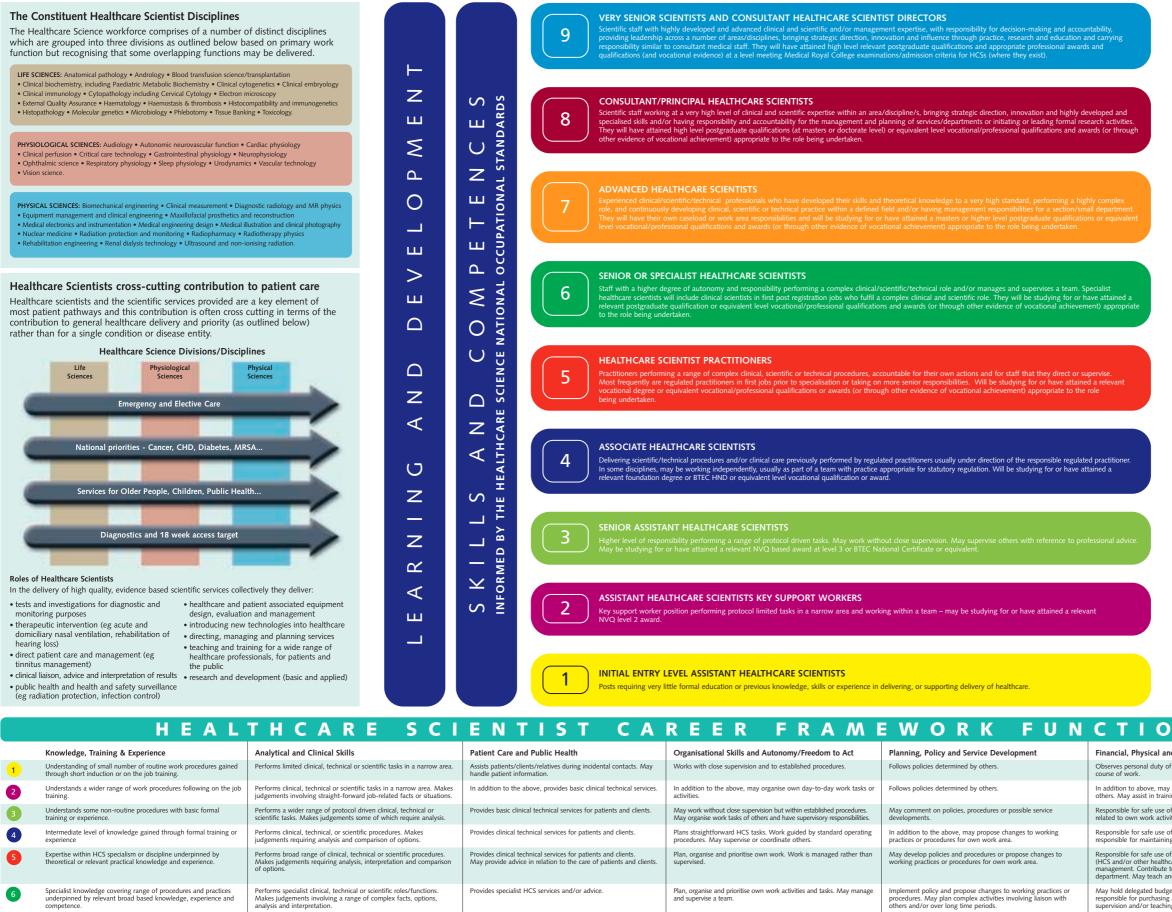


A CAREER FRAMEWORK FOR HEALTHCARE SCIENTISTS IN THE NHS



- Specialist knowledge covering range of procedures and practices underpinned by relevant broad based knowledge, experience and competence
- Highly developed HCS specialist knowledge covering a range of procedures and underpinned by relevant broad based knowledge experience and competence.
- Advanced specialist knowledge across a discipline/s or over more than one discipline acquired over a long period OR in-depth specialist knowledge, experience and competence.
- Advanced and highly developed theoretical and practical knowledge over a wide range of clinical, scientific, technical and/o management functions.
- Makes complex or highly complex judgements. Able to act as an expert in one or more service areas. Provides clinical and scientific expertise and leadership which may be recognised at national and/or international level.

Performs highly specialist roles and may be accountable for direct delivery of part of HCS service. Makes complex judgements.

Provides clinical and scientific expertise within an area/discipline/s

In addition to above, may have corporate responsibility or lead provision of clinical and scientific services which may extend beyond employing organisation.

Provides specialist or highly specialist clinical, technical or scientific HCS services and/or advice.

Provides specialist or highly specialist clinical, technical, and/or scientific services

In addition to above may plan, develop and implement policy and service developments which impact beyond own area of responsibility beyond organisation. In addition to above may direct and influence commissioning and/or service provision. May be accountable for direct delivery of part or all of a HCS service/s. In addition to the above interprets policy and strategy to set goals and standards and direct services with responsibility and accountability

May be responsible for work area, specialist services or clinical pathways and/or management of staff. May be accountable for direc delivery of part of HCS service.

In addition to above may carry responsibility for policy in adjustic to advect may carry responsibility policy implementation and policy or service development at directorate/division or organisational level or with other organisations and agencies. May involve formulating long term strategic plans impacting across or beyond organisation.

Proposes changes to practices or procedures which impact bey own work area. May plan and/or organise a broad range of complex activities or programmes with formulation of strategi

Responsibility for delivery frameworks.

responsible for purchasing supervision and/or teachir

In addition to above ma

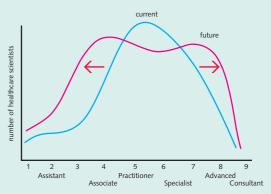
In addition to the above m

training programmes. Likel and be responsible for phy



Healthcare Scientist Workforce

The healthcare scientist workforce in the NHS and related organisations such as the National Blood Service and the Health Protection Agency totals approximately 50,000. Accurate information on the constituent HCS disciplines is not currently available however the T matrix of the DH workforce census is starting to collect more detail from NHS Trusts and organisations to inform local workforce planning and commissioning.



In the diagram above the blue line below provides an indicative profile of the current workforce, the pink line is an illustration of the workforce profile required to support the delivery of the NHS Improvement Plan including the provision of more services in the community.

The above indicates some key projected changes for the future:

- a) the need for more skills and competences to be transferred to assistants and associates b) the creation of more advanced and consultant level posts to support the scientific and technological advancement of healthcare and new roles at the medical
- scientific interface c) the need for scientific workforce numbers to increase

Identifying and Developing the Workforce

A UK wide competence framework has been developed for healthcare scientists and comprises of 64 sets of Healthcare Science (HCS) National Occupational Standards (NOS) representing 51 discipline specific and 13 common/generic functions.

These HCS NOS can be viewed through the following websites www.noshcs.com and www.skillsforhealth.org.uk. The NOS, together with the HCS Career framework level descriptors and the functional guide and the supporting Agenda for Change and KSF information can be used to describe roles and help with appraisal and development planning.

Transferable roles within the HCS Career framework will be underpinned by nationally developed and agreed learning and development modules. It is important that the skills and competences required to deliver local scientific services are identified and matched to roles.



A Modernising Healthcare Science Careers Programme within Skills for Health will continue implementation work to introducing the following

- HCS NOS mapped to HCS Career Framework stages
 Learning and development framework
- Indicative framework of HCS roles
- Award and qualification framework

NAL GUIDE	
d Human Resources	Research and Development
care in relation to equipment and resources used in	May perform simple audits or surveys relevant to own work area.
be responsible for safe use of equipment used by ng of new staff within work area.	May perform simple audits or surveys relevant to own work area.
f equipment used by others. May carry out training ty.	Performs simple audits or surveys and may assist with occasional clinical trials or research projects.
f expensive/highly complex equipment. May be g stock. May undertake training.	May actively contribute to clinical trials or research projects within own work area.
f expensive/highly complex equipment. Trains staff are workers). May contribute to administration and io administration and management of work area or Id train staff (HCS staff and/or other healthcare workers).	May evaluate equipment, techniques and procedures. May undertake straightforward or complex audit or assist with clinical trials or research projects.
et for manage research for part of service. May be and/or maintenance of assets. May undertake g and training as major job role.	May also carry out R&D as a major activity. May regularly undertake clinical trials or research projects.
devise training or development programmes. May hold aff and services ranging in size and complexity.	In addition to above, may initiate and develop R&D programmes.
ay be responsible for overall delivery of teaching and y to be a budget holder for one or more services sical assets.	In addition to above, may coordinate and implement R&D programmes and/or initiate and develop programmes with external impact.
against local and national quality and performance	In addition to above, may also be responsible for coordination of R&D programmes.