

Chart of the month: COVID-19 Vulnerability Index

Introduction

The COVID-19 Vulnerability Index combines multiple sources of data in order to identify vulnerable MSOAs (Middle-layer Super Output areas) for all the Local Authorities in Oxfordshire. The indicators taken into account to produce these statistics are:

- Clinical Vulnerability (underlying health conditions).
- Demographic vulnerability (over-70s, people seeking asylum).
- Social vulnerability (barriers to housing and services, poor living environment, living in “left-behind” areas, loneliness, digital exclusion).
- Health Inequalities.

The data has been produced by the British Red Cross and it is calculated as a score of the average MSOA ranks apportioned down to Output Area. For detailed information about the methodological approach taken, please see the [Vulnerability Index report](#).

Key findings:

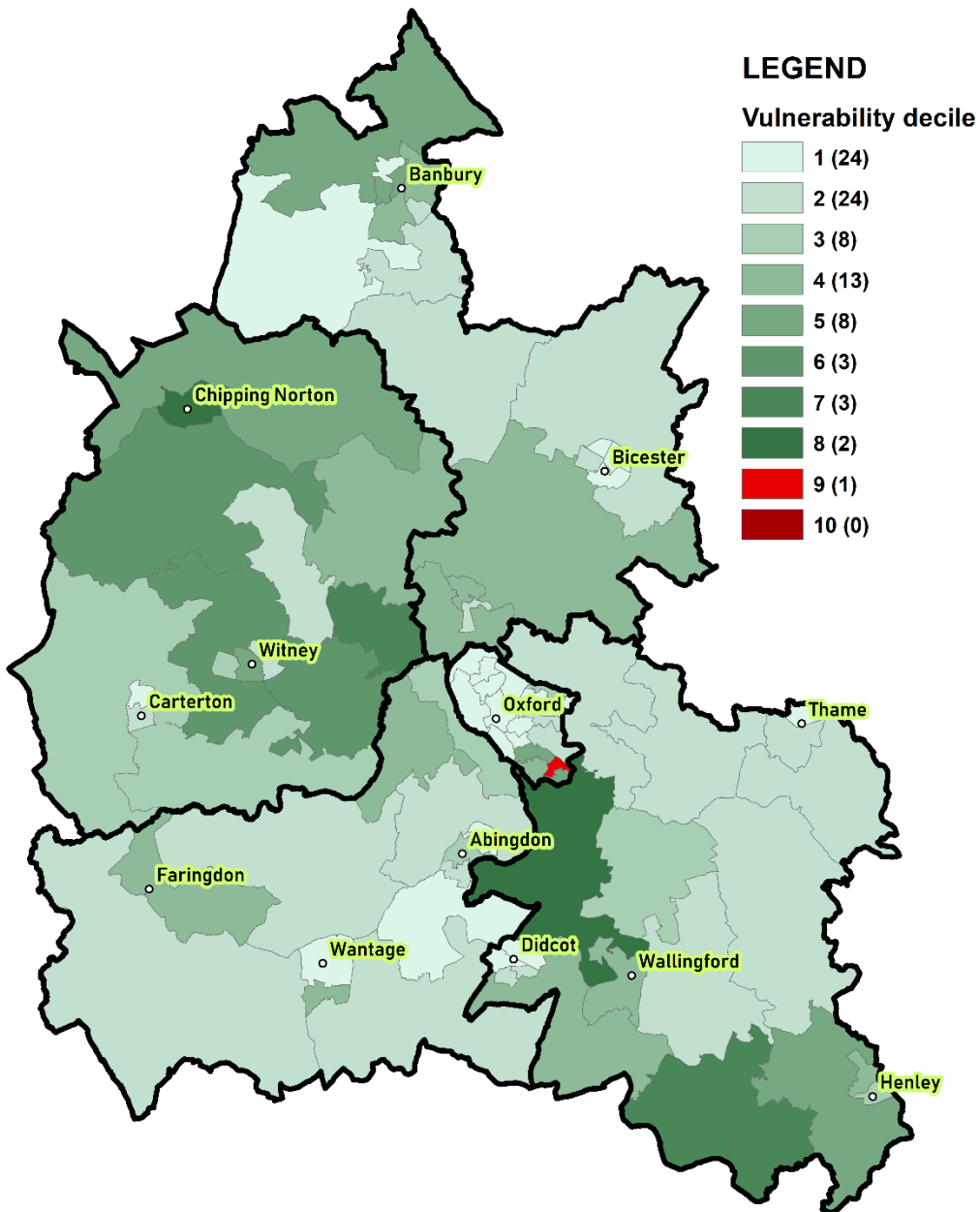
Overall, Local Authorities in the South East region are relatively less vulnerable than other regions of the country. Of course this includes districts within Oxfordshire where most MSOAs ranked within the 20% least vulnerable nationally.

- Cherwell district ranks 14 out of 382 Local Authority Districts and Unitary Authorities in the UK **where 382 is the most at risk**. The most vulnerable areas in Cherwell are located in MSOAs 001 (Cropredy, Wroxton & Shennington), 005 (Banbury Ruscote) and 003 (Banbury Neithrop).
- Oxford City ranks 17 out of 382 Local Authorities in the UK. The most vulnerable areas in Oxford are located in MSOAs 017 (Blackbird Leys), 018 (Greater Leys) and 015 (Cowley South & Iffley).
- South Oxfordshire ranks 95 out of the 382 Local Authorities in the UK. The most vulnerable areas are located in MSOAs 006 (Berinsfield & Wittenham), 018 (Goring, Woodcote & Whitchurch) and 020 (Sonning Common & Kidmore End).
- Vale of White Horse ranks 40 out of the 382 Local Authorities in the UK. The most vulnerable areas are located in MSOAs 014 (Wantage Town), 001 (Dean Court, Cumnor & Appleton) and 009 (Faringdon & Stanford).
- West Oxfordshire ranks 97 out of the 382 Local Authorities in the UK. The most vulnerable areas are located in MSOAs 001 (Chipping Norton), 006 (Hanborough & Cassington) and 003 (Chadlington & Wychwoods).

The following map shows the national decile score for each MSOA in Oxfordshire. The majority of MSOAs in Oxfordshire score within the 20% least vulnerable. There are currently no areas scoring within the 10% most vulnerable in Oxfordshire. Blackbird Leys MSOA in Oxford currently scores within the 20% most vulnerable areas nationally, followed by Chipping Norton, and Berinsfield & Wittenham, both within the 30% most vulnerable nationally.

Figure 1. Map showing the Covid-19 Vulnerability Index score for each MSOA in Oxfordshire (national decile score).

COVID-19 VULNERABILITY INDEX IN OXFORDSHIRE

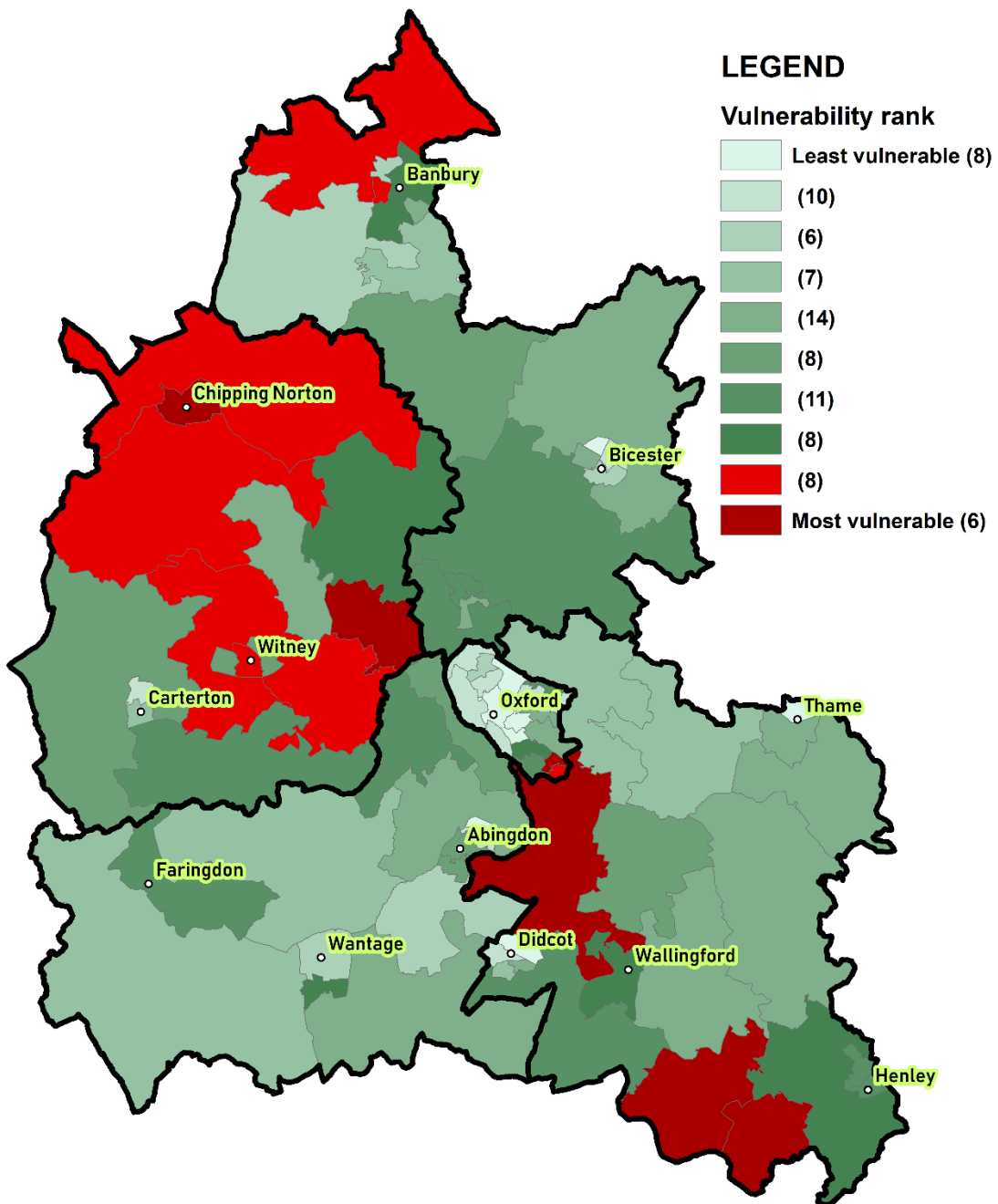


Source: [COVID-19 Vulnerability Index map](#)

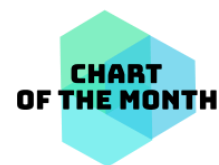
The following map shows how the COVID-19 vulnerability index score compares in MSOAs within Oxfordshire. There are 6 MSOAs within the 10% most vulnerable, these are located in parts of Blackbird Leys, Chipping Norton, Berinsfield & Wittenham, Hanborough & Cassington, Goring, Woodcote & Whitchurch, and Sonning Common & Kidmore End. For each district please see the supporting tables in the section below.

Figure 2. Map showing the Covid-19 Vulnerability Index rank for each MSOA in Oxfordshire (index score within Oxfordshire).

COVID-19 VULNERABILITY INDEX IN OXFORDSHIRE



Source: [COVID-19 Vulnerability Index map](#)



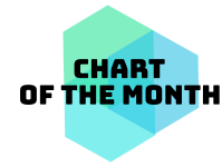
Supporting tables

The following tables list the COVID-19 vulnerability index decile rank for MSOAs in all the districts.

TOP 20 MOST VULNERABLE MSOAS IN OXFORDSHIRE

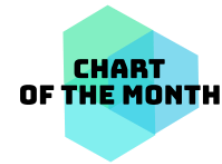
Code	Name	Vulnerability decile	Clinical Vulnerability decile	Health/Wellbeing Vulnerability decile	Economic Vulnerability decile	Social Vulnerability decile	Socioeconomic Vulnerability decile
E02005956	Oxford 017	9	3	8	9	9	9
E02005963	South Oxfordshire 006	8	6	10	4	5	4
E02005993	West Oxfordshire 001	8	7	10	6	1	3
E02005975	South Oxfordshire 018	7	6	10	1	3	1
E02005977	South Oxfordshire 020	7	7	10	1	1	1
E02005998	West Oxfordshire 006	7	8	10	1	1	1
E02005995	West Oxfordshire 003	6	6	10	3	1	1
E02005999	West Oxfordshire 007	6	6	10	2	1	1
E02006003	West Oxfordshire 011	6	8	9	3	4	3
E02005921	Cherwell 001	5	6	10	3	3	2
E02005923	Cherwell 003	5	3	1	7	9	8
E02005925	Cherwell 005	5	3	2	9	7	8
E02005954	Oxford 015	5	2	8	5	7	5
E02005957	Oxford 018	5	3	6	9	4	7
E02005976	South Oxfordshire 019	5	5	10	1	2	1
E02005994	West Oxfordshire 002	5	6	10	1	2	1
E02006002	West Oxfordshire 010	5	7	8	5	4	4
E02005924	Cherwell 004	4	2	5	7	7	7
E02005926	Cherwell 006	4	4	6	5	7	6
E02005936	Cherwell 016	4	4	9	3	2	2

Source: [British Red Cross COVID-19 Vulnerability Index](#)



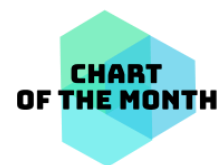
CHERWELL

Code	Name	Clinical	Health/Wellbeing	Economic	Socioeconomic		
		Vulnerability decile	Vulnerability decile	Vulnerability decile	Vulnerability decile	Social Vulnerability decile	Vulnerability decile
E02005921	Cherwell 001	5	6	10	3	3	2
E02005923	Cherwell 003	5	3	1	7	9	8
E02005925	Cherwell 005	5	3	2	9	7	8
E02005924	Cherwell 004	4	2	5	7	7	7
E02005926	Cherwell 006	4	4	6	5	7	6
E02005936	Cherwell 016	4	4	9	3	2	2
E02005937	Cherwell 017	4	5	7	4	4	3
E02005939	Cherwell 019	4	5	7	2	6	4
E02005927	Cherwell 007	2	4	6	4	2	2
E02005928	Cherwell 008	2	4	6	2	1	1
E02005930	Cherwell 010	2	4	8	2	2	2
E02005931	Cherwell 011	2	3	7	2	2	1
E02005934	Cherwell 014	2	4	4	5	4	4
E02005938	Cherwell 018	2	5	5	3	4	3
E02005922	Cherwell 002	1	3	1	5	4	4
E02005929	Cherwell 009	1	5	4	2	1	1
E02005932	Cherwell 012	1	3	1	1	3	2
E02005933	Cherwell 013	1	3	2	4	3	3
E02005935	Cherwell 015	1	3	3	3	4	3



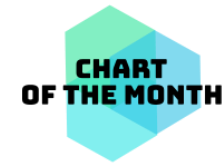
OXFORD

Code	Name	Clinical			Economic		Socioeconomic	
		Vulnerability decile	Vulnerability decile	Health/Wellbeing Vulnerability decile	Vulnerability decile	Social Vulnerability decile	Vulnerability decile	
E02005956	Oxford 017	9	3	8	9	9	9	
E02005954	Oxford 015	5	2	8	5	7	5	
E02005957	Oxford 018	5	3	6	9	4	7	
E02005955	Oxford 016	4	2	3	7	7	7	
E02005944	Oxford 005	3	1	2	8	6	7	
E02005949	Oxford 010	2	1	2	6	6	5	
E02005952	Oxford 013	2	1	3	5	6	5	
E02005940	Oxford 001	1	2	3	1	4	2	
E02005941	Oxford 002	1	1	5	1	5	3	
E02005942	Oxford 003	1	1	5	1	4	2	
E02005943	Oxford 004	1	2	3	1	1	1	
E02005945	Oxford 006	1	1	5	1	4	2	
E02005946	Oxford 007	1	2	4	2	4	3	
E02005947	Oxford 008	1	1	2	1	5	2	
E02005948	Oxford 009	1	1	3	1	5	3	
E02005950	Oxford 011	1	1	2	2	4	3	
E02005951	Oxford 012	1	1	2	3	3	3	
E02005953	Oxford 014	1	1	2	4	2	2	



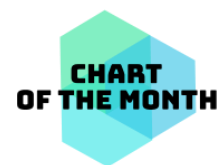
SOUTH OXFORDSHIRE

Code	Name	Clinical			Economic		Socioeconomic
		Vulnerability decile	Vulnerability decile	Health/Wellbeing Vulnerability decile	Vulnerability decile	Social Vulnerability decile	Vulnerability decile
E02005963	South Oxfordshire 006	8	6	10	4	5	4
E02005975	South Oxfordshire 018	7	6	10	1	3	1
E02005977	South Oxfordshire 020	7	7	10	1	1	1
E02005976	South Oxfordshire 019	5	5	10	1	2	1
E02005969	South Oxfordshire 012	4	5	9	3	3	2
E02005972	South Oxfordshire 015	4	6	8	2	1	1
E02005973	South Oxfordshire 016	4	4	9	1	2	1
E02005964	South Oxfordshire 007	3	6	7	2	1	1
E02005974	South Oxfordshire 017	3	4	9	1	2	1
E02005959	South Oxfordshire 002	2	4	7	1	2	1
E02005960	South Oxfordshire 003	2	5	6	3	2	2
E02005961	South Oxfordshire 004	2	4	5	2	3	2
E02005962	South Oxfordshire 005	2	6	6	2	2	1
E02005965	South Oxfordshire 008	2	6	7	1	1	1
E02005968	South Oxfordshire 011	2	5	7	1	1	1
E02005970	South Oxfordshire 013	2	3	1	5	6	5
E02005971	South Oxfordshire 014	2	3	3	4	4	4
E02005958	South Oxfordshire 001	1	5	1	1	2	1
E02005966	South Oxfordshire 009	1	2	1	1	1	1
E02005967	South Oxfordshire 010	1	3	2	4	3	2



VALE OF WHITE HORSE

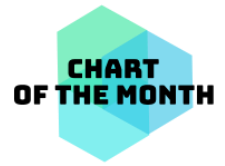
Code	Name	Clinical			Economic		Socioeconomic	
		Vulnerability decile	Vulnerability decile	Health/Wellbeing Vulnerability decile	Vulnerability decile	Social Vulnerability decile	Vulnerability decile	
E02005978	Vale of White Horse 001	4	4	9	1	1	1	
E02005986	Vale of White Horse 009	4	5	8	4	3	3	
E02005991	Vale of White Horse 014	4	5	9	2	3	2	
E02005979	Vale of White Horse 002	3	4	7	1	6	3	
E02005983	Vale of White Horse 006	3	5	6	5	4	4	
E02005980	Vale of White Horse 003	2	4	7	2	2	2	
E02005984	Vale of White Horse 007	2	5	7	1	1	1	
E02005985	Vale of White Horse 008	2	5	3	5	4	4	
E02005992	Vale of White Horse 015	2	4	6	3	3	2	
E02006886	Vale of White Horse 016	2	3	7	2	1	1	
E02005981	Vale of White Horse 004	1	3	1	1	2	1	
E02005982	Vale of White Horse 005	1	4	3	2	3	2	
E02005987	Vale of White Horse 010	1	4	4	4	1	2	
E02005988	Vale of White Horse 011	1	5	6	2	1	1	



WEST OXFORDSHIRE

Code	Name	Clinical			Economic		Socioeconomic	
		Vulnerability decile	Vulnerability decile	Health/Wellbeing Vulnerability decile	Vulnerability decile	Social Vulnerability decile	Vulnerability decile	
E02005993	West Oxfordshire 001	8	7	10	6	1	3	
E02005998	West Oxfordshire 006	7	8	10	1	1	1	
E02005995	West Oxfordshire 003	6	6	10	3	1	1	
E02005999	West Oxfordshire 007	6	6	10	2	1	1	
E02006003	West Oxfordshire 011	6	8	9	3	4	3	
E02005994	West Oxfordshire 002	5	6	10	1	2	1	
E02006002	West Oxfordshire 010	5	7	8	5	4	4	
E02005996	West Oxfordshire 004	4	7	9	1	2	1	
E02006001	West Oxfordshire 009	3	6	5	3	4	3	
E02006004	West Oxfordshire 012	3	6	8	2	1	1	
E02006007	West Oxfordshire 015	3	6	8	3	1	1	
E02005997	West Oxfordshire 005	2	5	7	2	1	1	
E02006000	West Oxfordshire 008	2	5	6	3	3	2	
E02006006	West Oxfordshire 014	2	4	5	4	1	2	
E02006005	West Oxfordshire 013	1	3	2	3	2	2	

Source: [British Red Cross COVID-19 Vulnerability Index](#)



Sources:

[British Red Cross COVID-19 Vulnerability Index](#)

[British Red Cross COVID-19 Vulnerability Index map](#)

[Vulnerability Index report](#)

[OCSI – Local Insight](#) – (Needs login details)

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On behalf of:

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Oxford City Council

South Oxfordshire District Council

Vale of White Horse District Council

West Oxfordshire District Council

Data notes and briefings from this service are available at [District Data Service website](#)