



**Integrated
Care System**
Shropshire, Telford and Wrekin



**Shropshire, Telford
and Wrekin**

Cancer and Local Population

April 2023

The Ask...

- **Review Cancer activity volumes across STW looking at per 1000 population.**
- **Breakdown Cancer Volumes on LSOA level.**
- **Overview on different groups including Age, Ethnicity and Deprivation.**
- **Begin exploring on Rurality.**



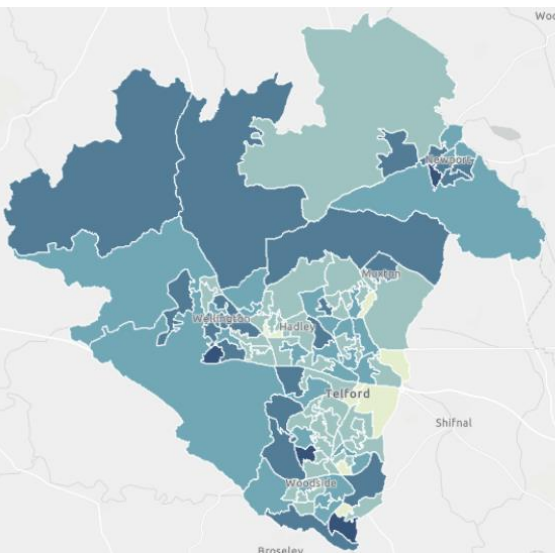
Headlines

- Shropshire (72.28) has a higher rate of Neoplasm per 1000 population vs Telford & Wrekin (64.97).
- Lower Layer Super Output Area (LSOA) Shropshire 38I (E01033527 – Ludlow East) has the highest rate overall in STW with a rate of 126.10.
- Telford and Wrekin 003C (E01014177 – Newport South) is the highest rate in T&W with 108.38.
- Both Shropshire and T&W show Neoplasms most prominent in 60+ Age cohort.

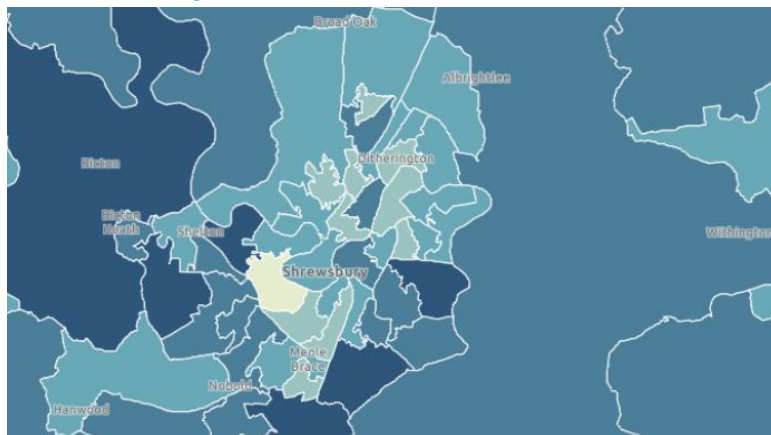


Overall Picture – Total Neoplasm Related Inpatient Activity from SUS after 01-04-2018

Telford and Wrekin

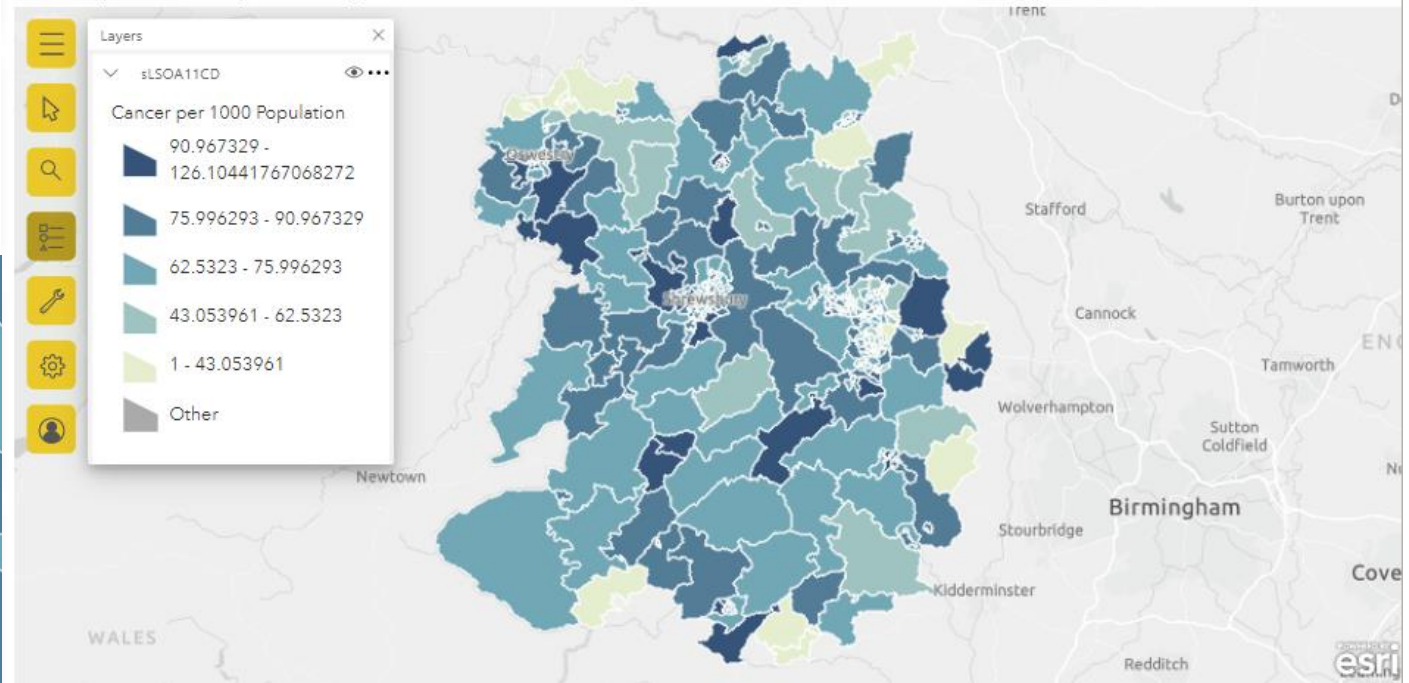


Shrewsbury Centre



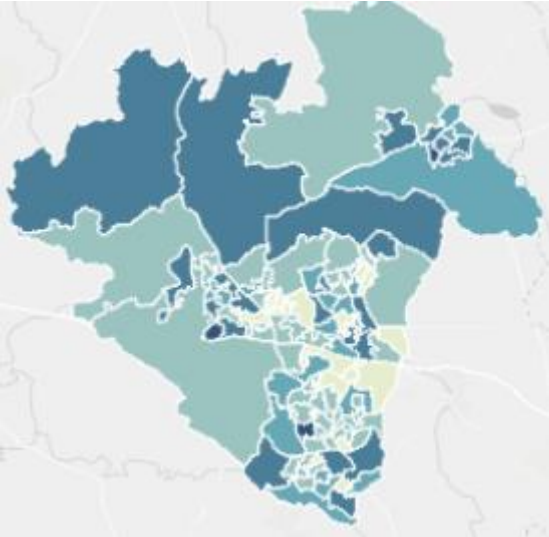
Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01033527	Shropshire 038I	126.10
Shropshire	E01028902	Shropshire 006C	113.95
Shropshire	E01028892	Shropshire 001B	110.24
Telford and Wrekin	E01014177	Telford and Wrekin 003C	108.38
Shropshire	E01028997	Shropshire 032B	108.19
Shropshire	E01028947	Shropshire 021A	107.34
Shropshire	E01028833	Shropshire 033B	105.91
Shropshire	E01028941	Shropshire 020A	104.29
Shropshire	E01028826	Shropshire 027A	103.93
Shropshire	E01028916	Shropshire 007D	103.63

Cancer per 1000 Population by LSOA Code



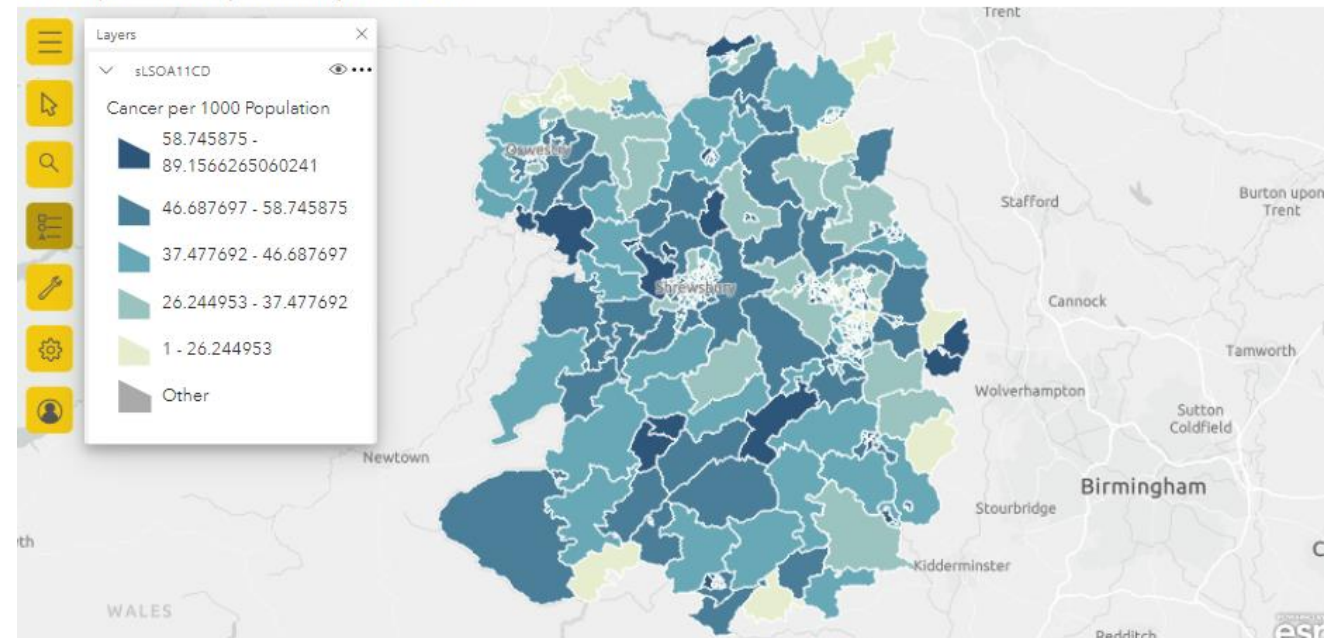
Overall Picture – Malignant Neoplasm Inpatient Activity from SUS after 01-04-2018

Telford and Wrekin

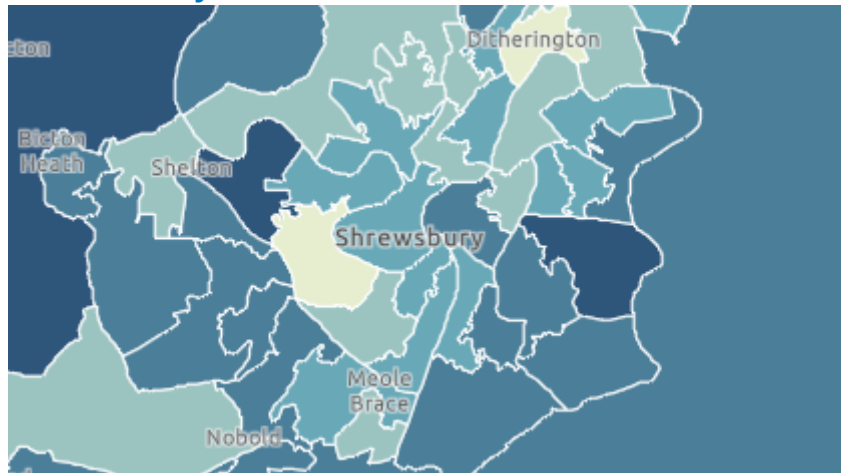


Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01033527	Shropshire 038I	89.16
Shropshire	E01028902	Shropshire 006C	77.48
Shropshire	E01028997	Shropshire 032B	74.90
Shropshire	E01028916	Shropshire 007D	74.48
Shropshire	E01028947	Shropshire 021A	74.10
Shropshire	E01028833	Shropshire 033B	71.96
Shropshire	E01029006	Shropshire 038A	71.65
Telford and Wrekin	E01014121	Telford and Wrekin 019C	70.61
Shropshire	E01028892	Shropshire 001B	69.43
Shropshire	E01028830	Shropshire 031A	67.95

Cancer per 1000 Population by LSOA Code



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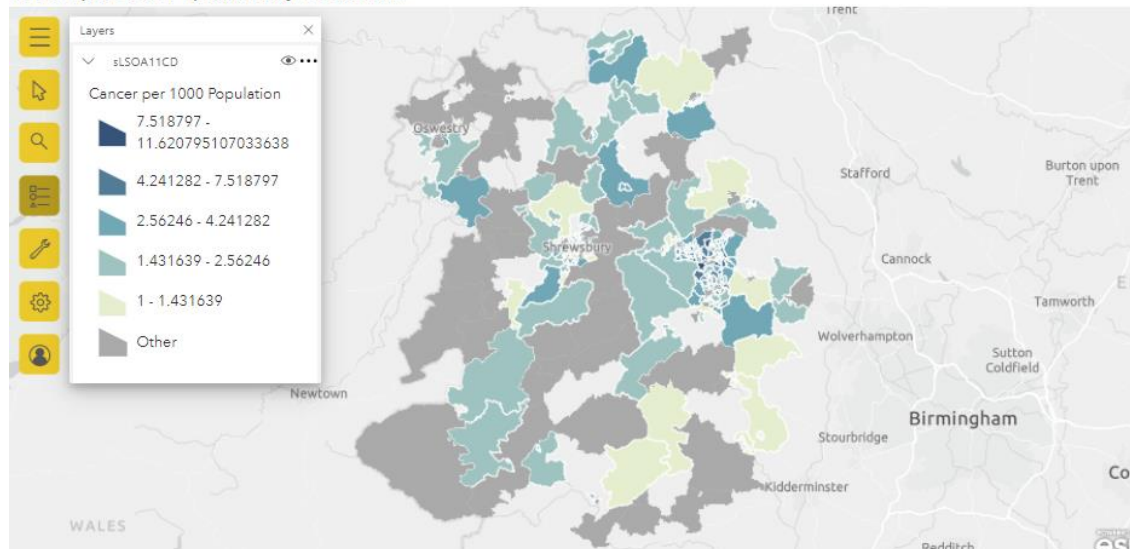


Age Cohort – 0 to 19 Year Olds

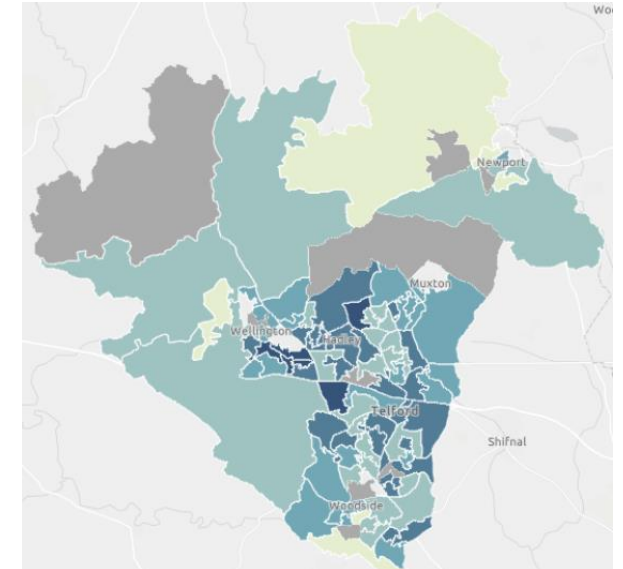
- T&W appears dominant in STW for 0-19 year olds for Neoplasms.
- E01014113 (Wellington East) stands highest in STW with 11.62 cases per 1000 population.
- E01028943 (Shrewsbury Copthorne & Bowbrook) was highest for Shropshire with 4.24 cases per 1000 population.

Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Telford and Wrekin	E01014113	Telford and Wrekin 011C	11.62
Telford and Wrekin	E01014156	Telford and Wrekin 016C	11.11
Telford and Wrekin	E01014207	Telford and Wrekin 008C	10.07
Telford and Wrekin	E01014145	Telford and Wrekin 012D	9.05
Telford and Wrekin	E01014105	Telford and Wrekin 011B	8.79
Telford and Wrekin	E01014140	Telford and Wrekin 007D	7.52
Telford and Wrekin	E01014147	Telford and Wrekin 016B	7.21
Telford and Wrekin	E01014165	Telford and Wrekin 017D	7.05
Telford and Wrekin	E01014143	Telford and Wrekin 009E	6.73
Telford and Wrekin	E01014144	Telford and Wrekin 012C	6.54

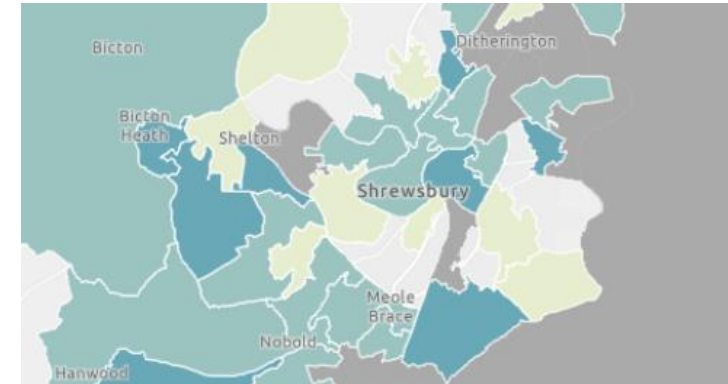
Cancer per 1000 Population by LSOA Code



Telford and Wrekin



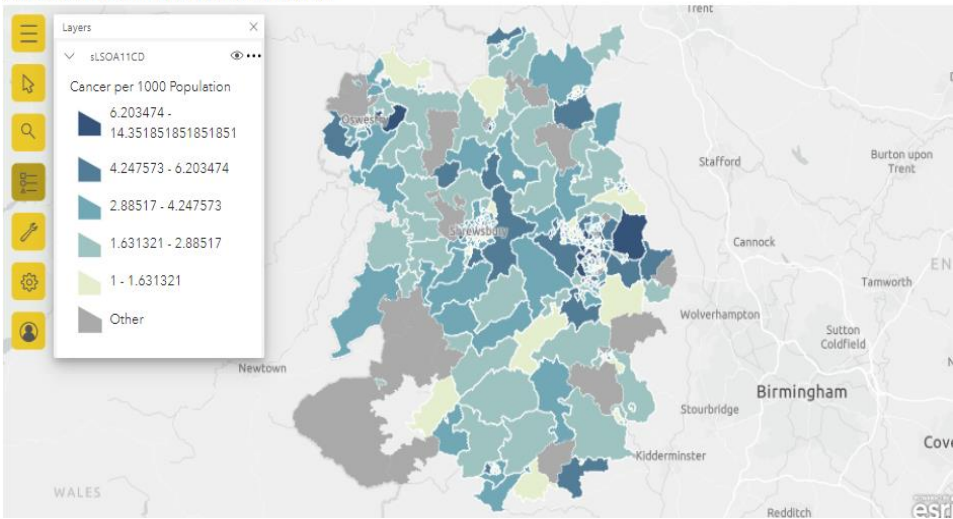
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Age Cohort – 20 to 39 Year Olds

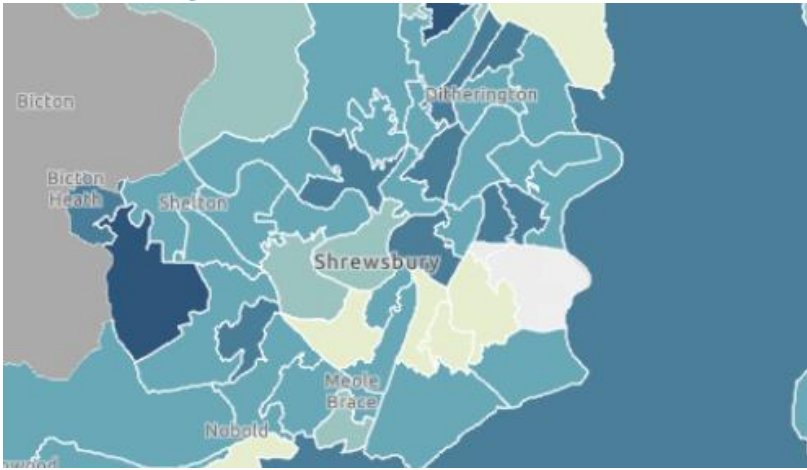
Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Telford and Wrekin	E01014156	Telford and Wrekin 016C	14.35
Telford and Wrekin	E01014152	Telford and Wrekin 014C	9.18
Telford and Wrekin	E01014147	Telford and Wrekin 016B	8.65
Telford and Wrekin	E01014194	Telford and Wrekin 018D	8.55
Telford and Wrekin	E01014198	Telford and Wrekin 021B	8.25
Telford and Wrekin	E01014184	Telford and Wrekin 015D	8.01
Shropshire	E01028912	Shropshire 003C	7.63
Telford and Wrekin	E01014205	Telford and Wrekin 008A	7.24
Telford and Wrekin	E01014177	Telford and Wrekin 003C	7.23
Telford and Wrekin	E01014197	Telford and Wrekin 021A	7.22

Cancer per 1000 Population by LSOA Code

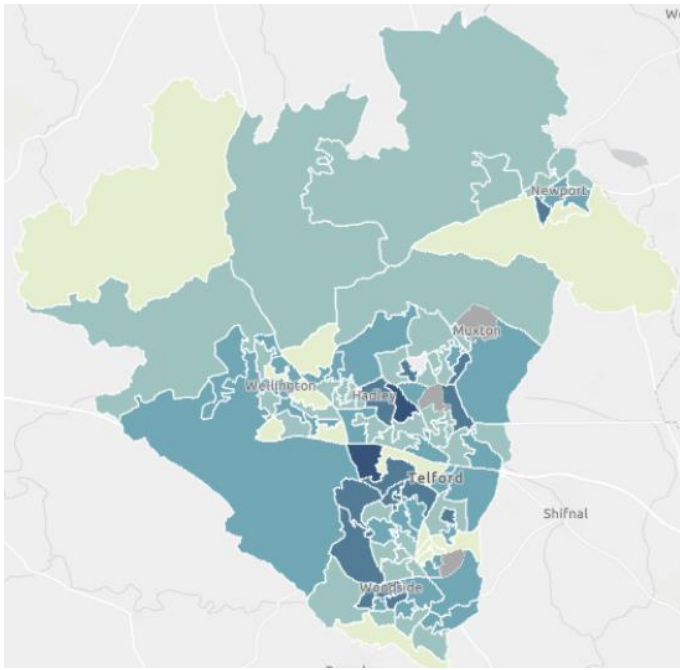


- **T&W again dominant for Neoplasms within STW.**
- **E01014156 (Newdale) stands highest in STW with 14.35 cases per 1000 population.**
- **E01028912 (Gobowen, St. Martin's & Weston Rhyn) was highest for Shropshire with 7.63 cases per 1000 population.**

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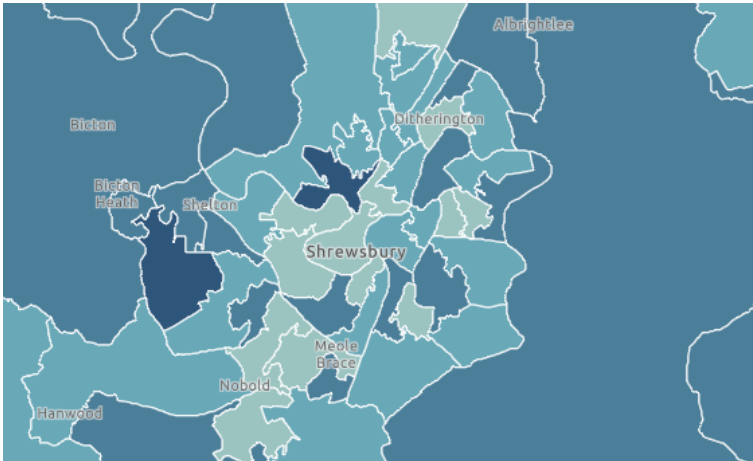
Telford and Wrekin



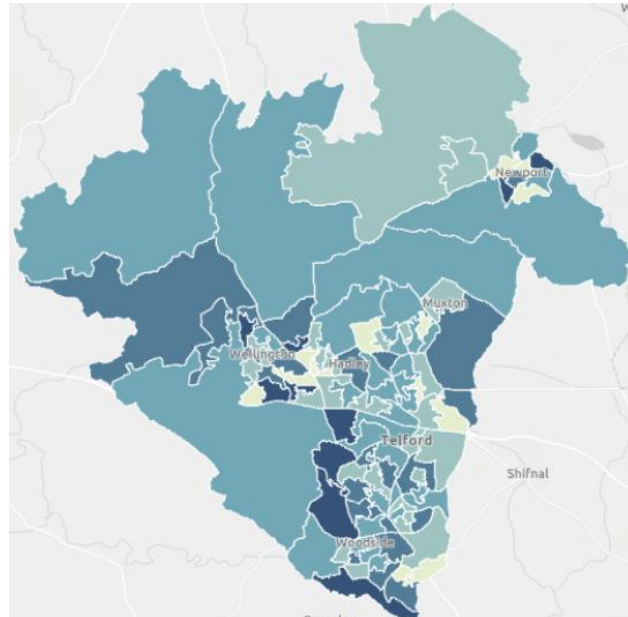
Age Cohort – 40 to 59 Year Olds

- As the cohorts get older there is more of a presence from Shropshire within the top 10 LSOA per 1000 population.
- E01014148 (Ironbridge, Admaston & Higher Ercall) stands highest in T&W with 11.62 cases per 1000 population.
- E01028941 (Shrewsbury Copthorne & Bowbrook) was highest in STW with 30.17 cases per 1000 population.

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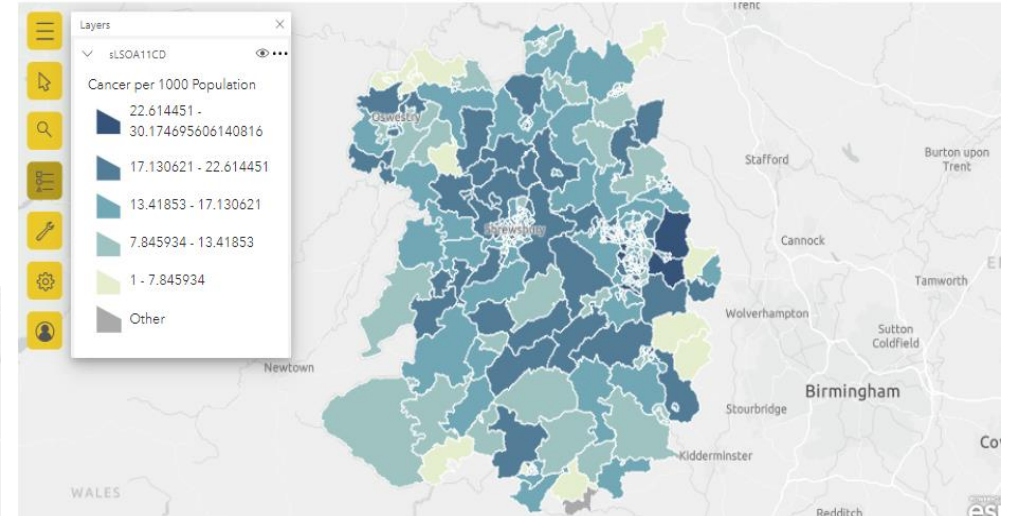


Telford and Wrekin



Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01028941	Shropshire 020A	30.17
Shropshire	E01028857	Shropshire 025E	30.16
Telford and Wrekin	E01014148	Telford and Wrekin 010B	29.47
Telford and Wrekin	E01014147	Telford and Wrekin 016B	27.88
Shropshire	E01028855	Shropshire 025C	27.80
Telford and Wrekin	E01014156	Telford and Wrekin 016C	27.78
Telford and Wrekin	E01014177	Telford and Wrekin 003C	27.46
Telford and Wrekin	E01014103	Telford and Wrekin 007B	24.29
Telford and Wrekin	E01014105	Telford and Wrekin 011B	24.29
Shropshire	E01028931	Shropshire 017B	23.46

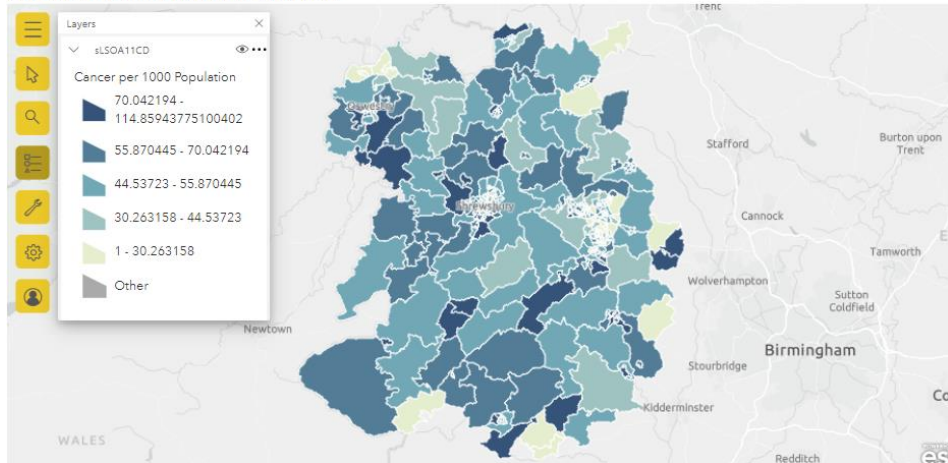
Cancer per 1000 Population by LSOA Code



Age Cohort – 60 and Over

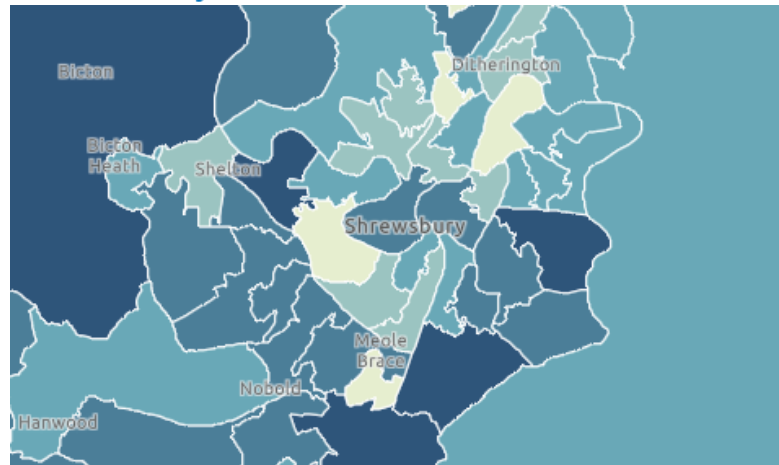
Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01033527	Shropshire 038I	114.86
Shropshire	E01028997	Shropshire 032B	92.86
Shropshire	E01028947	Shropshire 021A	92.11
Shropshire	E01028902	Shropshire 006C	92.07
Shropshire	E01028830	Shropshire 031A	91.28
Shropshire	E01028892	Shropshire 001B	88.05
Shropshire	E01028833	Shropshire 033B	87.58
Shropshire	E01028916	Shropshire 007D	86.14
Shropshire	E01029006	Shropshire 038A	85.86
Telford and Wrekin	E01014134	Telford and Wrekin 012B	84.10

Cancer per 1000 Population by LSOA Code

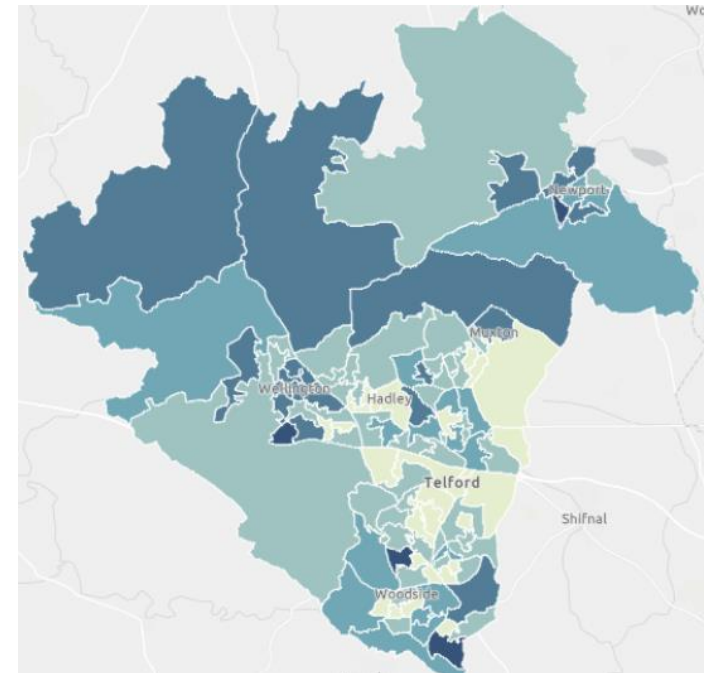


- Shropshire again dominant for Neoplasms within STW amongst older cohort.
- E01014134 (Wellington West) stands highest in T&W with 84.10 cases per 1000 population.
- E01033527 (Ludlow Town) was highest in STW with 114.86 cases per 1000 population.

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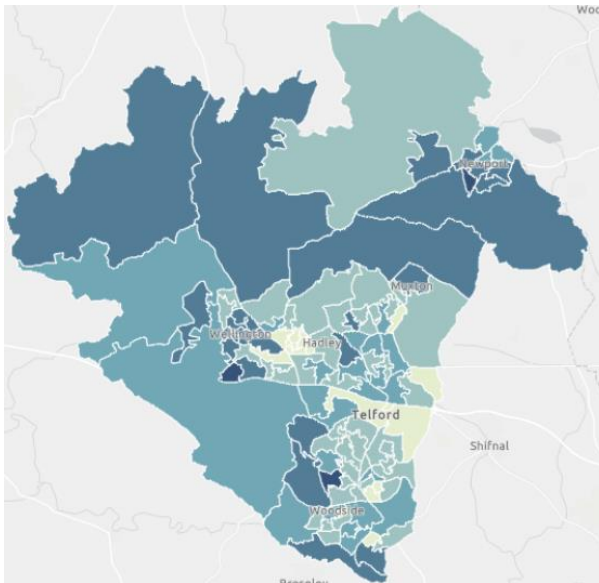
Telford and Wrekin



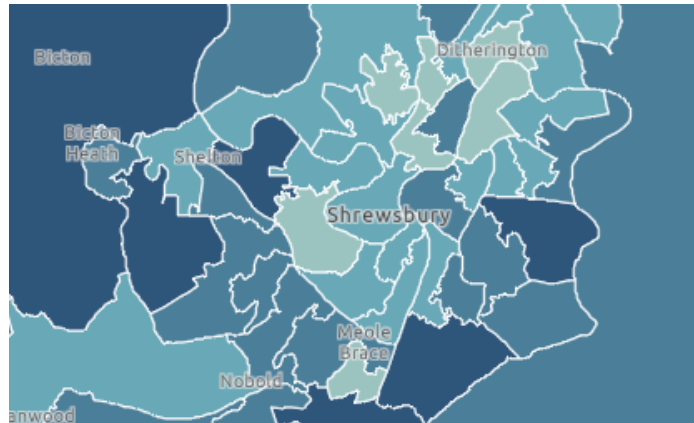
Ethnicity Cohort – White

- Shropshire dominates the top 10 LSOA Neoplasm per 1000 population for the white cohort.
- E01014177 (Newport South) stands highest in T&W with 96.82 cases per 1000 population.
- E01028947 (Shrewsbury London Road) was highest in STW with 103.19 cases per 1000 population.

Telford and Wrekin

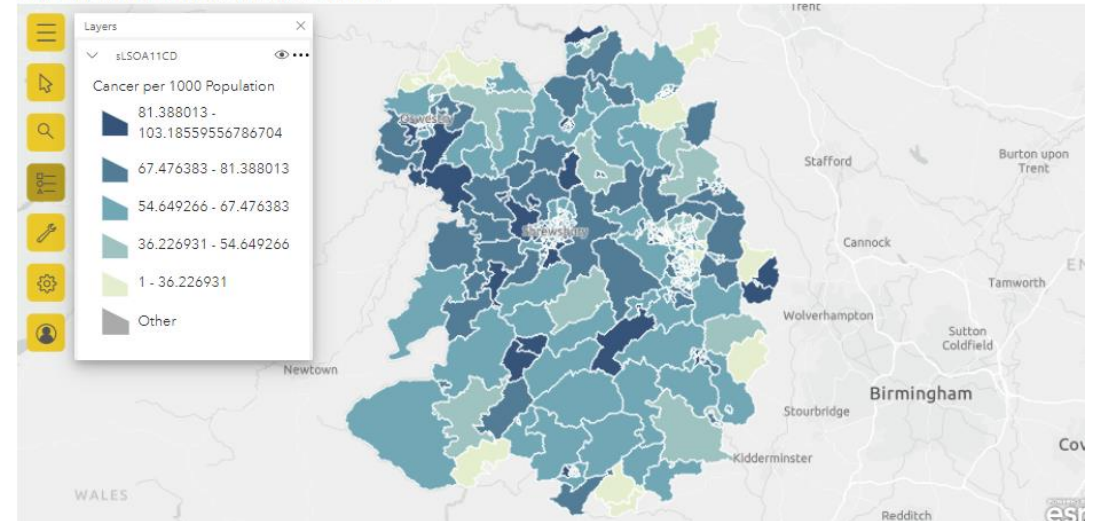


Shrewsbury Centre



Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01028947	Shropshire 021A	103.19
Shropshire	E01028902	Shropshire 006C	100.27
Telford and Wrekin	E01014177	Telford and Wrekin 003C	96.82
Shropshire	E01028997	Shropshire 032B	96.80
Telford and Wrekin	E01014121	Telford and Wrekin 019C	95.10
Shropshire	E01033527	Shropshire 038I	94.78
Shropshire	E01028887	Shropshire 008B	94.20
Shropshire	E01028915	Shropshire 012B	93.91
Shropshire	E01028861	Shropshire 013A	92.08
Shropshire	E01028889	Shropshire 008C	91.36

Cancer per 1000 Population by LSOA Code

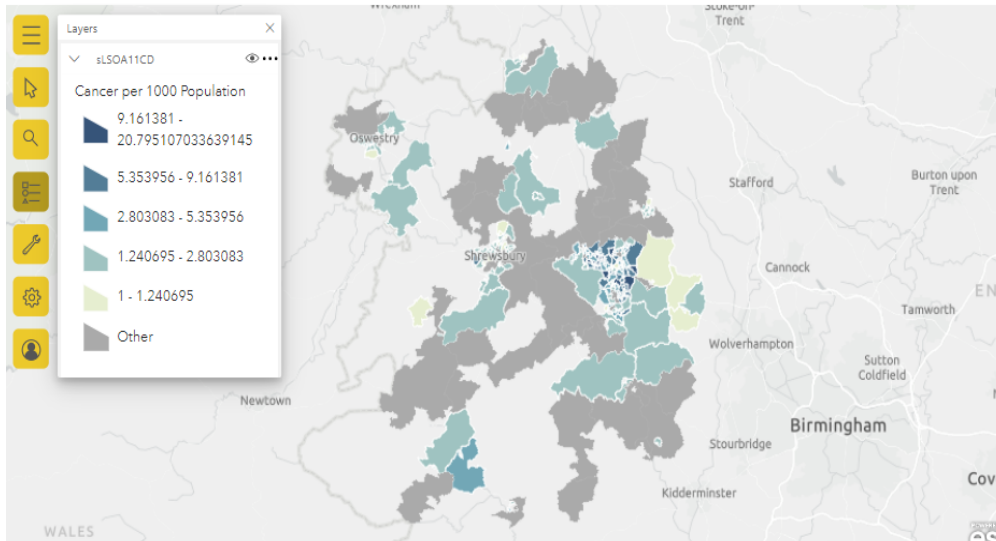


Ethnicity Cohort – BAME (Black, Asian and Minority Ethnic)

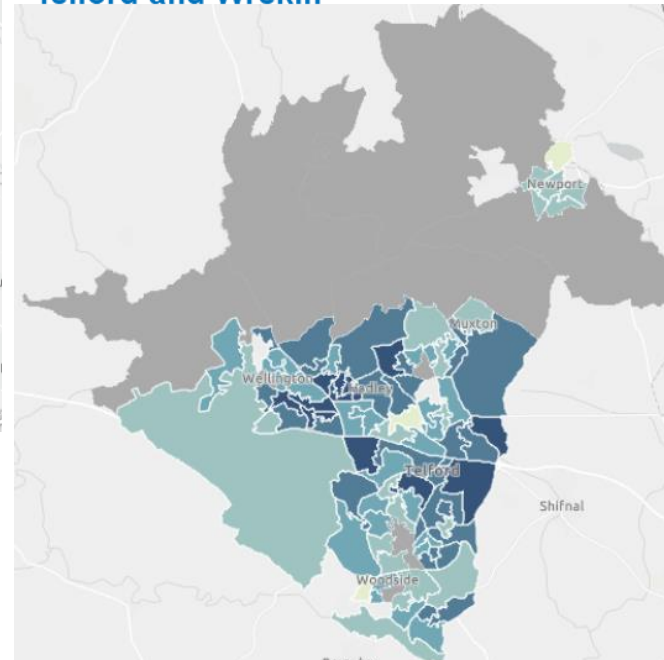
Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Telford and Wrekin	E01014113	Telford and Wrekin 011C	20.80
Telford and Wrekin	E01014105	Telford and Wrekin 011B	16.02
Telford and Wrekin	E01014139	Telford and Wrekin 009B	15.04
Telford and Wrekin	E01014207	Telford and Wrekin 008C	13.17
Telford and Wrekin	E01014156	Telford and Wrekin 016C	12.96
Telford and Wrekin	E01014192	Telford and Wrekin 018B	11.78
Telford and Wrekin	E01014140	Telford and Wrekin 007D	11.62
Telford and Wrekin	E01014143	Telford and Wrekin 009E	11.44
Telford and Wrekin	E01014142	Telford and Wrekin 009D	11.41
Telford and Wrekin	E01014181	Telford and Wrekin 015A	10.98

- Telford dominant for Neoplasms per 1000 population. No place for Shropshire in top 10.
- E01014113 (Wellington East) stands highest in STW with 20.80 cases per 1000 population.
- E01028941 (Shrewsbury, Copthorne & Bowbrook) was highest for the Shropshire with 6.88 cases per 1000 population.

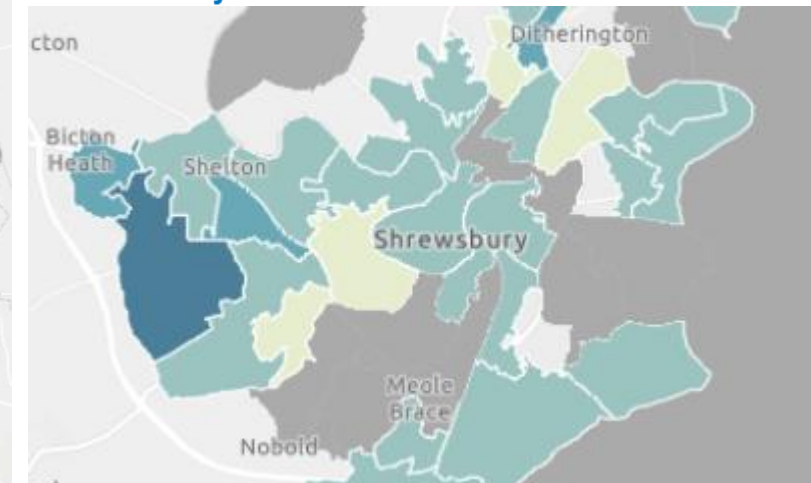
Cancer per 1000 Population by LSOA Code



Telford and Wrekin



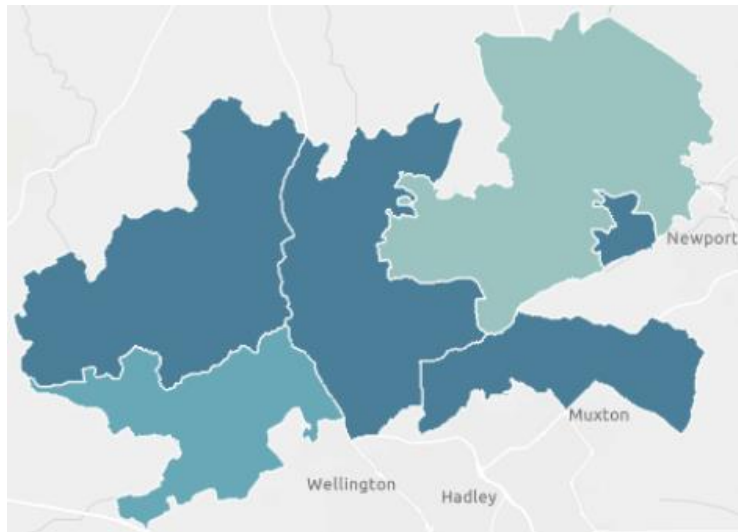
Shrewsbury Centre



Rural Cohort

- Shropshire dominates the top 10 LSOA Neoplasm per 1000 population for the Rural cohort.
- E01014136 (Ironbridge, Admaston & High Ercall) stands highest in T&W with 83.59 cases per 1000 population.
- E01028892 (Whitchurch) was highest in STW with 110.24 cases per 1000 population.

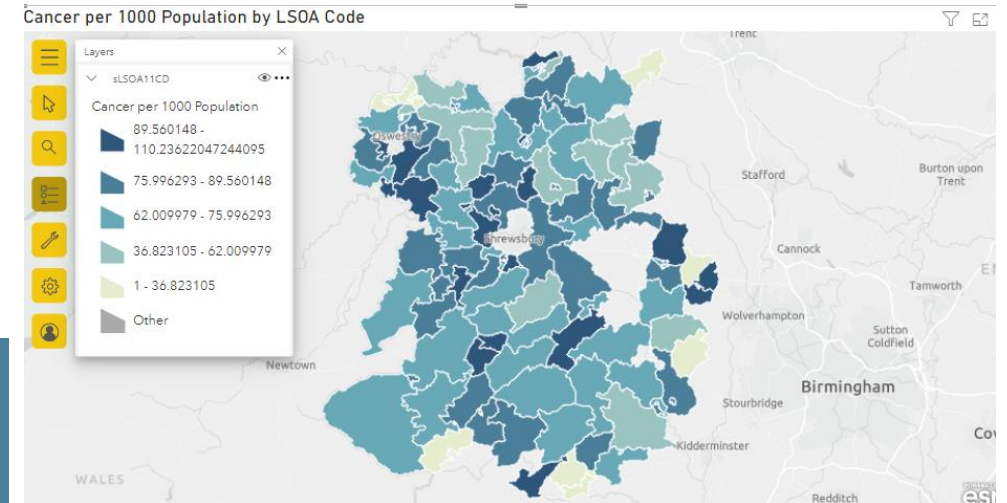
Telford and Wrekin



Shrewsbury Centre



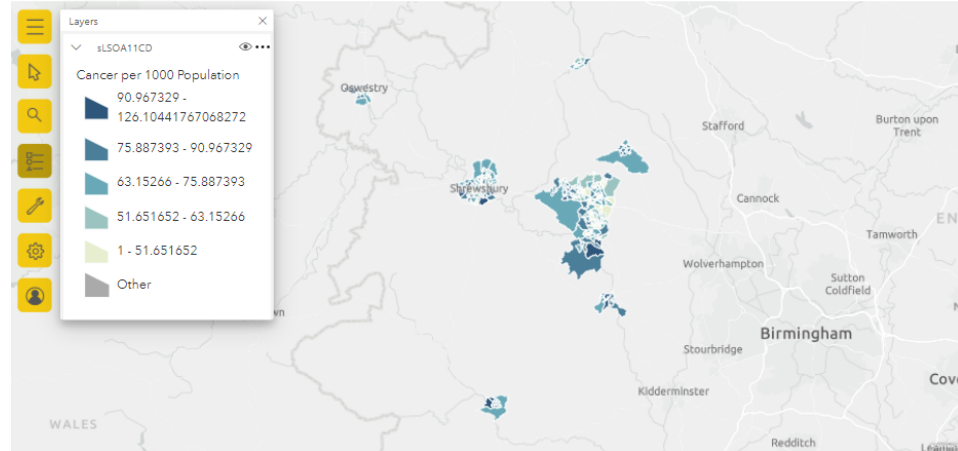
Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01028892	Shropshire 001B	110.24
Shropshire	E01028997	Shropshire 032B	108.19
Shropshire	E01028826	Shropshire 027A	103.93
Shropshire	E01028887	Shropshire 008B	101.45
Shropshire	E01028861	Shropshire 013A	100.97
Shropshire	E01028845	Shropshire 027D	100.05
Shropshire	E01028915	Shropshire 012B	99.78
Shropshire	E01028913	Shropshire 011A	98.97
Shropshire	E01028889	Shropshire 008C	97.79
Shropshire	E01028970	Shropshire 014C	95.06



Urban Cohort

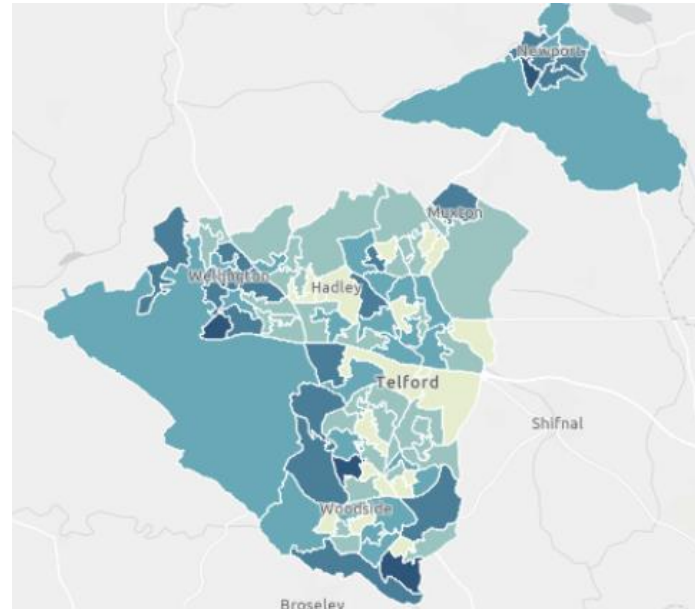
Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Shropshire	E01033527	Shropshire 038I	126.10
Shropshire	E01028902	Shropshire 006C	113.95
Telford and Wrekin	E01014177	Telford and Wrekin 003C	108.38
Shropshire	E01028947	Shropshire 021A	107.34
Shropshire	E01028833	Shropshire 033B	105.91
Shropshire	E01028941	Shropshire 020A	104.29
Shropshire	E01028916	Shropshire 007D	103.63
Shropshire	E01028830	Shropshire 031A	102.95
Shropshire	E01029009	Shropshire 038D	101.40
Telford and Wrekin	E01014121	Telford and Wrekin 019C	100.14

Cancer per 1000 Population by LSOA Code

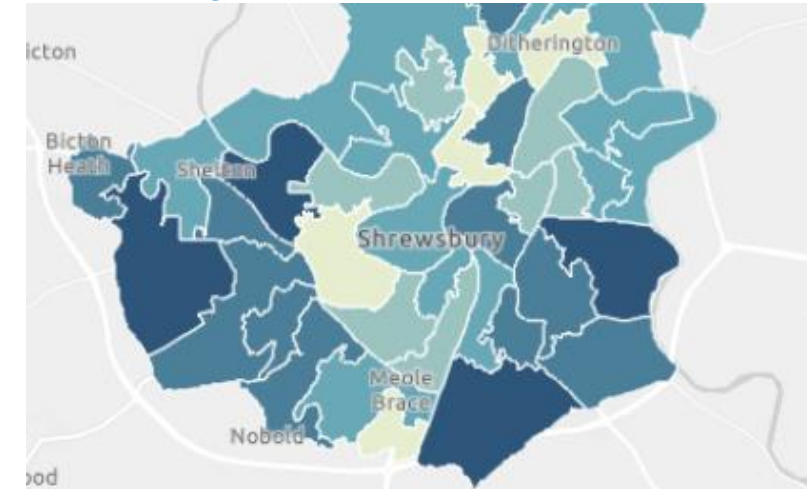


- Shropshire dominant for Neoplasms per 1000 population.
- E01014177 (Newport South) stands highest in T&W with 108.38 cases per 1000 population.
- E01033527 (Ludlow Town) was highest in STW with 126.10 cases per 1000 population.

Telford and Wrekin



Shrewsbury Centre

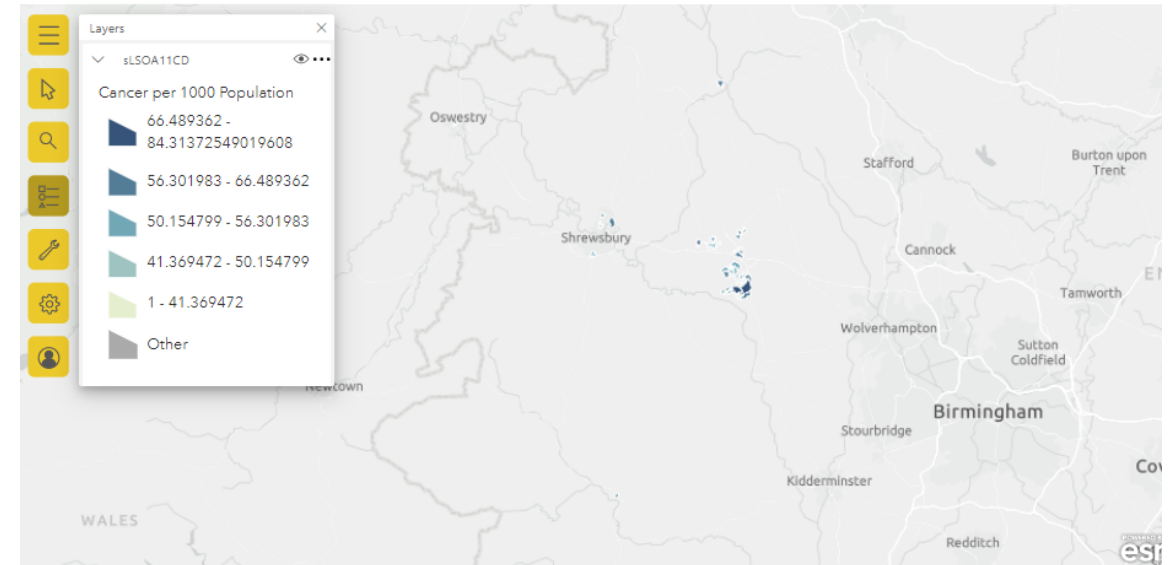


20% Most Deprived Cohort

- T&W dominates the top 10 LSOA Neoplasm per 1000 population for the 20% most deprived.
- E01014144 (Wellington West) stands highest in STW with 84.31 cases per 1000 population.
- E01028906 (Oswestry West) was highest for the Shropshire with 75.62 cases per 1000 population.

Local Authority	LSOA Code	LSOA Name	Cancer Per 1000 Population
Telford and Wrekin	E01014144	Telford and Wrekin 012C	84.31
Telford and Wrekin	E01014116	Telford and Wrekin 023B	77.57
Telford and Wrekin	E01014162	Telford and Wrekin 022D	75.89
Shropshire	E01028906	Shropshire 007A	75.62
Telford and Wrekin	E01014185	Telford and Wrekin 013A	71.91
Telford and Wrekin	E01014151	Telford and Wrekin 014B	66.49
Telford and Wrekin	E01014120	Telford and Wrekin 019B	64.92
Telford and Wrekin	E01014198	Telford and Wrekin 021B	64.16
Shropshire	E01028983	Shropshire 016D	63.15
Telford and Wrekin	E01014105	Telford and Wrekin 011B	62.53

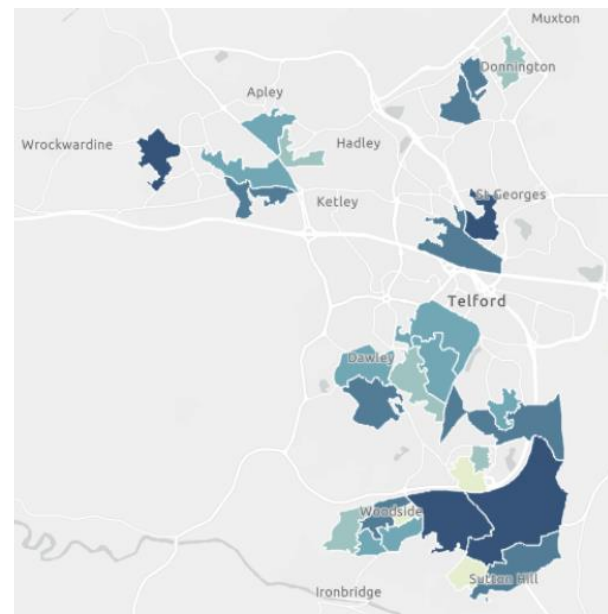
Cancer per 1000 Population by LSOA Code



Shrewsbury Centre



Telford and Wrekin



Cancer Mortality Rates - 2021

Under 75 mortality rate from cancer considered preventable (2021)

		No. of deaths	DSR per 100,000	95% Confidence Interval	
				Lower limit	upper limit
Telford & Wrekin	●	75	46	36.2	57.7
Shropshire	●	133	37.3	31.2	44.3
West Midlands			53		
England			50.1		

Under 75 mortality rate from all cancers (2021)

		No. of deaths	DSR per 100,000	95% Confidence Interval	
				Lower limit	upper limit
Telford & Wrekin	●	196	120.8	104.5	139.0
Shropshire	●	364	102.1	91.8	113.3
West Midlands			124.7		
England			121.5		

<https://fingertips.phe.org.uk/profile/public-health-outcomes-framework>

NB

38% T&W cancer deaths and 37% Shropshire deaths are considered preventable

2021 mortality data rebased for 2021 Census data and historical trends not comparable



What Next?..

- Explore more detail on 'Site of Cancer'.
- Explore diagnosis rates at Stage 1 & 2.
- Look at Inequalities around screening.
- Investigate high rate LSOAs and analyse surrounding factors.
- More in-depth analysis on Rurality and different views on it.

