A LABOUR MARKET ANALYSIS OF LIFE SCIENCES IN THAMES VALLEY BERKSHIRE

Life sciences play a major role in the Berkshire economy. The county is home to over 19,000 life science jobs and multi-national companies including Johnson & Johnson and Lonza.

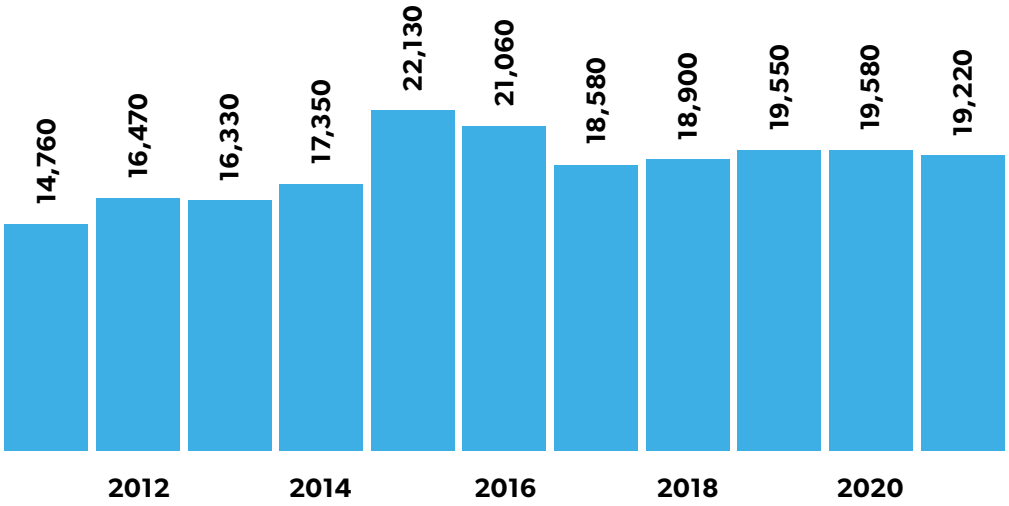
There are 19,220 life science jobs in Berkshire today, representing 3.7% of all jobs in the county. Demand for these jobs has remained strong in recent years, with job vacancy volume recovering quickly after a slight dip during the first Covid-19 lockdown.

Locally, major life science employers include UCB, Johnson and Johnson, Sanofi and Lonza, who require workers from multiple occupations to operate effectively. There is evidence of existing need for workers in areas such as biological science and biochemistry, with specialist skills including clinical research, biotechnology and oncology also being demanded by employers.

Projections indicate significant future demand from life science employers for workers in multiple occupations between 2021 and 2030. These occupations include physical scientists, chemical scientists, laboratory technicians and research and development managers. The further education and apprenticeship systems will play an important role in meeting this demand by providing a steady stream of people with the right skills. ◆

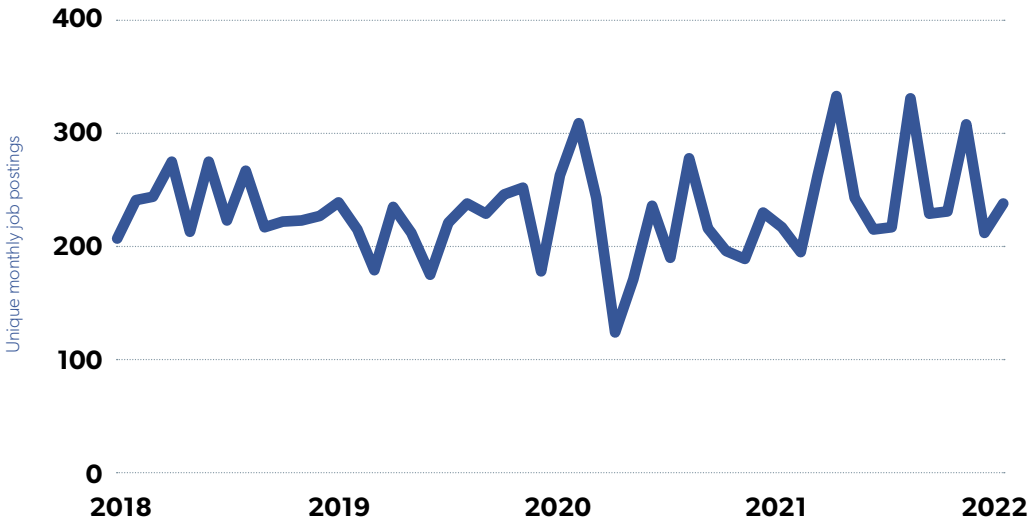
All the data on this graphic is for Thames Valley Berkshire LEP region only.

Life Sciences jobs



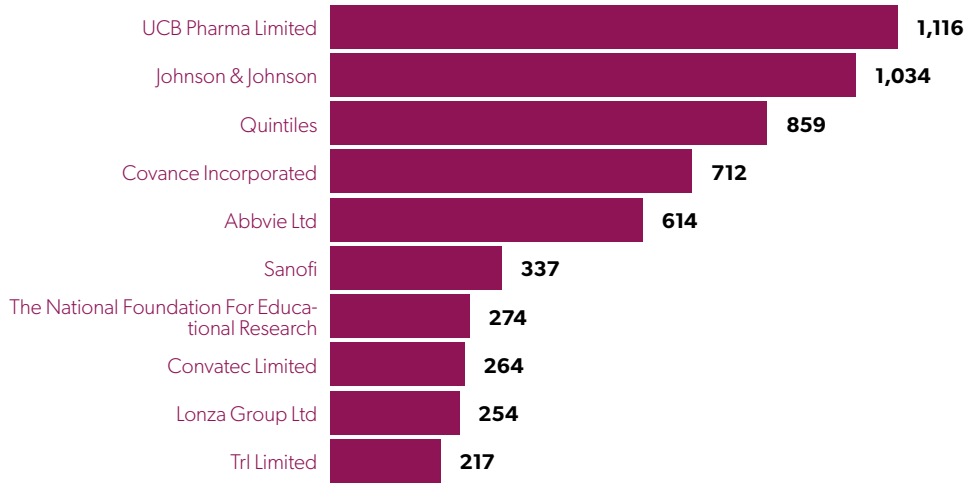
Data: Emsi Burning Glass 2022.1

Life Sciences monthly job postings



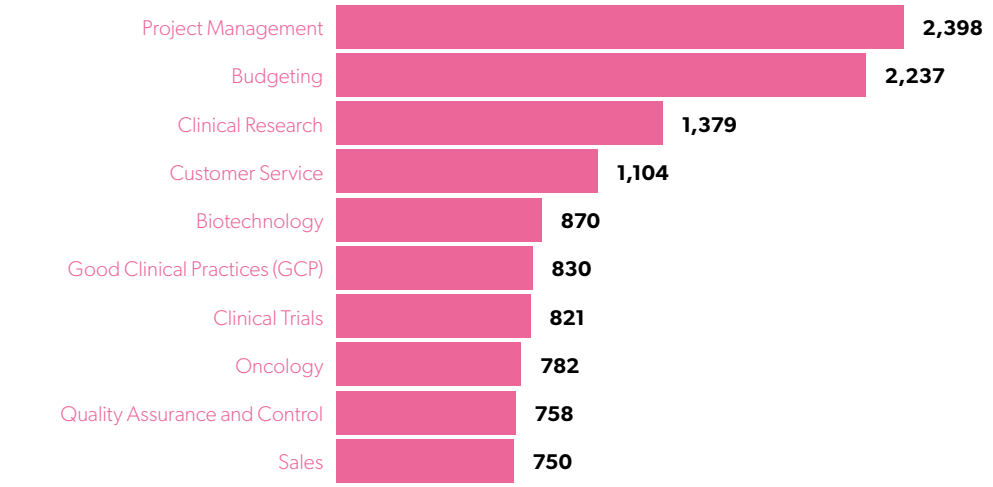
Data: Emsi Burning Glass Job Posting Analytics

Top 10 Life Sciences employers looking to hire since jan 2018



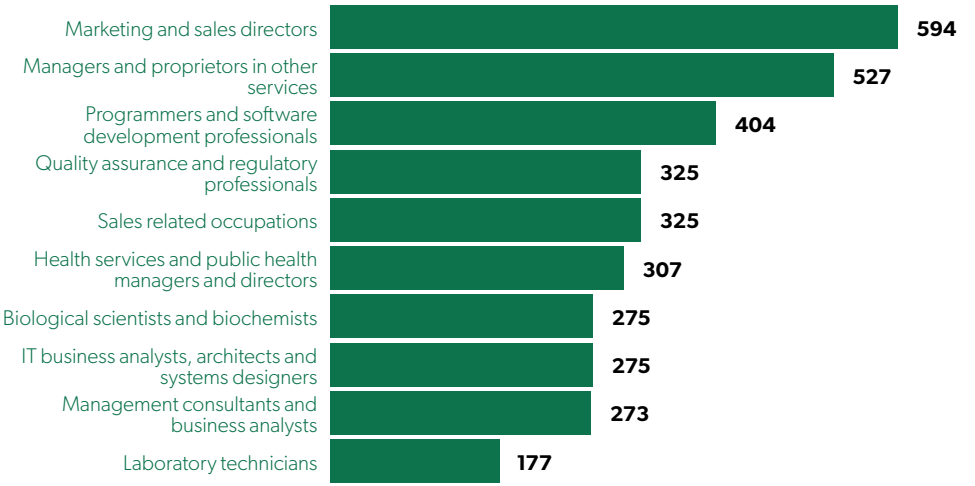
Data: Emsi Burning Glass Job Posting Analytics

Top 10 Life Sciences specialised skills in postings since jan 2018



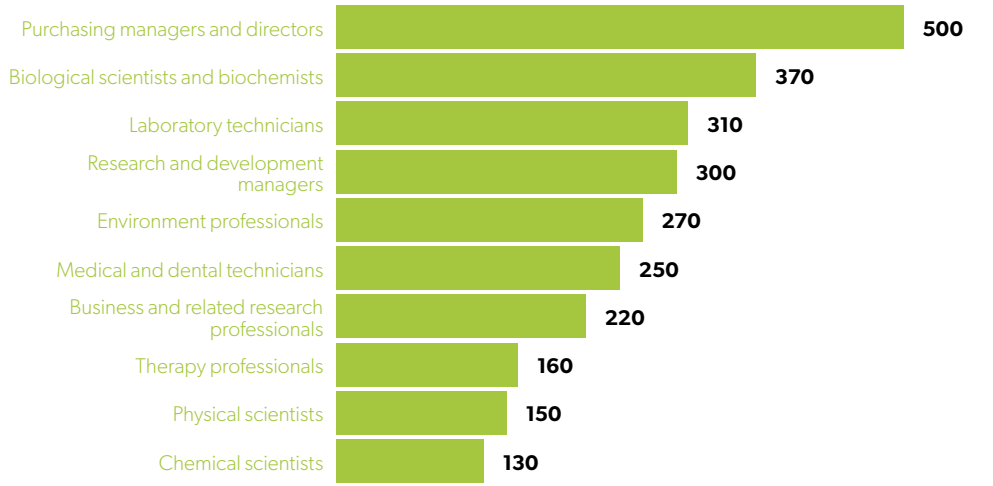
Data: Emsi Burning Glass Job Posting Analytics

Top 10 Life Sciences occupations in postings since jan 2018



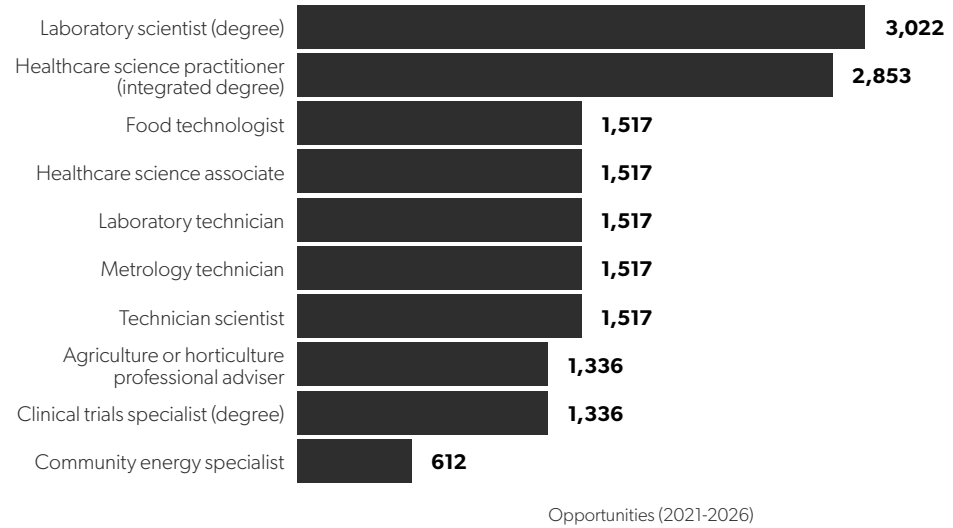
Data: Emsi Burning Glass Job Posting Analytics

Top 10 Life Sciences job openings



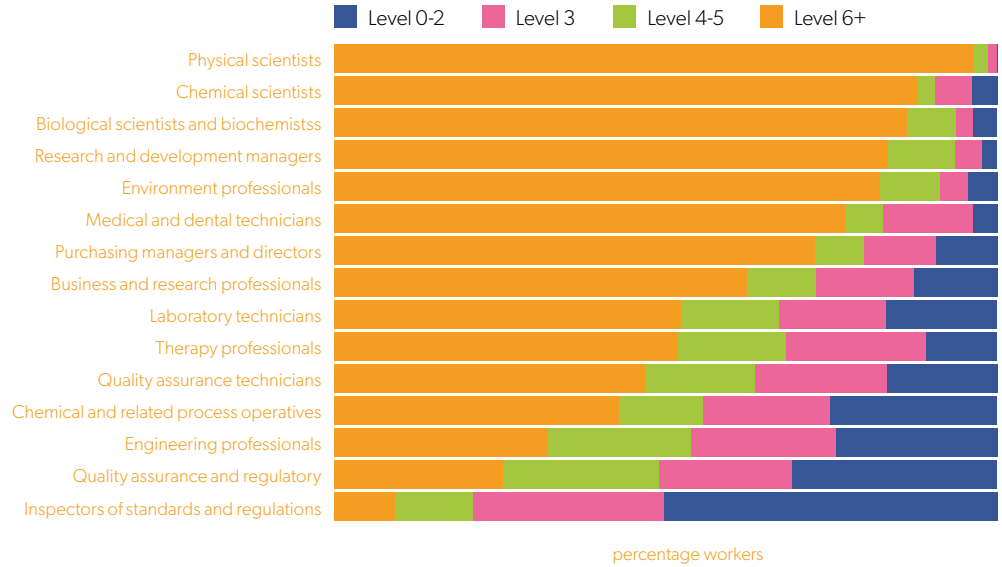
Data: Emsi Burning Glass 2022.1

Top 10 Life Sciences apprenticeship delivery opportunities



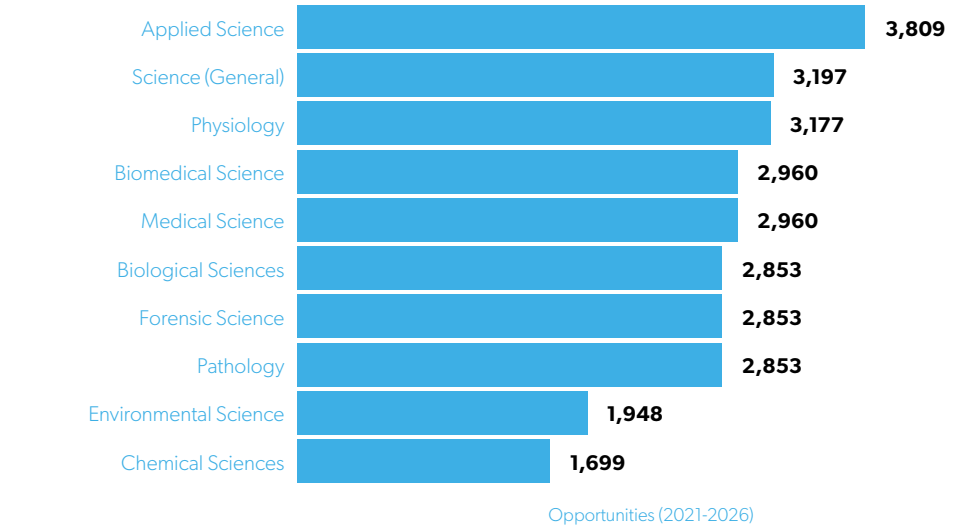
Data: Emsi Burning Glass 2022.1

Life Sciences occupations qualification level



Data: ONS Labour Force Survey

Top 10 Life Sciences further education delivery opportunities



Data: Emsi Burning Glass 2022.1

GUIDANCE NOTES

The apprenticeship and further education delivery charts highlight where there are opportunities to increase the delivery of courses in certain subject sector areas (SSAs) and apprenticeship standards over the period from 2021 to 2026. Specifics on the potential scale of increases are not included as the methodology used to generate the charts factors in the capability of learners on different courses to enter one occupation, introducing some overlaps in the scale of opportunity. Therefore, the charts should be interpreted as indicators of potential and not of what exactly needs to be delivered.

Both delivery opportunity charts should also be interpreted within the context of the qualification level profile chart. This chart shows the qualification level profile of the most concentrated occupations within the sector, enabling for observations to be made about what level of qualification an SSA or apprenticeship standard could be delivered by assuming links between the occupations and opportunities shown on the other two charts.

More detailed information on how future labour demand and supply may change opportunities for apprenticeship and further education delivery is available elsewhere through software tools such as Emsi Burning Glass Analyst. ◆