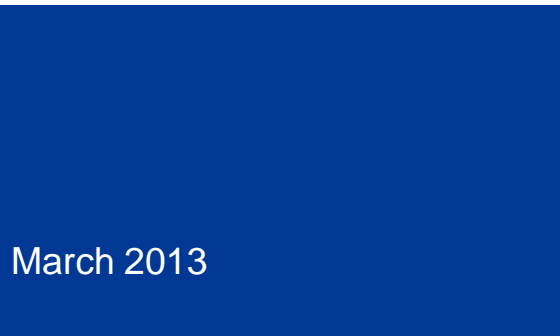
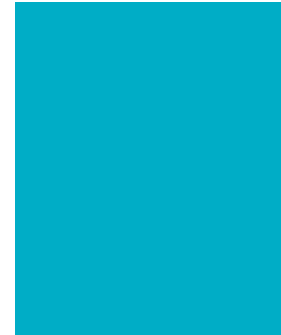


# Securing excellence in Child Health Information Services

## IT Operating Model



March 2013



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**01 Glossary of terms**

Term	Acronym
Child Health Information System	CHIS
Child Health Records Department	CHRD
Department of Health	DH
Health and Social Care Information Centre	HSCIC
Information Governance Toolkit	IGT
Information Requirements Specification	IRS
Information Standard Notices	ISNs
Information Technology	IT
Interoperability toolkit standards	ITK
Maternity and Children Data Set	MCDS
NHS Commissioning Board	NHS CB
Output Based Specification	OBS
Personal Child Health Record	PCHR
Public Health England	PHE
Primary Care Trusts	PCTs
UK NSC	UK National Screening Committee

## **Purpose**

The purpose of this document is to set out the future operating model for commissioning Child Health Information Systems and associated support services that take effect from 1<sup>st</sup> April 2013 and to make clear organisational responsibilities associated with these arrangements.

A key principle of this model is based on the safe transfer of commissioning responsibilities from Primary Care Trusts to ensure that all existing information systems and associated support for child health information, including the Personal Child Health Record [“Red Book”], continue to exchange data with partners and share information with parents & carers. This is important to ensure business continuity for these critical services during and after transition.

The document does not address any human resource implications associated with Child Health Record Departments or equivalent function, as this is a local service provider responsibility. Nor does it address operations of Maternity Units and Child Health Record Departments over and above that of administering the child health information system.

## **The document describes:**

- Scope of IT support services and assurance and national and local information reporting requirements
- Accountabilities and responsibilities for service delivery
- Tasks and functions to support service delivery
- Financial support

### Background

To date Primary Care Trusts (PCTs) have led on commissioning provision of Child Health Information Systems (CHIS) within Child Health Records Departments (CHRDs) or equivalent functions, which ensures each child in England has an active care record, supporting the delivery of national screening programmes, immunisation and the healthy child programme services. These records must be held within a secure information system, which meets appropriate requirements for information governance and IT security for managing personally-identifiable data within the NHS.

An agreement has been made between the Secretary of State for Health and the NHS Commissioning Board (NHS CB) under section 7A of the National Health Service Act 2006, which sets out certain public health services to be commissioned by the NHS CB as part of the system design to drive improvements in population health. Through this delegation of commissioning responsibility, the NHS CB will undertake responsibility for ensuring CHIS systems and associated services are commissioned effectively from any able provider that meets technical and resource capability. This is described in the CHIS service specification (No 28) and supported by more detail in the CHIS information requirements specification (IRS) and the CHIS output based specification (OBS). The OBS sets out the gold standard for CHIS to be used by IT suppliers and commissioners when redesigning or re-procuring CHIS to bring greater consistency to the functionality across England.

In addition, responsibility for commissioning national screening and immunisation programmes and children's public health services from pregnancy to age 5 will rest with the NHS CB and therefore the IT provision associated for monitoring this population should meet the relevant information requirements for these programmes, specifically newborn screening programmes (specifications 19-21), childhood immunisations (specifications 1,2,4,6,7,8,9,10,11,12 with additional service specifications in preparation for new immunisation programmes that will require modifications to CHIS to support the new programmes) and children's public health services (specification 27). This provision will be supported by CHIS and CHRD services.

The continuation of the Personal Child Health Record (PCHR) will continue to be an essential tool to ensure data exchange and data collection within CHIS and continued information sharing between professionals and parents and carers.

Therefore, the safe transfer of these services and their provision into the new commissioning system is both clinically and business critical to ensure continuation of service delivery.

The NHS CB has to ensure the services they commission conform to data quality, information standard notices (ISNs) and technical standards. The CHIS IT provision must be compliant with process and exchange information as determined by the NHS CB. The CHRD (or equivalent function) must be adequately resourced and staff trained to record and manage the relevant data within the child's care record.

The CHIS service provider will be responsible to ensure effective fail-safe systems are in place and continuously monitored.

The operational delivery of these associated services and assurance processes will be incorporated into the NHS CB's operating arrangements, through its area teams.

Public Health England (PHE) will support NHS CB's operational responsibilities as delegated by the Section 7A agreement and to ensure that the arrangements are robust.

Public Health England will co-ordinate the updating of the CHIS IRS and the CHIS OBS in line with requirements.

The maternity and children's dataset is a new national dataset which has been approved for collection from 1<sup>st</sup> April 2013. One component of this is Children and Young People's Health Services Secondary Uses Dataset, ISB 1069, will be extracted from CHIS. In the longer term the CHIS provider will report to HSCIC for area teams to access online.

The NHS CB will continue to set overall direction, strategy in consultation with PHE and other business partners, operating standards and budgets and maintain national infrastructure to ensure delivery of greater consistency of CHIS IT provision in the future.

Legislative framework underpinned by child health information systems

Health and Social Care Bill

Section 7a

Secretary of State

DH Strategy Team  
(policy development)

Screening

Immunisations

Healthy Child  
Programme

CHIS

NHS CB  
(delivery)

Royal College of Paediatrics and Child Health

PHE for coordinating content updates on screening/immunisation/other clinical areas

agreements and information requirement specifications

Personal  
Child Health  
Record  
(PCHR)

Service Specifications:

Immunisation programme

- No 1 Neonatal Hepatitis B
- No 2 Neonatal BCG
- No 4 diphtheria, tetanus, poliomyelitis, pertussis and Hib
- No 6 Meningitis C (MenC)
- No 7 Hib/MenC
- No 8 Pneumococcal
- No 9 DTaP/IPV and dTaP/IPV pre-school booster
- No 10 Measles, mumps and rubella (MMR)
- No 11 Human papillomavirus (HPV)
- No 12 Td/IPV (teenage booster)

**Additional service specifications in preparation for new immunisation programmes that will require modifications to CHIS to support the new programmes**

Screening programme

- No 19 NHS Blood Spot Screening
- No 20 NHS Newborn Hearing Screening Programme
- No 21 NHS Newborn and Infant Physical Examination

Other programmes

- No 27 Children's public health services (from pregnancy to age 5)
- No 28 Child Health Information Systems

Output  
Based  
Specification  
CHIS

Maternity and  
Children's  
Data Sets

Health and Social Care  
Information Centre

Child Health Information Systems

The NHS CB will be responsible for commissioning and oversight of CHIS and related services directly from provider organisations and ensure adequate assurances from the appointed service provider that their CHIS and associated CHRD (or equivalent) activities are compliant with data quality, ISNs and technical standards; including effective fail-safe systems are in place and sufficiently trained/qualified staff and resources to operate CHIS, CHRD and associated support functions safely.

This is necessary to ensure information process and data exchange is performed as described in CHIS OBS and CHIS IRS for newborn screening, childhood immunisation and children's public health services 0-5 and children and data is submitted to the children and young peoples dataset (ISB 1069). Similarly to ensure information sharing & recording between professionals and parents and carers as described in the Healthy Child Programme 0-5 years.

In the event, that legacy providers of CHIS are partially compliant with the CHIS IRS and CHIS OBS specifications, then the NHS CB is required to liaise with PHE, the Department of Health (DH), IT suppliers, user groups and networks to develop and agree a realistic roadmap for progression towards the gold standard of a CHIS by 2015.

The operational delivery of these commissioning and assurance processes will be incorporated into the NHS CB's operating arrangements, through its area teams.

The CHIS service provider will remain responsible for their own local IT arrangements to support their service; including the provision of a CHIS of their choice (that is compliant with ISNs and technical standards) and the associated support required for the operational management and ongoing system development.

They will have to deliver to a set of quality and IT safety standards, including compliance with Information Governance Toolkit (IGT), interoperability toolkit (ITK) standards, clinical safety and assurance, network security, registration authority services, as determined by the NHS CB.

The CHIS service provider will be free to choose any local IT delivery organisation to provide support services. This will include local service desk and technical support, training, associated hardware, network services and registration authority services if applicable. Any IT assets funded previously by the service provider that are not exclusive for the functioning of the CHIS system (such as staff PCs), will not covered by these arrangements.

NHS CB with advice and guidance from PHE will be responsible for the ongoing development and maintenance of technical and quality standards such as ISNs which will be subject to periodical review in order to incorporate new and emergent needs.



PHE will co-ordinate the updating of the CHIS IRS and the CHIS OBS in line with requirements.

HSCIC will continue to maintain existing standards for quality and IT safety, IGT, ITK and clinical safety and assurance. The NHS CB may commission additional support for new and emergent needs or may choose to oversee them.

The HSCIC will continue to develop and deliver national infrastructure services to enable public health information requirements to be met. This includes the collection of central returns and reporting needs to support the population of the indicators for the Public Health Outcomes Frameworks.

CHIS service providers as commissioned and directed by the NHS CB will ensure fail-safe systems are in place to manage the processing of data returns and statutory reporting requirements to support the NHS and PHE in the overall management of public health programmes. *(Appendix 1 identifies local child health reporting requirements for newborn screening, childhood immunisation and children's public health services 0-5. Please note these will be subject to change).*

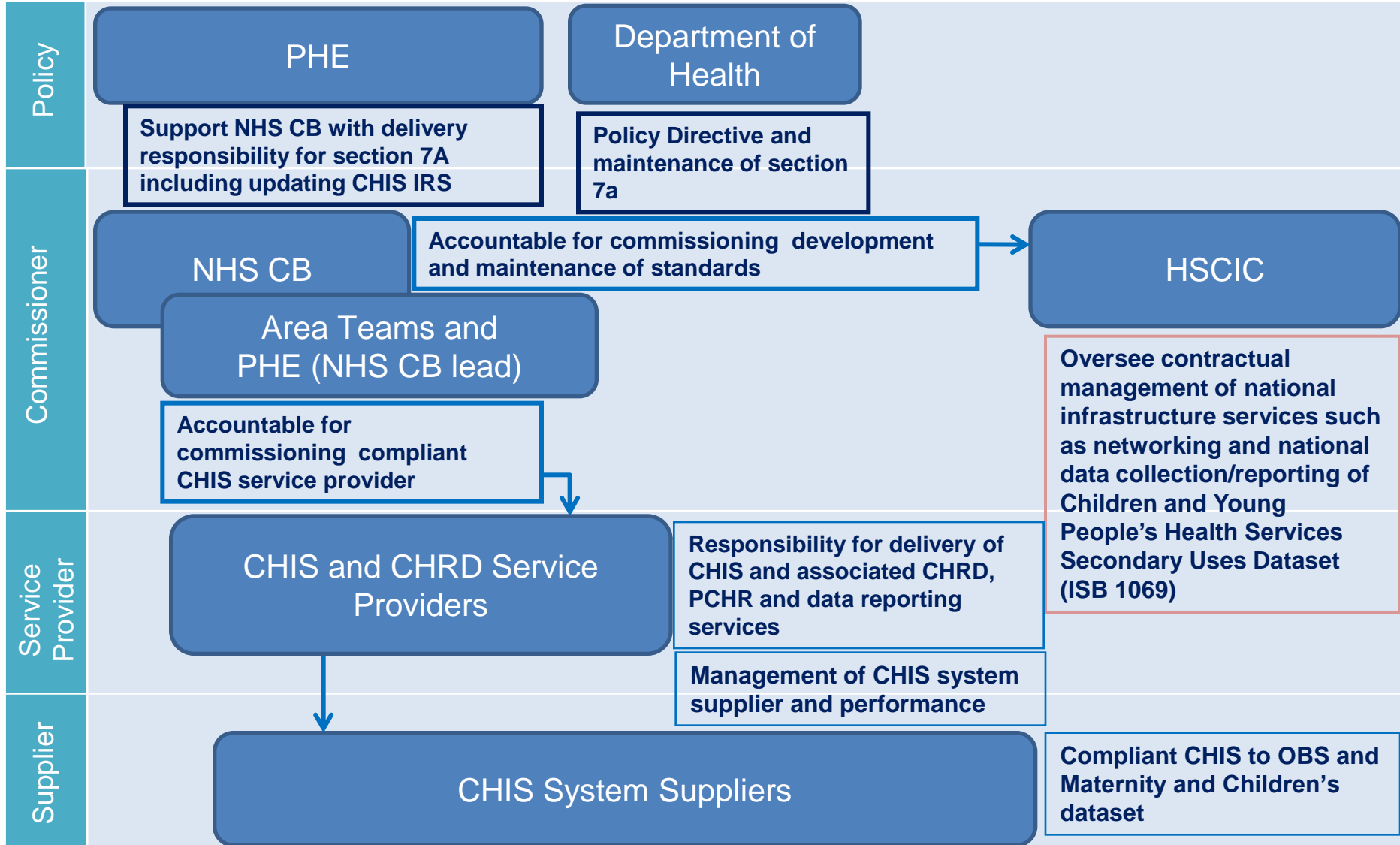
The NHS CB will expect the CHIS service provider to have the appropriate skills and experience to understand the health relevance of the data and who is in a position to ensure that it meets the needs of the various clinical/public health programmes to which it links and serves. The NHS CB will be responsible to specify these requirements through contractual management agreements and performance management arrangements.

The purchase, administration and delivery of PCHR to parents will be the responsibility of each service provider where maternal and infant health care is delivered. If existing arrangements are for CHRDs to oversee the supply of PCHR to maternity units and health visiting teams to support data collection processes, this will continue unless other systems of ensuring supply are commissioned. This may be subject to review by the NHS CB.

NHS CB, through its area teams, will have responsibility for any incidents and issues that may arise or be reported from the CHIS systems and therefore will be responsible for corrective action working collaboratively with the appropriate agencies. The NHS CB will be responsible for compliance monitoring and ensuring that CHIS service providers and HSCIC comply with their contractual obligations.

PHE will provide support that requirements in section 7A are being met and the details of CHIS IRS and CHIS OBS are delivered.

Child Health Information System commissioning relationships and responsibilities



Commissioner		Service being commissioned	Commissioned from
<b>NHS CB</b> <b>Accountable for commissioning compliant CHIS service provider and development and maintenance of standards</b>	through its Patient and Information (P&I) Directorate	Development and maintenance of quality and IT safety, IGT, ITK, clinical safety and assurance standards and national infrastructure services to enable public health information requirements to be met (e.g. networking services and capability to deliver national data collection/reporting).	HSCIC
	through its area teams	Commission compliant CHIS and associated CHRD (or equivalent) service provider, that is compliant with the maternity and children's dataset which includes the Children and Young People's Health Services Secondary Uses Dataset (ISB 1069), information requirements specifications for newborn screening, childhood immunisation and children's public health services 0-5, data quality, ISNs, technical standards (gold standard CHIS OBS), clinical safety and assurance for deployment and use of health care software (ISB 0160) and IGT. This including effective fail-safe systems and sufficiently trained and qualified staff and resources to deliver effective data management, exchange and statutory reporting.	CHIS service provider
<b>HSCIC</b> <b>Deliver system standards compliance and oversee contractual management of national infrastructure services.</b> (on behalf of NHS CB)		National Infrastructure services (such as networking services, and capability to deliver national data collection/reporting) and associated support services for overseeing contractual management of suppliers and assurance that they comply with ISB 0129 (DSCN 14/2009) manufacturer of healthcare software.	IT system suppliers

Commissioner	Service being commissioned	Commissioned from
<p><b>CHIS service providers</b>  <b>Responsibility for delivery of CHIS and associated CHRD and data reporting services. Manage CHIS system supplier performance.</b>            (through their system and local IT provider)</p>	<p>Provision of CHIS and CHRD (or equivalent) service that is compliant with CHIS OBS, maternity and children's dataset, which includes the Children and Young People's Health Services Secondary Uses Dataset (ISB 1069) and CHIS IRS for newborn screening, childhood immunisation and children's public health services 0-5.</p>	<p>CHIS system Supplier</p>
	<p>Provision of stationery to support data collection (e.g. PCHR) where maternal and infant health care is delivered. (This pending review by NHS CB).</p>	<p>Stationery suppliers</p>
	<p>Provision of local service desk and technical support, networking services, registration authority (where applicable) and compliance with clinical safety and assurance for the deployment of CHIS systems in compliance with ISB 0160 (DSCN18/2009).</p>	<p>CHIS local IT providers</p>

Organisational Body	Accountable for management	Service accountable for	Accountable for delivery
PHE		Support the delivery against commissioning responsibilities of public health services specified in section 7A of the National Health Service Act 2006. Co-ordinate the updating of the CHIS IRS and the CHIS OBS.	NHS CB through its area teams
NHS CB through its P&I Directorate		National infrastructure systems/services, such as networking services, capability to deliver national data collection/reporting and delivery and management of contracts commissioned by NHS CB. Ongoing development and maintenance of existing standards for quality and IT safety, IGT, ITK and clinical safety and assurance.	HSCIC
NHS CB through its P&I directorate	HSCIC	Clinical safety and assurance - adherence to national infrastructure contracts including the requirements for the manufacture of healthcare software ISB 0129 (DSCN 14/2009).	IT system suppliers
NHS CB through its area teams		CHIS and CHRDs (or equivalent) service provision that meets CHIS IRS and OBS, maternity and children's dataset, which includes the Children and Young People's Health Services Secondary Uses Dataset (ISB 1069), CHIS IRS for newborn screening, childhood immunisation and children's public health services 0-5, data quality, ISNs, clinical safety and assurance for deployment and use of health care software (ISB 0160) and IGT. Deliver effective data management through effective fail-safe systems, exchange and statutory reporting.  For partially compliant CHIS, to agree service improvement plan.	CHIS service providers
NHS CB through its area teams		IGT compliance	CHIS service providers

Organisational Body	Accountable for management	Service accountable for	Accountable for delivery
CHIS service providers		<p>Commission compliant CHIS that meets the requirements of the maternity and children's dataset, which includes the Children and Young People's Health Services Secondary Uses Dataset (ISB 1069), CHIS OBS and CHIS IRS for newborn screening, childhood immunisation and children's public health services 0-5, data quality and ISNs. Deliver effective data management, exchange and statutory reporting. If partially compliant agree replacement/upgrades as agreed within NHS CB service improvement plan.</p>	CHIS system Supplier
		<p>Commission local IT service providers that provide local service desk and technical Support, IGT and clinical safety and assurance for deployment and use of health care software in compliance with ISB 0160 (DSCN 18/2009). IT services required to support delivery of CHIS (including registration authority where required, hardware and software support, CHIS system implementation, testing, installation and N3 setup and maintenance).</p>	CHIS local IT Providers

## 05 Tasks and functions

# Commissioning Board

There is a responsibility across service providers to provide assurance of IT support services for the following functions:

Function	NHS CB	PHE	HSCIC	CHIS service Provider	CHIS local IT Provider	CHIS system supplier
CHIS and CHRD service provision	<p>Will set operating model and statutory data reporting requirements.</p> <p>Will commission from HSCIC quality and IT safety standards, IGT, and ITK and will provide national infrastructure and services to enable public health information requirements to be met (e.g. networking services and delivery of Children and Young People's Health Services Secondary Uses Dataset (ISB1069). HSCIC will oversee the contractual management of IT suppliers associated with national services on behalf of NHS CB.</p> <p>Will directly commission compliant CHIS and CHRD (or equivalent) service providers that have IT provision in place that meets quality and safety IT standards set by the NHS CB with effective fail-safe systems for data management and appropriately trained and qualified staff.</p>	<p>Will set policy, overall direction of strategy, standards and information requirements specifications.</p> <p>Will support the delivery of commissioning responsibilities as specified in section 7A of of the National Health Service Act 2006.</p> <p>Public Health England will co-ordinate the updating of the CHIS IRS and the OBS in line with requirements.</p>	<p>Will oversee the development and maintenance of maternity and children's data set (ISB 1069), quality and IT safety standards, IGT, and ITK.</p> <p>Will commission National Infrastructure services (e.g. networking and national data collection/ reporting) on behalf of NHS CB and oversee supplier performance and contractual management.</p>	<p>Procure compliant CHIS and CHRD service that are compliant with CHIS IRS, CHIS OBS and maternity and children's data set (ISB 1069). Responsible for commissioning associated support services such as implementation, local service desk and technical support, networking, registration authority and training.</p> <p>If CHIS system partially OBS compliant will agree a service improvement plan with NHS CB for compliance by April 2015.</p> <p>Will provide and report statutory data returns to the NHS CB and submit central data returns to HSCIC for ISB 1069 and for any reporting required in support of the indicators specified for the Outcomes Frameworks</p> <p>Will provide PCHR to maternal and infant health care is delivered, (where existing arrangements are in place) to support data collection. (note this may be subject to review by NHS CB).</p>	<p>Provide IT local support services on behalf of CHIS service provider. Responsible for the local implementation including training, testing, infrastructure and hardware. Will comply with appropriate and relevant quality and IT safety standards, security policies, terms of contractual agreements and meet any obligations under the HSCIC use of national IT infrastructure.</p> <p>Will oversee CHIS system supplier performance and report any issues to CHIS service provider for remedial action.</p>	<p>Provide CHIS systems that comply with CHIS IRS, CHIS OBS and maternity and children's data set including (ISB 1069).</p>

## 05 Tasks and functions

Function	NHS CB	PHE	HSCIC	CHIS service Provider	CHIS local IT Provider	CHIS system supplier
Clinical Safety and Assurance	Will ensure CHIS service providers give assurances that their CHIS and support provision is compliant to adhere to CHIS IRS, CHIS OBS, maternity and children's data set including (ISB 1069) and quality IT standards determined by the NHS CB.	No direct responsibility.	Will ensure that national infrastructure IT suppliers provide assurance that suppliers comply with ISB 0129 (DSCN 14/2009) manufacturer of healthcare software.	Will ensure CHIS system suppliers comply with ISB 0129 (DSCN 14/2009) for manufacture of health software and ISB 1069 for maternity and children's data set.	Ensure adherence of safe use and deployment of systems with ISB 0160 (DSCN 18/2009) of CHIS and national infrastructure services and escalate any non compliance to the CHIS service provider to take remedial action with its users.	Ensure comply with ISB 0129 (DSCN 14/2009) for manufacture of health software and ISB 1069 for maternity and children's data set.
Information Governance	Will set policy and ensure that all CHIS service providers comply with NHS IG requirements.  Will be responsible for the performance managing the compliance with IGT.	No direct responsibility.	Will be commissioned to provide IG expertise, support and management of the IGT.	Completion of IGT and compliance with NHS IG requirements.  Will provide the information needed to NHS CB area teams to investigate possible information security breaches and incidents (including screening).	Will assure that users are adhering to IT security standards and will escalate issues to CHIS service provider to investigate possible information security breaches and incidents (including screening).	Completion of IGT and compliance with NHS IG requirements.



## 05 Tasks and functions

Function	NHS CB	PHE	HSCIC	CHIS service Provider	CHIS local IT Provider	CHIS system supplier
Networking Services	Will set policy and direction for national services.	No direct responsibility.	Commission N3 or alternative national network services and manage suppliers. .	Commission local IT provider to maintain network services and manage suppliers.  Comply in use of practice of N3 services adhering to N3 Code of Connection and any local requirements.	Maintain LAN services and oversee connection of N3 Services.	Maintain LAN services and ensure compliance with N3 or alternative network services.
Registration Authority (if applicable) <i>(for NHS Care Records Service compliant Applications only)</i>	Will set quality and IT safety standards and operating policy.  Will performance manage service providers to comply with registration authority service adhering to the IT security policy for access control.	No direct responsibility	Maintain and publish the National Role-Based Access Control (RBAC) Database (NRD).	If using NCRS compliant CHIS application, the CHIS service provider will be responsible for commissioning a Registration Authority function and such processes are embedded in the Information Governance Policy.	Deliver the registration authority function including issuing and management of smartcards and monitor user adherence to security policy for use of smartcard.	Suppliers will support the smartcard model and the NRD in their systems.

## 05 Tasks and functions

Function	NHS CB	PHE	HSCIC	CHIS service Provider	CHIS local IT Provider	CHIS system supplier
National Reporting requirements	Will be responsible for quality assurance of statutory data provided by CHIS through the area teams to report national data as part of the public health outcomes framework and to monitor the delivery of programmes.	Will collaborate with NHS CB and report national data as part of the public health outcomes framework.	Will develop the capability to provide national reporting facility through online access and reporting of some data as determined by NHS CB and PHE.	Will report statutory data as part of the public health outcomes framework and maternity and children's dataset to NHS CB area teams. <i>[Note: longer-term this will be reported to HSCIC for NHS CB area teams to access online].</i>	No direct responsibility	Suppliers will ensure their systems enable data extract to comply with the CHIS OBS, CHIS IRS for newborn screening, childhood immunisation and children's public health services 0-5, and maternity and children's data set including (ISB 1069).
Local Reporting requirements	Will be responsible for identifying local data extracts for data interrogation to support business planning and improve performance.	Will work in collaboration with NHS CB to identify local information reporting requirements.	Will develop the capability to provide local reporting facility through online access.	Provide data extracts and reports to meet local requirements.	No direct responsibility	Suppliers will ensure their systems enable facility for data extraction for local requirements.

## 05 Tasks and functions

Function	NHS CB	PHE	HSCIC	CHIS service Provider	CHIS local IT Provider	CHIS system supplier
Agreements and information requirement updates	<p>Will be responsible for co-ordinating modifications in a timely manner to technical standards and data reporting requirements arising from changes to service specification information requirements by public health policy and strategy unit for immunisation , screening and children's public health services 0-5 programmes.</p> <p>Will be responsible for running an independent quality assurance process on each service specification prior to approving the information requirement standard.</p>	<p>Will work in collaboration with the DH and NHS CB to develop, maintain and review information requirements outlined in service specifications in accordance with policy and programme modifications.</p> <p>Will co-ordinate the updating of the CHIS IRS and the CHIS OBS in line with requirements.</p>	<p>Will be responsible to modify data collection and reporting requirements in accordance with modified information requirements and maternity and children's data set including (ISB 1069).</p>	<p>Will be responsible for supplier management for modification to CHIS to ensure technical standards, agreements and information requirements can be met.</p>	<p>No direct responsibility.</p>	<p>Suppliers will ensure their systems are developed and maintained in accordance with policy changes.</p>

**Financial arrangements:**

CHIS and CHRD service provision will be commissioned using the NHS CB public health budget through the appropriate and agreed contractual frameworks. The allocation of annual CHIS commissioning funds to CHIS service provider organisations acts as an annual income to ensure compliance and conformance to meet the CHIS operational and technical standards.

The NHS CB will continue to commission from HSCIC:

- national infrastructure and services to enable public health inform requirements to be met (e.g. networking services and capability to deliver national data collection/reporting of Children and Young People's Health Services Secondary Uses Dataset (ISB 1069))
- continue development and maintenance of quality and IT safety standards, IGT and ITK
- ongoing development and maintenance of IGT including advice and guidance

The operating budget to commission CHIS service provider will cover costs for a CHIS system and operating licences, CHRD (or equivalent function) and associated activities (including PCHR), staffing and associated IT support. The CHIS service provider need to identify cost of providing CHIS system and agree the contractual budget with NHS CB area teams.

Asset ownership, staff training and hardware replacement programmes etc, is the responsibility of the CHIS Service Provider.

## 07 Appendices

### Appendix 1

**Maternity and children's dataset (ISB 1069) reporting requirements** *(note reporting requirements and reporting sources for childhood and adolescent immunisations will be subject to change)*

Area	Specific data requirement	Primary source	Reporting source
Childhood Immunisations	Diphtheria, tetanus, pertussis, polio and Haemophilus influenzae type b (DTaP/IPV/Hib) coverage at one, two and five years old.	CHIS	COVER
	Pneumococcal disease (PCV) vaccination coverage at one, two and five years old.	CHIS	COVER
	Meningococcal group C (MenC) at one, two and five years old.	CHIS	COVER
	Hib/MenC vaccination coverage at two and five years old	CHIS	COVER
	Measles/mumps/rubella (MMR) vaccination coverage at two and five years old.	CHIS	COVER
	Diphtheria, tetanus, pertussis and polio (dTaP/IPV or DTaP/IPV) coverage at five years old	CHIS	COVER
Targeted childhood vaccinations	Number of BCG vaccinations received by children less than one year old and one year and older (in a financial year)	CHIS	HSCIC Omnibus KC50
	Hep B vaccination coverage at one and two years old for children born to Hep B surface antigen positive mothers	CHIS	COVER
Adolescent Immunisations	Human Papilloma vaccine coverage 12-17 years old	Various (including CHIS)	ImmForm
	Number of children receiving tetanus, diphtheria, inactivated polio vaccine booster (Td/IPV) aged 13-18 years old (in a financial year)	CHIS	HSCIC Omnibus KC50
Newborn Screening	Newborn bloodspot screening coverage (KPI NB1)	CHIS	UK NSC
	Newborn bloodspot screening avoidable repeat tests (KPI NB2)	Laboratory	UK NSC
	Newborn bloodspot screening timeliness of results (KPI NB3)	CHIS	UK NSC
	Newborn Hearing screening coverage (KPI NH1)	NHSP	UK NSC
	Newborn Hearing Screening timely assessment of referral (KPI NH2)	NHSP	UK NSC
	Newborn & Infant Physical Examination coverage (KPI NP1)	NIPE	UK NSC
	Newborn Infant Physical Examination timely assessment of development dysplasia of the hip (KPI NP2)	NIPE	UK NSC
Other 0-5 data	Low birthweight of term babies	Registrar of birth to ONS	ONS
	Breastfeeding initiation	Maternity units	UNIFY2
	Breastfeeding at 6-8 weeks	HV/CHIS	UNIFY2
	Smoking status at delivery	Maternity units	HSCIC Omnibus
	Child development at 2-2.5 years (placeholder)	TBC	TBC

## **Public health functions to be exercised by the NHS Commissioning Board – 7a agreement (November 2012)**

The agreement made between the Secretary of State and the NHS Commissioning Board (NHS CB) under section 7A of the National Health Service Act 2006.

<https://www.wp.dh.gov.uk/publications/files/2012/11/s7A-master-131114-final.pdf>

## **Public health functions to be exercised by the NHS Commissioning Board – Service specification No 19 (November 2012)**

The purpose of the service specification for the National Blood Spot Screening (NBBS) Programme is to outline the service and quality indicators expected by the NHS Commissioning Board (NHS CB) for the NHS CB's responsible population and which meets the evidence base, policies, recommendations and standards of the UK National Screening Committee (UK NSC).

<https://www.wp.dh.gov.uk/publications/files/2012/11/19-NHS-Newborn-Bloodspot-Screening-Programme-Service-Specification-121023.pdf>

## **Public health functions to be exercised by the NHS Commissioning Board – service specification No 20 (November 2012)**

The purpose of this service specification for the NHS Newborn Hearing Service Screening Programme (NHSP) is to outline the service and quality indicators expected by the NHS Commissioning Board (NHS CB) for the NHS CB's responsible population and which meets the policies, recommendations and standards of the UK National Screening Committee (UK NSC).

<https://www.wp.dh.gov.uk/publications/files/2012/11/20-NHS-Newborn-Hearing-Screening-Service-Specification.pdf>

## **Public health functions to be exercised by the NHS Commissioning Board – service specification No 21 (November 2012)**

The purpose of the service specification for the NHS Newborn and Infant Physical Examination (NIPE) Screening Programme is to outline the service and quality indicators expected by the NHS Commissioning Board (NHS CB) for the NHS CB's responsible population.

<https://www.wp.dh.gov.uk/publications/files/2012/11/21-NIPE-Service-Specification-121023.pdf>

## **Public health functions to be exercised by the NHS Commissioning Board – service specification No 28 (November 2012)**

Child Health Information Systems (CHIS) service specification no28 which describes Part C of the agreement “public health functions to be exercised by the NHS Commissioning Board”.

<https://www.wp.dh.gov.uk/publications/files/2012/11/28-CHIS-service-specification-121011.pdf>

## **Information Requirements Specification (IRS) for Child Health Information Systems, published in April 2012**

The purpose of the document is to set out the information requirements for the delivery of child health services . The intention is that this document will help to deliver consistency in functionality and efficacy of these important information systems during transition to the future health and care system.

[http://www.dh.gov.uk/prod\\_consum\\_dh/groups/dh\\_digitalassets/@dh/@en/documents/digitalasset/dh\\_133871.pdf](http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/@dh/@en/documents/digitalasset/dh_133871.pdf)

## **Maternity Services Secondary Uses Data Set ISB 1513**

A secondary uses data set for *maternity and children* has been developed as a key driver to achieving better outcomes of care for mother, babies and children by providing comparative, linked data that can be used to plan and commission services.

<http://www.isb.nhs.uk/library/standard/81>

## **Output Based Specification for Child Health Information Systems, published in November 2012**

This document forms the vision and high-level requirements for information sharing systems to be procured to underpin delivery of child health services in England.

<https://www.wp.dh.gov.uk/publications/files/2012/11/201112-CHIS-OBS.pdf>

## **Maternity and Children's Data Set**

The maternity and children's data set has been developed to help achieve better outcomes of care for mothers, babies and children. The data set will provide comparative, mother and child-centric data that will be used to improve clinical quality and service efficiency; and to commission services in a way that improves health and reduces inequalities. As a 'secondary uses' data set, it re-uses clinical and operational data for purposes other than direct patient care.

<http://www.ic.nhs.uk/maternityandchildren>



## **Children and Young People's Health Services Secondary Uses Data Set ISB1069**

A secondary uses data set for *maternity and children* has been developed as a key driver to achieving better outcomes of care for mother, babies and children by providing comparative, linked data that can be used to plan and commission services.

<http://www.isb.nhs.uk/library/standard/70>

## **Public health commissioning in the NHS from 2013**

Library of agreements and service specification for immunisation and screening programmes.

<http://www.dh.gov.uk/health/2012/11/sector-7a/>

## **Clinical Risk Management: Application in the Deployment and Use of Health IT Systems ISB 0160 (DSCN 18/2009)**

This standard provides a set of requirements suitably structured to promote and ensure the effective application of clinical risk management by those Health Organisations that are responsible for the deployment, use, maintenance or decommissioning of Health IT Systems within the NHS.

<http://www.isb.nhs.uk/library/standard/162>

## **Clinical Risk Management: Manufacture of Health IT Systems ISB 0129 (DSCN 14/2009)**

This standard provides a set of requirements suitably structured to promote and ensure the effective application of clinical risk management by those organisations that are responsible for the development and maintenance of Health IT Systems for use within the Health and Social Care environment.

<http://www.isb.nhs.uk/library/standard/163>

## **ISN is Information Standards Notice**

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<http://www.dh.gov.uk/health/2012/11/sector-7a/>