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This is one of a series of five Oxfordshire Sector Profiles.

- Automotive and Motorsport
- Creative and Digital
- Electronics and Sensors
- Life Sciences
- Space Technologies

Please visit www.investinoxfordshire.com for more information.

Foreword



Nigel Tipple
 CEO Oxfordshire
 Local Enterprise
 Partnership

Oxfordshire is renowned across the globe for its academic excellence, innovative business culture and quality of the built and natural environment. We have Europe's largest concentration of multi-million pound science research facilities, underpinning our leading position in advanced engineering, manufacturing and life sciences, in addition to being at the heart of the UK's growing international space cluster.

With one of the strongest economies nationally driving a GVA output of £19.2bn annually, Oxfordshire is one of only three areas that positively contribute to the Exchequer.

World leading research and innovation sits at the heart of our success - the use and application of knowledge is a key feature – indeed the county was recently cited as the most innovative in the country.

Our success is driven by a number of distinctive features:

- Two leading universities - the University of Oxford is rated one of the best in the world and Oxford Brookes is one of the top performing modern universities nationally.
- We are home to an internationally significant group of large science and research facilities including Harwell Campus (home to the Rutherford Appleton Laboratory, Diamond Light Source and the gateway to the UK space sector – where the newly established European Space Agency sits alongside the Satellite Applications Catapult Centre) and the UK Atomic Energy Authority Culham Centre for Fusion Energy - home to the UK's national fusion research laboratory.
- The area is also home to globally recognised companies like MINI Plant Oxford, Oxfam, Oxford University Press, Siemens, Oxford Instruments and more.
- We have a highly skilled workforce; 49% are graduates and we have the lowest rate of residents with no qualifications and the lowest Jobseeker's Allowance claimant count nationally.

We are primed for investment with solid economic foundations and a strong ambition to create 85,000 new jobs by 2030. Our integrated approach, driving 'economic growth through innovation', presents government and business with a compelling case for investment.

Executive Summary

Home to one of the world's greatest Universities, Oxfordshire is at the heart of one of the largest and most successful life sciences clusters in Europe.

- **A track record in establishing and attracting world leading life sciences businesses.** The Oxfordshire cluster spans a whole range of life sciences enterprise including drug discovery and development, diagnostics, medical devices, digital health, precision medicine and regenerative medicine.
- **World leading research and teaching provide the ideas and talent to develop ground-breaking new technologies.** The University of Oxford is ranked No 1 in the world for life sciences and No 1 for clinical, pre-clinical and health sciences (Times Higher Education World University Rankings 2015-16).
- **Unequalled breadth, strength and depth in life sciences and medical research.** The various departments, institutes and research centres within the University show excellence across fundamental science and in every major therapeutic area.
- **A global powerhouse for clinical trials.** The University of Oxford Medical Sciences Division and the Oxford University Hospitals NHS Foundation Trust (OUH) run one of the biggest clinical trial portfolios in the UK, with over 150 ongoing studies currently registered. The University has six clinical trials units able to coordinate everything from small specialist studies to 30,000 patient multi-centre trials.
- **An exciting and highly successful array of university spin-outs.** Several of the region's fastest growing companies have grown out of the world leading research of Oxford University – a trend which offers significant collaborative opportunity for incoming businesses. Local investment firms include Woodford Investment Management and Oxford Sciences Innovation.
- **A magnet for investment.** Since 2014 Oxfordshire life science companies have raised more than \$1.5bn, including the landmark IPOs of Circassia Pharmaceuticals (LSE) and Adaptimmune (NASDAQ).
- **Fertile territory for life science partnerships, mergers and acquisitions.** Major global companies target Oxfordshire for high value deals. Recent partnerships include Novartis with Oxford Biomedica and Menarini with Oxford Biotherapeutics.



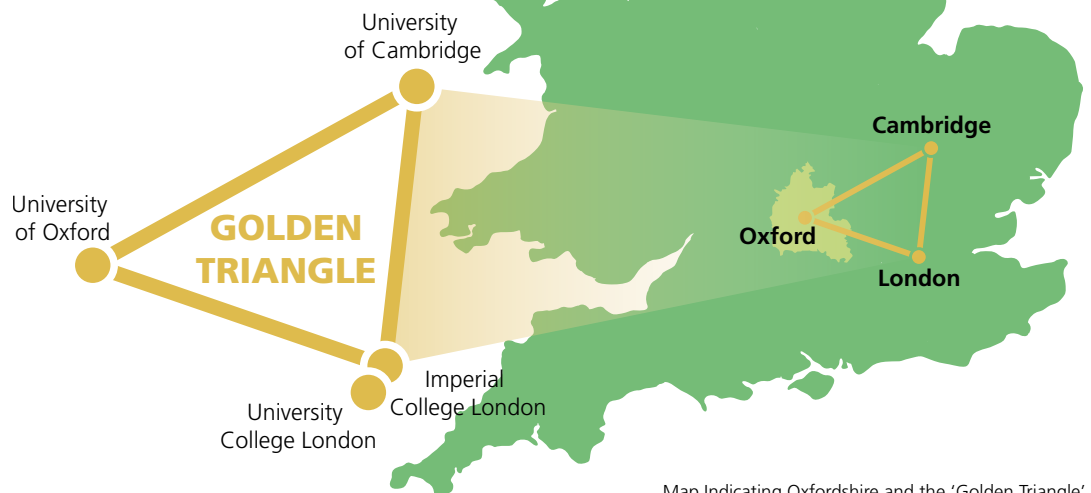
Courtesy of Diamond Light Source

- **Oxfordshire provides a wide range of cost effective commercial properties.** These range from incubator space, such as the new Oxford University BioEscalator, to laboratories and HQ office buildings.
- **An ideal location from which to access national and international clients and markets.** Frequent direct train services make London only 56 minutes away. Heathrow Airport is an hour's drive from Oxford.

Oxfordshire is a global destination for science, technology and innovation. Centred around the University of Oxford and Harwell Research Campus, the region has world class R&D facilities and an exceptional talent pool.

Introduction

- Oxfordshire is part of the UK's 'Golden Triangle'. This triangle is formed by the University of Oxford, the University of Cambridge, and the universities in London (including Imperial College London and University College London). The universities within the 'Golden Triangle' have a combined annual research income of over £1.4bn.
- Located midway between London and Birmingham Oxfordshire has excellent connectivity to the UK's motorway network including access to the M4 / M40 corridor and the M25, putting the rest of the country within easy reach. There is an average of five direct train services an hour to London from Oxford's main station (journey time of 56 minutes) and additional new services via Oxford Parkway. Heathrow Airport is just an hour's drive away and Birmingham International a similar distance.
- As well as life sciences, Oxfordshire has strengths in a number of other sectors including: electronics, automotive and Formula 1, digital, (including cyber security and Big Data) and space related technologies.
- Oxfordshire has a strong track record in attracting Foreign Direct Investment, with global companies including Sharp, Toshiba, BMW, Siemens, Lockheed Martin and Thales Alenia Space.
- Companies locating to Oxfordshire are supported by a collaborative base of partners. This includes industry networks, as well as outstanding research organisations including the University of Oxford and Oxford Brookes University.
- In addition to the Universities, Oxfordshire has world class scientific centres of excellence including the UK's national laboratory for fusion research, Culham Centre for Fusion Energy, and the UK's national synchrotron science facility, Diamond Light Source located on the Harwell Campus



Map Indicating Oxfordshire and the 'Golden Triangle'

Life Sciences

“Three of Europe’s nine newest billion-Euro Biotechs are based in the innovation engine that is Oxford”

Jon Rees, OBN

**OVER
25,000**



employed in human health activities (6% of the population)

The life sciences cluster in Oxfordshire is one of the largest and most successful in Europe.

- Oxfordshire is firmly established as one of the leading bio clusters in Europe with an estimated 180 companies in R&D and more than 150 companies in associated industries. Across the wider Thames Valley area there are an estimated 550 biotech, medtech and diagnostic companies.
- This is driven by exceptional scientific and research expertise. In Oxfordshire there are over 10,000 employed in scientific R&D and healthcare related manufacturing. The proportion in R&D is over four times the national average.
- An extensive healthcare sector to collaborate with and sell to, with over 25,900 employed in human health activities in Oxfordshire (6% of the population).

Oxfordshire is home to several global players in the Life Sciences industry such as Abbott Diabetes Care, Alere, Ipsen and Vertex.

- Other major international companies in the Thames Valley include Bayer, Daiichi-Sankyo, GE Healthcare, Janssen, UCB Pharma and Thermo-Fisher.
- There is a wealth of exciting innovative companies which have spun out of Oxford’s universities. These include Oxford Biomedica, Brainomix, Oxford Nanopore and Adaptimmune.

Number and Proportion of Employment, Sub-sectors

Selected Industries by Standard Industry Classification	Oxfordshire No.	Oxfordshire %	SE %	England %
Manufacture of basic pharmaceutical products/preparations	300	0.1	0.2	0.2
Scientific research and development	6,100	1.8	0.8	0.4
Other professional, scientific and technical activities	2,500	0.7	0.5	0.6
Manufacture of medical/dental instruments and supplies	1,600	0.5	0.2	0.1
Other research and experimental development on natural sciences and engineering	5,800	1.7	0.7	0.4
Technical testing and analysis	600	0.2	0.2	0.2
Engineering activities and related technical consultancy	7,100	2.1	1.3	1.2
Manufacture of instruments/appliances for measuring, testing and navigating	1,400	0.4	0.4	0.2



- Acquisitions and collaborations by larger organisations with smaller, tech led companies is a key trend in the industry so the presence of such a large number of exciting innovative firms in the life sciences space is seen as very attractive for potential foreign direct investors.

Drug Discovery and Development

- Therapeutics R&D forms the heart of Oxfordshire's life science industry and is supported by a group of world-class contract research and manufacturing organisations. International biopharma companies with a long-standing presence in the region include Amgen, Aptuit, Genzyme, Jazz Pharmaceuticals and Vertex.
- French pharma company Ipsen is due to open a 27,500 sq. ft. BioInnovation facility at Milton Park in early 2016. The newest incomer to the cluster is BerGenBio, a clinical stage oncology company from Norway.
- Key CROs and CMOs operating in Oxfordshire include Evotec, Aptuit, Aptiv Solutions (part of ICON), Eurofins, Ludger and Patheon.
- Oncology is a strong focus in Oxfordshire's life science companies, encompassing small-molecule, antibody (ADCs) and immunotherapy approaches. Adaptimmune and Immunocore, a pair of Oxford University spin-out companies working on T-cell responses to cancer, are rapidly scaling-up and have achieved billion dollar valuations in recent funding rounds.
- Circassia is a specialty biopharmaceutical company developing a range of novel allergy treatments. Established in 2006 and based at Oxford Science Park, the company completed a successful IPO on the London Stock Exchange in March 2014, raising £200m.
- Vertex Pharmaceuticals is a global US owned biotechnology company which aims to discover, develop and commercialize innovative new medicines for the treatment of multiple sclerosis and cancer. It established its first international R&D site at Milton Park in 1998.

Oxford BioMedica is a company specialising in the development and commercialisation of innovative gene-based medicines. It was established in 1995 as a spin-out from Oxford University. It has established platform technologies in gene delivery and immunotherapy which has many applications including in cancer treatment, Parkinson's disease and ophthalmology.

The company conducts cutting edge research and also has two manufacturing facilities in Oxford which produce its LentiVector® platform technology. Successful fund-raising and a recent £55m deal with Novartis AG has enabled the company to double its workforce to 200, as well as acquire a new HQ building and expand its manufacturing capacity.

The Medical Devices market is considered a 'safer bet' in terms of life sciences investment

Diagnostics

- Oxford has a long history of innovation in medical diagnostics, with Oxford University inventors playing vital roles in the development of Magnetic Resonance Imaging and electrochemical sensors for glucose monitoring.
- A global leader the glucose monitoring market - Abbott Diabetes Care - grew out of the acquisition of the Oxford University spin-out company Medisense. Abbott Diabetes now produces over two billion glucose test strips annually at its production facility in Witney, Oxfordshire. Scientists at the adjacent R&D site developed the sensor behind the new FreeStyle Libre flash monitoring system.
- Siemens Healthcare has a key manufacturing operation in Eynsham where it designs and manufactures the superconducting magnets for all Siemens magnetic resonance imaging (MRI) scanners worldwide. Adaptix Ltd is developing a flat panel x-ray source for low-dose low-cost CT imaging.

Brainomix Limited is developing automated medical imaging software for neurological and cerebrovascular disorders. The company is an exciting start-up hatched in the Software Incubator of Isis Innovation (Oxford University's technology transfer company).

Founded in 2010, its flagship product is the e-ASPECTS software. This automatically implements the Alberta Stroke Program Early CT Score (ASPECTS) clinical scoring methodology for detecting and assessing signs of stroke damage on computed tomography (CT) scans from patients with acute stroke. The software assists clinicians worldwide with the assessment of patient eligibility for life saving treatment.

During its development stage, Brainomix secured significant funding to assist in the further development of the software. This included over £910,000 from Innovate UK and £1.2m from the University of Oxford Isis Fund and other private investors. Following the successful award of the CE mark for their e-ASPECTS software in March 2015 the product has recently been launched across Europe and the company already has commitment from hospitals in the UK, Germany and Finland to use the new technology. They aim to secure approval in the USA by the end of 2016.

"From our base in Oxfordshire we're able to recruit high quality staff across specialised fields including clinicians, scientists, technologists and business professionals. This exceptional skills base ensures that we have the expertise necessary to remain at the forefront of our technology. Having access to Oxford University academic and commercial expertise and to a rich network of investors and business leaders in Oxford provides an ideal ecosystem for innovative start-up companies to grow."

Dr Michalis Papadakis CEO, Brainomix Limited

The University of Oxford's Institute for Biomedical Engineering has spun out 18 companies in the last seven years

Medical Devices

- Oxfordshire is the chosen location for a considerable number of medical device companies with operations across a range of R&D, sales and service, and manufacturing activities.
- Accentus Medical is an R&D company developing a surface-coating technology that reduces the risk of post-operative infection associated with orthopaedic implants. The company won the Best New UK Medtech Development Programme category at the OBN Awards 2015.
- OrganOx is a University of Oxford spin-out company that has developed a portable device for liver preservation during transplantation. The Metra device has achieved CE regulatory approval and is in clinical trials in Europe and North America.
- Becton Dickinson is a US owned global medical device company which has a major facility at Oxford Science Park. Employing 240 people across sales, marketing and technical support; Oxford is the European HQ for two of its largest business units. ~~has its European sales and service centre at Milton Park.~~
- Owen Mumford is another global player in the medical devices sector, specialising in self-injection and blood sampling devices. Headquartered in Woodstock and employing over 500 people, the company exports over 90% of its products. Other companies manufacturing in the region include Penlon and Ability Technology Group

Digital Health

- Oxfordshire has a well-established and growing group of innovative companies operating in digital health and developing a diverse range of technologies essential to it. This includes wireless communications, sensor hardware, signal processing software, mobile internet and Big Data analytics.
- Patient monitoring technologies are a key focus in the region. Isansys Lifecare is seeking to improve health outcomes by preventing deteriorations and adverse events through the use of its real-time wireless vital signs monitoring system. OBS Medical is a software company with a proprietary algorithm for synthesising vital information signs into a simple early-warning index for clinicians.
- Many of these companies are spin-outs. The Institute for Biomedical Engineering at the University of Oxford, led by Prof. Lionel Taressenko, has spun out 18 companies in the last seven years and many of these are in the area of digital health. Such tech-led companies are a key attraction for larger companies looking

World class genomics research capability can be found at the Wellcome Trust Centre for Human Genetics and the Molecular Diagnostics.

for collaborations.

- Tessella is an international analytics, software services and consulting company headquartered in Abingdon and with a presence in the US. It serves several industries including life sciences where it has significant expertise in complex analysis of health related data. The University of Oxford recently chose Tessella to create a new online platform to map infectious diseases worldwide.

Precision Medicine and Genomics

- The University of Oxford is at the forefront of global efforts to define, classify and understand disease at the molecular level. It is home to world-leading academic centres and institutes investigating genomic medicine and clinical genetics such as the Wellcome Trust Centre for Human Genetics, The Precision Cancer Medicine Institute and the Big Data Institute.
- The strength of this research - together with the exceptional data resource available from initiatives such as the Oxford Radcliffe Biobank, UK Biobank, 100,000 Genomes and Dementias Platform UK - is attracting intense interest from the biopharma and healthcare sectors, and has given rise to a number of prominent spin-out companies.
- Oxford Nanopore Technologies is developing portable devices for real-time molecular analysis and has launched a mobile phone-sized DNA sequencer - the MinION. This has been tested in the field in Africa, where it was used to track the recent Ebola outbreak, and will be the focus of a set of experiments on the International Space Station in March 2016.
- Oxford Gene Technology (OGT) provides genetics research solutions to leading clinical and academic research institutions. Founded by Professor Sir Edwin Southern, OGT has developed a class-leading product portfolio in molecular genetics and next-generation sequencing (NGS) sample preparation. The company has customers in over 60 countries.



Research & Development

THE UNIVERSITY OF OXFORD

The University of Oxford is ranked No.1



in the UK for its research power in the

Research Excellence Framework (REF) 2014

“We go from individual molecules to individual patients to whole populations, and we can do it all within 50 metres of each other. There’s nowhere else in the world that has this capability.”

Professor Sir John Bell.

- **The University of Oxford** is ranked No 1 in the world for life sciences and No 1 for clinical, pre-clinical and health sciences (Times Higher Education World University Rankings 2015-16).
- **The University’s Medical Sciences Division** is world leading and one of the largest in Europe. It receives more than 60% of the University’s total external research income and has 23 Nobel Prize winners in medicine and chemistry.
- The **Li Ka Shing Centre for Health Information and Discovery** is a newly founded research unit for up to 600 researchers, incorporating two related research institutes - The **Target Discovery Institute (TDI)** and the **Big Data Institute (BDI)**. The TDI works in partnership with industry to define and characterise better drug targets through the use of high throughput biology, including genomics, proteomics, small molecule screening, structural genomics and computational biology.
- A £110m **Precision Cancer Medicine Institute**, a development spurred by a £35m grant from the UK government will carry out research into a wide range of cancer therapies, including advanced cancer imaging, trials of new drugs, analysis of Big Data sets, minimally invasive surgery and proton beam therapy.
- The **Molecular Diagnostics Centre (MDC)** at the University houses a major molecular diagnostics programme which tests and evaluates a wide range of novel diagnostic tools; is the only lab in the UK capable of achieving high yields of whole genome sequencing from tumour samples.
- The **Institute of Biomedical Engineering**, part of the Department of Engineering Science is a world-class venue for biomedical engineering research and postgraduate research. The Institute’s core research missions are to develop novel medical devices and to translate new engineering technologies into clinical practice.
- The **Wellcome Trust Centre for Human Genetics (WTCHG)** is a research institute of the Nuffield Department of Medicine. It is based in purpose-built laboratories on the University of Oxford’s Biomedical Research Campus in Headington, one of the largest concentrations of biomedical expertise in the world.

OXFORD UNIVERSITY HOSPITALS NHS FOUNDATION TRUST

- **Oxford University Hospitals (OUH)** is a world renowned centre of clinical excellence and one of the largest NHS teaching trusts in the UK. The Trust is made up of four hospitals - the John Radcliffe Hospital, the Churchill Hospital and the Nuffield Orthopaedic Centre, all located in Oxford, and the Horton General Hospital in Banbury.
- The **NIHR Oxford Biomedical Research Centre** is a partnership between the University of Oxford and Oxford University Hospitals. It undertakes first-time studies of medical innovations in patients to improve the healthcare delivery for the benefit of all patients.

The number of medical research studies hosted by Oxford University Hospitals NHS Foundation Trust has increased 85% in five years.

- The **Medical Research Council Weatherall Institute of Molecular Medicine** located at the John Radcliffe Hospital is at the forefront of understanding the molecular origin of disease. Major topics of research include haematology, immunology, stem cell biology, oncology and inherited human genetic diseases.

OXFORD BROOKES UNIVERSITY

- **Oxford Brookes University** has a growing international reputation for research. The REF 2014 results rated that 94% of its research is internationally recognised. Oxford Brookes University has considerable expertise in research relating to biomedical imaging and instrumentation, in particular in Electrical Impedance Tomography (EIT).
- The **Brookes Microscopy Consultancy** offers a range of services in microscopy for industry with access to one of the most comprehensively equipped biological microscopy suites in the South of England.
- Following the success of spin-out ventures such as Oxford Expression Technologies, Oxford Brookes is investing in a **Bioinnovation Hub** to promote biotech entrepreneurship and industrial partnerships.

HARWELL CAMPUS

- **Harwell Campus** is a national R&D centre which houses over £1 billion of world-leading research infrastructure. It is also the location for over 150 research organisations and technology led businesses with facilities on-site with particular relevance to the life sciences industry.
- **MRC Harwell** is at the international forefront of the use of mouse genetics to study the relationship between genes and disease and is involved in various large scale projects in mouse genomics.
- **Diamond Light Source** at the National Synchrotron Science Facility is a research centre of global importance. This has several applications in the life sciences; in particular it enables a much more detailed understanding of drug structures and has application in the characterisation of materials for medical devices and drug delivery technologies.
- The UK's most powerful GPU-based supercomputer, **Emerald**, is located at Rutherford Appleton Laboratory which has many different applications, including bioinformatics and developing new tools for processing medical images.



Education and Skills

Higher Education and Further Education provision locally, ensures businesses can access a diverse range of skills, particularly within subjects of relevance to the life sciences industry.

- In 2010/11, there were a total of 3,000 1st and Higher Degree qualifiers in life sciences, medicine and associated science related subjects, representing an important source of new talent for companies.
- The Medical Sciences Division at Oxford University is an internationally recognized centre of excellence for biomedical and clinical research and teaching and is the largest of the four academic divisions within the University. Comprising 16 departments, it consists of over 4,800 academics, researchers and administrative staff, 1,400 graduate and 1,600 undergraduate students and 380 NHS clinicians and GPs.
- The Department of Engineering Science at Oxford is one of the largest unified engineering departments in the UK.
- Oxford Brookes University runs several relevant foundation and degree courses including Biomedical Science, Medical Science and Life Sciences Foundation. It also has a wide range of specialist nursing courses.

FE Colleges

- There are three FE Colleges in the locality - Banbury and Bicester College, City of Oxford College and Abingdon and Witney FE College. The latter offers a Life Sciences Foundation degree and a Medical Sciences extended Diploma.

No. of Qualifiers by Selected Broad Subjects, University of Oxford and Oxford Brookes University

Subject	1st Degree	Higher Degree (research)	Higher Degree (taught)
Medicine & Dentistry	310	120	30
Subjects allied to medicine	410	90	190
Engineering & Technology	300	85	110
Mathematical Science	235	50	105
Computer Science	125	25	150
Biological Science	450	100	115
Total	1,830	470	700

- The UTC Oxfordshire (ages 14-19) which opened in September 2015 has specialisms in science, including life sciences and engineering. Industry partners include Oxford Instruments and OBN.

Professional Development

- Business Executives can access world class Continuing Professional Development. The Saïd Business School is 10th in the world in the combined ranking of the Executive Education programmes compiled by the Financial Times (2015).

TOTAL ANNUAL



STUDENT Population of 43,000+ Students making it the youngest city in England and Wales

Population and Profile

With a considerable pool of highly qualified employees with professional and technical skills and expertise; Oxfordshire provides an ideal location for both medical manufacturing as well as R&D related operations.

- Situated within the UK's most densely populated region, the South East, Oxfordshire has a large population, estimated at nearly 700,000 (Mid Year Population Estimates, 2013). In addition, the Oxfordshire area has a Working Age Population of over 430,000. The Working Age Population of the wider region is over 5.5 million.
- Over 192,000 (49%) of the resident Working Age Population are qualified to NVQ level 4 (diploma level) and above, which is over 13% higher than the UK proportion (36%) and 10% higher than the proportion for the South East (39.1%), indicating the presence of a considerable pool of highly educated employees.
- In addition to the high availability of employees in professional occupations Oxfordshire also has 55,200 (16%) of its employee base working in associate professional and technical occupations, which is over 2.2% higher than the UK proportion (14%).

49%



of the resident **Working Age Population** are qualified to degree level and above which is over **13%** higher than the UK proportion



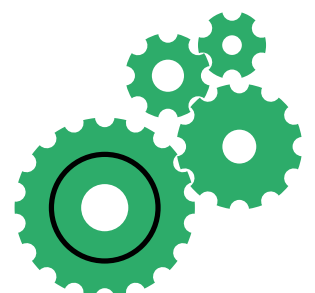
Oxfordshire has **110,000 PEOPLE EMPLOYED** in professional occupations

Almost 11% higher than the UK proportion.

Economic Activity Rate (16-64), ONS 2014

	Oxfordshire No.	Oxfordshire %	England %
Economic activity rate - aged 16-64	344,100	81.1	78.3

Source: Midyear Population Estimates, ONS



Sites and Premises

Oxfordshire can offer a wide range of cost effective commercial properties, as well as sites for Design and Build; including a 92 hectare Enterprise Zone.

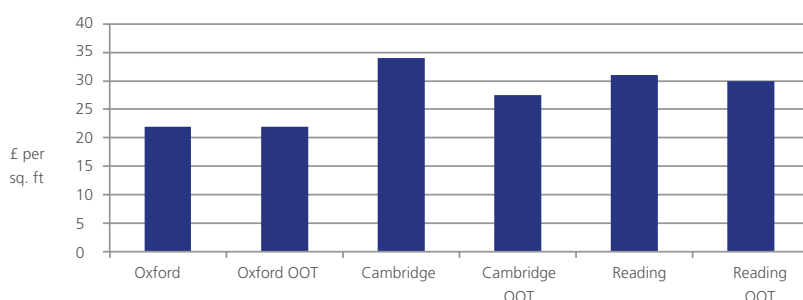
£22.00
per sq. ft.
AVERAGE
Grade A
office rental



- 35 %
lower when
compared to
Cambridge

- Oxfordshire has a range of high quality commercial, business parks and science parks as well as serviced offices. The average office rental per sq. ft. (Grade A) is £22.00 for both Oxford City Centre and for Out of Town (OOT) locations. The average rental per sq. ft is considerably less compared to other locations. It is 35% less than Cambridge and 29% less than Reading. The average rental for industrial space (based on 10,000 sq. ft.) is £8.00 per sq. ft. in Oxford and £7.00 per sq. ft in Banbury, whereas in other locations such as Reading the average industrial rental is £9.00 per sq. ft.
- Life science companies in Oxfordshire benefit from proximity to both leading University research institutes and a broad spectrum of innovative, high tech bioscience companies. Four new innovation centres are being built, including two in Oxford: the Oxford BioEscalator and the Begbroke Accelerator and one each at Harwell and Culham. The Oxford BioEscalator will focus on nurturing new bioscience companies.
- Science parks include Oxford Science Park and Begbroke Science Park. The latter houses the mathematics, physics and life sciences faculties of the University of Oxford. It also has a number of facilities available to businesses such as cleanrooms.
- Banbury, to the north of Oxford, has two business parks (Banbury Business Park and Central M40) located close to Junction 11 of the M40. These provide new and existing space from 10,000 sq ft, as well as design and build opportunities.
- The Science Vale Oxford Enterprise Zone is a 92 hectare site to the south of Oxford that comprises part of Harwell Oxford and MEPC Milton Park. The latter is a science and business park in Abingdon which provides office, laboratory space and light industrial premises. The success of the park has led to further expansion, with up to 370,000 sq. ft. (34,374 sq. m.) of new, high quality commercial office and research space to be developed. In addition, Harwell Oxford is also an expanding site, with 470,000 sq. ft. (43,664 sq. m.) of new commercial space planned for further development.

Average Grade A Office Rentals, Collier International, 2014



- The Enterprise Zone can potentially offer occupiers a number of benefits including a business rate discount worth up to £275,000 over five years, as well as, support for superfast broadband.

Connectivity

Oxfordshire has outstanding transport infrastructure; with excellent motorway and railway access to the UK's main cities – London is just one hour 30 minutes drive away.



Distances and Drive Times from Locations in Oxfordshire to Selected Cities

Location	Oxford	Banbury
Birmingham	80 miles 129 km 1hr 50mins	52 miles 83 km 1hr 5min
Cambridge	106 miles 107 km 2hr 30 mins	86 miles 138 km 2 hr 10mins
London	60 miles 97 km 1hr 30mins	78 miles 126 km 2hr 10mins
Manchester	161 miles 259 km 3hr 30mins	135 miles 217 km 2hr 50mins
Bristol	85 miles 137 km 1hr 50mins	79 miles 127 km 2hr

From Oxfordshire, key UK cities are easily and efficiently accessible by motorway: London and Birmingham in one hour and 30 minutes and Manchester in under three hours.



Oxfordshire is within quick and easy access to key UK international airports; Heathrow and Birmingham are accessible by road in one hour and Gatwick in two hours.

With its excellent motorway, rail and airport links, Oxfordshire is an ideal location from which to access national and international clients and markets

Superfast Broadband

Businesses based in Oxfordshire can benefit from access to superfast broadband, with over 90% of Oxfordshire able to access broadband at a minimum of 24Mb/s. SuperConnected Oxford is a programme to enable superfast broadband access for everyone and everywhere in Oxford. Wifi Hotspots are being created as part of an extensive Wifi zone around the city.

Distances from locations in Oxfordshire to Selected Airports

Airport	Oxford	Banbury
Heathrow	47 miles 76 km 1hr	65 miles 105 km 2hrs
Gatwick	85 miles 136 km 2hrs	102 miles 164 km 2hrs 30mins
Birmingham	66 miles 106 km 1hr 30mins	40 miles 64 km 1hr





Business Support

Invest in Oxfordshire is a comprehensive service to support companies in establishing their operations locally

Invest in Oxfordshire provides a comprehensive package of support to assist companies in establishing their new operation in the area:

- Co-ordination and identification of commercial premises and property viewings
- Facilitation of introductions to the University of Oxford and Oxford Brookes University
- Introduction to other research facilities, including the Science & Technology Facilities Council and Rutherford Appleton Laboratory
- Connecting businesses with professional service providers, signposting to business support organisations such as Oxfordshire Business Support and sector specific networks as well as Network Navigators
- Assistance in recruitment of new staff, including graduate recruitment, as well as training support including apprenticeships
- Support in the relocation of employees and their families moving into the area
- Provision of ongoing aftercare to Oxfordshire companies

There is a wide range of support for life science companies. This includes amongst others the following:

- **Oxford AHSN** can provide considerable support for life sciences companies needing to navigate the clinical trial and research expertise on offer.
- **OBN** is a membership organisation which supports and brings together the UK's emerging life sciences companies, corporate partners and investors running regular partnering, purchasing, investment, collaboration and networking events.
- The industry is also supported by **Digital Health Oxford, Oxford Biotech** and **Isis Innovation**. Isis Innovation is a wholly-owned subsidiary of the University of Oxford and it manages technology transfer and academic consulting.
- Oxfordshire has a comprehensive support network with access to **over 70 investment and enterprise networks** which between them provide access to the best Angel investor networks in the country; organisations such as OBN can help broker such opportunities with inward investors.
- Woodford Investment Management, located at Oxford Business Park, runs the \$1.25bn science and technology focussed **Patient Capital Trust**. Oxford Sciences Innovation recently raised \$500m to invest in IP-driven companies emerging from Oxford University.

For more information contact:



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🐦 @InvestInOxon

Our Priorities



people

Deliver and attract specialist and flexible skills at all levels, across all sectors, as required by our businesses, with full, inclusive employment and fulfilling jobs.



place

Provide the quality environment and choice of homes needed to support growth and capitalise upon the exceptional quality of life, vibrant economy and the dynamic urban and rural communities of our county.



enterprise

Encourage innovation led growth, underpinned by Oxfordshire's strengths in University research and development, business collaboration and supply chain potential.



connectivity

Allow people to move freely, connect easily and provide the services, environment and facilities needed by a dynamic, growing and dispersed economy.

If you require this document in any other format, please contact info@oxfordshirelep.com.



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