
UK CENCUS REPORT ANALYSIS

BY ETHNICITY

(2021)

England and Wales



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BOOTCAMP

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Introduction

This report examines the ethnic makeup of different constituencies and regions in England and Wales. It uses comparisons and correlations between ethnic diversity and socioeconomic indicators to assess and highlight ethnic distributions across various areas, pinpointing regions and constituencies with notable changes in their ethnic populations.

Data was also pulled from open source to provide additional insights and a deeper understanding to inconsistent trends. Correlations were made between different constituencies, ethnic groups, regions, place of birth and a time metric was added to signify changes in population growth increase due to migration over the years.

To enhance clarity, I've excluded the "White: English, Welsh, Scottish, Northern Irish or British" ethnic group from certain charts. This allows for a clearer comparison among the 18 ethnic minority groups, which collectively constitute a smaller percentage of the overall population.

ETHNICITY BY MAIN ETHNIC GROUPS

According to the 2021 Census, the total population of England and Wales was 59.6 million, and 81.7% of the population identified as white.

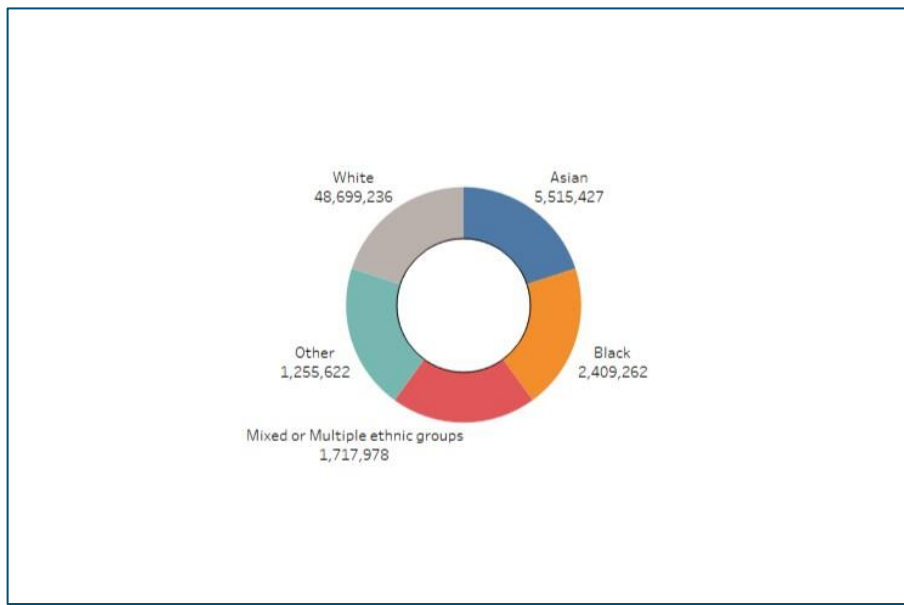


Fig 1 Population of England and Wales

In Fig 1, a donut chart was used to display the total population in England and Wales segmented by the main ethnic groups. Sorting the population by each country the breakdown between England and Wales are as follow:

In England:

- 81.0% (45.8 million) identified as "White."
- 9.6% (5.4 million) of the population identified as "Asian, or Asian British."
- 4.2% (2.4 million) identified as "Black, Black British, Caribbean or African."
- 3.0% (1.7 million) identified as "Mixed or Multiple ethnic groups."
- 2.2% (1.2 million) identified as "Other ethnic groups."

In Wales:

- 93.8% (2.9 million) identified as "White."
- 2.9% (89,000) of the population identified as "Asian, Asian British or Asian Welsh."
- 1.6% (49,000) identified as "Mixed or Multiple ethnic groups."
- 0.9% (28,000) identified as "Black, Black British, Black Welsh, Caribbean or African."
- 0.9% (26,000) identified as "Other ethnic groups."

ETHNICITY BY SUB-GROUP

Among the 19 ethnic groups, White British people constituted the largest percentage of the population at 74.4%, followed by individuals in the White 'Other' category at 6.2%, and the Indian ethnic group at 3.1%.

Comparative Analysis

Demographic Distribution

What is the composition of sub-ethnic groups within the main ethnic groups?
composition of each constituency?

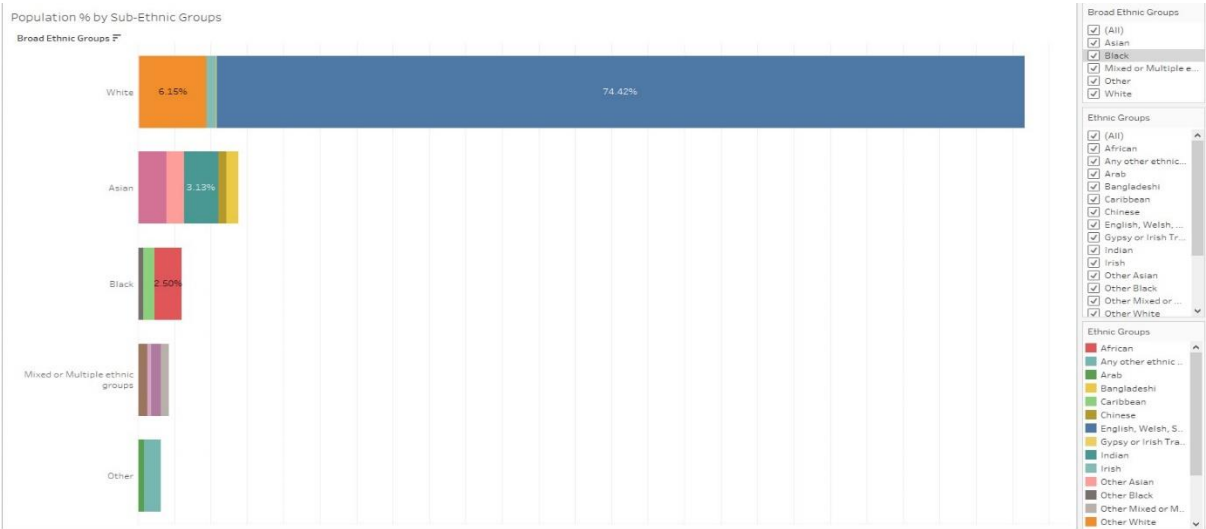


Fig 2 Population percentage by sub-ethnic groups

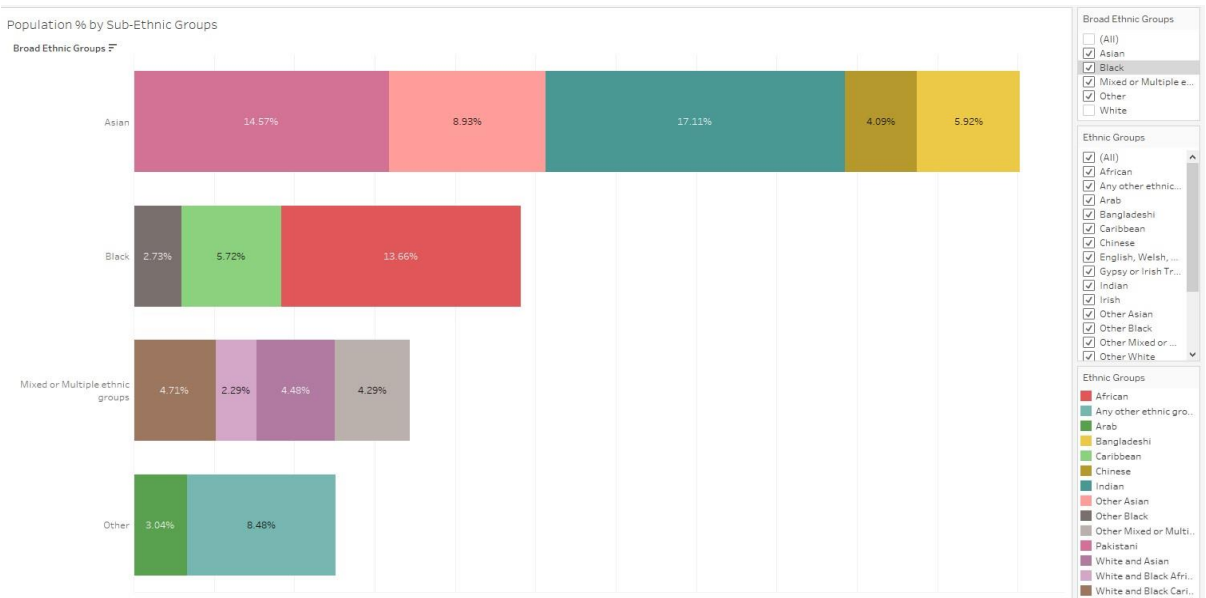


Fig 3 Graphic representation of Fig 2 without the 'White' ethnic group

Which constituencies have the highest and lowest percentages of specific ethnic groups?

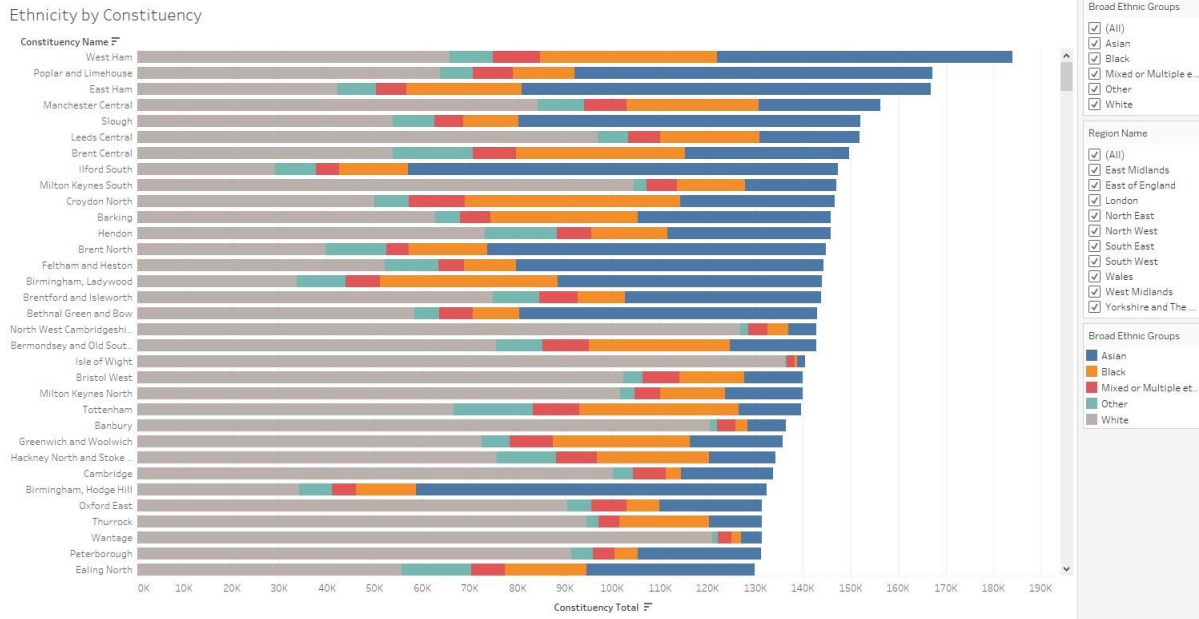


Fig 4

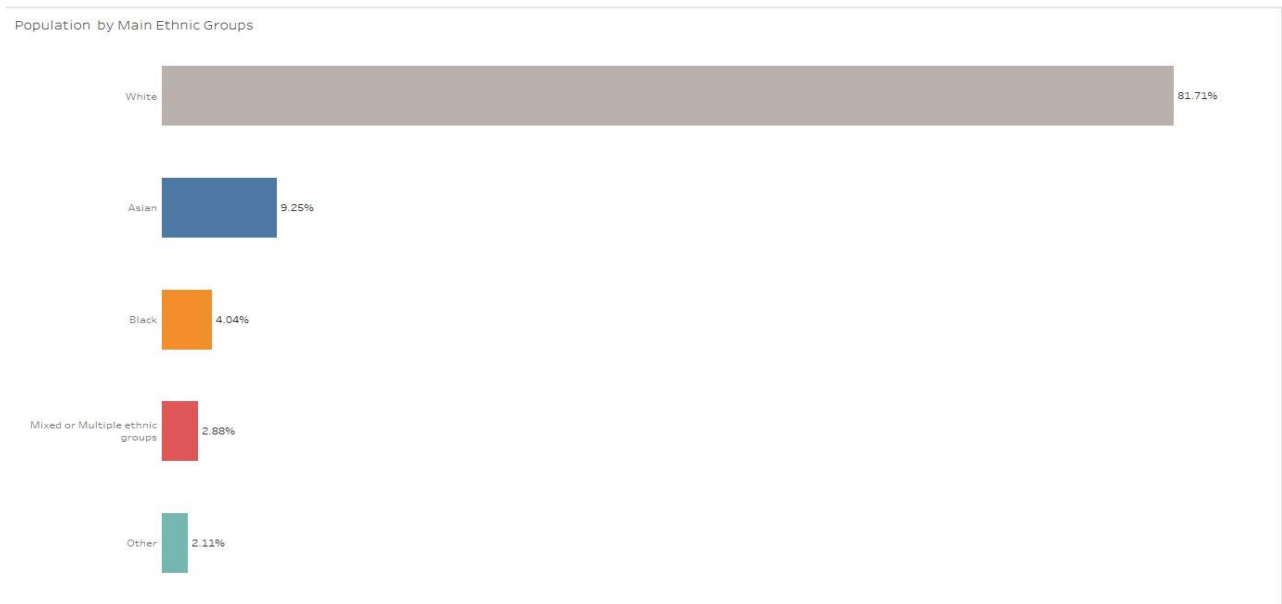


Fig 5

People from Asian ethnic groups made up the second largest percentage of the population (9.3%), followed by black (4.0%), mixed (2.9%) and other (2.1%) ethnic groups

Constituencies by Sub-Ethnic Groups Population

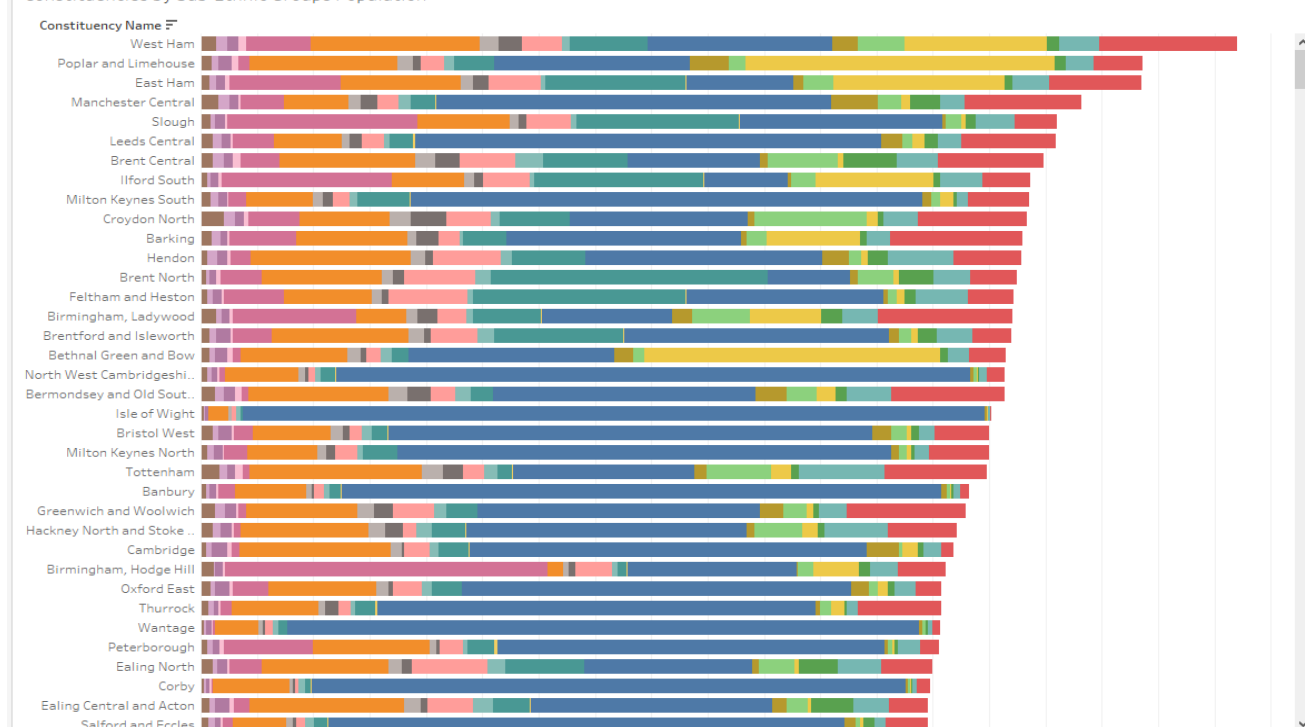


Fig 6

Rank constituencies based on the percentage of a particular ethnic group (e.g., highest percentage of Bangladeshi population).

Create a leaderboard or ranked list.

	Region Name									
Ethnic Groups	East Midlands	East of England	London	North East	North West	South East	South West	Wales	West Midlands	Yorkshire and The Humber
Indian	229,832	136,973	656,275	22,025	140,411	241,539	58,844	21,069	276,032	81,321
African	83,159	118,733	697,056	22,065	126,619	150,537	43,323	19,903	146,092	80,910
Pakistani	71,038	99,453	290,540	27,292	303,613	145,307	17,436	17,535	319,165	296,436
Any other ethnic group	48,588	70,592	416,976	15,938	66,289	106,115	38,407	14,820	92,438	53,616
White and Black Caribbean	46,399	51,944	132,560	5,650	46,960	62,090	33,220	13,735	81,195	39,295
Other Asian	46,284	80,317	401,244	17,940	63,749	159,492	44,169	20,659	88,250	50,692
Caribbean	30,829	41,883	345,403	1,700	25,906	43,524	17,226	3,692	90,195	22,735
White and Asian	30,804	51,449	125,187	12,494	47,830	88,110	34,959	14,031	46,478	36,888
Other Mixed or Multiple ethnic groups	25,702	48,886	170,691	8,608	38,442	72,041	30,250	12,763	34,545	25,188
Chinese	22,978	38,441	147,518	14,442	54,052	64,328	26,510	14,456	33,299	29,594
Bangladeshi	20,974	50,678	322,054	16,354	60,851	39,886	12,223	15,320	77,518	29,019
Other Black	15,997	24,330	145,910	2,866	21,398	27,515	9,069	3,947	32,741	13,999
White and Black African	14,340	27,371	77,335	6,530	30,009	38,631	15,644	8,070	16,018	15,636
Arab	13,360	15,640	139,799	10,404	43,860	29,570	10,302	11,650	31,790	25,468

Fig 7

How do regional and national percentages of ethnic groups compare to constituency percentages?

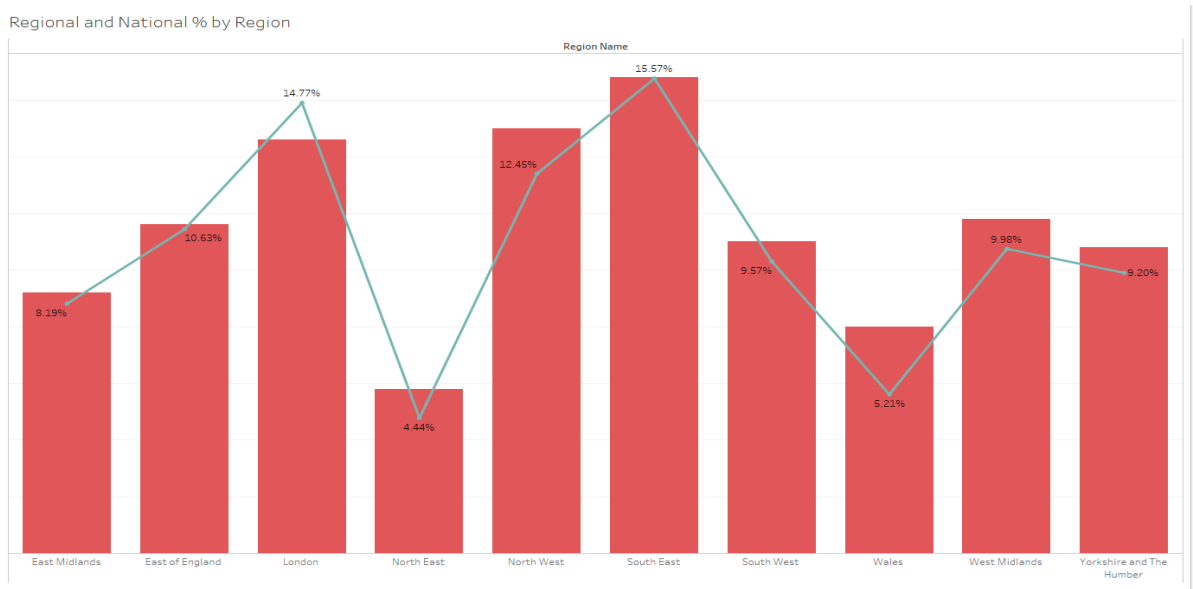


Fig 8

Regions of England

How does ethnic composition vary across different regions?

Compare the distribution of broad ethnic groups (e.g., Asian, Black, White) across different regions.

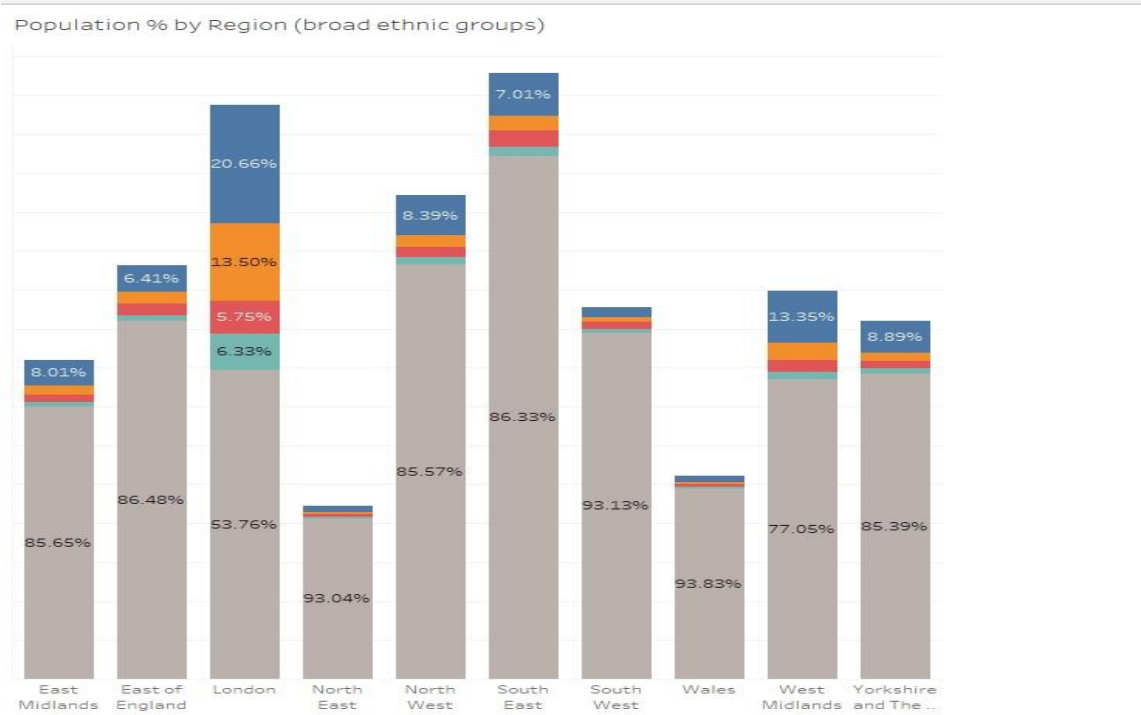


Fig 9

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ETHNICITY BETWEEN 2011 AND 2021

Trend Analysis

5. What are the trends in ethnic diversity over time (if historical data is available)?
 - Analyze changes in ethnic composition over different census years.
 - Use line charts to show trends in the growth or decline of specific ethnic groups.

Ethnicity over time (2001- 2021)

Ethnicity	Time		
	2001	2011	2021
All	100.00	100.00	100.00
Any Other Asian Backgrou...	0.50	1.50	1.60
Any Other Black Backgrou...	0.20	0.50	0.50
Any Other Ethnic Backgro...	0.40	0.60	1.60
Any Other Mixed/Multiple...	0.30	0.50	0.80
Any Other White Backgro...	2.60	4.40	6.20
Arab		0.40	0.60
Asian	4.40	7.50	9.30
Bangladeshi	0.50	0.80	1.10
Black	2.20	3.30	4.00
Black African	0.90	1.80	2.50
Black Caribbean	1.10	1.10	1.00
Chinese	0.40	0.70	0.70
Gypsy Or Irish Traveller		0.10	0.10
Indian	2.00	2.50	3.10
Mixed	1.30	2.20	2.90
Mixed White And Asian	0.40	0.60	0.80
Mixed White And Black Af..	0.20	0.30	0.40
Mixed White And Black Ca...	0.50	0.80	
Other		1.00	2.10
Other - Including Chinese	0.90		
Pakistani	1.40	2.00	2.70
Roma			0.20
White	91.30	86.00	81.70
White And Black Caribbean			0.90
White British	87.50	80.50	74.40
White Irish	1.20	0.90	0.90

Fig 12 List of percentage growth from 2001 to 2021

White British Ethnic Group:

From 2011 to 2021, the percentage of people identifying as White British decreased from 80.5% to 74.4%.

White ‘Other’ Ethnic Group:

The White ‘Other’ ethnic group saw the largest percentage point increase, rising from 4.4% to 6.2% during the same period.

Other Ethnic Groups:

The “Other ethnic group: Any other ethnic group” category increased significantly from 0.6% (333,000) in 2011 to 1.6% (924,000) in 2021.

The “Black, Black British, Black Welsh, Caribbean or African: African” group also grew from 1.8% (990,000) in 2011 to 2.5% (1.5 million) in 2021.

Asian Ethnic Group:

The “Asian, Asian British or Asian Welsh” category rose from 7.5% (4.2 million) in 2011 to 9.3% (5.5 million) in 2021.

Other Changes:

The “Other ethnic group” category increased from 1.0% (564,000) in 2011 to 2.1% (1.3 million) in 2021.

Factors contributing to these changes could include ageing patterns, fertility, mortality, and migration.

Geospatial Analysis

7. How is ethnic diversity distributed geographically?

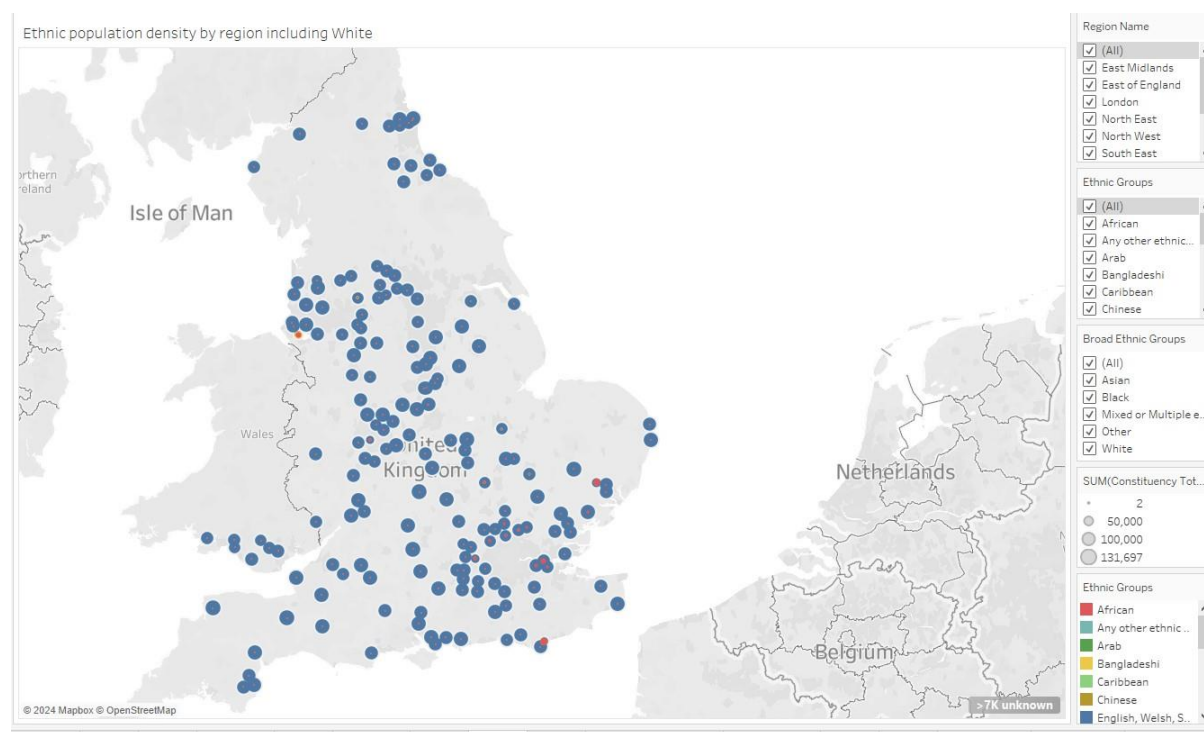


Fig 13 Map visualising the distribution of ethnic groups across constituencies.

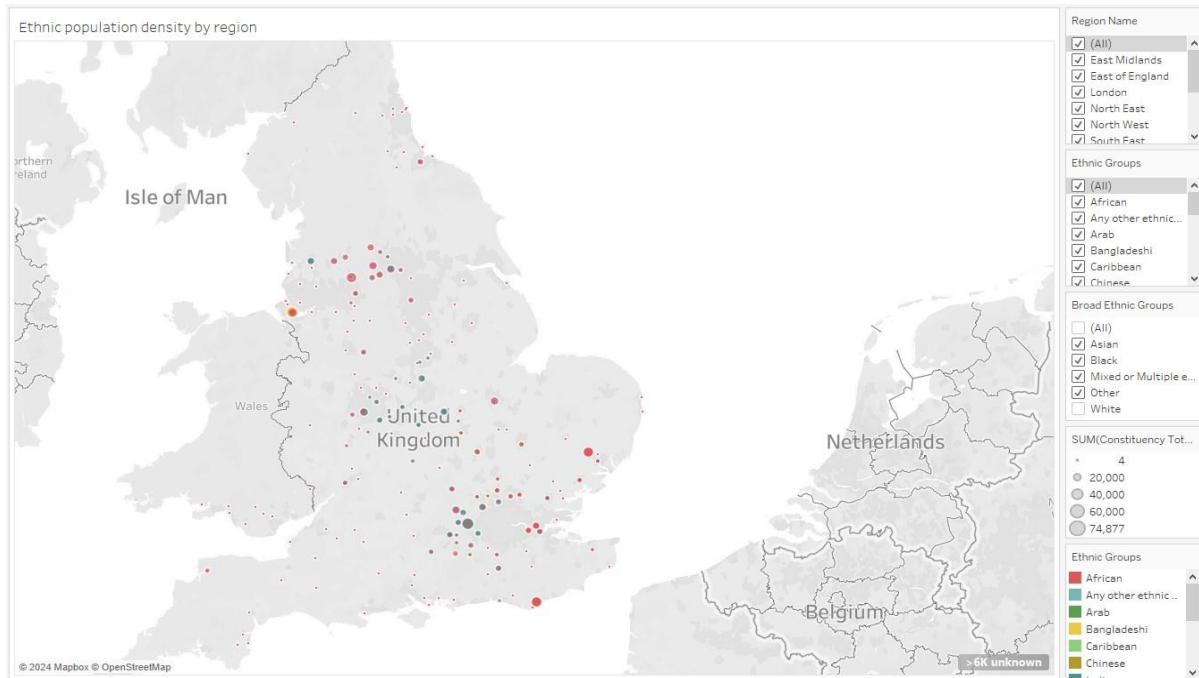


Fig 14 Map visualising the distribution of ethnic groups across constituencies. (White excluded)

Ranking and Comparison

9. What are the detailed demographic characteristics of specific ethnic groups within constituencies?

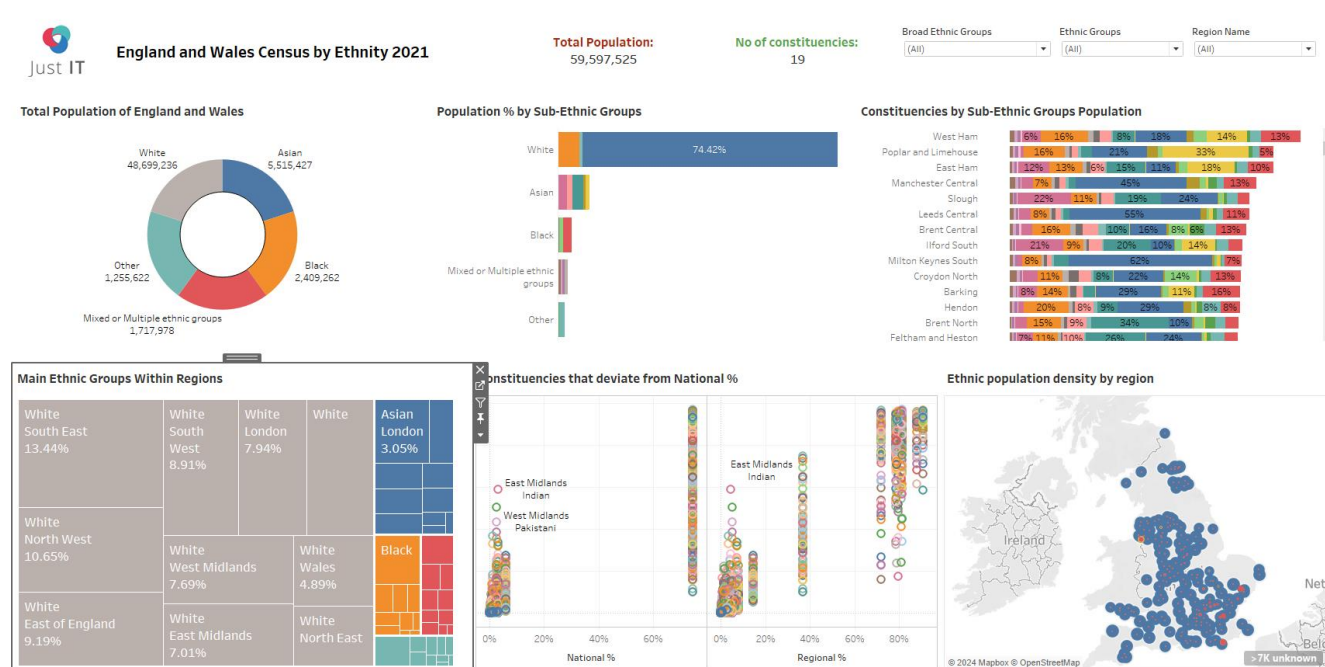


Fig 15 Interactive map with Drill down into specific ethnic groups to analyze their distribution within constituencies.