

Relative trends for each Research Area: 2011 - 2015

- This table excludes information on training grants and the following Research Area: Other.

RESEARCH AREA	ASPIRE CATEGORY	PROPORTION OF EPSRC PORTFOLIO ON 01 APRIL 2011	PROPORTION OF EPSRC PORTFOLIO ON 01 APRIL 2012	PROPORTION OF EPSRC PORTFOLIO ON 01 APRIL 2013	PROPORTION OF EPSRC PORTFOLIO ON 01 APRIL 2014	PROPORTION OF EPSRC PORTFOLIO ON 01 APRIL 2015
Algebra	Maintain	0.43%	0.47%	0.45%	0.49%	0.36%
Analytical Science	Maintain	1.81%	1.70%	1.71%	1.89%	1.49%
Antihydrogen	Maintain	0.14%	0.21%	0.23%	0.18%	0.15%
Architecture and Operating Systems	Maintain	0.38%	0.44%	0.60%	0.56%	0.55%
Artificial Intelligence Technologies	Maintain	1.07%	1.19%	1.21%	1.16%	1.13%
Assistive Technology, Rehabilitation and Musculoskeletal Biomechanics	Maintain	0.97%	0.96%	1.06%	1.07%	1.10%
Bioenergy	Maintain	0.70%	0.60%	0.43%	0.59%	0.63%
Biological Informatics	Reduce	0.19%	0.20%	0.20%	0.15%	0.16%
Biomaterials and Tissue Engineering	Maintain	1.78%	1.57%	1.45%	1.53%	1.39%
Biophysics and Soft Matter Physics	Maintain	0.90%	1.16%	0.87%	0.81%	0.79%
Built Environment	Maintain	2.15%	1.37%	1.18%	0.86%	0.64%
Carbon Capture and Storage	Maintain	0.80%	1.43%	1.45%	1.10%	0.95%
Catalysis	Grow	0.88%	1.01%	1.69%	1.69%	1.59%
Chemical Biology and Biological Chemistry	Maintain	1.56%	1.43%	1.04%	0.87%	0.66%
Chemical Reaction Dynamics and Mechanisms	Maintain	0.93%	1.05%	1.11%	1.06%	0.99%

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Chemical Structure	Maintain	1.21%	1.18%	1.12%	1.07%	0.95%
Clinical Technologies (excluding imaging)	Maintain	1.66%	1.67%	1.66%	1.93%	1.84%
CMOS Device Technology	Reduce	0.30%	0.23%	0.12%	0.09%	0.07%
Coastal and Waterway Engineering	Maintain	0.61%	0.41%	0.48%	0.49%	0.46%
Cold Atoms and Molecules	Reduce	1.09%	1.13%	0.76%	0.70%	0.52%
Complex Fluids & Rheology	Maintain	0.66%	0.53%	0.66%	0.59%	0.54%
Complexity Science	Maintain	0.83%	0.86%	0.89%	0.80%	0.75%
Computational & Theoretical Chemistry	Maintain	0.78%	0.84%	0.92%	0.95%	0.80%
Condensed Matter: Electronic Structure	Maintain	1.22%	1.30%	1.19%	1.06%	1.14%
Condensed Matter: Magnetism and Magnetic Materials	Maintain	1.03%	1.15%	0.86%	0.90%	0.87%
Continuum Mechanics	Maintain	0.34%	0.34%	0.33%	0.34%	0.28%
Control Engineering	Maintain	0.57%	0.62%	0.58%	0.62%	0.44%
Conventional Generation & Combustion	Reduce	0.95%	0.92%	0.67%	0.50%	0.60%
Databases	Maintain	0.10%	0.10%	0.12%	0.11%	0.20%
Digital Signal Processing	Grow	0.29%	0.28%	0.61%	0.66%	0.76%
Displays	Maintain	0.12%	0.11%	0.07%	0.05%	0.05%
Electrical Motors and Drive / Electromagnetics	Grow	0.26%	0.19%	0.29%	0.32%	0.31%
Electrochemical Sciences	Maintain	0.23%	0.32%	0.36%	0.35%	0.32%

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Energy Efficiency (End Use Energy Demand)	Grow	1.09%	1.60%	2.77%	2.61%	2.66%
Energy Networks	Maintain	1.78%	1.53%	2.08%	1.97%	1.88%
Energy Storage	Grow	0.27%	0.60%	0.69%	0.99%	0.97%
Engineering Approaches to Manufacturing Operations	Reduce	1.01%	0.40%	0.59%	0.60%	0.57%
Engineering Design	Maintain	1.63%	0.83%	0.85%	0.72%	0.74%
Fluid Dynamics and Aerodynamics	Maintain	1.28%	1.31%	1.24%	1.76%	1.59%
Fuel Cell Technology	Maintain	0.80%	0.78%	0.80%	0.60%	0.57%
Functional Ceramics and Inorganics	Maintain	1.30%	1.35%	1.47%	1.56%	1.35%
Geometry and Topology	Maintain	0.56%	0.57%	0.59%	0.57%	0.59%
Graphene and Carbon Nanotechnology	Maintain	0.70%	0.70%	0.90%	0.93%	0.60%
Graphics and Visualisation	Maintain	0.21%	0.21%	0.30%	0.24%	0.25%
Ground Engineering	Maintain	0.59%	0.61%	0.73%	0.59%	0.56%
Human Communication in ICT	Maintain	0.25%	0.19%	0.23%	0.16%	0.16%
Human-Computer Interaction	Maintain	2.42%	2.53%	2.32%	2.16%	2.03%
Hydrogen and Alternative Energy Vectors	Reduce	0.62%	0.76%	0.35%	0.39%	0.38%
ICT Networks and Distributed Systems	Maintain	1.03%	1.10%	1.19%	1.25%	1.23%
Image and Vision Computing	Maintain	0.66%	0.44%	0.65%	0.73%	0.76%
Information Systems	Maintain	1.70%	1.66%	1.86%	1.79%	1.90%

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Light Matter Interaction and Optical Phenomena	Maintain	0.50%	0.62%	0.47%	0.50%	0.53%
Logic and Combinatorics	Maintain	0.28%	0.26%	0.28%	0.21%	0.19%
Manufacturing Technologies	Maintain	2.26%	1.26%	2.23%	3.13%	4.00%
Marine Wave and Tidal	Maintain	0.36%	0.52%	0.58%	0.63%	0.68%
Materials Engineering - Ceramics	Reduce	0.43%	0.36%	0.29%	0.15%	0.13%
Materials Engineering - Composites	Maintain	1.16%	1.00%	1.04%	1.11%	1.06%
Materials Engineering - Metals and Alloys	Maintain	1.47%	1.44%	1.34%	1.54%	1.36%
Materials For Energy Applications	Maintain	1.31%	1.13%	1.19%	1.16%	1.03%
Mathematical Analysis	Maintain	0.71%	0.77%	0.76%	0.59%	0.50%
Mathematical Aspects of Operational Research	Maintain	0.44%	0.38%	0.38%	0.26%	0.19%
Mathematical Physics	Reduce	0.44%	0.43%	0.42%	0.28%	0.26%
Maths of Computing	Maintain	0.63%	0.60%	0.53%	0.40%	0.29%
Medical Imaging (inc. medical image and vision computing)	Maintain	2.81%	2.60%	2.51%	2.54%	2.57%
Microelectronics Design	Maintain	0.89%	0.81%	0.87%	0.86%	0.61%
Microsystems	Grow	0.35%	0.28%	0.32%	0.33%	0.33%
Mobile Computing	Reduce	0.69%	0.67%	0.46%	0.35%	0.15%
Music and Acoustic Technology	Maintain	0.11%	0.11%	0.10%	0.17%	0.28%
Natural Language Processing	Maintain	0.20%	0.25%	0.20%	0.20%	0.19%
Non CMOS Device Technology	Maintain	0.96%	0.99%	1.21%	1.28%	0.92%
Non-Linear Systems	Maintain	0.42%	0.43%	0.49%	0.48%	0.41%

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Nuclear Fission	Maintain	1.58%	1.76%	1.66%	2.01%	1.82%
Number Theory	Maintain	0.26%	0.31%	0.33%	0.35%	0.34%
Numerical Analysis	Maintain	0.60%	0.57%	0.57%	0.47%	0.42%
Optical Communications	Maintain	0.64%	0.93%	0.87%	0.96%	1.03%
Optical Devices and Subsystems	Maintain	1.11%	1.06%	0.97%	0.98%	0.95%
Optoelectronic Devices and Circuits	Maintain	2.03%	2.41%	2.24%	2.25%	2.14%
Particle Technology	Maintain	0.38%	0.31%	0.26%	0.25%	0.27%
Performance and Inspection of Mechanical Structures and Systems	Maintain	2.01%	1.92%	1.59%	1.37%	1.42%
Pervasive and Ubiquitous Computing	Maintain	0.00%	0.00%	0.01%	0.06%	0.16%
Photonic Materials and Metamaterials	Grow	1.31%	1.62%	1.55%	1.65%	1.97%
Plasma and Lasers	Maintain	1.58%	1.49%	1.11%	0.97%	0.96%
Plasmonics	Maintain	0.19%	0.37%	0.33%	0.27%	0.39%
Polymer Materials	Maintain	1.19%	1.26%	1.02%	1.15%	1.09%
Process Systems: Components and Integration	Maintain	1.65%	1.49%	1.84%	1.72%	1.67%
Programming Languages and Compilers	Grow	0.31%	0.31%	0.45%	0.58%	0.56%
Quantum Devices, Components and Systems	Maintain	0.01%	0.10%	0.22%	0.26%	4.83%
Quantum Fluids and Solids	Maintain	0.23%	0.24%	0.24%	0.27%	0.20%
Quantum Optics and Information	Grow	0.89%	1.05%	1.01%	1.00%	0.92%

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Resource Efficiency	Maintain	0.43%	0.41%	0.50%	0.52%	0.42%
RF & Microwave Communications	Grow	0.22%	0.20%	0.30%	0.32%	0.41%
RF & Microwave Devices	Grow	0.77%	0.67%	0.64%	0.58%	0.52%
Robotics	Maintain	0.31%	0.45%	0.40%	0.45%	0.64%
Sensors and Instrumentation	Maintain	1.61%	1.30%	0.82%	0.59%	0.62%
Software Engineering	Grow	0.65%	0.77%	0.72%	0.82%	0.76%
Solar Technology	Maintain	0.80%	0.92%	0.91%	0.84%	0.99%
Speech Technology	Reduce	0.31%	0.29%	0.26%	0.26%	0.25%
Spintronics	Maintain	0.50%	0.54%	0.56%	0.38%	0.57%
Statistics and Applied Probability	Grow	1.08%	1.24%	1.39%	1.54%	1.54%
Structural Engineering	Maintain	0.73%	0.72%	0.79%	0.76%	0.80%
Superconductivity	Maintain	0.64%	0.54%	0.48%	0.41%	0.36%
Surface Science	Reduce	0.94%	1.09%	0.77%	0.59%	0.55%
Sustainable Land Management	Reduce	0.80%	0.98%	0.87%	0.84%	0.66%
Synthetic Biology	Grow	0.48%	0.75%	0.99%	1.20%	1.06%
Synthetic Coordination Chemistry	Maintain	0.49%	0.59%	0.52%	0.54%	0.54%
Synthetic Organic Chemistry	Reduce	1.44%	1.32%	0.97%	0.67%	0.64%
Synthetic Supramolecular Chemistry	Maintain	0.29%	0.34%	0.24%	0.31%	0.32%
Theory of Computation	Maintain	0.68%	0.61%	0.83%	0.79%	0.75%
Transportation Operations and Management	Reduce	1.08%	0.97%	0.63%	0.35%	0.47%
UK Magnetic Fusion Research Programme	Maintain	6.32%	6.59%	5.97%	6.23%	5.78%
Verification and Correctness	Grow	0.44%	0.42%	0.57%	0.60%	0.51%

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Vision, Hearing and Other Senses	Maintain	0.21%	0.23%	0.15%	0.13%	0.15%
Water Engineering	Grow	0.52%	0.49%	0.52%	0.47%	0.45%
Whole Energy Systems	Grow	0.84%	1.10%	1.15%	1.58%	1.02%
Wind Power	Maintain	0.19%	0.19%	0.17%	0.29%	0.12%