

SSA EQUALITY IMPACT AND NEEDS ANALYSIS

Directorate	Chief Executive
Service Area	Policy and Performance
Service/policy/function being assessed	Wandsworth Environment and Sustainability Strategy
Which borough (s) does the service/policy apply to	Wandsworth
Staff involved in developing this EINA	Clare O’Conner, Andrew Hagger, Nicola Wheeler
Date approved by Directorate Equality Group (if applicable)	
Date approved by Policy and Review Manager All EINAs must be signed off by the Policy and Review Manager	05/01/2023
Date submitted to Directors’ Board	10/1/2023

1. Summary

Please summarise the key findings of the EINA.

This EINA is being undertaken as part of the 2023 update of the Wandsworth Environment and Sustainability Strategy. The Wandsworth Environment and Sustainability Strategy update will build upon the existing Strategy to assess progress made to date with the Strategy and identify new opportunities for actions to reduce the borough’s greenhouse gas emissions and improve its resilience to climate change. The Wandsworth Environment and Sustainability Strategy aims to:

- Ensure the council is the greenest Inner London borough.
- Ensure the council is doing all it can to be net zero.
- Ensure council services are resilient and able to adapt to the impacts of climate change.

The key finds of the EINA are:

- Young and elderly populations are very vulnerable to climate change impacts, in particular heatwaves and air pollution.
- Disabled groups are at particular risk of climate impacts, such as flooding, and require targeted responses by the council to reduce their vulnerability. Actions are also needed to ensure individuals’ care is not detrimentally impacted by waste reduction schemes and bans of single use plastics.
- Females may be more negatively impacted by climate change than males, as they tend to be poorer and in Wandsworth more females have a disability or health condition affecting their ability to do day-to-day tasks.
- Pregnant women are a vulnerable group and at higher risk of the health impacts of climate change.

- Ethnic minority groups are, on average, more exposed to poor air quality and also have less access to green spaces that can help reduce certain climate impacts, such as heatwaves, flooding and air pollution.

Climate change will not affect everyone equally. Indeed, it is those groups that are already more vulnerable that will be most negatively impacted by climate change. When these protected characteristics are cross-referenced, the scale of impacts of climate change on these groups are compounded. The actions in the Wandsworth Environment and Sustainability Strategy will help to reduce these vulnerabilities for these groups and decrease their exposure to climate change impacts by putting in place targeted actions to protect them.

2. Evidence gathering and engagement

a. What evidence has been used for this assessment? For example, national data, local data via DataRich or DataWand

Evidence	Source
DataWand	DataWand
Office for National Statistics	Home - Office for National Statistics (ons.gov.uk)

b. Who have you engaged and consulted with as part of your assessment?

Individuals/Groups	Consultation/Engagement results	Date	What changed as a result of the consultation
Ongoing climate engagement work has taken place throughout the year with residents and community groups	Feedback from ongoing engagement has been used in developing the Climate Action Plan	Throughout 2022	Increased focus on engagement with groups that have not been as present in conversations about climate change

3. Analysis of need

Potential impact on this group of residents and actions taken to mitigate impact and advance equality, diversity and inclusion

Protected group	Findings
Age	The London Borough of Wandsworth has a population of 327,506 (2021). Of this, 10% are aged over 65 years and 16% are aged 0-14 years ¹ . The young and elderly are particularly vulnerable to the impacts of climate change. Wandsworth has an aging population, with 53,919 people aged over 65 expected to live in Wandsworth

¹ [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](#)

in 2043. This is an increase from 10% of the population in 2021 to 14.9% of the population in 2043 (this is lower than London (18.3%) and England (22.2%)².

As heatwaves become increasingly frequent and more severe, associated deaths could rise by as much as three times in the UK in the coming decades³. With an aging population, Wandsworth’s population will be especially susceptible to heatwaves.

Air pollution presents a major threat to population health. In Wandsworth, 6.4% of mortality is attributable to air quality (2019), which is the same as the London average⁴. Babies and children are very vulnerable to the impacts of air pollution, affecting their lung development and causing asthma. In London, 98% of schools are in areas where air pollution is higher than the World Health Organization limit. Children growing up in polluted areas of London have a 5% loss of lung capacity compared with the rest of England⁵. The Mayor of London undertook air quality audits in 2017, which looked at 50 London schools, including Chesterton Primary School, St Mary's RC Voluntary Aided Primary School and St Anne's CofE Primary School located in Wandsworth⁶.

Disability

As extreme weather events, such as flooding, increase in frequency and intensity, some disabled populations will be particularly vulnerable and require additional support for safe evacuation. In Wandsworth, 10.7% of the population is identified as having a disability whereby their day-to-day activities are limited. In Wandsworth, the groups most affected by health problems and disabilities are aged 25-39 (figure 1). Females are also disproportionately affected (figure 2).⁷

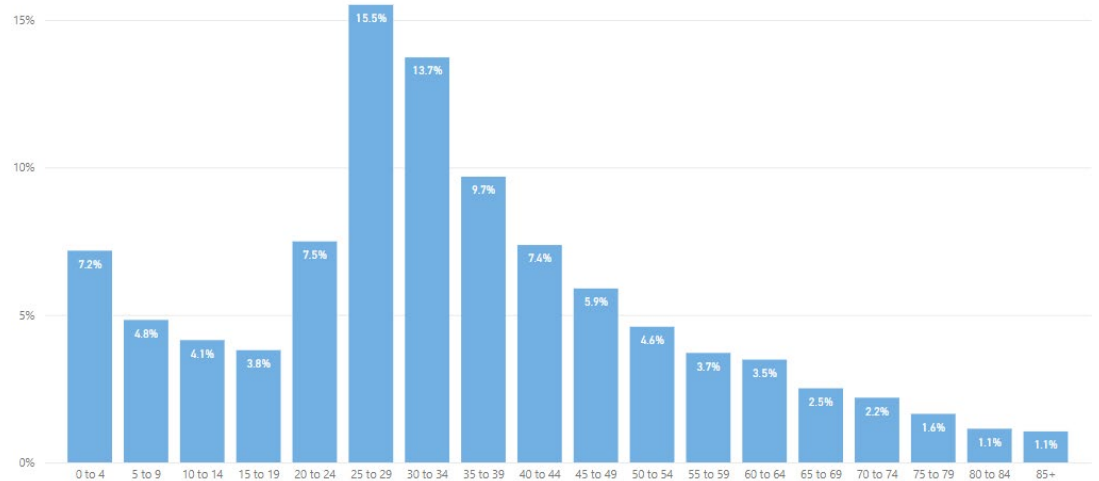


Figure 1. Health problem/disability by age in Wandsworth (2011 Census Data)

² [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](#)

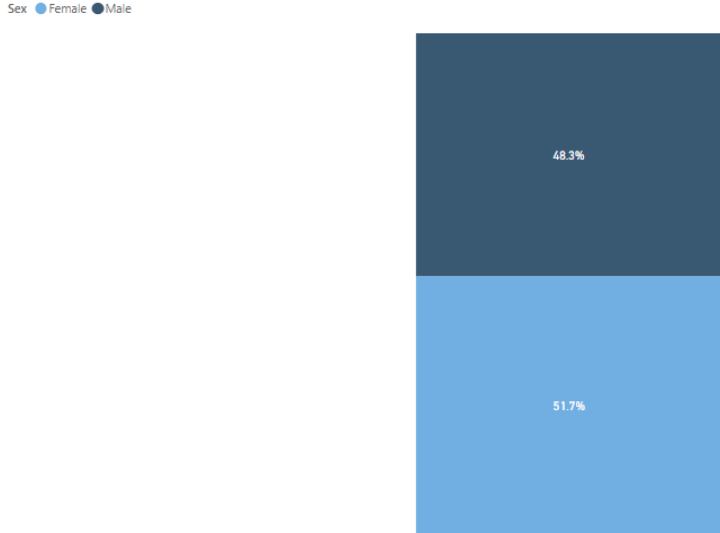
³ [Climate change: Heat deaths could triple by 2050 - BBC News](#)

⁴ [DataWand – Environment](#)

⁵ [3.1m children in England going to schools in areas with toxic air | London City Hall](#)

⁶ [Mayor’s air quality audits to protect thousands of London children | London City Hall](#)

⁷ [DataWand – Population Explorer](#)

	 <p>Sex ● Female ● Male</p> <p>Figure 2. Health problem/disability by sex in Wandsworth (2011 Census Data)</p> <p>Individuals with existing health problems are also more susceptible to the impacts of climate change, including heatwaves, flooding, droughts, spread of infectious diseases, and poor air quality. This can lead to a worsening of their existing condition and/or exposure to new conditions.</p>
Sex	Climate change disproportionately affects the poorest and most vulnerable populations - 70% of the world’s poor are females. In Wandsworth, the median annual pay for male full-time workers is £47,263 versus £41,650 for female full-time workers ⁸ . Additionally, 51.7% of the population identified as having a health problem or disability are females (figure 2).
Gender reassignment	Data was not collected in the 2011 Census and is not available at a borough level. However, using national data statistic reports, and assuming uniform distribution of individuals geographically, there may be between 16 and 39 people with gender dysphoria in Wandsworth ⁹ .
Marriage and civil partnership	In Wandsworth, 32.6% are married and 0.6% are registered in a civil partnership ¹⁰ .
Pregnancy and maternity	<p>In 2020, the birth rate in Wandsworth was 46.5 per 1000 females of childbearing age (15-44 years)¹¹. According to the Office of National Statistics 2020, the conception rate for London is 76.2 per 1000 women, which is higher than the rate for England (73.4 per 1000)¹².</p> <p>Pregnant women are identified as a vulnerable group to the impacts of climate change by the World Health Organization. Their health is threatened by impacts such as extreme heat, air pollution, and spread of infectious disease.</p>
Race/ethnicity	In Wandsworth, 39.5% of the population identifies as an ethnic minority (see figure 3 for breakdown) and 82.6% of the population have English as their main

⁸ [Economy - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](https://datawand.info/reports/economy-utla-wandsworth)

⁹ [DataWand](https://datawand.info)

¹⁰ [DataWand – Population Explorer](https://datawand.info/population-explorer)

¹¹ [DataWand – Health and Social Care](https://datawand.info/health-social-care)

¹² [Conceptions in England and Wales - Office for National Statistics](https://www.ons.gov.uk/peoplepopulationandcommunity/healthandlife/birthsdeathsandmarriages/conceptions)

language¹³. Populations who do not have English as a first language may be more limited in their ability to understand important communications around the risks climate change poses to them and therefore may be less able to protect themselves.

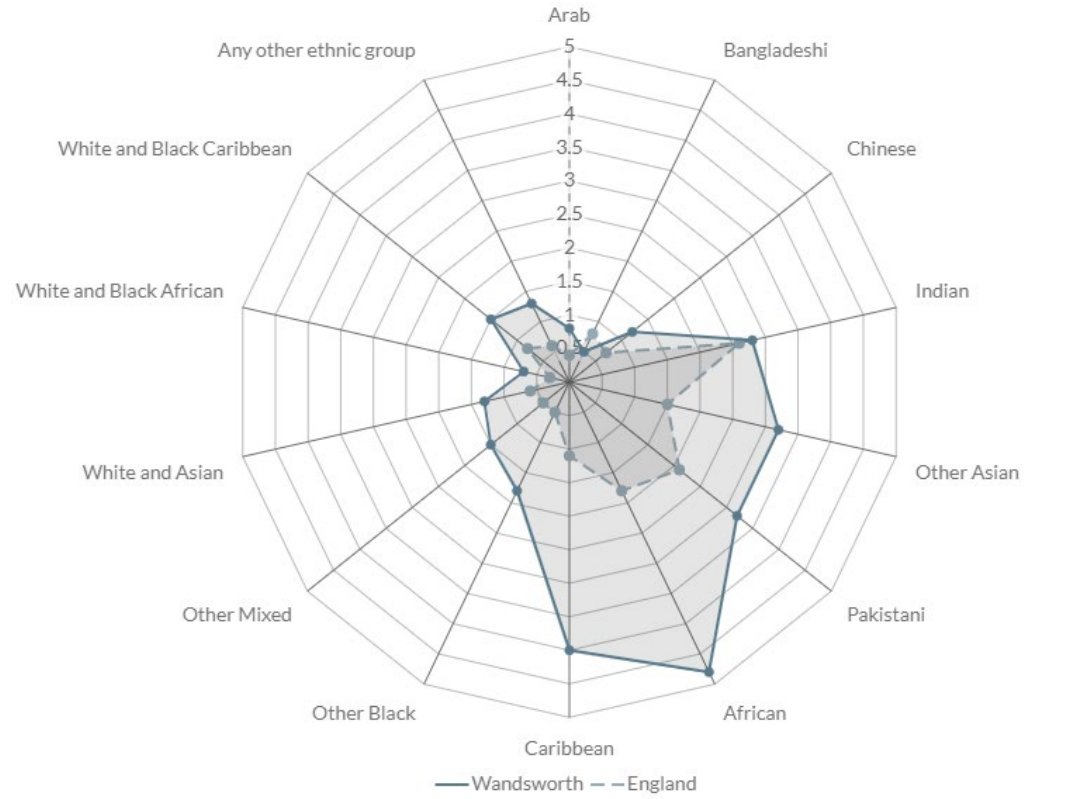


Figure 3. Percentage of population by ethnic group in Wandsworth versus England (2011 Census Data).¹⁴

In London, ethnic minority groups have been found to be more likely to live in areas of worse air pollution (higher levels of NO₂, specifically)¹⁵. Green spaces are important in reducing exposure to air pollution, flooding and extreme heat, as trees help reduce these risks. Ethnic minority communities statistically have less access to green spaces (private gardens and public parks)¹⁶; are more than twice as likely to live in an area of England most deprived of green space; and almost 40% of people of ethnic minority backgrounds live in areas most deprived of green spaces in England¹⁷.

Religion and belief, including non belief	In the 2011 census, 65.2% of the population of Wandsworth identified as having a religion, while 27% stated no religion ¹⁸ .
Sexual orientation	Data was not collected in the 2011 Census and is not available at a borough level. However, using national data statistic reports, and assuming uniform distribution of

¹³ [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](#)

¹⁴ [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](#)

¹⁵ [Mayor’s action on air quality will benefit poorest Londoners the most | London City Hall](#)

¹⁶ [Green space for all - CPRE London](#)

¹⁷ [England's green space gap | Policy and insight \(friendsoftheearth.uk\)](#)

¹⁸ [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](#)

	<p>individuals geographically, there may be around 2.7% of people aged over 16 who identified as lesbian, gay or bisexual in Wandsworth¹⁹.</p>																						
<p>Across groups i.e older LGBT service users or Black, Asian & Minority Ethnic young men.</p>	<p>Climate change disproportionately affects poorer and more vulnerable populations. Groups that cross different vulnerabilities are more likely to be more detrimentally affected by climate change, as these impacts are compounded.</p>																						
<p>Socio-economic status (to be treated as a protected characteristic under Section 1 of the Equality Act 2010) Include the following groups:</p> <ul style="list-style-type: none"> • Deprivation (measured by the 2019 English Indices of Deprivation) • Low-income groups & employment • Carers • Care experienced people • Single parents • Health inequalities • Refugee status 	<p>Groups that cross different vulnerabilities within this broader protected group are more likely to be more detrimentally affected by climate change, as these vulnerabilities and impacts are compounded.</p> <p>Deprivation In Wandsworth, no Lower Super Output Area (LSOA) has been identified as the most deprived decile (decile 1), but 4.5% are decile 2 and 8.9% are decile 3 (see figure 4)²⁰. More deprived groups are disproportionately impacted by climate change, as they tend to have higher vulnerability, lower adaptive capacity, and be more exposed to climate impacts.</p> <table border="1"> <caption>Data for Figure 4: Index of Multiple Deprivation – LSOAs by decile in Wandsworth (2019)</caption> <thead> <tr> <th>Decile</th> <th>Percentage of LSOAs</th> </tr> </thead> <tbody> <tr> <td>Decile 1</td> <td>0%</td> </tr> <tr> <td>Decile 2</td> <td>4.5%</td> </tr> <tr> <td>Decile 3</td> <td>8.9%</td> </tr> <tr> <td>Decile 4</td> <td>10.1%</td> </tr> <tr> <td>Decile 5</td> <td>13.4%</td> </tr> <tr> <td>Decile 6</td> <td>17.3%</td> </tr> <tr> <td>Decile 7</td> <td>15.1%</td> </tr> <tr> <td>Decile 8</td> <td>12.8%</td> </tr> <tr> <td>Decile 9</td> <td>12.8%</td> </tr> <tr> <td>Decile 10</td> <td>5%</td> </tr> </tbody> </table> <p>Figure 4. Index of Multiple Deprivation – LSOAs by decile in Wandsworth (2019)</p> <p>Low-income groups and employment Income is an important contributing factor to deprivation, increasing LSOAs in Wandsworth in decile 1 from 0% to 1.7%. Of those employed, 85% of people aged 16-64 are in full-time employment and 15% are in part-time employment²¹. Low-income and unemployed groups are likely to be more detrimentally impacted by climate change, as their ability to increase their resilience and adapt to the impacts of climate change will likely be reduced by having lower incomes.</p> <p>Carers The percentage of Wandsworth’s population giving unpaid care is 4.3% for 1-19 hours per week, 0.9% for 20-49 hours per week, and 1.3% for 50+ hours per week – these are all lower than the London and England percentages. Additionally, 0.9% of children provide unpaid care in Wandsworth (1.1% for London and England).</p> <p>Care experience people</p>	Decile	Percentage of LSOAs	Decile 1	0%	Decile 2	4.5%	Decile 3	8.9%	Decile 4	10.1%	Decile 5	13.4%	Decile 6	17.3%	Decile 7	15.1%	Decile 8	12.8%	Decile 9	12.8%	Decile 10	5%
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¹⁹ [Sexual orientation, UK - Office for National Statistics \(ons.gov.uk\)](https://ons.gov.uk)

²⁰ [Deprivation - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](https://datawand.info)

²¹ [Economy - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](https://datawand.info)

At the end of 2022, there were 335 care leavers aged 18-25 years in Wandsworth.²²

Single parents

In Wandsworth, 10.2% of households are a lone parent family – equating to 14,041 households. This is lower than London (13.3%) and England (11.1%)²³.

Health inequalities

Life expectancy at birth in Wandsworth is 84 years for females and 78.7 years for males, while healthy life expectancy at birth is 70.1 years and 65.4 years for females and males, respectively. Figure 5 shows the percentage of patients recorded on the practice disease register.

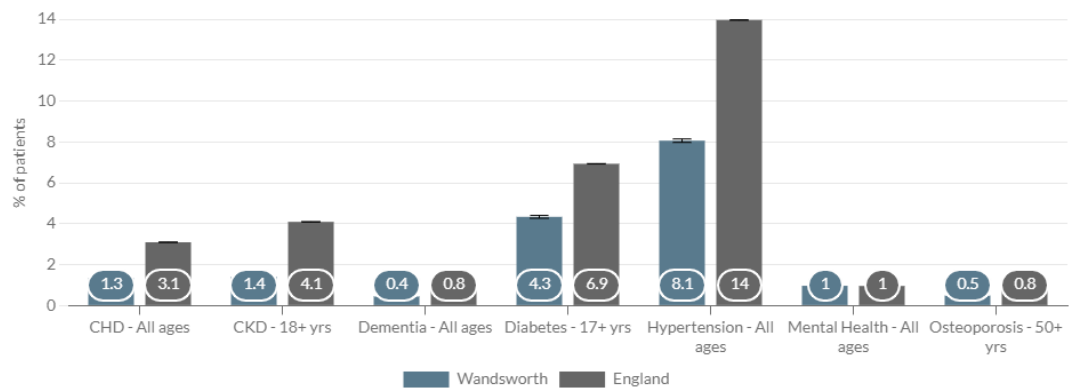


Figure 5. Percentage of patients recorded on practice diseases register (2018/19).

People with existing health conditions are more susceptible to the impacts of climate change. For example, people with COPD are more vulnerable to air pollution, with their condition often being exacerbated and/or additional complications arising because of exposure to poor air quality.

Refugee status

Borough-level data is not available for Wandsworth. However, using national data statistics reports, and assuming uniform distribution of individuals geographically, there may be approximately 0.26% of people who are refugees in Wandsworth²⁴. Nearly 2% of people in Wandsworth are migrants who’s address one year ago was outside the UK²⁵. The number of climate change refugees is expected to increase as the impacts of climate change become increasingly severe globally. These individuals will be extremely vulnerable, potentially having lost everything.

Data gaps

Data gap(s)	How will this be addressed?
No data gaps identified	

²² Wandsworth Children’s Services

²³ [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](https://data.wandsworth.gov.uk/population-utla-wandsworth-report-builder-for-arcgis)

²⁴ [Facts about refugees - Refugee Action \(refugee-action.org.uk\)](https://refugee-action.org.uk/facts-about-refugees)

²⁵ [Population - UTLA | Wandsworth | Report Builder for ArcGIS \(datawand.info\)](https://data.wandsworth.gov.uk/population-utla-wandsworth-report-builder-for-arcgis)

4. Impact

Protected group	Positive	Negative
Age	<p>The Wandsworth Environment and Sustainability Strategy will help ensure the borough moves towards being more climate-resilient and so reduce associated vulnerabilities for the elderly and young, including extreme heat and air pollution.</p> <p>The Local Air Quality Action Plan will improve air quality across the borough and so reduce exposure to air pollution for vulnerable old and young populations.</p>	None identified currently.
Disability	The Wandsworth Environment and Sustainability Strategy will help ensure the borough moves towards being more climate-resilient and so reduce associated vulnerabilities for disabled populations, including reducing flood risk and implementing evacuation plans.	Waste reduction strategies and becoming single use plastic free could have some negative impacts on individuals reliant on certain products for their health and care.
Sex	The Wandsworth Environment and Sustainability Strategy will help ensure the borough moves towards being more climate-resilient and so reduce associated vulnerabilities for individuals who may be more at risk of climate impacts.	None identified currently.
Gender reassignment	None identified currently.	None identified currently.
Marriage and civil partnership	None identified currently.	None identified currently.
Pregnancy and maternity	The Wandsworth Environment and Sustainability Strategy will help ensure the borough moves towards being more climate-resilient and so reduce associated vulnerabilities for pregnant individuals who may be more at risk of climate impacts.	None identified currently.
Race/ethnicity	The Wandsworth Environment and Sustainability Strategy will	None identified currently.

	<p>help ensure the borough moves towards being more climate-resilient and so reduce associated vulnerabilities for ethnic minorities who may be more at risk of and exposed to climate impacts.</p> <p>The Local Air Quality Action Plan will improve air quality across the borough and so reduce exposure to air pollution for ethnic minority populations where air pollution is higher.</p>	
Religion and belief, including non belief	None identified currently.	None identified currently.
Sexual orientation	None identified currently.	None identified currently.
<p>Socio-economic status (to be treated as a protected characteristic under Section 1 of the Equality Act 2010) Include the following groups:</p> <ul style="list-style-type: none"> • Deprivation (measured by the 2019 English Indices of Deprivation) • Low-income groups & employment • Carers • Care experienced people • Single parents • Health inequalities • Refugee status 	The Wandsworth Environment and Sustainability Strategy will help ensure the borough moves towards being more climate-resilient and so reduce associated vulnerabilities for those with lower socio-economic status.	None identified currently.

5. Actions to advance equality, diversity and inclusion

Action	Lead Officer	Deadline
EINAs will be developed for specific policy and project proposals that form part of the delivery of the WESS	N/A	N/A

Climate risk analysis work will help further identify vulnerable populations especially those with protected characteristics.	Andrew Hagger	May 2023

6. Further Consultation (optional section – complete as appropriate)

Consultation planned	Date of consultation