Oxfordshire

682,444 total population
21,900 people living with sight loss
2,360 registered blind or partially sighted
201 Certificates of Vision Impairment in 2016/17

£291,300,000 Estimated cost of sight loss each year (includes direct and indirect costs)

General population stats
- 18% aged 65+
- 9% from ethnic minority communities
- 4% of local authority in most deprived areas in the country
- 4% of people describe their health as “bad” or “very bad”
- 14% say that they have a long-term health condition or disability

UK stats

One in every five people will start to live with sight loss in their lifetime

Every day 250 people start to lose their sight

Main causes of sight loss
- Uncorrected refracted error (39%)
- AMD (23%)
- Cataract (19%)
- Glaucoma (7%)
- Diabetic eye disease (5%)

Blind and partially sighted people
- Only one in four in work
- 40% moderately or completely cut off
- 17% offered emotional support with sight loss
- 75% have experienced a deterioration in sight over the last 12 months

The references section at the end of this report lists sources for these statistics.
Oxfordshire: eye health and sight loss report

This report has been generated using RNIB’s Sight Loss Data Tool. It provides a range of indicators relevant to blind and partially sighted people and those at risk of sight loss in Oxfordshire.

There is a comprehensive set of guidance notes to accompany this report. These notes provide further information on the data we have used throughout, including notes on terminology and the limitations of the data. Further information, including references, can be found at www.rnib.org.uk/datatool.

In terms of referencing, we suggest using the full sources at the end of the report. In addition, the RNIB Sight Loss Data Tool may be given as a reference.

Whilst every effort has been made to ensure the accuracy of the information in this report, sometimes mistakes do happen or information has changed. If you notice anything that doesn’t look right, please let us know.

If you have any questions, please contact us at stats@rnib.org.uk.

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1. General population
This section provides an overview of the general population in Oxfordshire.

1.1 Age
There are 682,444 people living in Oxfordshire (1).

Oxfordshire has a higher proportion of people aged 75 years and over compared to the average for England (1, 2). Of the population:
- 21% are aged 17 or under.
- 61% are aged 18-64.
- 18% are aged over 65.

Table: Population by age band

<table>
<thead>
<tr>
<th>Age band</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>39,534</td>
</tr>
<tr>
<td>5-17</td>
<td>103,910</td>
</tr>
<tr>
<td>18-29</td>
<td>111,837</td>
</tr>
<tr>
<td>30-49</td>
<td>177,857</td>
</tr>
<tr>
<td>50-64</td>
<td>126,129</td>
</tr>
<tr>
<td>65-74</td>
<td>66,276</td>
</tr>
<tr>
<td>75-84</td>
<td>39,356</td>
</tr>
<tr>
<td>85+</td>
<td>17,545</td>
</tr>
</tbody>
</table>

Table: Proportion of population by age band

<table>
<thead>
<tr>
<th>Age band</th>
<th>Oxfordshire</th>
<th>South East</th>
<th>England</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>6%</td>
<td>6%</td>
<td>6%</td>
</tr>
<tr>
<td>5-17</td>
<td>15%</td>
<td>16%</td>
<td>15%</td>
</tr>
<tr>
<td>18-29</td>
<td>16%</td>
<td>14%</td>
<td>16%</td>
</tr>
<tr>
<td>30-49</td>
<td>26%</td>
<td>26%</td>
<td>26%</td>
</tr>
<tr>
<td>50-64</td>
<td>19%</td>
<td>19%</td>
<td>19%</td>
</tr>
<tr>
<td>65-74</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
</tr>
<tr>
<td>75-84</td>
<td>6%</td>
<td>6%</td>
<td>6%</td>
</tr>
<tr>
<td>85+</td>
<td>3%</td>
<td>3%</td>
<td>2%</td>
</tr>
</tbody>
</table>

Note: totals may not add to 100% due to rounding.
1.2 Ethnicity
Oxfordshire has a lower proportion of people from minority ethnic groups than the average for England:
• 9% of the population are from a non-white ethnic group, compared to 15% in England (3).

**Table: Total population by ethnicity**

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>594,004</td>
</tr>
<tr>
<td>Mixed ethnicity</td>
<td>13,233</td>
</tr>
<tr>
<td>Asian / Asian British</td>
<td>26,039</td>
</tr>
<tr>
<td>Black / Black British</td>
<td>11,424</td>
</tr>
<tr>
<td>Other ethnic groups</td>
<td>9,098</td>
</tr>
</tbody>
</table>

**Table: Proportion of population by ethnicity**

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Oxfordshire</th>
<th>South East</th>
<th>England</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>91%</td>
<td>91%</td>
<td>85%</td>
</tr>
<tr>
<td>Mixed ethnicity</td>
<td>2%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Asian / Asian British</td>
<td>4%</td>
<td>5%</td>
<td>7%</td>
</tr>
<tr>
<td>Black / Black British</td>
<td>2%</td>
<td>2%</td>
<td>4%</td>
</tr>
<tr>
<td>Other ethnic groups</td>
<td>1%</td>
<td>1%</td>
<td>2%</td>
</tr>
</tbody>
</table>

Note: totals may not add to 100% due to rounding.

1.3 Socio-economics
• Oxfordshire is the 137th most deprived local authority in England (4).
• 4% of the local authority is within the 30% most deprived areas in the whole of England (4).
• There are 11,825 children living in low income families, which is better than the average for England (4).

1.4 Health
• The health of people in Oxfordshire is better than the England average (5). Life expectancy for both men and women is higher than the national average (6).
• 14% of people have a long-term health condition or disability that limits their day to day life (7).
• 4% of people describe their health as either 'bad' or 'very bad' (5).
• 12% of people smoke (8).
• 55% of adults are either overweight or obese (9).

1.5 Local labour market
• The unemployment rate in Oxfordshire is 3.30%, which is lower than the national average (10).
• There is an 28% gap in the employment rate between people with a long-term health condition and the overall population (11).

1.6 Districts
Within Oxfordshire there are 5 districts. The demographics within a county can vary significantly, and we've provided some details in the table below.

Table: Demographics by district

<table>
<thead>
<tr>
<th>District</th>
<th>Total population</th>
<th>Proportion from BAME communities</th>
<th>Extent of deprivation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherwell</td>
<td>146,338</td>
<td>8%</td>
<td>3%</td>
</tr>
<tr>
<td>Oxford</td>
<td>161,291</td>
<td>22%</td>
<td>11%</td>
</tr>
<tr>
<td>South Oxfordshire</td>
<td>138,128</td>
<td>4%</td>
<td>0%</td>
</tr>
<tr>
<td>Vale of White Horse</td>
<td>128,738</td>
<td>5%</td>
<td>1%</td>
</tr>
<tr>
<td>West Oxfordshire</td>
<td>108,674</td>
<td>3%</td>
<td>0%</td>
</tr>
</tbody>
</table>

2. Adults living with sight loss

2.1 UK overview
More than two million people are estimated to be living with sight loss in the UK today (12). This sight loss is severe enough to have a significant impact on their daily lives. This figure includes:
• people who are registered blind or partially sighted;
• people whose vision is better than the levels that qualify for registration, but that still has a significant impact on their daily life (for example, not being able to drive);
• people who are awaiting or having treatment such as eye injections or surgery that may improve their sight;
people whose sight loss could be improved by wearing correctly prescribed glasses or contact lenses.

The main causes of sight loss are:
- Uncorrected refracted error – 39 per cent
- AMD – 23 per cent
- Cataract – 19 per cent
- Glaucoma – 7 per cent
- Diabetic eye disease – 5 per cent

2.2 Oxfordshire
In Oxfordshire, there are an estimated 21,900 people living with sight loss (12). This includes around:
- 18,970 people living with partial sight.
- 2,910 people living with blindness.

Note: these figures include people whose vision is better than the levels that qualify for registration, but that still has a significant impact on their daily life (for example, not being able to drive).

The estimated prevalence of sight loss is higher in Oxfordshire compared to the average for England, with 3.20% of the population living with sight loss, compared to 3.10% nationally (12). This estimate is based on age and gender. Higher proportions of BAME communities, the number of people in low income households and access to healthcare services could all potentially impact on the prevalence of sight loss in the local area.

Age profile
In terms of the age profile of the people living with sight loss in Oxfordshire, we estimate that:
- 4,140 aged 18 to 64 years
- 4,280 aged 65 to 74 years
- 5,900 aged 75 to 84 years
- 7,320 aged 85 years and over

Future projections
By 2030 there are expected to be 29,000 people in Oxfordshire living with sight loss, an increase of 32% from 2018 (12).
2.3 Districts

These estimates are based on age and gender of each district. As age is a key factor in the likelihood of living with sight loss, the older the population the higher the estimated prevalence of sight loss.

Higher proportions of BAME communities, the number of people in low income households and access to healthcare services could all potentially impact on the prevalence of sight loss in the local area. These estimates do not take these factors into account.

Table: Estimated number and proportion of people living with sight loss by district

<table>
<thead>
<tr>
<th>District</th>
<th>Number of people living with sight loss</th>
<th>Proportion of the population living with sight loss</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherwell</td>
<td>4,680</td>
<td>3.2%</td>
</tr>
<tr>
<td>Oxford</td>
<td>3,590</td>
<td>2.3%</td>
</tr>
<tr>
<td>South Oxfordshire</td>
<td>5,050</td>
<td>3.6%</td>
</tr>
<tr>
<td>Vale of White Horse</td>
<td>4,620</td>
<td>3.5%</td>
</tr>
<tr>
<td>West Oxfordshire</td>
<td>4,040</td>
<td>3.7%</td>
</tr>
</tbody>
</table>

3. Children and young people

There are over 25,000 visually impaired children aged 0-16 in the UK, and around 15,000 aged 17 to 25 (13). Around half of these children will have additional disabilities and special educational needs. This figure includes:

- children who are registered blind or partially sighted;
- children who are living with sight loss but who are not registered blind or partially sighted.

In Oxfordshire, there are an estimated:
• 270 blind and partially sighted children aged 0-16.
• 160 blind and partially sighted young people aged 17-25.

Table: Estimated number of blind and partially sighted children by age group

<table>
<thead>
<tr>
<th>Age group</th>
<th>Blind</th>
<th>Partially sighted</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 16 years</td>
<td>70</td>
<td>200</td>
<td>270</td>
</tr>
<tr>
<td>17 to 25 years</td>
<td>40</td>
<td>120</td>
<td>160</td>
</tr>
</tbody>
</table>

Note: Based on different childhood prevalence rates, totals may not sum to total number of people living with sight loss.

4. Certification and registration

A Certificate of Vision Impairment (CVI) certifies a person as either sight impaired (partially sighted) or severely sight impaired (blind). The purpose of the CVI is to provide a formal referral route for someone with sight loss to social care services. Each CVI form is signed by a consultant ophthalmologist in an eye clinic and a copy is sent to the person's local social services department. Upon receipt of the CVI, social services offer registration and other relevant advice and services.

4.1 Certification of Vision Impairment (CVI)

In 2016/17, 201 Certificates of Vision Impairment were issued in Oxfordshire (14).

This was lower than the overall rate for England. In Oxfordshire, 29 CVIs were issued per 100,000 people; compared to 42 per 100,000 people in England (14).

There have been numerous initiatives to support better identification of need and recording of CVI so that people get access to the support they need. A higher rate of certification may indicate a positive response to this work.

Public Health Outcomes Framework

The Public Health Outcomes Framework gathers information on the rate of CVIs for three of the main causes of preventable sight loss. In Oxfordshire:
• The rate of age related macular degeneration was 84 CVIs per 100,000 people over 65 years.
• The rate of glaucoma was 9 CVIs per 100,000 people over 40 years.
• The rate of diabetic eye disease was 29 CVIs per 100,000 people over 12 years.

**Trend**
Since 2012/13, there has been a decrease of -19% in the number of CVIs issued. (15).

**4.2 Registration**
Upon receipt of a completed CVI form, the social services department offer registration as blind or partially sighted and other relevant advice and support. Registers of blind and partially sighted people are maintained by all local authorities to help them plan and deliver services.

In Oxfordshire, there are 2,360 people registered as blind or partially sighted (16). 47% are registered as blind and 53% are registered as partially sighted.

<table>
<thead>
<tr>
<th>Age band</th>
<th>Registered blind</th>
<th>Registered partially sighted</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-17</td>
<td>10</td>
<td>30</td>
<td>Less than 5</td>
</tr>
<tr>
<td>18-49</td>
<td>180</td>
<td>140</td>
<td>320</td>
</tr>
<tr>
<td>50-64</td>
<td>165</td>
<td>115</td>
<td>280</td>
</tr>
<tr>
<td>65-74</td>
<td>125</td>
<td>100</td>
<td>225</td>
</tr>
<tr>
<td>75+</td>
<td>815</td>
<td>675</td>
<td>1,490</td>
</tr>
<tr>
<td>Total</td>
<td>1,300</td>
<td>1,060</td>
<td>2,360</td>
</tr>
</tbody>
</table>

**Additional disabilities**
1,780 of the people registered as blind or partially sighted in Oxfordshire have also been recorded as having an additional disability by the local authority (16).

**New registrations**
In the year 2016/17, there were 160 new registrations of blind and partially sighted people in Oxfordshire (16).
This compares to 201 new CVIs. Any difference in these numbers may be due to the time taken from certification to registration, and these processes falling into different calendar years.

**Rate of registration**
In Oxfordshire, there are 348 registered blind or partially sighted people per 100,000 population. This is lower than the overall rate for England (17).

**Trends**
From 2014 to 2017, there has been a decrease of -24% in the overall number of people registered as blind or partially sighted.

Over the same period, there has been a decrease of -32% in the number of new registrations (18).

**5. Eye health**
Health services are crucial for the diagnosis, treatment and monitoring of eye conditions, as well as good for helping people maintain good eye health.

**5.1 Health administration**
Oxfordshire’s districts span multiple Clinical Commissioning Groups (CCGs).

The authority was formerly part of the Thames Valley Area Team.

**5.2 NHS sight tests**
In England, free NHS sight tests are available to people who meet certain criteria. For example, people who are aged 60 or over, children aged 15 and under, and people in receipt of certain benefits. Public data on sight tests only records those paid for by the NHS. Privately funded sight tests are not included in this data.

There were 436,231 sight tests in the Thames Valley Area Team in 2016/17 (19). In terms of the groups eligible for NHS sight tests:
- 200,311 sight tests were taken by people aged 60 years and over;
- 101,563 sight tests were taken by children aged 0-15;
• 19,908 sight tests were taken by students aged 16-18;
• 38,595 sight tests were taken by benefit claimants.

5.3 Outpatient appointments
When diagnosed with an eye condition, patients attend a hospital appointment with an ophthalmology specialist. The outpatient appointment data below includes all ophthalmology appointments however only a small proportion of these will involve patients diagnosed with serious sight loss.

There were 251,955 ophthalmology outpatient appointments in the Thames Valley Area Team in 2016/17 (20).

5.4 Inpatient procedures
Some eye conditions, such as cataract, require a patient to have a surgical procedure.

There were 19,533 ophthalmology inpatient procedures (also known as finished consultant episodes) in the Thames Valley Area Team in 2016/17 (21).

6. Services and support
Blind and partially sighted people may require services and support to help them remain independent. This section provides a summary of some key services.

The Sightline Directory provides more information on services aimed at helping blind and partially sighted in Oxfordshire. Please visit www.sightlinedirectory.org.uk for more details.

6.1 Eye Clinic Liaison Officers
Eye Clinic Liaison Officers or ECLOs, providing a sight loss advice service, are based within eye clinics or hospitals. They play an important role in helping patients recently diagnosed with an eye condition or who are experiencing changes in their eye sight to understand the impact of their diagnosis and provide patients with emotional and practical support.

ECLO support is not available in every NHS Trust or Health Board. RNIB has collected information about where support is available.
This only includes qualified ECLOs, trained by RNIB, and there may be other support services available locally.

In the Thames Valley Area Team, 3 NHS Trusts had access to an Eye Clinic Liaison Officer out of a total of 3 Trusts (based on the busiest 150 trusts in England by ophthalmic appointments) (22).

<table>
<thead>
<tr>
<th>Thames Valley Area Team</th>
<th>Ophthalmic outpatient appointments 2016/17</th>
<th>RNIB-trained ECLOs (Dec 2017)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buckinghamshire Healthcare NHS Trust</td>
<td>60,288</td>
<td>Yes</td>
</tr>
<tr>
<td>Oxford University Hospitals NHS Trust</td>
<td>79,603</td>
<td>Yes</td>
</tr>
<tr>
<td>Royal Berkshire NHS Foundation Trust</td>
<td>112,064</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### 6.2 Vision rehabilitation

Rehabilitation is the structured support put in place by a local authority (or commissioned agency) to maximise independence and quality of life for people with sight loss, as required by the Care Act 2014.

The mapping data we currently hold on the vision rehabilitation offer in local authorities is out of date. When this information is updated, we will include it in a future update to the Sight Loss Data Tool.

For further information please see the “Demonstrating the impact and value of vision rehabilitation”, which is available at [www.rnib.org.uk/research](http://www.rnib.org.uk/research).

### 6.3 Benefits

- In Oxfordshire, there were 502 blind and partially sighted people claiming either Personal Independence Payment (PIP) or Disabled Living Allowance (DLA) (23).
- At the end of the 2017, there were still 47.50% of working age DLA claimants waiting to be moved on to PIP (23).
6.4 Transport
Blue badges are parking badges for disabled people. Local authorities issue them to individuals and organisations concerned with the care of disabled people. Upon issue, a Blue Badge is valid for a period of three years. People who are registered as blind are automatically entitled to a blue badge if they register for one (i.e. there will be no further assessment of need).

In Oxfordshire, 217 blue badges were issued to people with sight loss in 2015/16. 582 blue badges were held by people registered blind in 2016, which represents 35% of people who are registered blind (24).

6.5 Education
In Oxfordshire, there are 91 pupils with a statement of special educational needs (SEN) or education, health and care (EHC) plans with vision impairment as their primary support need (25). Of these pupils:
- 59 are in primary school
- 29 are in secondary school
- 3 are in special schools

7. Cost of sight loss
RNIB has worked with Deloitte Access Economics to produce detailed analysis of the economic cost of sight loss in the UK. Based on the proportion of people living with sight loss in each area, we can estimate these costs for each local authority.

There are different costs related to eye health and sight loss:
- Direct costs of providing health and social care services.
- The indirect costs of informal care or lower employment.
- Economic impact of the reduction in the quality and length of life.

Direct costs
In Oxfordshire, the direct cost of sight loss is estimated to be £30,600,000 each year (27).

The main elements of this costs are hospital treatments, sight tests, prescriptions and social care. This is different to the NHS
programme budget costs as it includes estimated expenditure on things not provided or counted by the CCG.

**Indirect costs**
In Oxfordshire, the indirect cost of sight loss is estimated to be £57,700,000 each year (27). The main elements of this cost are:
- unpaid care provided by family and friends;
- lower employment rate for blind and partially sighted people;
- devices/modifications.

**Wider economic impact**
The estimated wider economic impact of cost of sight loss is estimated to be around £203,000,000 (27). This includes the costs associated with the reduction in the quality and length of life.

8. **Sight threatening eye conditions**
The figures presented in this section highlight estimates for all people living with certain eye conditions. This includes people who have experienced sight loss as a result of these eye conditions, people who have been diagnosed but have not experienced any sight loss yet, and also those people who are undiagnosed.

8.1 **Age-related macular degeneration (AMD)**
This condition commonly affects people over the age of 50 and is the leading cause of blindness.

There are two main types of AMD:
- Wet AMD can develop quickly affecting central vision in a short period of time. Early identification and treatment of wet AMD is vital. Treatment can halt the further development of scarring but lost sight cannot be restored.
- Dry AMD can develop slowly and take a long time to progress. There is currently no treatment for dry AMD. People with early and moderate stages of dry AMD are not eligible for registration, but it does have an impact upon daily life, for example a person may have to stop driving.

In Oxfordshire, we estimate that (28):
- 28,600 people are living with the early stages of AMD;
- 2,180 are living with late stage dry AMD;
• 4,510 are living with late stage wet AMD.
• 6,360 combined late stage AMD.

**Future projection**
Between 2018 and 2030 there is estimated to be an increase of 40% in the number of people living with late stage AMD in Oxfordshire (28).

### 8.2 Cataract
Cataract is a common eye condition that is prevalent in older people. The lens becomes less transparent and turns misty or cloudy. Cataracts over time can get worse and impact upon vision. A straightforward operation replaces the lens with an artificial one. Numerous studies have demonstrated the cost benefits of cataracts surgery in improving life quality and reducing the number of falls.

In Oxfordshire, we estimate that 7,080 people are living with cataract (28).

**Future projection**
Between 2018 and 2030 there is estimated to be an increase of 38% in the number of people living with cataract in Oxfordshire (28).

### 8.3 Glaucoma
This is a group of eye conditions in which the optic nerve can be damaged due to changes in eye pressure. Damage to sight can usually be minimised by early diagnosis in conjunction with careful regular observation and treatment. Many glaucoma patients will attend regular appointments and take eye drops for the rest of their lives to prevent deterioration of vision. Some forms of glaucoma can be treated with laser surgery and surgery.

In Oxfordshire, we estimate that 13,700 people are living with ocular hypertension. A further 6,960 people are living with glaucoma (28).
Future projection
Between 2018 and 2030 there is estimated to be an increase of 27% in the number of people living with glaucoma in Oxfordshire (28).

8.4 Diabetic eye disease
People with diabetes are at risk of diabetic eye disease, which can affect the blood vessels in the eye. This can lead to permanent sight loss. Screening and early diagnosis with appropriate intervention is essential.

In Oxfordshire, we estimate that:
- 42,900 adults have diagnosed diabetes (29).
- 13,500 people are living with diabetic retinopathy (30).
- Of these, 1,240 have severe diabetic retinopathy, a later stage of the disease that is likely to result in significant and potentially certifiable sight loss (30).

Future projection
Between 2018 and 2030 there is estimated to be an increase of 4% in the number of people living with diabetic retinopathy in Oxfordshire (30).

8.5 Trends
These trends assume that the underlying prevalence of these eye conditions stays the same until 2030. The changes are due to demographics – as the population ages, more people will be living with eye conditions and sight loss.

Table: Estimated number of people living with sight threatening eye conditions in Oxfordshire, from 2018 to 2030

<table>
<thead>
<tr>
<th>Condition</th>
<th>2018</th>
<th>2025</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early stage AMD</td>
<td>28,600</td>
<td>33,100</td>
<td>36,400</td>
</tr>
<tr>
<td>Late stage dry AMD</td>
<td>2,180</td>
<td>2,650</td>
<td>3,040</td>
</tr>
<tr>
<td>Late stage wet AMD</td>
<td>4,510</td>
<td>5,460</td>
<td>6,350</td>
</tr>
<tr>
<td>Total late state AMD</td>
<td>6,360</td>
<td>7,690</td>
<td>8,920</td>
</tr>
<tr>
<td>Cataract</td>
<td>7,080</td>
<td>8,480</td>
<td>9,800</td>
</tr>
</tbody>
</table>
### Ocular hypertension
13,700
14,300
14,600

### Glaucoma
6,960
1,940
8,840

### Diabetes
42,900
45,500
47,500

### Diabetic retinopathy
13,500
13,700
14,000

### Severe retinopathy
1,240
1,270
1,290

#### 8.6 Districts
These estimates are based on age and gender of each district. Higher proportions of BAME communities, the number of people in low income households and access to healthcare services could all potentially impact on the prevalence of sight loss in the local area. These estimates do not take these factors into account.

#### Table: Estimated number living with sight threatening eye conditions by district, 2018

<table>
<thead>
<tr>
<th>District</th>
<th>Total late stage AMD</th>
<th>Cataract</th>
<th>Glaucoma</th>
<th>Diabetic retinopathy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cherwell</td>
<td>1,350</td>
<td>1,510</td>
<td>1,510</td>
<td>2,920</td>
</tr>
<tr>
<td>Oxford</td>
<td>990</td>
<td>1,080</td>
<td>1,100</td>
<td>3,020</td>
</tr>
<tr>
<td>South Oxfordshire</td>
<td>1,500</td>
<td>1,670</td>
<td>1,620</td>
<td>2,780</td>
</tr>
<tr>
<td>Vale of White Horse</td>
<td>1,360</td>
<td>1,510</td>
<td>1,460</td>
<td>2,580</td>
</tr>
<tr>
<td>West Oxfordshire</td>
<td>1,190</td>
<td>1,330</td>
<td>1,280</td>
<td>2,190</td>
</tr>
</tbody>
</table>

#### 9. Additional health problems and disabilities
Many blind and partially sighted people are also living with other health problems or disabilities. Sight loss is linked to age, and as we get older we are more likely to be living with many health conditions at the same time.

#### 9.1 Stroke
Around 60% of people who experience strokes will also experience some form of visual impairment immediately after their stroke. There are national guidelines recommending specialist vision assessment for stroke survivors who have a suspected visual problem.

In Oxfordshire, 3,250 people have a long-standing health condition after experiencing a stroke (31).
9.2 Dementia
Up to 850,000 people in the UK have some form of dementia. Prevalence of sight loss is higher among people with dementia, especially those living in care homes.

In Oxfordshire, we estimate that 8,970 people are living with dementia (32). Within this group, we estimate that 1,460 people have dementia and significant sight loss (33).

9.3 Learning disabilities
People with learning disabilities are 10 times more likely to experience sight loss than the general population

In Oxfordshire, we estimate that 810 adults have a learning disability and partial sight. A further 230 adults have a learning disability and blindness (34).

9.4 Hearing impairment
In Oxfordshire, we estimate that 69,100 people have a moderate or severe hearing impairment, and 1,560 people have a profound hearing impairment (35).

9.5 Dual sensory loss
An estimated 4,240 people are living with some degree of dual sensory loss in Oxfordshire (36). Of these people, it is estimated that 1,670 are living with severe dual sensory loss (36).

The register of blind and partially sighted people also records hearing impairment. In Oxfordshire, 355 people registered blind and partially sighted are also deaf or hard of hearing (37).

9.6 Falls
Falls are more common, and are more likely to have serious outcomes, amongst older people. In some cases, falls can lead to serious medical problems and a range of adverse outcomes for health and wellbeing.

In Oxfordshire, it is estimated that:
2,690 people with sight loss aged over 65 experience a fall per year (38).
Of these falls, 1,270 are directly attributable to sight loss (38).
210 people aged over 65 with sight loss experience a severe fall per year (here, a severe fall is defined as a fall that results in hospital admission through A&E) (38).
Of these severe falls, 100 are directly attributable to sight loss (38).
Additional resources

RNIB Research and Knowledge Hub

Information on the latest research news and reports published by RNIB, as well as guides to impact measurement, blogs and other resources.

These resources can be accessed on the RNIB website: www.rnib.org.uk/research.

State of the Nation: Eye Health 2017

A summary report that provides the latest evidence on eye health across the UK. It supports strategic thinking to transform eye health and take steps to stop people losing their sight unnecessarily.

My Voice

Research into the views and experiences of over 1,200 registered blind and partially sighted people in the UK. My Voice covers a range of different topics, such as employment, transport and access to information and services. It is a key source in helping us understand the circumstances of blind and partially sighted people.

Sight Loss Data Tool

Sight Loss Data Tool is the UK’s biggest collection of eye health data. The Excel based tool shows users all of the local figures relating to sight loss and eye health to use as evidence in campaigns, fundraising and service development.

Evidence-based reviews

RNIB's Evidence-based reviews look in detail at the experiences of blind and partially sighted people in different age groups. They include a profile of the group, the policies that govern and impact upon their lives, and a commentary on what the evidence tells us. We publish reviews focusing on children and young people, people of working age and older people.

For further information or queries, please contact us at stats@rnib.org.uk.
References

Please see the “References and Further Information” document for full details on the evidence used in this report. A summary of the evidence is provided below.


2. Official subnational population projections and benchmarking tool.

3. 2011 Census ethnicity data and benchmarking tool.


5. 2011 Census data for ‘general health’.


Economics. Prevalences applied to subnational population projections.


20. NHS Digital (2017), Outpatients - Provider level analysis 2016-17, Table 8: Hospital provider attendances broken down by main specialty.

21. NHS Digital (2017), Hospital Admitted Patient Care Activity, 2016-17, Provider Level Analysis.


