

Specialisation (TTWA)

Source: BRES (2011)

Specialisation	Employees	LQ
Other human health activities	3,600	2.1
Manufacture of medical and dental instruments and supplies	700	3.3
Hospital activities	7,500	1.1
Residential care activities for elderly and disabled	2,300	1.9

NB Location Quotient (LQ) compares share of employment in Plymouth TTWA to the GB average. Figures above suggest specialisation in the local economy.

Skilled Occupations

Source: NOMIS (2011)

Occupation	Plymouth City		LQ
	Employees	%	
Health Professionals	7,300	5.2	1.2
Health and Social Care Associate Professions	2,500	1.8	1.2
Caring Personal Service Occupations	12,200	8.7	1.2

› Plymouth Hospitals NHS Trust

- › The largest hospital trust in the South West peninsula
- › Became a designated Major Trauma Centre in April 2012
- › A teaching trust in partnership with the Peninsula Medical School
- › Integrated Ministry of Defence Hospital Unit which has a staff of approximately 220 military personnel
- › An 'Exemplar Centre' for venous thromboembolism prevention by the Department of Health, making the Trust the first Exemplar Centre in the peninsula and one of only 14 in England
- › Offers general hospital services to around 450,000 people in Plymouth, North and East Cornwall and South and West Devon
- › A specialist centre for neurosurgery, cardiac and renal surgery, upper GI cancer surgery and neonatal intensive care
- › Committed to achieve Foundation Trust status before 1 April 2014

Specialist Companies

BD (Becton Dickinson)	Knight Scientific Ltd
Cardio Analytics	Algram Group
Advanced Control Research Ltd	Advanced Medical Solutions Ltd
BioVault	K2 Medical Systems (K2MS)
Hyperbaric Medical Centre	Squirrel Medical

The Diving Diseases Research Centre (DDRC)

- › A registered UK Charity that specialises in hyperbaric oxygen therapy for the treatment of medical emergencies including decompression illness, carbon monoxide poisoning, and soft tissue infections such as necrotising fasciitis and gas gangrene
- › DDRC also specialises in the treatment of non-healing and problem wounds such as diabetic foot ulcers and the treatment of healing issues in cancer patients who have undergone radiotherapy
- › The Professional Services team offer one of the best training packages available with courses for commercial and recreational divers, hyperbaric chamber staff and diving hyperbaric physicians, which are all taught by industry experts
- › The Research team actively carries out research into how hyperbaric oxygen therapy works and the benefits
- › Research is conducted as collaborative efforts with national and international research partners which include universities, medical schools, hyperbaric centres and healthcare professionals



Plymouth University

- › A major £25 million investment in medical and health research
- › Creation of a new Institute of Translation and Stratified Medicine to ensure patients benefit from world-class research findings through tailored treatment plans
- › Immediate recruitment of more than 20 leading senior clinical and non-clinical researchers
- › A rolling PhD programme and seed funding for national and international collaborative research projects
- › Plymouth's flagship, multi-million pound John Bull Building is the headquarters for the Plymouth University Peninsula Schools of Medicine and Dentistry and with further investment planned for new state-of-the-art clinical skills and research laboratories

Plymouth University Peninsula Schools of Medicine and Dentistry

- › Opens start of the 2013 academic year
- › Work in partnership with the University and NHS to provide contemporary, patient-centred and integrated undergraduate medical and dental degree programmes
- › Pedagogic research from within the school around the world has informed the development and continued evolution of innovative curricula to produce excellent graduates that meet the health and social care needs of the 21st century
- › Excellent national and international reputation for groundbreaking research in the areas of diabetes and obesity, neurological disease, child development and ageing, health and the environment and health technology assessment

Plymouth University Faculty of Health, Education and Society

- › The largest provider of nurse, midwifery, social work and health professional education and training in the South West
- › Offering degree courses in biomedical science, nutrition, exercise and health and healthcare science that are accredited by professional bodies and provide exciting opportunities for careers in research, industry, healthcare, the NHS, medicine and dentistry
- › Conduct research in areas such as ageing, applied health genetics, dietetics and health, and parenting and child welfare

The Peninsula Radiology Academy

- › The only purpose-built facility of its type in the world
- › Since this bespoke facility has been created with this specific purpose of radiology training it provides a truly outstanding environment within which to learn
- › It has been designed from scratch, blending established traditional small group teaching methods with state-of-the-art electronic and simulator technology
- › Radiology Academy vision and mission statement:
 - To create an environment that enhances and challenges the learning experience; inspires and encourages high expectations and provides the guidance and dedication to achieve the best quality multi-professional training within the South West Peninsula

Plymouth University Biomedical Science Group

- › The Biomedical Science (BMS) Group is an interdisciplinary team concerned with Biomedicine & Human Biosciences and Applied Biology
- › Much of the research activity sits within 3 different research centres:
 - Centre for Research in Translational Biomedicine (CRTB)
 - Ecotoxicology Research & Innovation Centre (ERIC)
 - Food, Nutrition and Health

South West Biomedical iNet

- › A service for businesses looking to transform ideas into new products and services
- › The South West Biomedical iNet (innovation network) is a £2.2 million European Project that serves the biomedical sector, where the sector is defined to cover biotechnology, pharmaceutical and medical technology, food and health technology
- › The iNet covers the South West counties of Gloucestershire, Wiltshire, Somerset, Dorset and Devon and is funded through European ERDF Competitiveness Funding
- › The South West is recognised as having considerable strength within the sector, particularly within higher education and research organisations
- › The iNet harnesses these strengths to benefit both new and existing businesses, leading to business growth and job creation

Growth Acceleration Investment Network

- › To accelerate growth and investment in high quality businesses and ideas to create wealth and jobs in the South West peninsula
- › Builds upon and adds value to the existing range of business services, assets and facilities by joining them all up, making them focused and accessible
- › Providing access to new business and growth opportunities, finance and investment, and world class knowledge and research facilities and equipment
- › Reduce risk and maximise growth by finding the best businesses and ideas and helping the businesses to become investment-ready

Tamar Science Park

- › A total business environment; embracing opportunities to be visionary, nurturing innovation, and enriching the community
- › Host to more than 80 businesses employing circa 650 people turning-over circa £95m
- › Through strong links with Plymouth University and Derriford Hospital, Tamar Science Park is also home to many spin-out companies on the Park

Plymouth International Medical and Technology Park

- › Located in close physical proximity to Tamar Science Park, offers business space for offices, technology, research and development, healthcare and medical related businesses
- › The park residents include one of only three new radiology academies in the UK and a new 44-bed Peninsula NHS Treatment Centre for orthopaedic treatment and rehabilitation



Plymouth is emerging as a hot spot for innovation in healthcare – a rapidly developing medical base with a mix of activity from teaching to medical engineering, medical informatics and bio-marine science.

Sector Overview

The provision of health services by public and private sectors, together with the manufacture and distribution of pharmaceutical products, medical and surgical equipment and medical research.

Total employment (2011)

› Medical and Healthcare: 12,000
(11% of city total, increasing to 13,300 in TTWA)

Economic contribution (2009)

› Approx. Medical and Healthcare GVA: £300m
(7.8% of economy)

Plymouth Overview

- › Population (2011) 256,400
- › Employees (2011) 102,600 (139,100 TTWA)
- › Gross Value Added (2011) £4,327m
- › Businesses (2011) 5,870

Median gross weekly wage (2012)

- › Plymouth £454.4
- › UK £505.9

› Take Action

To find out more information about what Plymouth offers the medical and healthcare sector, or to discuss how our business support service can help meet your business needs, please contact:

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