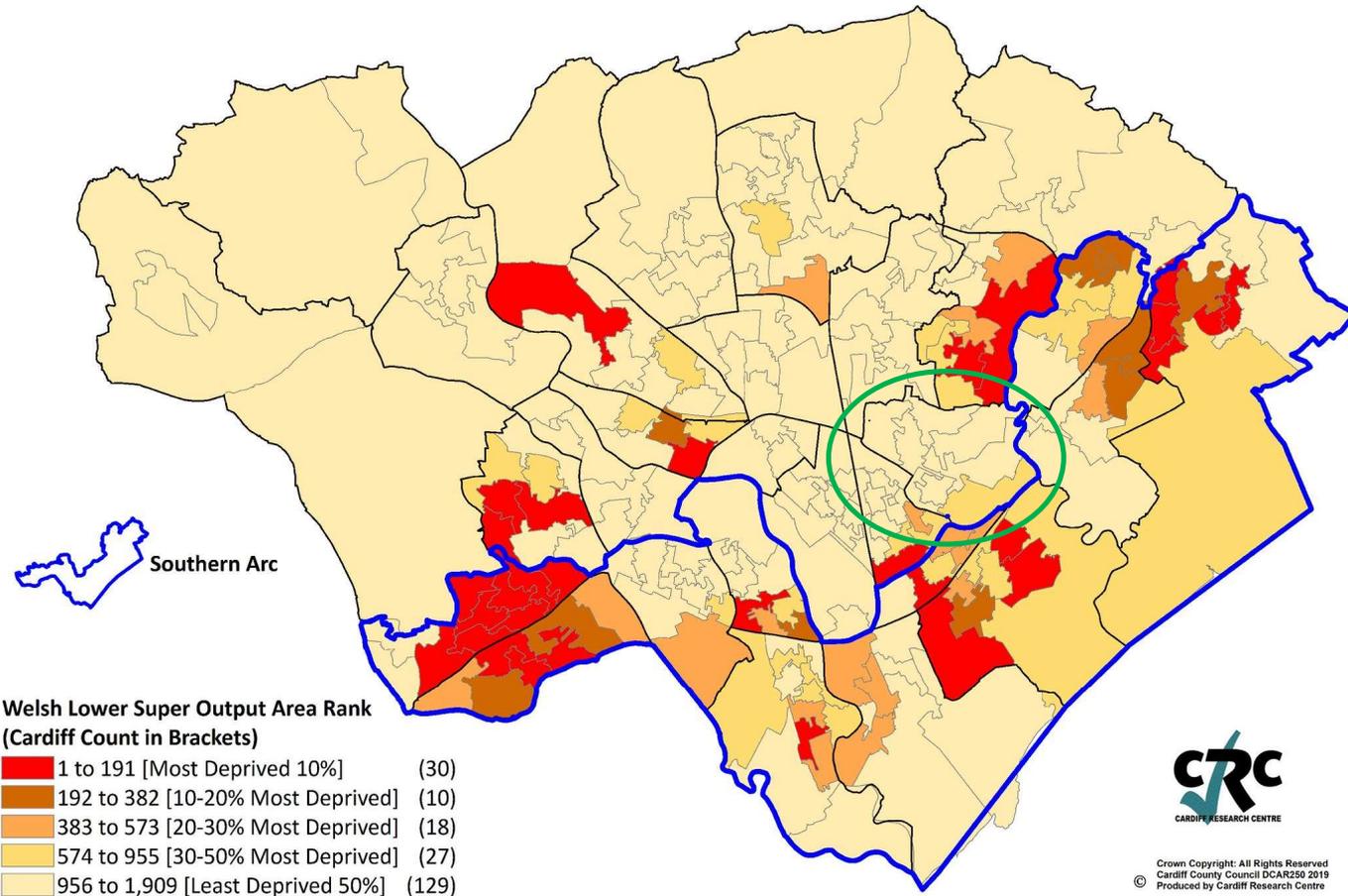
The income domain is made up of one indicator, containing four elements:

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

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

WIMD – Employment Domain

2019 Welsh Index of Multiple Deprivation: Cardiff - Employment Domain



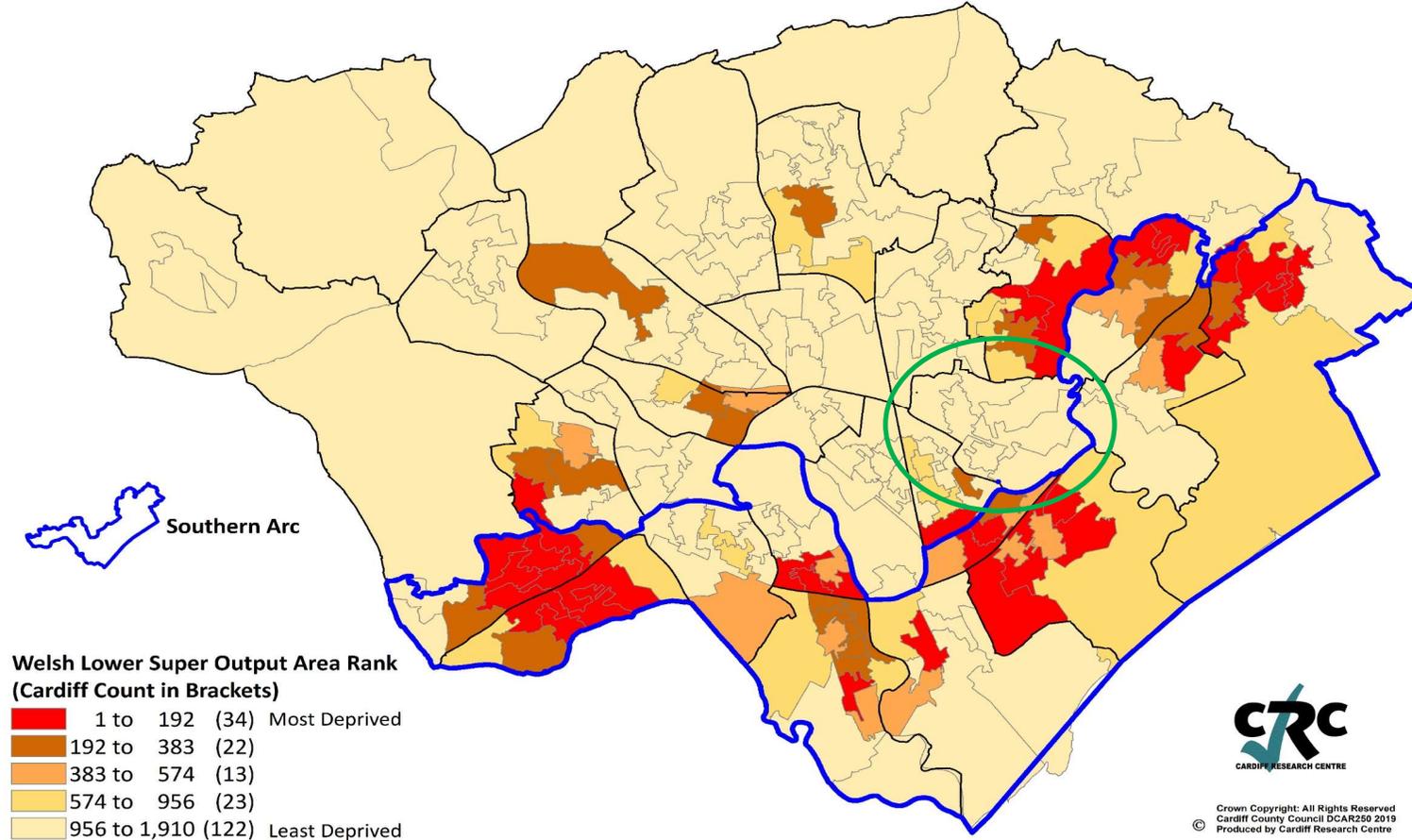
Domain construction :
 The employment domain is made up of one indicator, containing four elements:

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

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

WIMD – Health Domain

2019 Welsh Index of Multiple Deprivation: Cardiff - Health Domain



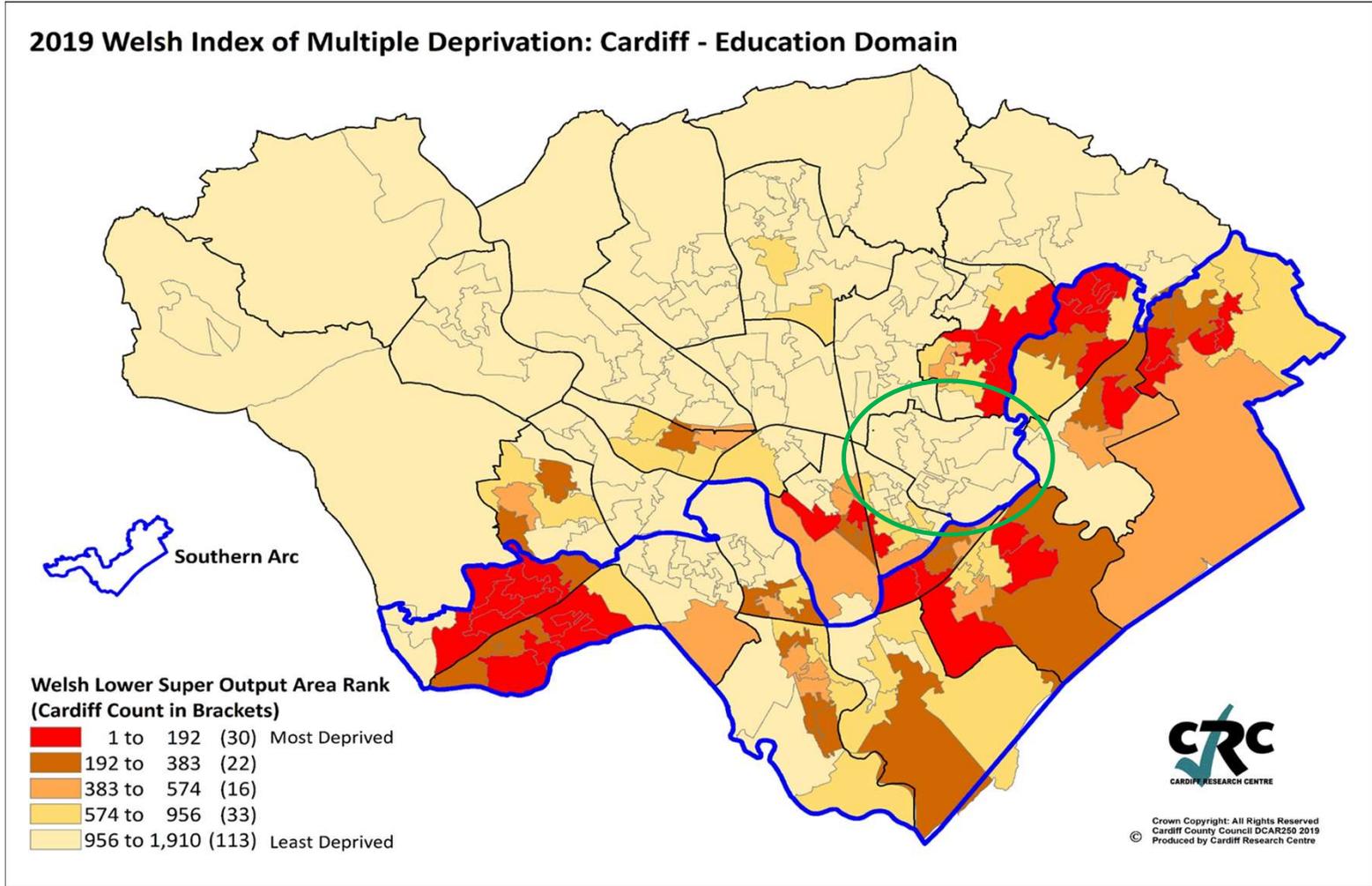
Domain construction :

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

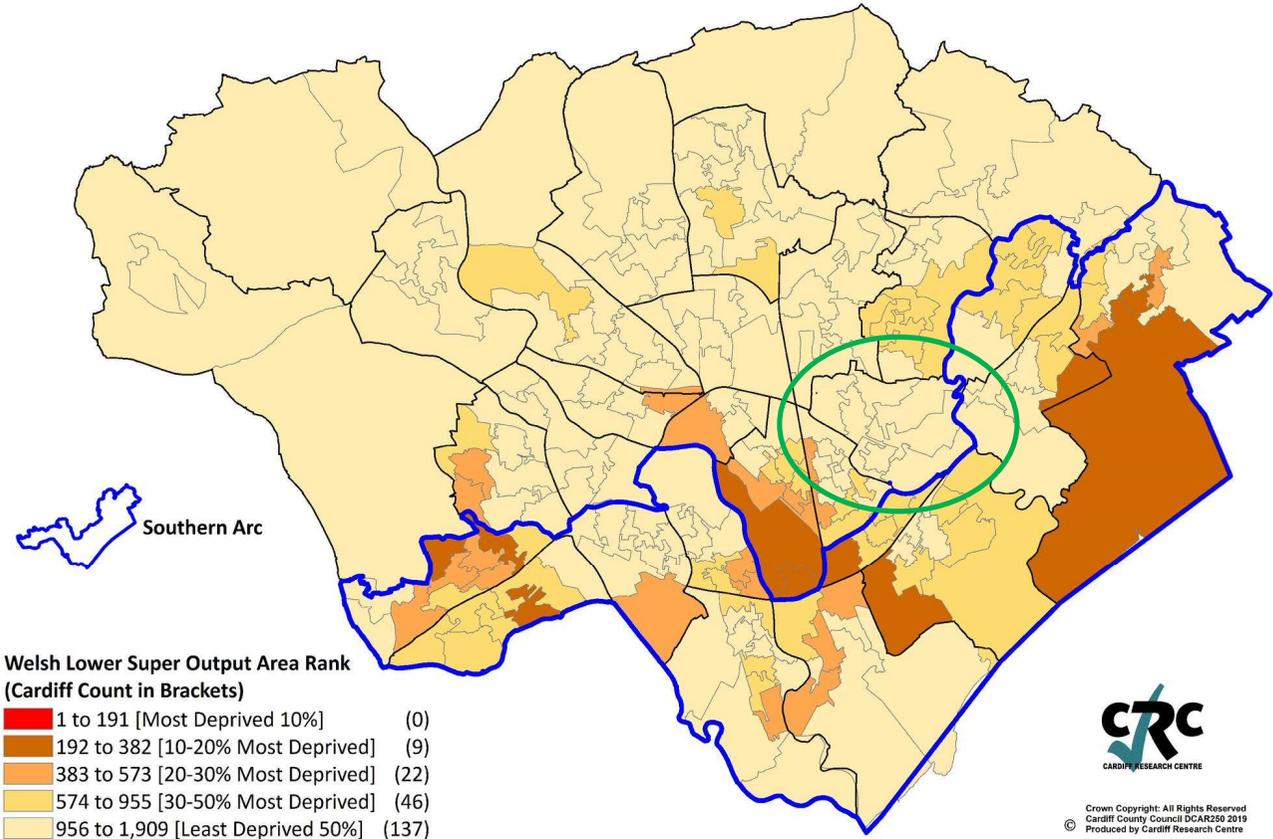


- Domain construction :**
There are six indicators in the education domain, weighted as follows.
- 9.9% Foundation Phase Average Point Score
 - 11.7% Key Stage 2 Average Point Score
 - 27.6% Key Stage 4 Average Point Score for Core Subjects
 - 21.7% Repeat Absenteeism
 - 13.2% Proportion of Key Stage 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

2019 Welsh Index of Multiple Deprivation: Cardiff - Access to Services Domain



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.

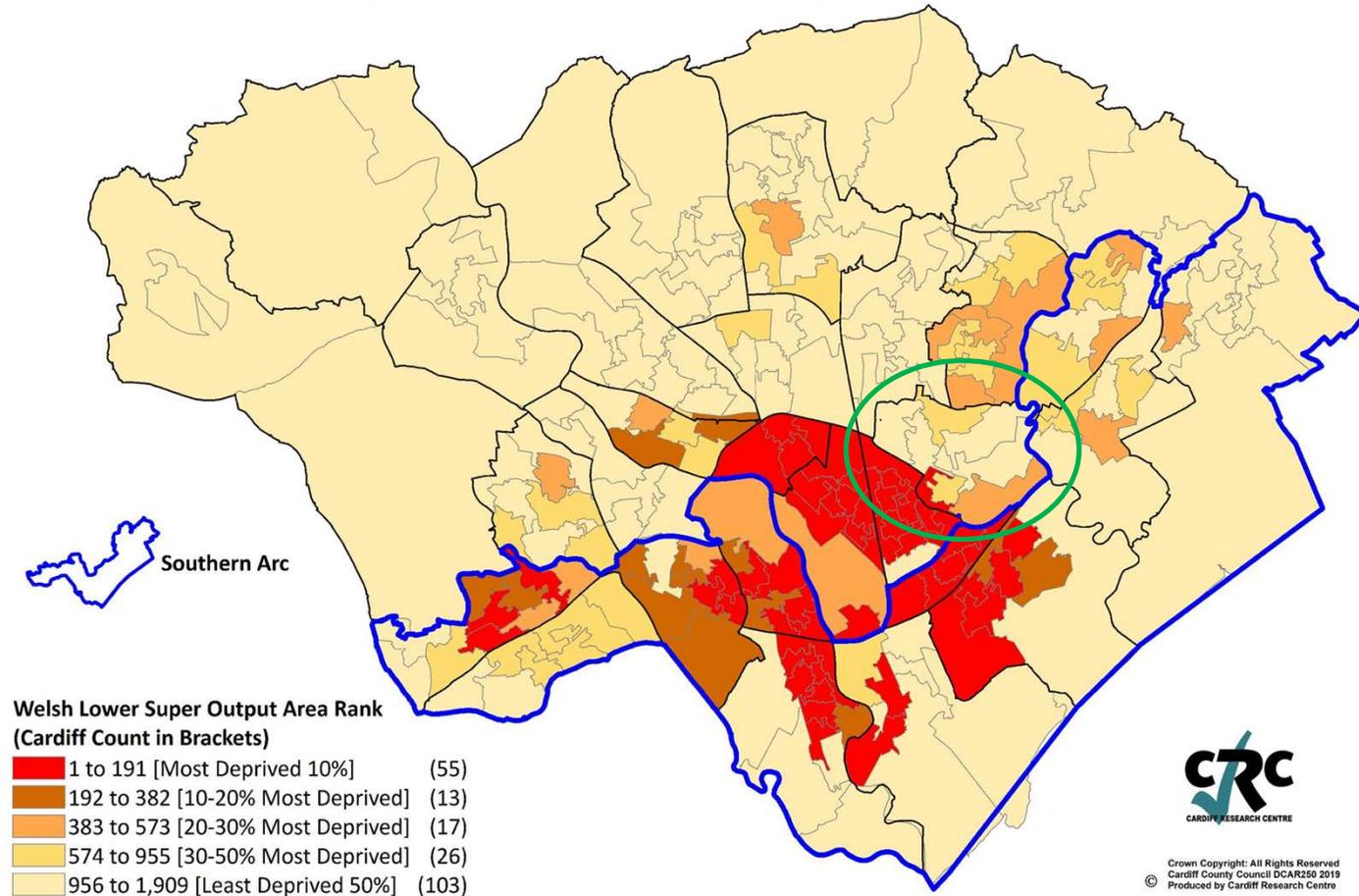
As with all domains, the final domain ranks were then exponentially transformed, to form domain scores for use in the calculation of the overall WIMD 2019:

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

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

WIMD – Housing Domain

2019 Welsh Index of Multiple Deprivation: Cardiff - 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).

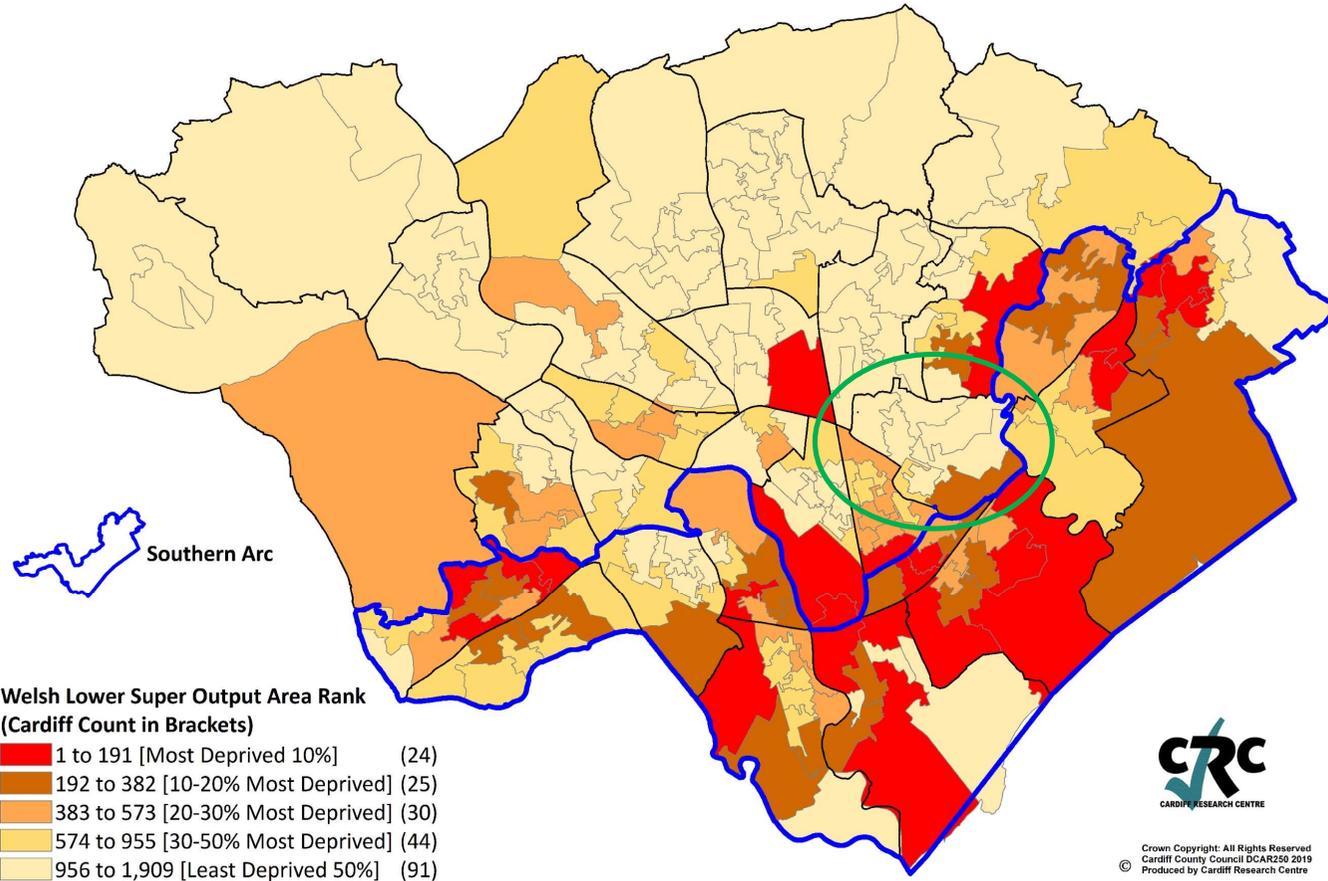


Crown Copyright: All Rights Reserved
 Cardiff County Council DCAR250 2019
 Produced by Cardiff Research Centre

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

WIMD – Community Safety Domain

2019 Welsh Index of Multiple Deprivation: Cardiff - 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

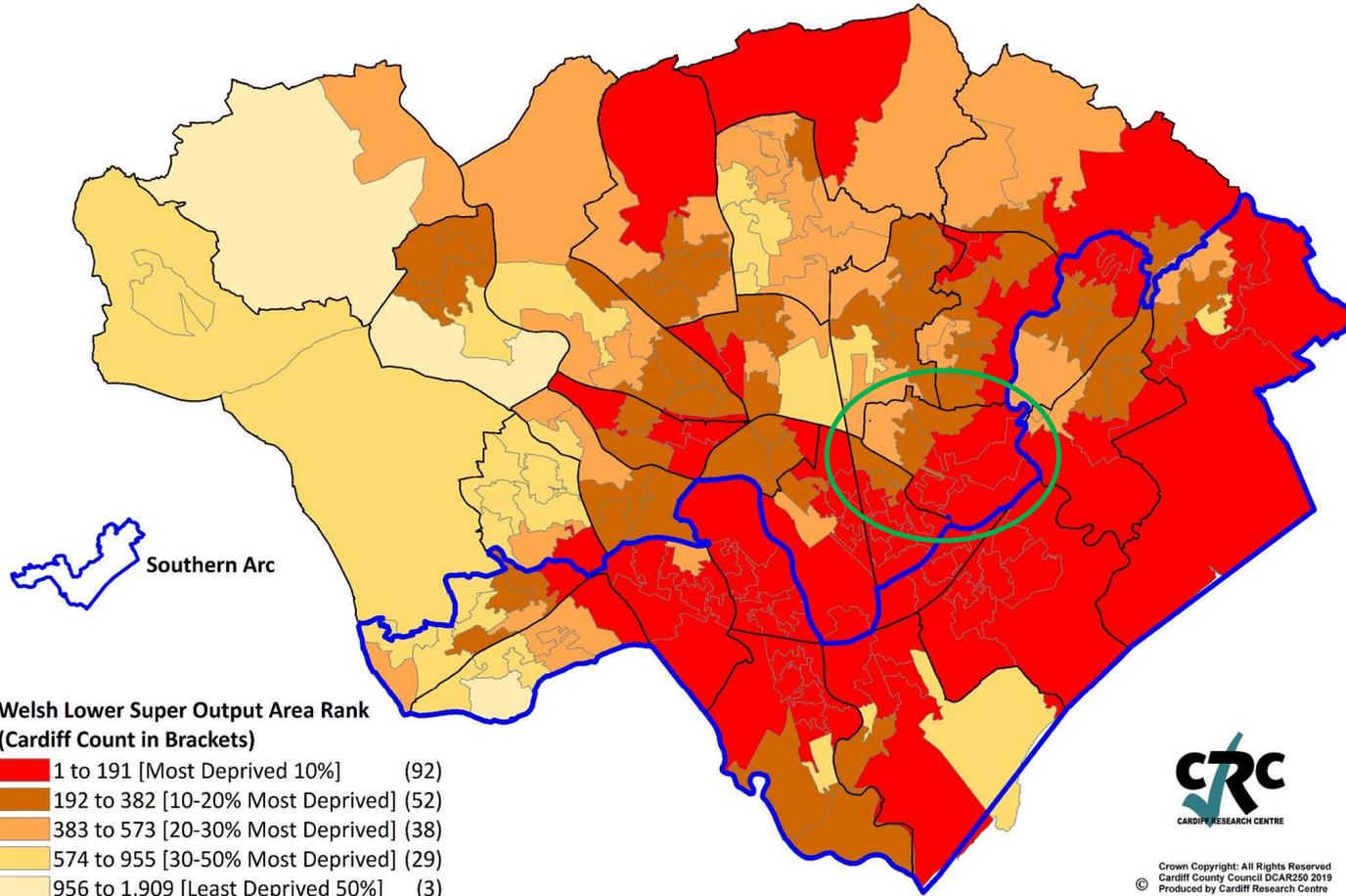


Crown Copyright: All Rights Reserved
 Cardiff County Council DCAR250 2019
 Produced by Cardiff Research Centre

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

WIMD – Physical Environment Domain

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



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

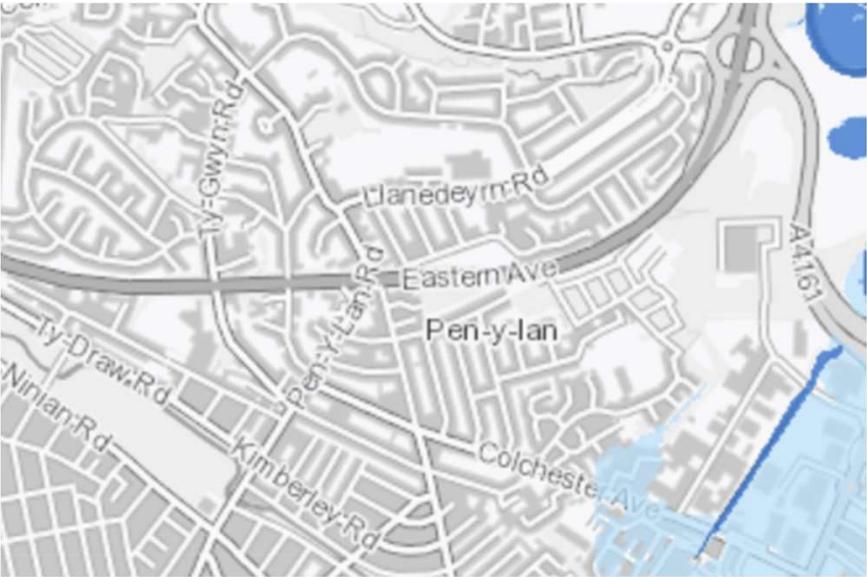
- 40% Air Quality Sub Domain
 - Population Weighted Average Concentration Value for Nitrogen Dioxide
 - Population Weighted Average Concentration Value for Particulates < 10 µm
 - Population Weighted Average Concentration Value for Particulates < 2.5 µm
- 40% Flood Risk Sub Domain
 - Households at risk of flooding score
- 20% Green Space Sub Domain
 - Proximity to accessible natural green space score (% of households)
 - Ambient Green Space Score



Crown Copyright: All Rights Reserved
 Cardiff County Council DCAR259 2019
 © Produced by Cardiff Research Centre

Source: Welsh Index of Multiple Deprivation 2019, Welsh Government

Flood risk from Rivers



Flood Risk from Rivers +

Flood Risk from Rivers - Extent

- High
- Medium
- Low



Flood Risk from the Sea

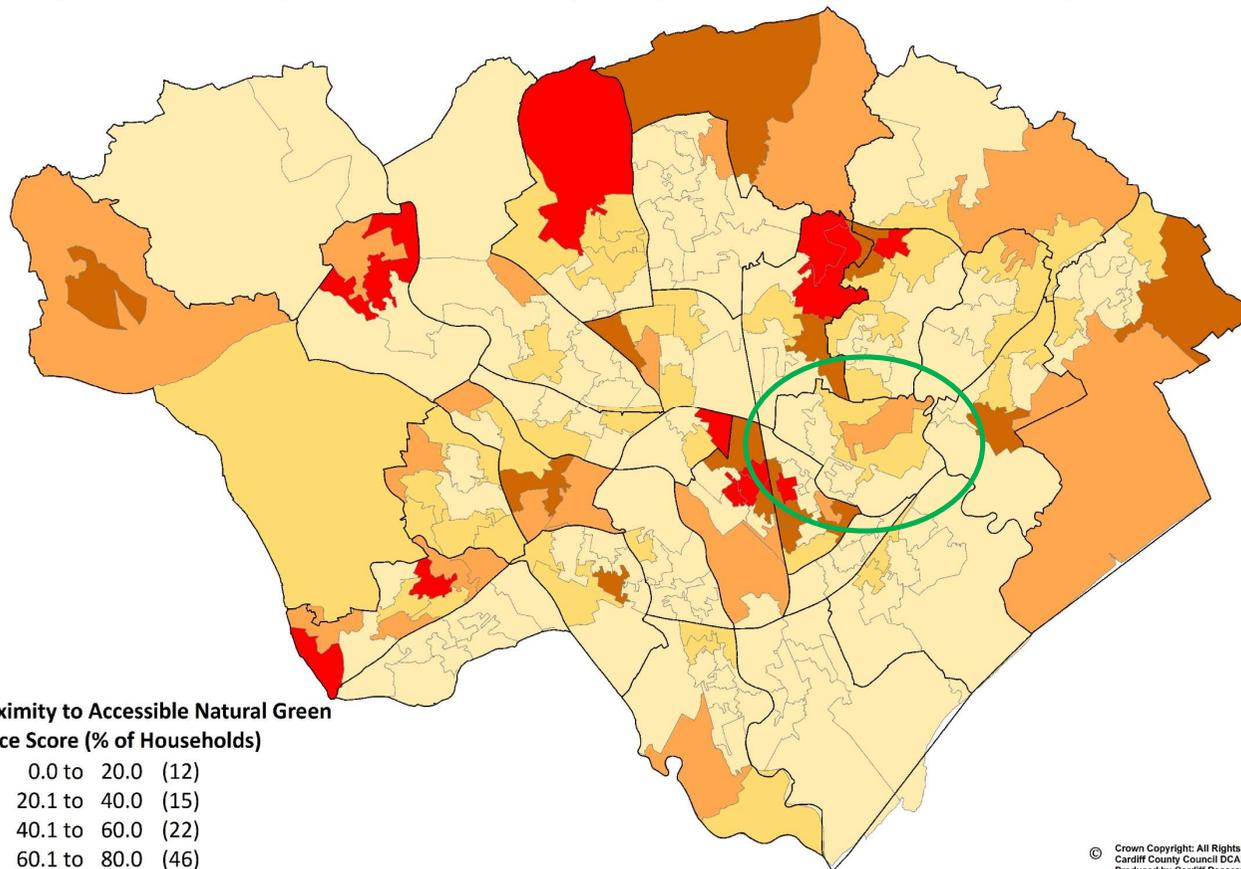
Flood Risk from the Sea

- High
- Medium
- Low

Source: Natural Resources Wales' Flood Risk Map Viewer

Proximity to green space

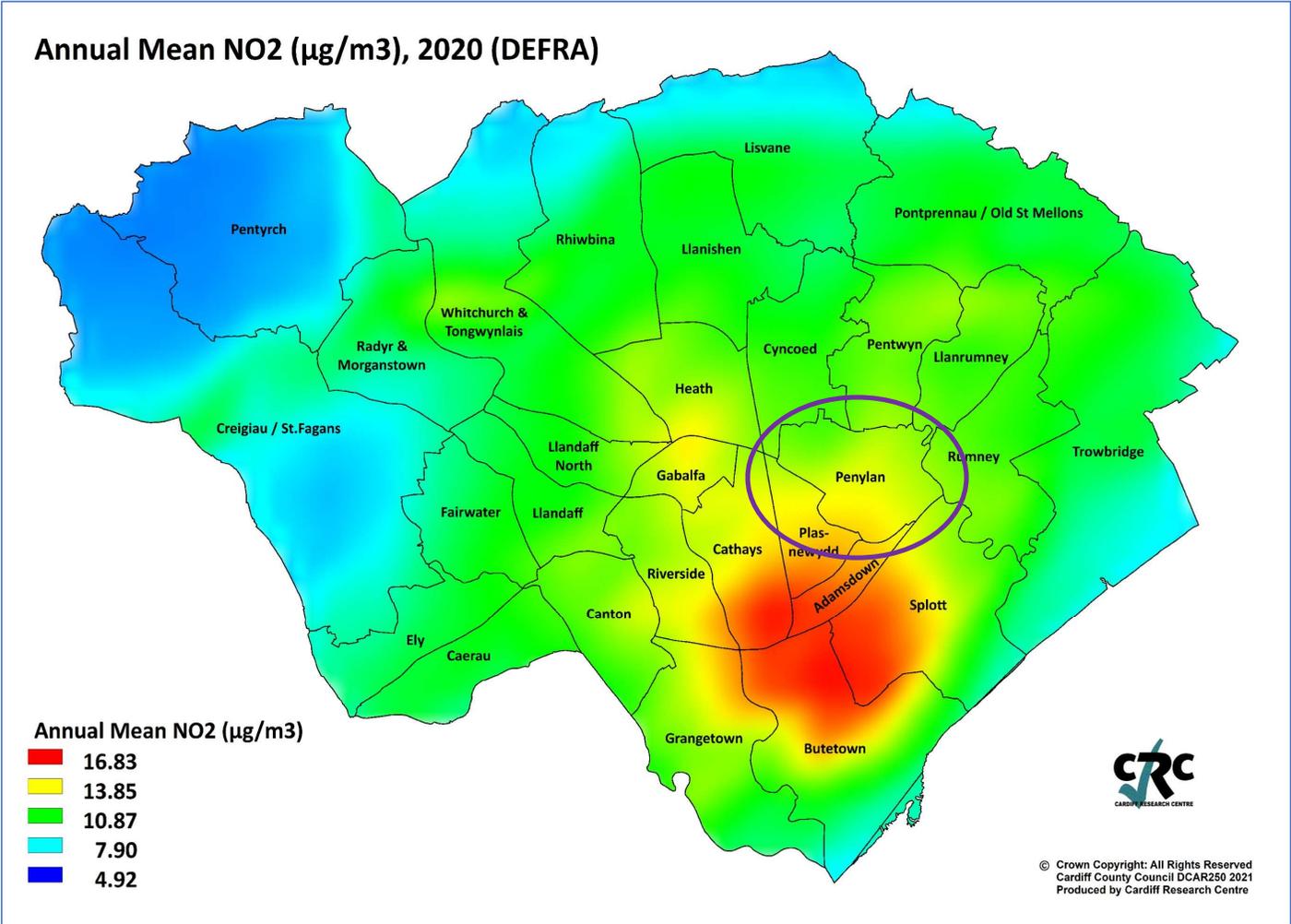
Proximity to Accessible Natural Green Space Score (% of households within a 5 minute walk/300 metres): Cardiff LSOAs (Welsh Index of Multiple Deprivation: 2019 Indicator Data)



© Crown Copyright: All Rights Reserved
Cardiff County Council DCAR250 2021
Produced by Cardiff Research Centre

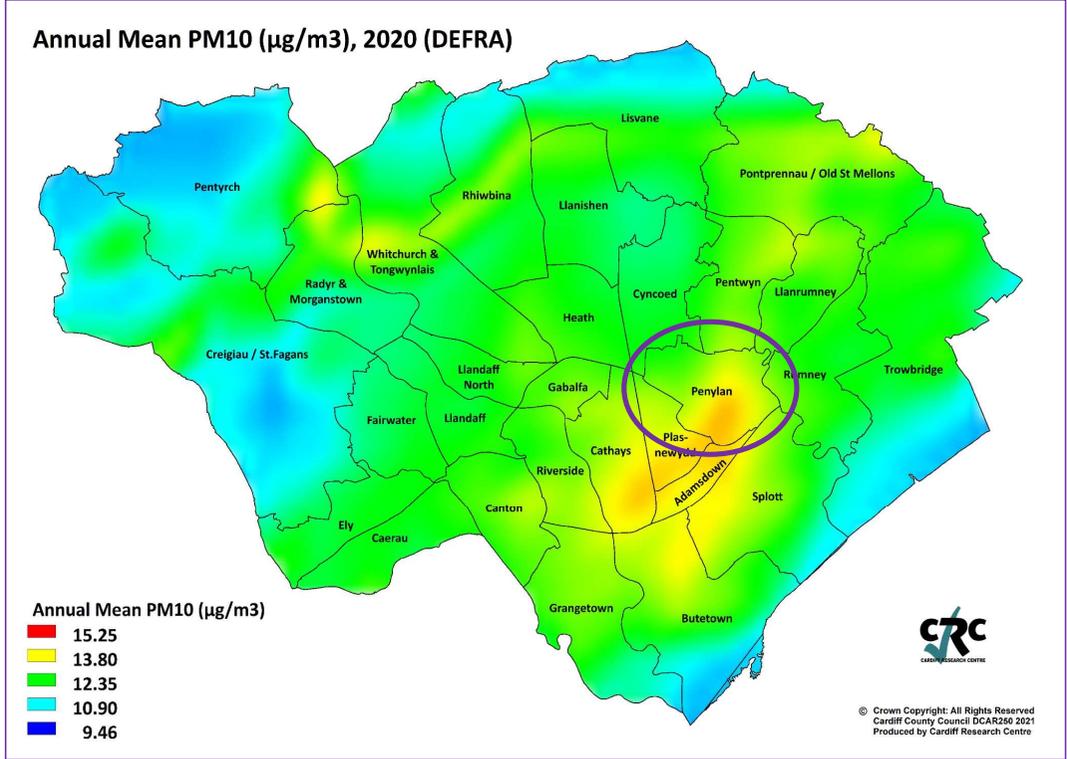
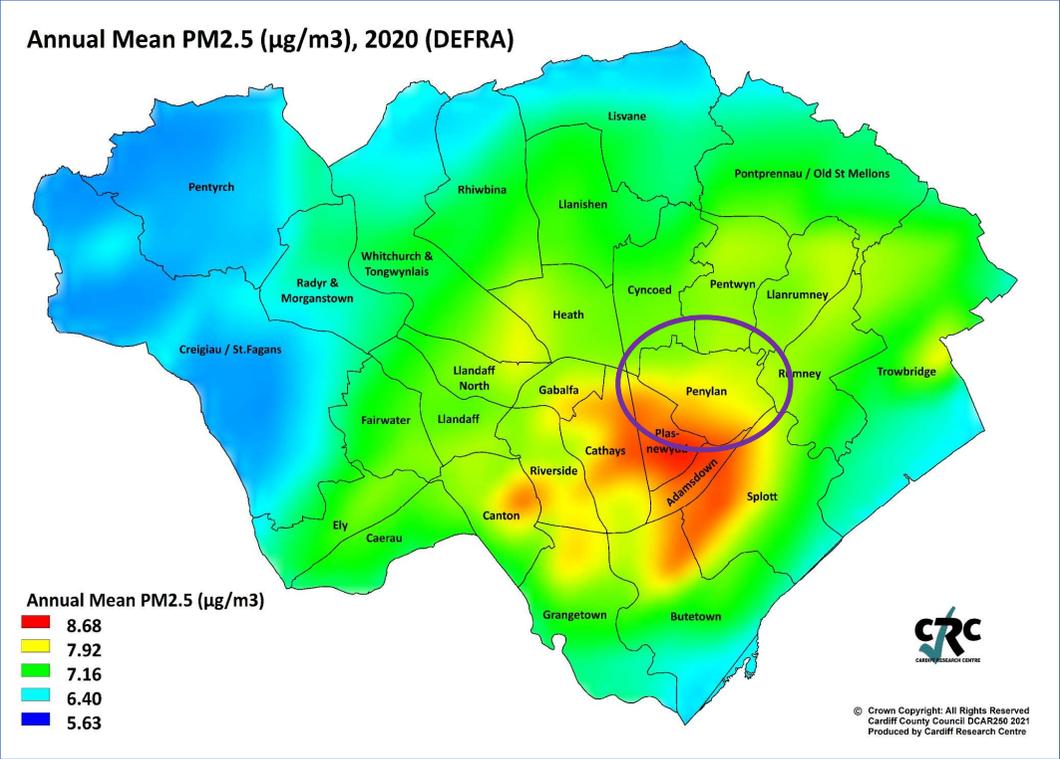
Source: Welsh Index of Multiple Deprivation 2019 Indicator Data, Welsh Government

Pollution Levels in the Air: Nitrogen Dioxide (NO2)



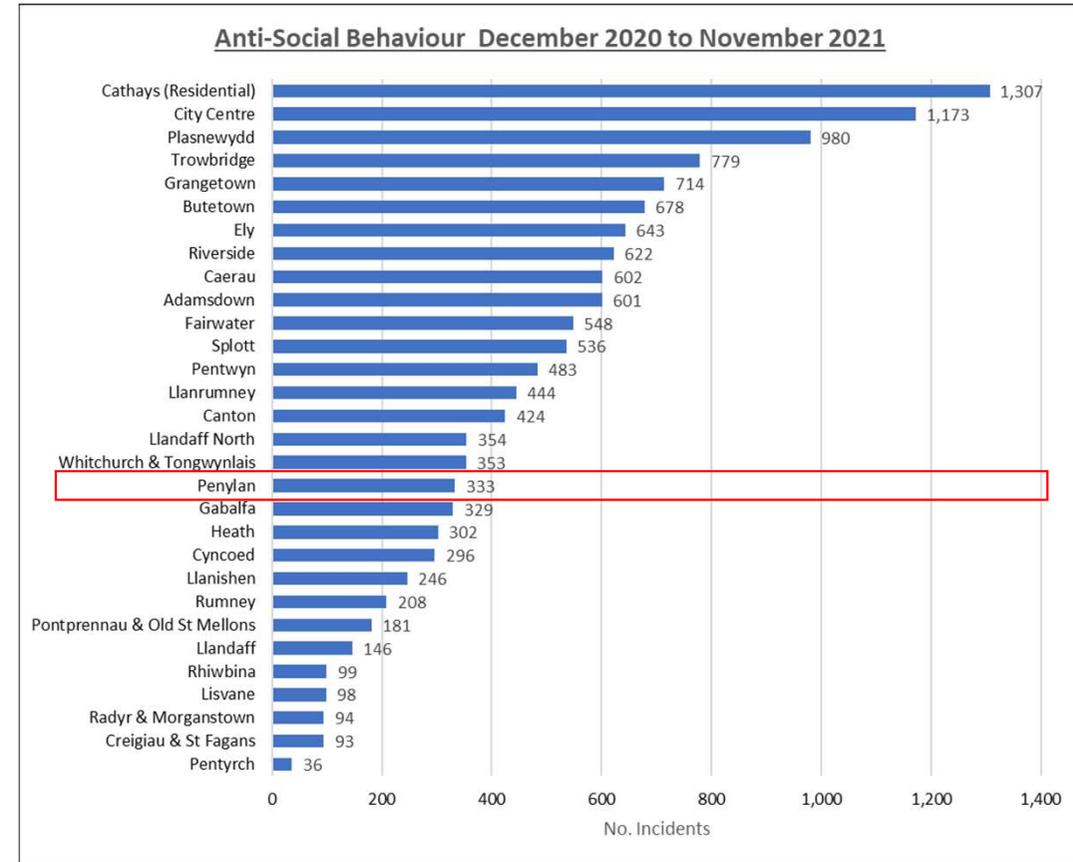
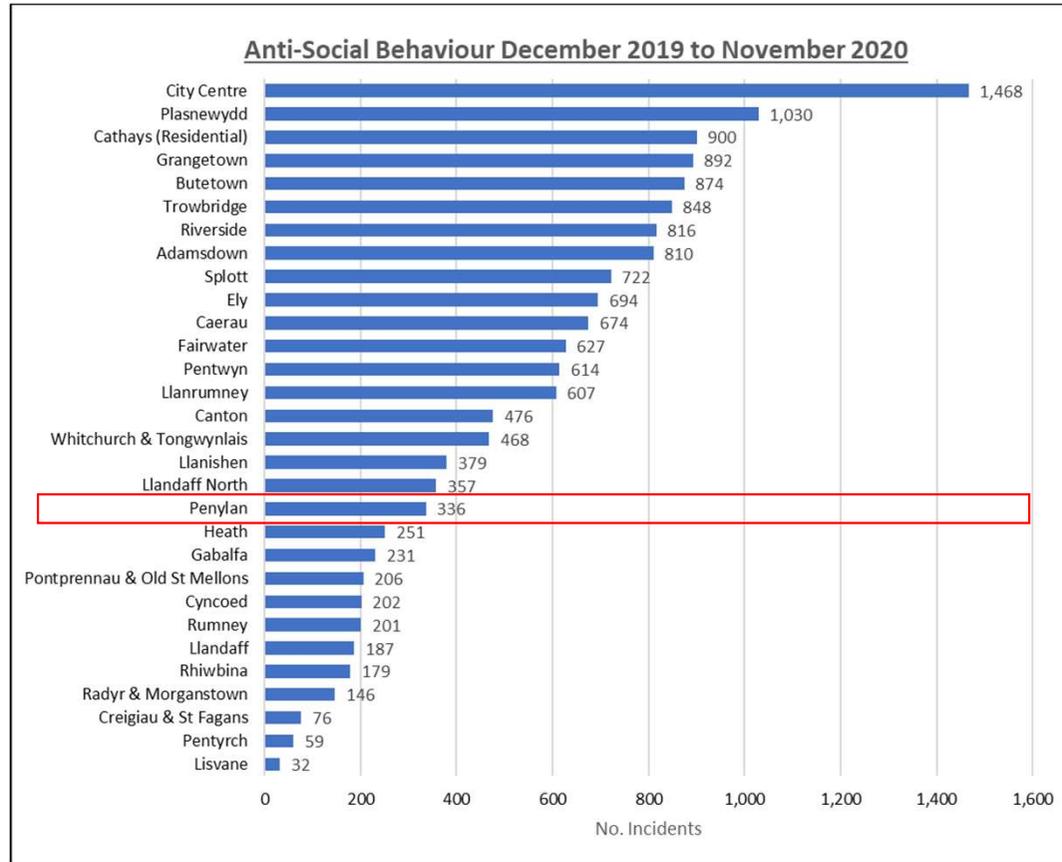
Source: DEFRA

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



Source: DEFRA

Crime – Anti Social Behaviour

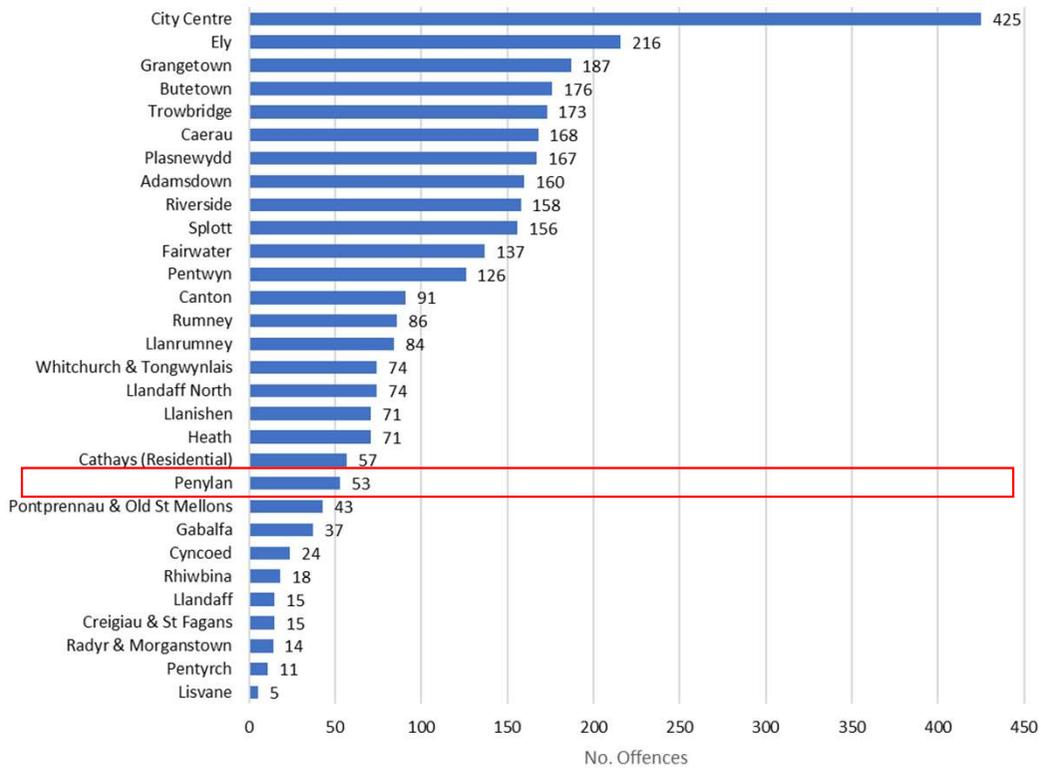


Source: South Wales Police

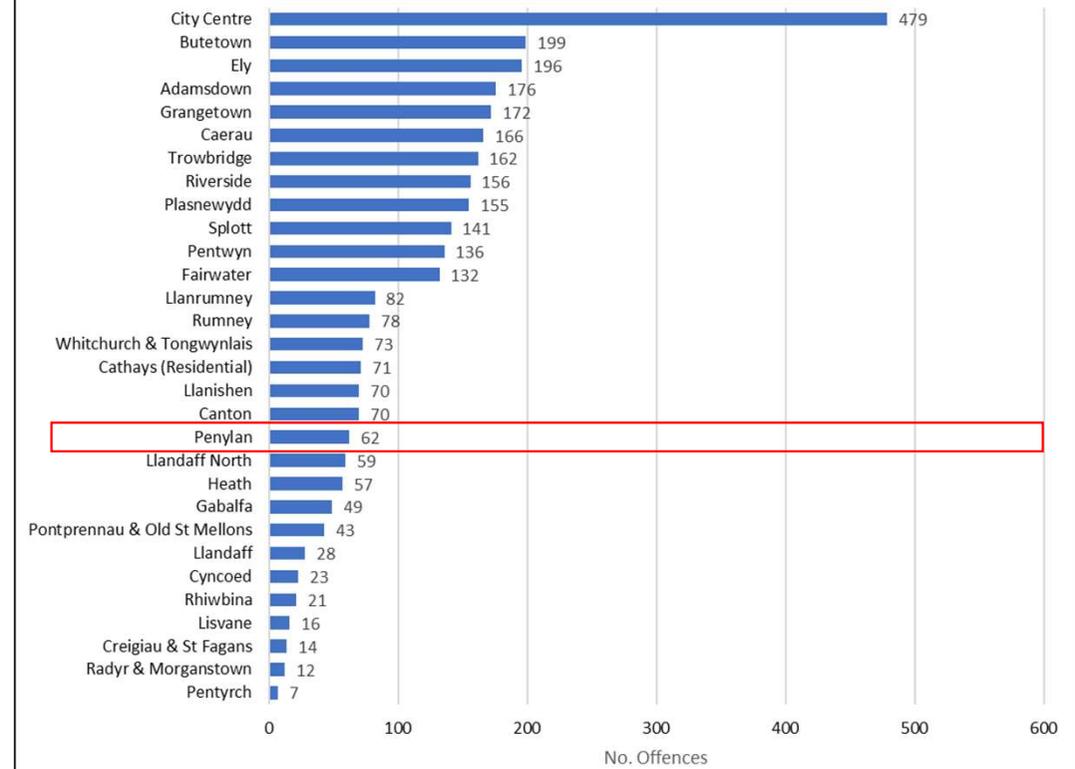
NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Violence with injury

Violence With Injury December 2019 to November 2020



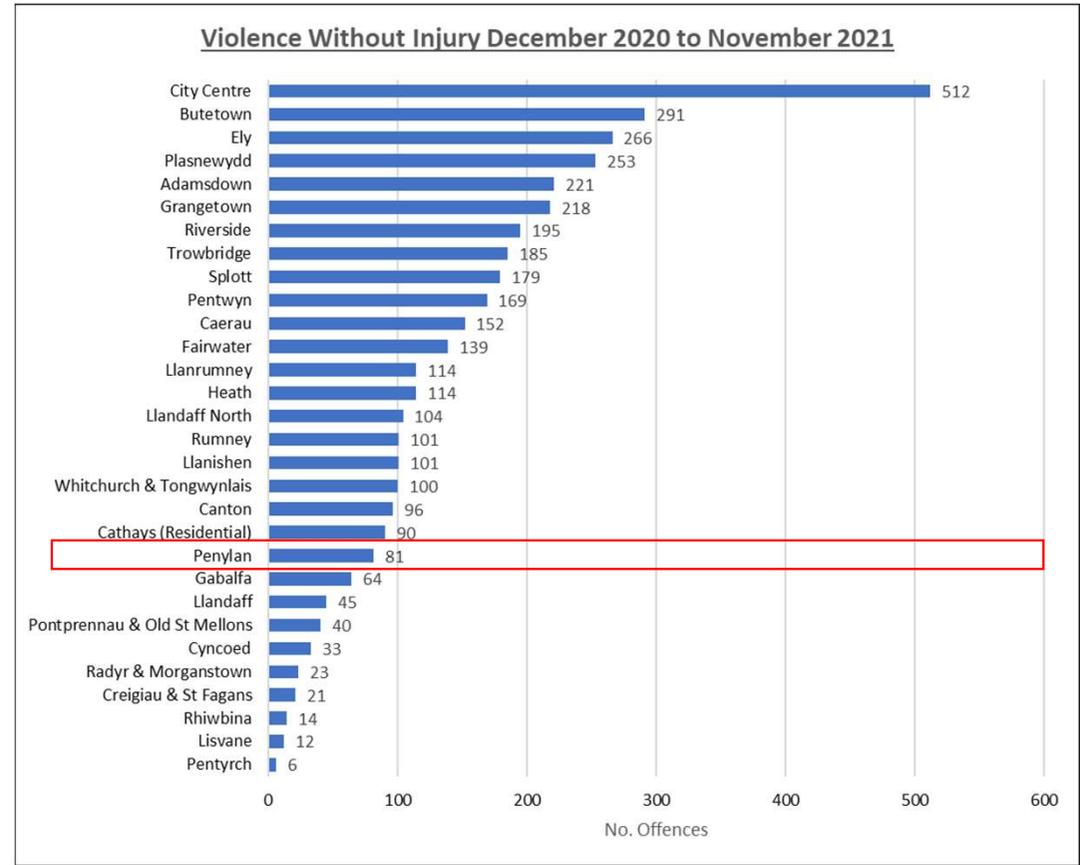
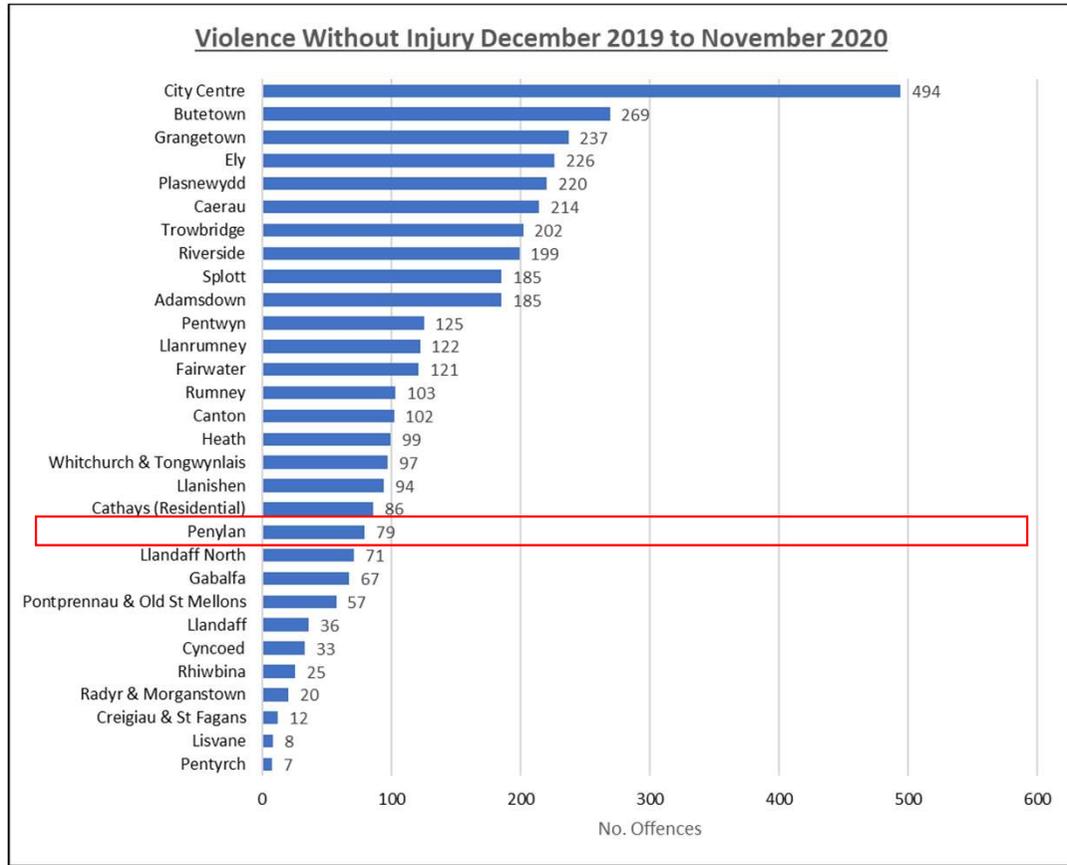
Violence With Injury December 2020 to November 2021



Source: South Wales Police

NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Violence without injury

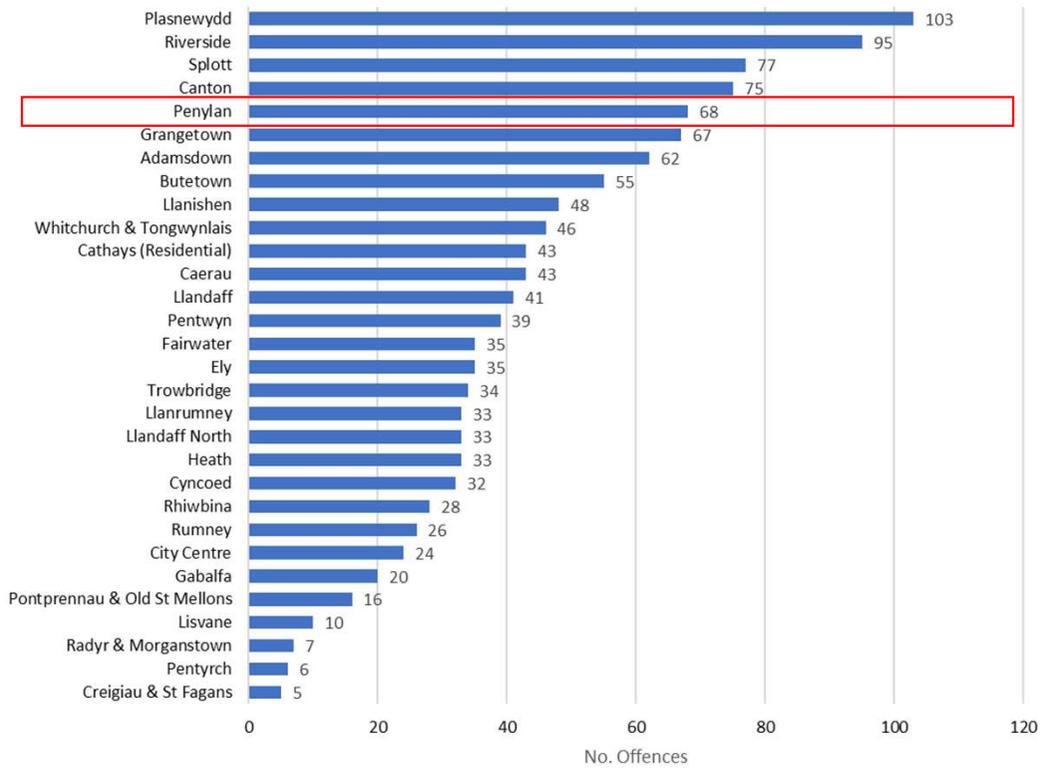


Source: South Wales Police

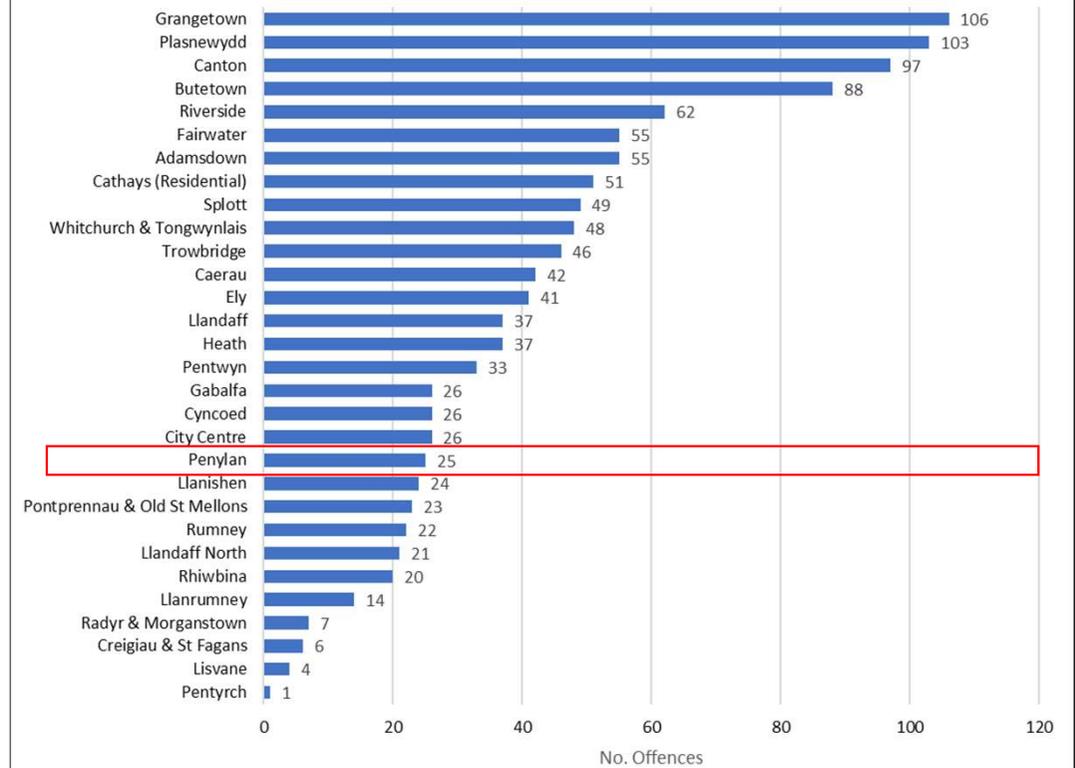
NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Residential Burglary

Burglary Residential December 2019 to November 2020



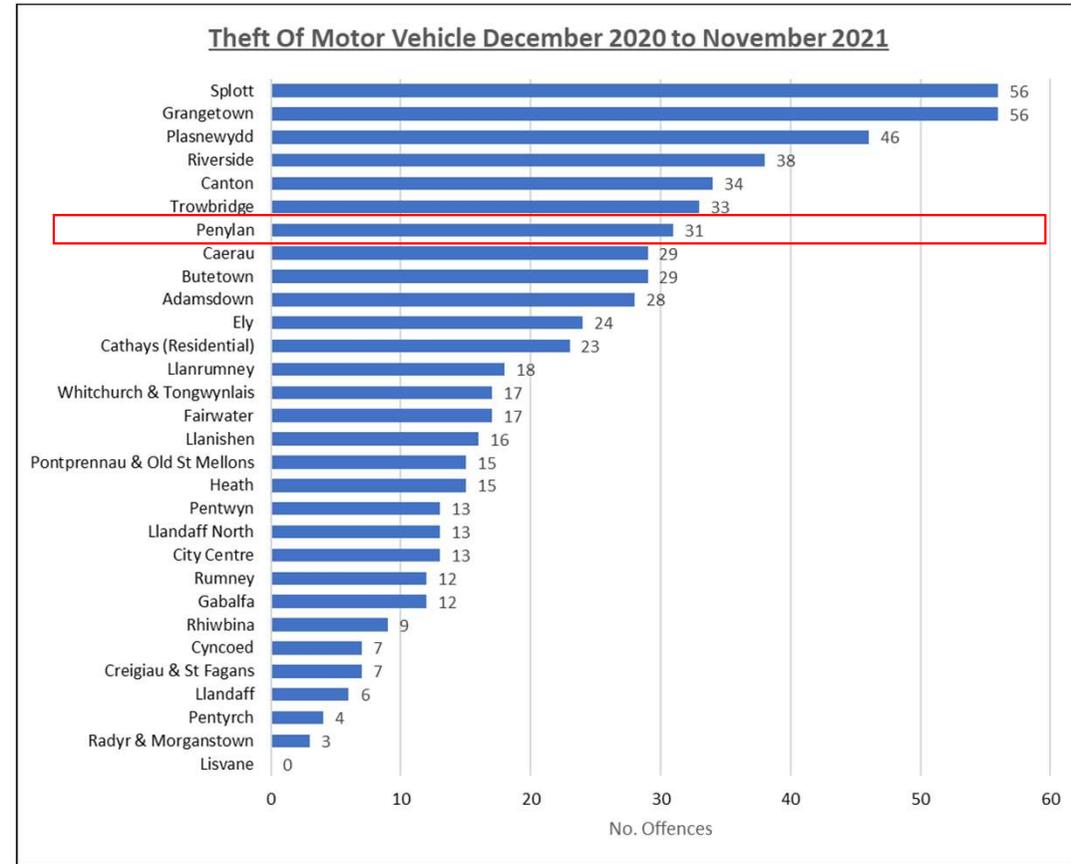
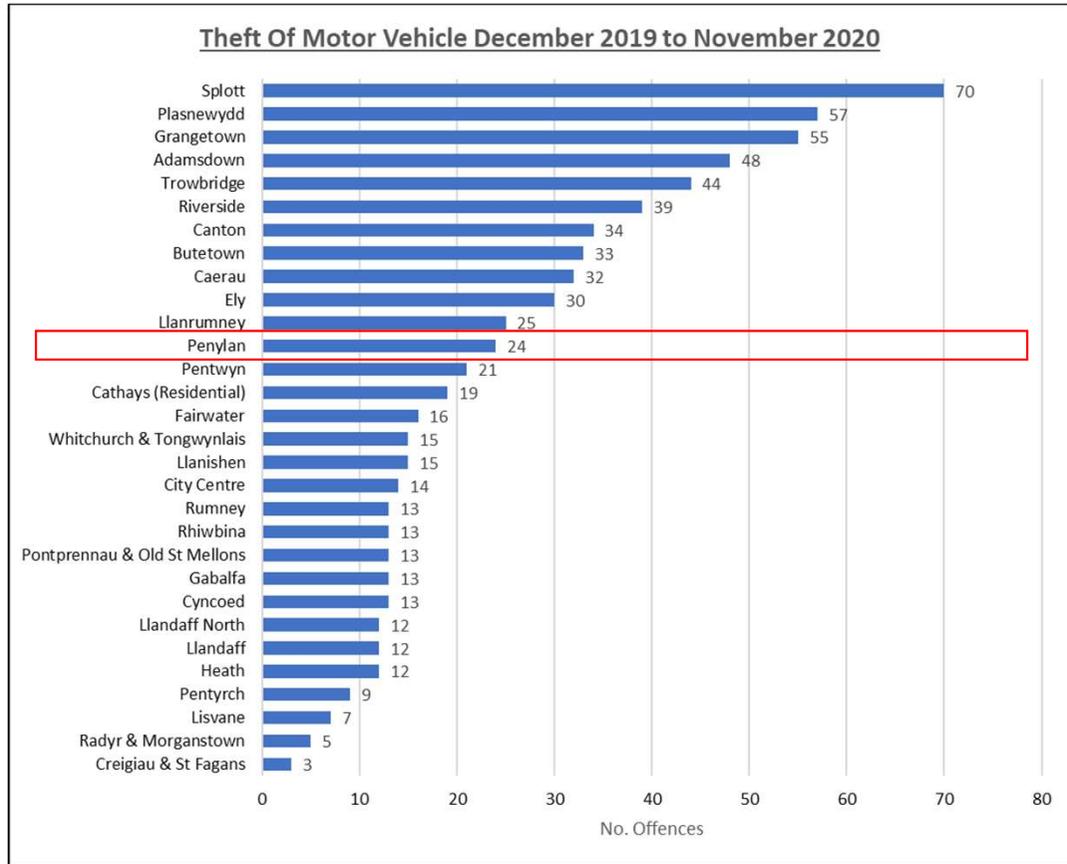
Burglary Residential December 2020 to November 2021



Source: South Wales Police

NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Theft of Motor Vehicle

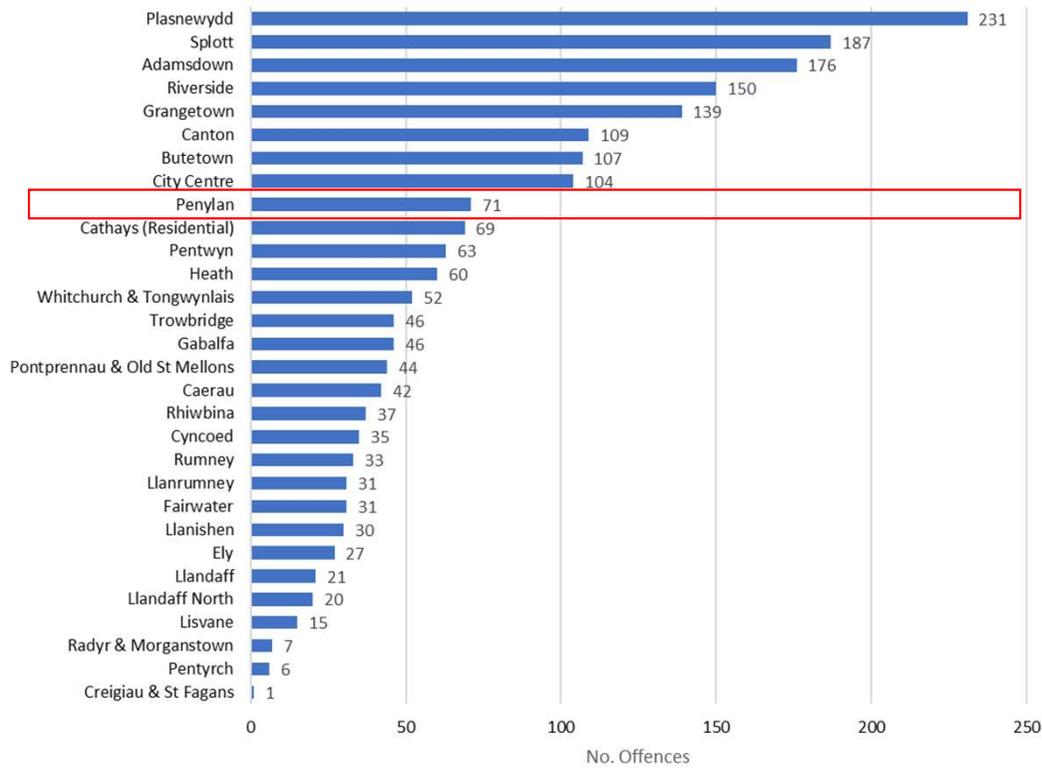


Source: South Wales Police

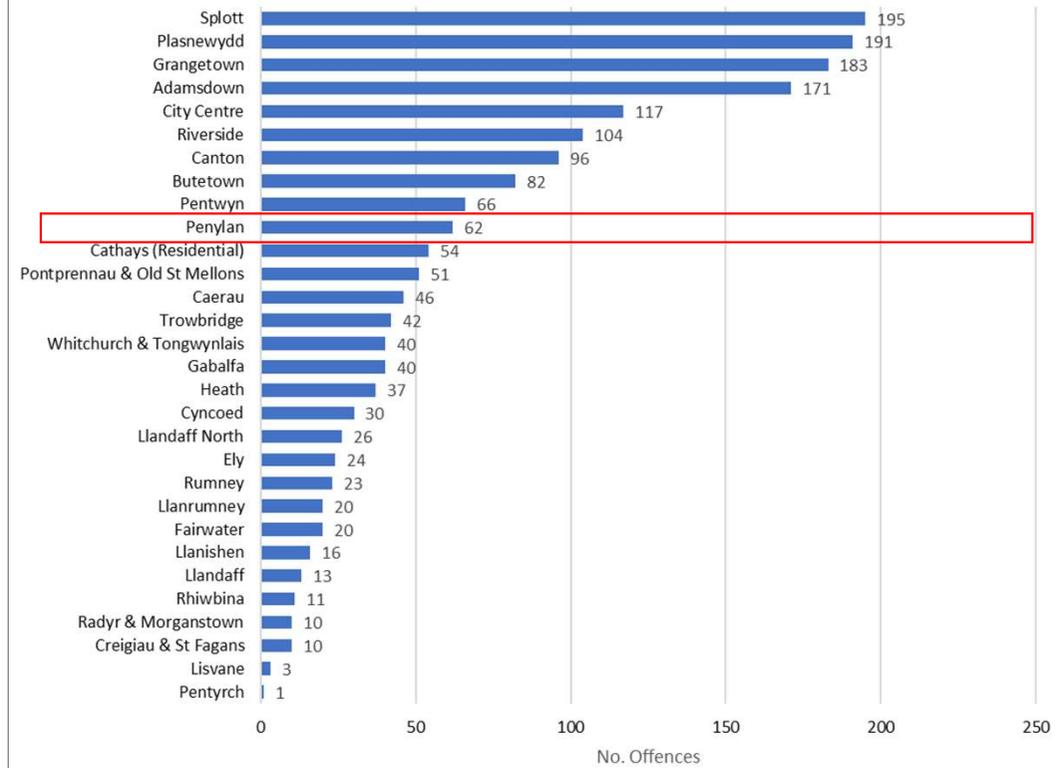
NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Theft From Motor Vehicle

Theft From Motor Vehicle December 2019 to November 2020



Theft From Motor Vehicle December 2020 to November 2021

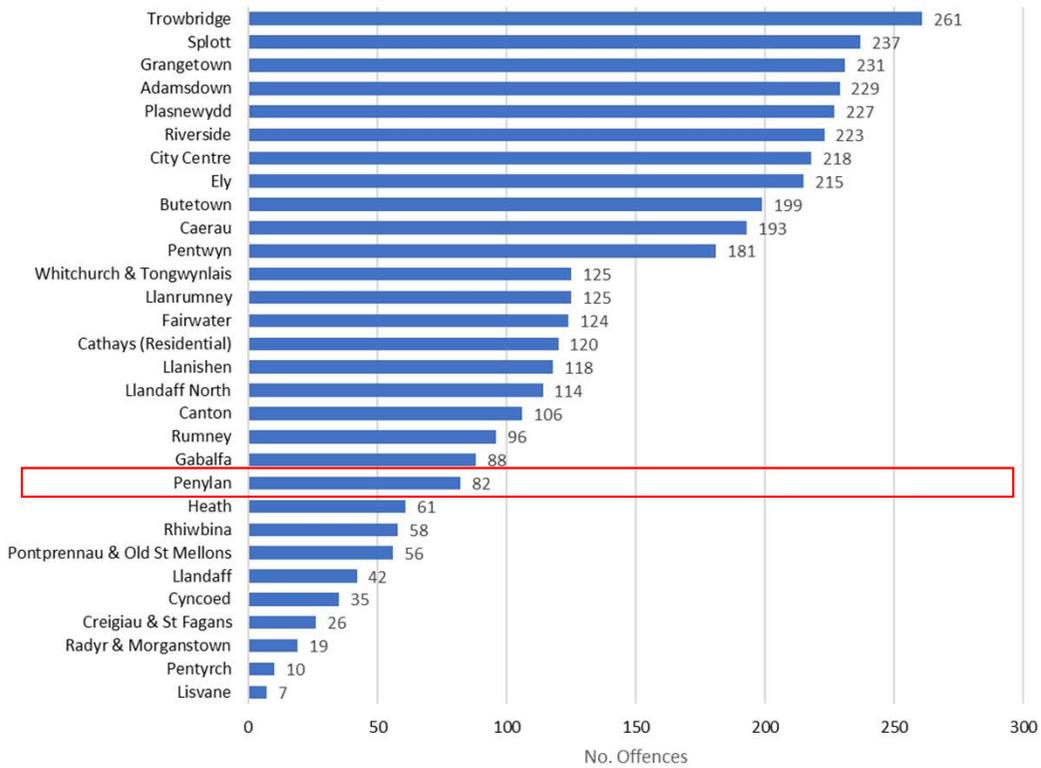


Source: South Wales Police

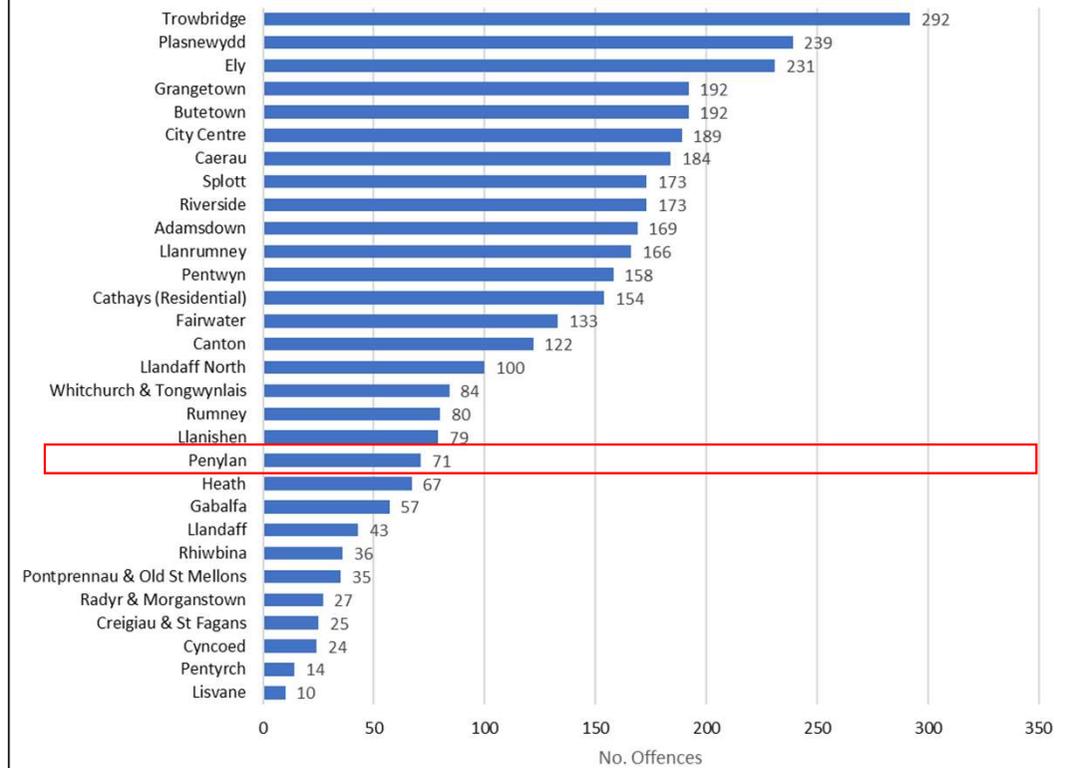
NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Criminal Damage

Criminal Damage December 2019 to November 2020



Criminal Damage December 2020 to November 2021

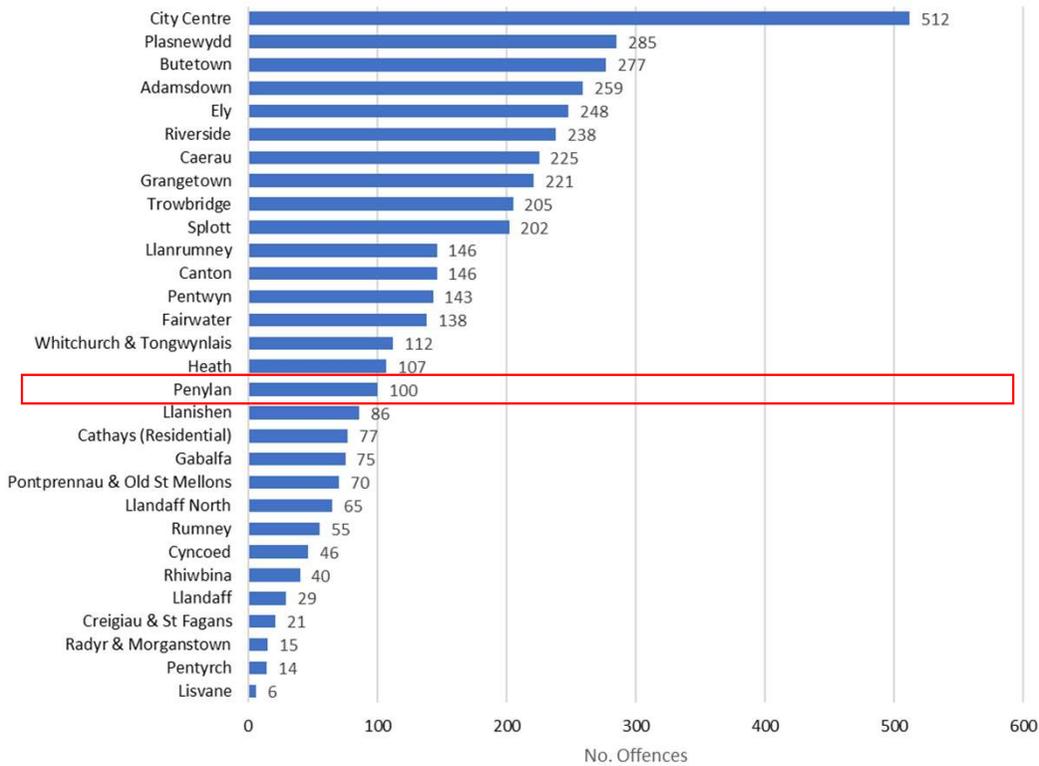


Source: South Wales Police

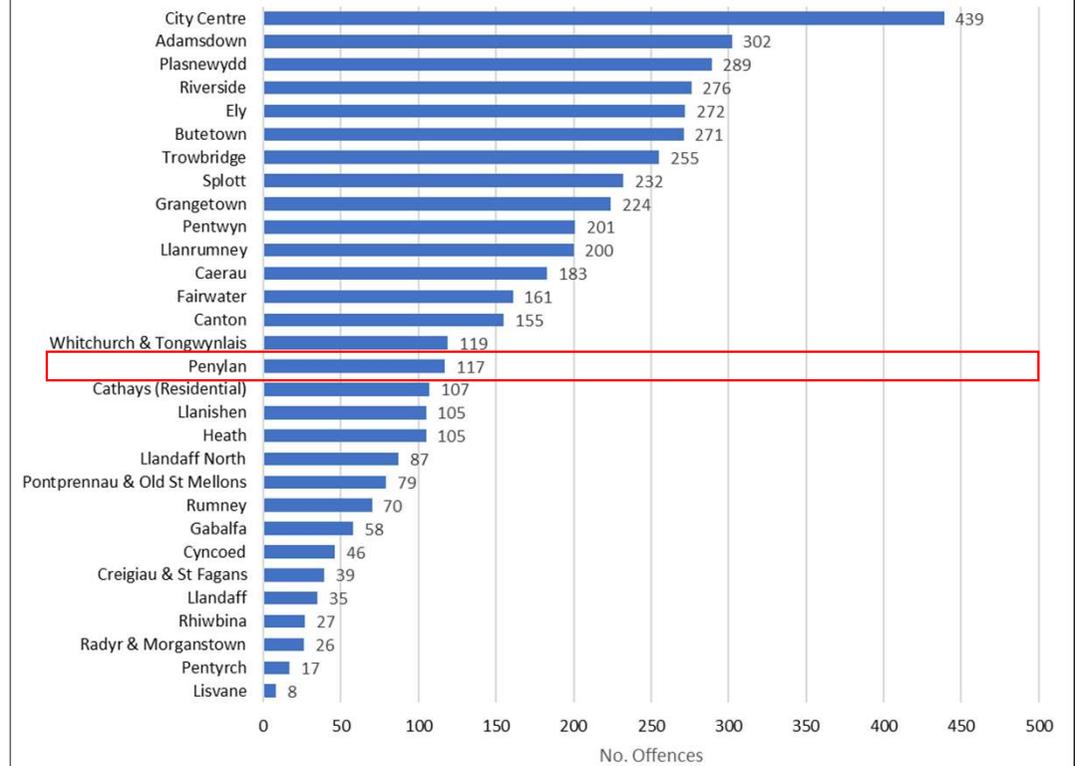
NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.

Crime – Public Order

Public Order December 2019 to November 2020



Public Order December 2020 to November 2021



Source: South Wales Police

NB. City Centre identified using Police Beatcode ref (2901-2906). Cathays (Residential) refers to the remainder of the Cathays ward.