

LIST OF APPLICATIONS SUBMITTED TO CHI ADVISORY GROUP (1 January 2006 – 31 March 2022)

No.	Date Received	Applicant	Title	Summary	Date Approved	Decision	Precedent/Notes
06-001	30 Jan 06	Dr LFP Smith Research Lead East Somerset Research Consortium	MIST Study (Miscarriage Treatment Study)	Does method of early miscarriage management affect subsequent fertility or psychological wellbeing.	16 Mar 06	Approved	Established precedent for CHI access for UK studies.
06-002	12 Apr 06	Mr S Widdowfield Section Head – Primary Care Statistics Information Centre (now part of NHS in England)	GP Earnings and Expenses Enquiry	2004/05 for the joint GB Health Departments/British Medical Association/NHS Confederation Technical Steering Committee (TSC). Access to CHI data to calculate average earnings and expenses of GPs in Great Britain.	4 May 06	Approved	Established precedent for CHI access for NHS operational management purposes on a UK basis?
06-003	16 May 06	Mr C MacKenzie Project Co- ordinator NHS Dumfries & Galloway	Dumfries & Galloway Children's Services Integrated Assessment Framework Pilot	Access to CHI requested in order to verify a child's identity when sharing information on them between agencies providing Children's Services. Access would be by NHS based Health Care Gatekeepers and the CHI number would not be available to non-health personnel. This is a pilot of a new system.	7 July 06 2 Feb 07	Pilot Approved National System approved	Use of CHI for a pilot study for health purposes without explicit consent but with good "fair processing" information. Access for full service will require a fresh application.
06-004	6 Jul 06	Ms C Morton Project Manager National Services Division, NSS	Scottish Bowel Screening Programme	The decision has been taken to implement a national screening programme for bowel cancer. Access to CHI is required to identify those eligible for screening in order to invite them and also to monitor the success of the programme.	21 Nov 06	Approved	An issue previously decided in relation to cervical and breast screening programmes – operational management of an NHSS screening programme.

06-005		Edinburgh Vein Study	Edinburgh Vein Study	Follow up of a 1995 study. No form completed but approved by RM in email of 29 September 06.	29 Sept 06	Approved	Use of CHI to trace study subjects who had given consent for future follow up.
06-006			Generation Scotland	The Scottish Family Health Study – Multi-institutional genetic epidemiology study funded by CSO; collaboration between the four Scottish Medical Schools and NHS in Scotland, including ISD. Complementary in aims UK Biobank. No form completed.	28 April 06	Approved	Sets precedent for research studies. Approach to study subjects via their GP.
06-007	1 Nov 06	Professor RE Collins Principal Investigator UK Biobank	UK Biobank	Study to assess the main causes of various chronic diseases within a cohort of people aged 40-69 yrs. There is a strategic need to establish some large blood-based prospective epidemiology studies in a range of settings with prolonged and detailed follow-up cause specific morbidity and mortality.	7 Dec 06	Approved	As above. Due to the scale of the study it was agreed that it was not feasible to ask UK Biobank to approach people through GPs. Should they require record linkages then a separate application was to be made for access. Monitoring and follow up by CHIAG was agreed.
06-008	27 Sept 06	Dr C D Stewart Director of Clinical Development NHS 24	CHI Seeding of NHS 24 PRM v2	As part of NHS24s ongoing and future plans surrounding the upgrade of its Frontline Patient Relationship Management (PRM v2) software application, NHS 24 require access to CHI for the on-going access to CHI data within this application in its upgraded form. No application form completed.	6 Oct 06	Approved	Encouraged “real-time” access to be developed. Also asked that appropriate monitoring be carried out with a view to audit. Asked that NHS24 update the group on progress.

07-001	7 Mar 07	Dr MM McGilchrist Senior Research Fellow Health Informatics Centre (University of Dundee)	ChildSmile East	ChildSmile-East is a programme of work offering dental inspection of young children in deprived areas. To meet the ChildSmile objectives of improved care in the community and research into such care both subject and parent/guardian will be identified using the National CHI. The details extracted from the CHI will assist with duplicate detection, future record-linkage to other NHS datasets and ultimately the EHR.	7 June 07	Approved	Project Board agreed to stipulations from CHIAG: 1. Any linkages to other datasets would be in collaboration with appropriate authority. 2. An encrypted version of the CHI no. would be provided to the project system only. 3. Identification details would only be made available to Dental Health Service Workers – no number will be visible.
07-002	18 Jul 07	Mrs Norma Paterson Project Manager NSS/NHS Greater Glasgow & Clyde	NaSH	The system covers family planning and genitourinary medicine services. The system is to provide an electronic health record for sexual health service clients. There will be one database for all Scottish NHS clients. Direct online access via the CHI web services from the NaSH system is requested to enable the system to download patient demographics for patients presenting to sexual health services. The system is being provided by AxSys Technology Ltd, the suppliers of the national GCS Toolkit. They currently retrieve patient CHI numbers and demographics via access to SCI Store. However for the purposes of the NaSH system such an interface is not operationally practical due to the mobility of the client group.	6 Feb 08	Approved	

07-003	25 Jul 07	John O'Neill Project Manager	Children of Vulnerable Mothers	Research Project – the use of routine data sources to monitor outcomes of children of vulnerable mothers. There are two main aims of the study; firstly to assess health, educational and social outcomes of children 0-6/7 years of drug using mothers routing data; and secondly, to establish ongoing audit of the study cohort and explore the feasibility of establishing routine audit of children of drug using mothers nationally. Read-only access requested.	8 Nov 07	Approved	Approved with the following caveats. The CHI Advisory Group expressed concerns about the initial invitation to the individuals and recommended that the letters came directly from the GPs. Also the group wish assurance that the study would only contact an individual directly if they were unable to get an exact match with the data held in the CHI Index.
07-004	16 Aug 07	Mrs Janice Todd Information Administrator Northumbria Healthcare NHS Foundation Trust	Northumbria Healthcare NHS Foundation Trust	To improve the quality of patient demographic details on our Patient Administration in System for Scottish patients in particular the patient's GP Practice.	8 Nov 07	Approved	
07-005	4 Sept 07	Mrs Muriel Douglas Head of NHSCR Scotland	NHS Central Register for Scotland	To reduce the need for 40k telephone calls from PSDs to NHSCR and to speed up the movement of patients medical record envelopes across UK borders. Require read-only access to the information held on the CHI system. PSDs already have this level of access to the NHSCR system. NHSCR staff will view the data and use the demographic information to confirm the patients' identity. We will match it to historic data held on the NHSCRs and with data on the GROS Registration system.	8 Nov 07	Approved	
07-006	25 July 07	Mrs Dorothy Donnelly	Epidemiology & Statistics Group	To support the data quality of the Scottish Cancer Registry	8 Nov 07	Approved	Access Protocol received and to be circulated to

		Assistant Head of Group ISD/NSS		database and associated linked files. Also seeking approval to extend the Business Function to include supporting clinicians in the follow up of cancer patients who are no longer registered with the last known GP recorded in their notes. No application form.			the Directors of Public Health.
07-008	3 Aug 07	Caroline Ramsay Counter Fraud Services – CHI Users	Counter Fraud Services – CHI Users	Read-only access to the 8 CHI databases for staff within the CFS's Patient Claims Team for the purpose of patient exemption checking. Increase the number of users requiring access from 6 to 11. No application form.	8 Nov 07	Approved	
07-009	1 Oct 07	Caroline Wilson INIS Follow-up Co-ordinator	International Neonatal Immunotherapy Study (INIS)	The primary outcome of the trial is death or disability at age 2, assessed by two questionnaires; one completed by the parent and one by a health professional (GP or paediatrician). Already trace our participants through the NSHCR, however, they do not hold / release patient or GP address information. As many of the families involved change address in the two years after discharge we now have several patients from whom we do not have primary outcome data. Has received ethics approval. Requesting details of 24 participants out of 284. No application form.	2 October 2007	Approved	Addresses supplied by PSD.
07-010	9 Nov 07	Mrs L Scott IT Support Assistant Mental Health Tribunal	Mental Health Tribunal	The database system used by MHTS contains details of circa 400 patients, who have come through the Tribunal system, and for whom no CHI number is held. Looking for either assistance or	6 Feb 08	Approved	<ul style="list-style-type: none"> ▪ PSD would provide the information regarding the 400 patients as part of a catch up (one-off) exercise, split between the three

				<p>advice in obtaining these CHI numbers for each patient. This is a data cleansing exercise to ensure that the date held for each patient is as complete as possible otherwise there is a risk of delay to Tribunal proceedings.</p>			<p>regional offices. In future the MHT should get the CHI number from the source of their information.</p> <ul style="list-style-type: none"> ▪ MHT to provide a named individual at senior level responsible for confidentiality. ▪ All workers who may come into contact with medical information to have signed confidentiality agreements.
07-011	29 Nov 07	<p>Mr Phil Walters Project Manager</p> <p>Health Solutions Wales</p>	<p>Welsh Demographic Service (WDS)</p>	<p>Request for read-only access to Scottish patient details within CHI.</p> <p>Project is to build a substantive Welsh Demographic Service (WDS) with possible links to the English PDS should Wales negotiate the use of English 'spine' services.</p> <p>Health Boards within Wales also have requirements to trace details of Scottish patients presenting for treatment in Wales for:</p> <ul style="list-style-type: none"> - for cross-border charging; - Identification of patients GP; - Basic data quality requirements to confirm identification; - Child protection confirmation for children presenting to A&E <p>Access would be limited to a few specified users and hosted within Health Solutions Wales (a</p>	21 Dec 07	Rejected	<p>Insufficient business justification at present for NHS Wales to access CHI24.</p> <p>Recommendation if a CHI number or details on patients previous GP etc is required then that can be obtained by telephoning PSD.</p> <p>This arrangement can be reviewed once the PDS in England is up and running and we have some clarity on how our CHI infrastructure will be developed.</p>

				division of Velindre NHS Trust) by our demographic team who currently host the initial version of the WDS (called the NHS Administrative Register - NHSAR) and who have access to the English patient details through the National Strategic Tracing Service (NSTS). No application form.			
08-001	18 Jan 08	Mr AH Heard Database Manager Imperial College London	Airwave Health Monitoring Study	The aim of the Study is to investigate any possible impact of the use of Airwave on the health of police personnel. It addresses needs raised in a report by the Advisory Group on Non-Ionising Radiation (AGNIR) on the possible health effects from TETRA. The Study is funded by the National Police Improvement Agency (NPIA). It started in 2003.	25 Feb 08	Approved	NHSCR gave approval for the Airwave Study to go ahead. They agreed to take the Scottish Study members forward using the method of flagging patients on the NHSCR system.
08-002	31 Jan 08	Mrs Muriel Douglas Head of NHSCR Scotland	NHSCR Postcode Phase 2	To give value for money by improving the automatic match rate from CHI updates and other systems and to speed up and reduce the risk of identifying the wrong patient. Correctly identifying the patient is vital to ensure the speedy movement of the patients' medical record envelopes across UK borders.	25 Feb 08	Approved	
08-003	29 Feb 08	Mr T Buik Intelligence Function Lead, Counter Fraud Services	Intelligence Function	CFS requires the intelligence function to gather all intelligence relevant to fraud prevention in NHSScotland on behalf of CFS from within the NHS. All CFS investigative work is recorded within their purpose built case management system, the Fraud Investigation National Database	21 May 08	Approved	

				Scotland (FINDS). All intelligence gathering by CFS staff is recorded within FINDS with reasons for requesting information, authorisation details and shows clear audit trails of accessing information. Information gained from access to CHI will always relate to a specific referral held in FINDS.			
08-004	18 Mar 08	Mr M Hall Head of ICT North East Family Health Services Agency	North East Family Health Services Agency	To enable patients to be traced across the North East/Scottish border. This will enhance the FHS process by reducing costs, and the ability to trace patients in Scotland, reflecting the arrangements already in place for NHS Scotland to trace English patients.	21 May 08	Approved	The group emphasised the need of training for staff that have access to the system.
08-005	8 April 08	Mr Andy Smith NHS Direct Technical Lead NHS Direct	NHSD FluLine Programme	In the event of a Pandemic Flu outbreak, it is anticipated that FluLine will be subjected to a degree of fraud owing to the limited supply of antivirals and the anticipated level of demand for them. Therefore it is important to identify individuals contacting FluLine who have already been authorised or declined antivirals and have a mechanism in place to keep track of this information. The main patient identification process within FluLine will require the individual contacting FluLine to provide a unique identifier associated with the patient. This will be a Health Record Identifier (CHI number in Scotland). Once the patient has been successfully identified (presented details match against	21 May 08	Approved	Subject to certain caveats.

				an extract from the CHI database) they can progress to the clinical assessment stage.			
08-006	Email enquiry only. 20 May 08	Dianna McDonald Surveys Manager Picker Institute Europe	Patient Survey	Surveying NHS patients registered with a GP. Currently surveying patients in England using NHS Administrative records (NHS AIS) and wish to extend survey into Scotland.			No formal application received.
08-007	3 July 08	Dr RS Lindsay University of Glasgow	FIGS Follow Up Study	The Fetal Insulin Glycaemia Study (FIGS) recruited women with type 1 diabetes during pregnancy along with a control group to study the impact of type 1 diabetes in utero. A total of 380 participants were recruited to the study from 1999 to 2001. This is a follow up to this study examining children at age 7 years and has received full ethical approval (MREC 05/MRE 10/80). The aim of the study is to examine whether children of mothers with type 1 diabetes are at greater risk of obesity and glucose intolerance. Have managed to contact the majority of FIGS participants but have not been able to establish a current address or telephone number via secondary care clinics for 155 FIGS participants. The purpose of this application is to update addresses and telephone numbers on 155 FIGS participants using their CHI number and central records to allow contact.	7 Nov 08	Approved in principle	Agreed in principle but there were a number of issues that required clarification: <ul style="list-style-type: none"> • the data retention period of 20 years was considered to be excessive • no mention of proposed approach to identify and exclude participants who were deceased to ensure undue stress on bereaved families • the original patient information sheet briefly states there may be further contact though this is not detailed nor does it request that the individual signs up to this in the related consent form section • it is preferable for participants to be contacted via their GP or Health Board in the first instance to gain consent for follow up

							and inform them about opting out <ul style="list-style-type: none"> the Group wished to see the patient information letter being sent directly to participants following the use of CHI.
08-008	4 Aug 08	Ms G Mackie Scottish Government Analytical Service Division	GP Patient Access Survey	To carry out a postal survey of patients to measure the new Quality and Outcomes Framework (QOF) indicators measuring patient experience of access. The sample of patients will be extracted from the CHI database by ISD analysts. CHI is required to provide a sample of Scottish GP Practice Patients for the Scottish GP Patient Access Survey which will allow survey questionnaires to be posted to the households of patients and to enable each patient to be linked to a particular GP Practice.	30 Sept 2008	Approved	Clarification around certain issues pertaining to: <ul style="list-style-type: none"> Patient information letter and consent form Survey methodology Means of approaching patients was sought and the Chair finally signed off in October.
08-009	27 Aug 08	Mrs G Libby Research Statistician Scottish Bowel Screening Centre	Bowel Cancer Screening Pilot	A pilot scheme to screen for colorectal cancer using the faecal occult blood test was carried out in 3 Health Boards from 2000 -2007. Following on from this a nationwide programme is being rolled out across Scotland. This application is to use the CHI database to generate matched, randomly selected "controls" from non-screening pilot NHS Boards.		Approved	Approved in principle but with some concerns: <ul style="list-style-type: none"> ISD will be accessing the CHI and not the Bowel Screening Centre. This raises a range of questions about the legitimacy, validity and acceptability of undertaking such exercises. Could you reassure us that senior staff within ISD are aware and signed up to this? The application states

							<p>that the Bowel Screening Centre intends to keep the anonymised data on CD. However there was no mention of a minimum retention period or the legitimate rationale for retention. A timescale for the destruction of the data should be set. If the Centre does intend to retain the data, how will it ensure that data is still accessible given the media it is stored upon?</p> <ul style="list-style-type: none"> • Although it is stated that the computer being used will be password protected it should also be encrypted and the individual files with the requested extracts should be individually password protected. • In our view, the CD onto which data is to be transferred for archiving should be encrypted and password protected.
08-010	11 Nov 08	Mr P Martin Programme Manager, ISD	Scottish Patients at Risk of Readmission or Admission (SPARRA)	<p>SPARRA is an established algorithm for determining a patient's risk of emergency inpatient admission in a particular year.</p> <p>An early criticism of SPARRA</p>	Dec 08	Approved	Approved in principle with some caveats.

				<p>was that patient lists often included a number of patients who had died. ISD wishes to use the CHI to provide more up-to-date information on deaths occurring in the historical period.</p> <p>In addition there is requirement to identify the GP practice that the patient is registered with so they can be assigned to appropriate Board/CHP/GP practice population.</p> <p>The CHI would be used to ensure a more up-to-date record of the patient's practice is used to assign the patient to the correct population.</p>			
08-011	11 Dec 08 No application received only email.	Dr H Kohli Caldicott Guardian, NHS Lanarkshire	Advising parents of pre school children of their entitlement to nursery funding	<p>In line with local government legislation, local authorities have a duty to secure a free part time place for children in the term following their third birthday where their parents wish one. Parents do not need to send their child to nursery; the service is not statutory. However, the most recent performance indicators suggest that almost 99% of parents now take up their right to nursery funding.</p> <p>Our local authority partners are keen to have access to CHI to enable them to contact the families directly of children coming up to their pre school free nursery slot to advise them of the free nursery places, and provide them with information to allow them to make informed decisions about their future childcare needs.</p>		Not approved.	Advised that this was not an appropriate use of CHI.

08-012	23 Dec 08	Dr D I Conway Consultant in Dental Public Health. University of Glasgow/NHS National Services Scotland	Childsmile – the national oral health demonstration programme	The <i>Childsmile</i> programme is the national child oral health demonstration programme in Scotland (www.child-smile.org). It aims to improve children's oral health and redesign children's NHS dental services in Scotland. The Childsmile Practice component is focused on children (and parents) from socio-economically deprived areas (initially in the Boards in the west of Scotland – NHS GG&C, NHS Lanarkshire, and NHS A&A) targeted via the Scottish Index of Multiple Deprivation (SIMD). As part of the Childsmile development and evaluation process we need to link the Childsmile data to the national CHI (look-up) database – this is for the purposes of validating the children's demographic data and for ensuring the validation of the Childsmile database.	24 June 09	Approved.	The group noted that if full uptake and coverage of CHI earlier in the process of care was used that this would obviate the need for many of the applications, including this one, to come to the group for consideration.
09-001	26 Jan 09	Miss B Wayne Systems Developer Health Protection Scotland	Electronic Communication of Surveillance in Scotland (ECOSS)	Through ECOSS HPS receives, electronically, all positive reports of significant organisms from all NHS laboratories in Scotland. Patients often have many samples taken over the period of their illness. Consequently, HPS will have numerous positive reports from the same patient for the same episode of infection. Although HPS wishes to keep all these records in the database, for reporting purposes HPS would like to count only the first of these reports to give a more accurate	12 Mar 09	Not approved.	Overall the group suggests that in the first instance HPS should populate the missing the CHI numbers; CHI 24 would be appropriate for short-term use for this purpose.

				<p>representation of rates across Scotland.</p> <p>To enable reporting of organisms based on episodes of infection (Phase 2), HPS is addressing several issues, including how to identify related records. Ideally CHI number would provide this identification, but it is not always populated on ECOSS reports and is sometimes populated with another number, e.g. a patient ID number. Access to the National CHI Database would help resolve this issue.</p>			
09-002	5 Feb 09	Dr John Ross Senior Lecturer/Honorary Consultant University of Aberdeen	Long Term effects of carbon monoxide poisoning: Pilot Study	<p>Symptoms of carbon monoxide poisoning (COP) are non-specific and may be confused with a number of other conditions including viral illness, food poisoning and myocardial infarction and there is considerable concern that the condition is under-diagnosed.</p> <p>The main aims of a full study are to identify the incidence and nature of long term health problems after carbon monoxide poisoning incidents, investigate whether these incidents are preceded by undiagnosed episodes and establish a cohort of recent cases for longer-term follow-up.</p> <p>Using SMR01 data we wish to identify cases of accidental carbon monoxide poisoning and matched cases of acute</p>	19 Feb 09	Access to CHI not required.	As the study did not specifically need CHI numbers, all they required was the route to get to the GP information – it was suggested that NHSCR would be able to help them with the requirements.

				appendicitis. We then wish to trace cases and to send them a questionnaire via their general practitioner.			
09-003	9 Feb 09	Mr A Smith Technical Lead NHS Direct	NHSD FluLine	An increasing number of scientists believe that an influenza pandemic is 'inevitable and imminent'. The UK governments have committed to the stockpiling of antiviral drugs for 50% of the population. In the event of an outbreak, it is anticipated that FluLine will be subject to a degree of fraud owing to the limited supply of antivirals and the demand profile for them. It is therefore important to identify whether patients who contact FluLine have been previously authorised or declined antiviral drugs and record this information centrally. Current solution design requires the patient to provide a unique identifying number when they contact FluLine; for Scotland this will be the CHI number.	19 Feb 09 24 June 09	Approved in principle at Feb meeting. Final confirmation sent after clarification on points received.	Security of data clarified. The purpose for which you wish to use CHI is to satisfy the information governance requirement that you have written permission from each UK country to gain access to a subset of patient demographic data for use during an influenza pandemic. This is different to the application previously made in 2008. Therefore we request that you complete a further application form in order that we have an explicit audit trail. Nonetheless, the purpose is appropriate and the necessary safeguards are in place.
09-004	9 Feb 09	Miss L Hutchison Programme Manager National Services Division, NSS	Universal Newborn Hearing Screening Programme - CHI/eSP Interface	The UNHS programme is responsible for ensuring all babies in Scotland are offered a hearing impairment screening within days and in some cases within hours of birth, making this one of the earliest systems to utilise CHI. Whilst UHNS is well established the use of CHI would greatly improve overall effectiveness.	19 Feb 09	Approved	Confirmation of security protocols with Northgate and ATOS required.

09-005	10 Mar 09	Professor JM Starr Co-Director of University of Edinburgh Centre for Cognitive Ageing & Cognitive Epidemiology	Lothian Birth Cohort (1936) Study Royal Victoria Hospital, Edinburgh	The LBC1936 Study is a multidisciplinary research project addressing the causes of individual differences in cognitive ageing. Participants will undergo several examinations at NHS facilities in Edinburgh and because the study is longitudinal they will be asked to return for repeat assessments. CHI will be the principal identifier to facilitate the accurate and confidential transfer linkage of data between LBC1936 and NHS systems. In future CHI numbers will be used by the LBC1936 project to centrally flag participants for morbidity and mortality.	8 June 09	Approved	Well established longitudinal study now faces the challenge that people who have previously given their consent to be part of the study are scattered geographically. Different routes are being used to find their up-to-date contact information. There has been a very high uptake over the years with no suggestion that people who have previously given their consent now wish to withdraw. NHS Lothian have previously helped with this study but this application was to progress the study nationally.
09-006	19 Mar 09	Dr K Sinka Senior Epidemiologist, Health Protection Scotland	Human Papilloma Virus Programme Surveillance	Data on each subject will be collected through data linkage of the subject's cytology, colposcopy and histology results with their demographic data as collected on the Scottish Cervical Screening Call Recall System (SCCRS) and with their vaccination history as recorded on the Child Health Surveillance Programme – Schools database (CHSP-S) 3 pieces of Personally Identifiable Data will be extracted and used to link records from each system to the correct individual.	8 June 09	Approved	<ul style="list-style-type: none"> • Recommended that the full date of birth was not required for this study and that the month of birth only be used. • A separate application to be made to the group if the same dataset was to be used for other purposes. • For secure transfer of data you agree to use the NHSCR method of double enveloping data in paper format

							and sending it by registered mail.
09-007	25 Mar 09	Mr P Docherty Senior Developer NHS Greater Glasgow & Clyde, Health Information & Technology	Identifying unmet need in Coronary Heart Disease care in Paisley, using 'Have a Heart Paisley's' Chronic Disease Register- NHS Greater Glasgow & Clyde funded research & PhD study.	<p>The aims are to explore and describe the determinants of unmet needs in Coronary Heart Disease care and services within Paisley, Renfrewshire. The focus of the research is analysis of data stored in Have a Heart Paisley's (HaHP) Chronic Disease Register (CDR).</p> <p>The CDR is essentially a database which links patient information from Primary and Secondary care settings with demographic data and Scottish Morbidity Records (SMR).</p> <p>A download from the National CHI was requested and granted for the initial development of the Paisley Chronic Disease register in 2004/05. This request is simply to update these records- i.e. to take account of people having moved in or out of Paisley since 2005. The updated CHI data will be linked to other data sources within the Disease register for the purpose of the research.</p>	June 09	Approved	<ul style="list-style-type: none"> No issues surrounding the formulation of the register with CHI as the main tool for record linkage. However the group needs to know if what was proposed was local as opposed to national. If it is local then it would require local approval rather than the approval of the CHI Advisory Group, and in that case would a local download be more appropriate than a download of the whole CHI. Need to ensure that the work confirms to the standards set by the Privacy Advisory Committee and to meet any requirements of the local CHI Guardian.
09-008	16 Apr 09	Mr D Heather HIC Operations Manager University of Dundee Ninewells	Childsmile@HIC Dental health Data Management Project	<p>The Childsmile@HIC Data Management Project previously received CHIAG approval for the initial 6 Health Boards involved. Now the programme is being rolled out more widely across Scotland, specifically to Shetland, Orkney, Grampian, Highland and Western Isles and has been expended to provide integrated support to other dental</p>	23 June 09	Approved subject to the proviso.	<p>Wish to know if the linkage process is automatic and if wish to know that there are appropriate safeguards in place and what these are.</p> <p>Approval letter issued 7 Sep 09</p>

				programme, including the national tooth-brushing programme. Now seeking approval for Scotland-wide access to CHI.			
09-009	8 May 09	Mr Duncan Buchanan Head of Programme Head of Primary Care/Statistics Information & Statistics Division, NHS National Services Scotland	GP Patient Experience Survey	<p>The survey aims to collect comprehensive information from people registered with GP practices in Scotland on their experience of treatment at their practice, as part of the Better Together programme (www.bettertogetherscotland.com), which aims to use patient views for improvement as outlined in Better Health Better Care.</p> <p>ISD require in summer 2009 to access the most recent available extract of patients currently registered on CHI, in order to derive a random sample of currently registered patients (taken from those who were aged 16 years and above on 1st October 2008).</p>	8 June 09	Approved subject to the proviso.	Main concerns surround the use of CHI as a sampling frame, which is not what CHI was originally intended for (and therefore heightens the importance of consent), and security of the data, given the involvement of a third-party contractor. The group requires written assurance that these specific concerns will be addressed.
09-010	18 May 09	Dr Andrew Stanfield, Clinical Research Fellow, Royal Edinburgh Hospital	A clinical neuropsychological and magnetic resonance imaging study comparing autism spectrum and schizophrenia spectrum disorders	<p>Psychiatric diagnostic categories are defined almost exclusively on observed clinical features. As a result diagnoses often overlap as in the case of autism spectrum and schizophrenia spectrum disorders. It can be difficult to distinguish between these conditions and indeed it is not even clear if they should be classified separately. The primary aims of the proposed research are:</p> <ol style="list-style-type: none"> 1) to identify clinically useful measures which may assist in distinguishing these disorders 2) to validate the separate 	26 June 2009	Approved subject to the proviso	<p>Contact must be made by the GP in the first instance as the individual's health may have deteriorated therefore fresh consent may be required.</p> <p>Security and length of time data stored including monitoring and destruction of data. Clarification was sought as to who would be responsible for destroying the data. Also formal audit and</p>

				<p>classification of these disorders by identifying biological markers which distinguish between them.</p> <p>CHI is required to trace individuals who have taken part in a previous research study in the Division of Psychiatry but who have changed their contact details since they were last seen. Names and DOB are already held it is purely contact details that are required.</p>			<p>monitoring procedures should be in place.</p> <p>Approval letter issued 23 July 2009</p>
09-011	1 June 09	Mr A Mahmoud Information Analyst ISD, NHS National Services Scotland	A detailed investigation of factors predicting practice workload as measured by practice team information (pti).	<p>This is an MSc dissertation project in collaboration with the ISD/HIG/Practice Team Information (PTI) team. Mr Mahmoud is investigating the factors that influence general practice workload by looking at the numbers of contacts and how these are affected by different factors. It is known that people commonly assume that age and gender are dominant factors on practice workload. He would like to examine any possible associations between the factors listed below and the likelihood of practice attendance. By linking PTI data with: Community Health Index data; Scottish index of multiple deprivation (SIMD) data, including its domains; and a number of other deprivation factors from the 2001 censuses.</p>	26 June 2009	Approved	<p>Security of data was raised as an issue among the group. Clarification was sought as to who would be responsible for destroying the data and what security protocols would be in place.</p> <p>Approval letter issued 5 November 2009</p>
09-012	24 Jun 09	Miss B Wayne Systems Development Manager Health Protection	H1N1v Case Investigation Database for surveillance and investigation of the Influenza A H1N1variant outbreak	<p>Access to CHI requested to link case/contact data from Influenza A(H1N1)v investigation forms to related virology testing results. In so doing better quality epidemiological analysis would</p>	7 Oct 09	Approved	<p>The application gave little information on any monitoring and audit of the use of the data. A fuller description of the physical security around</p>

		Scotland	in Scotland	be produced and enable key stakeholders to be informed of accurate information on transmission patterns and likely scenarios.			the storage of the data on HPS premises would be helpful. There was concern that the application did not specify the length of time the data would be stored or that it would be destroyed. Approval letter issued 12 Oct 09
09-013	26 Jun 09	Ms M McCulloch Health Service Integration Manager Scottish Prison Service	Prison Health Care IM&T Programme	Although the SPS is a separate provider of health care to all prisoners in Scotland, plans to transfer responsibility for health care services to NHS Boards are underway. The SPS would like to develop a comprehensive recording of the CHI number to support the health care of offenders. For this reason, permission is requested to use the CHI routinely, initially to facilitate communications with NHS care providers in hospital, community and primary care, and incorporate the capability to record and use CHI on a routine basis in health information systems.		Discussions ongoing	
09-014	1 Sep 09	Mr David Knowles Director Practitioner Services Division	CHI Data Quality Assessment	Access to full CHI index required to carry out analysis of data quality	7 Oct 09	Initial Assessment Approved	
09-015	2 Sep 09	Mrs Alison Sweeney Project Manager NHS 24	Life Begins @ 40	It is proposed that the CHI database be used to provide contact details for those turning 40 which would be used to populate a standard letter. The	Dec 09	Pilot Approved	

				<p>mailer would include a unique but non-identifiable username and password which would give the individual entry to the service. The individual would then have the ability to choose to remain anonymous or volunteer identifiable information themselves. A data feed from ATOS origin would populate the questionnaire database with the non-identifiable username and password (date of birth) only.</p>			
09-016	20 Nov 09	<p>Dr C M Verity Principal Investigator/ Paediatric Neurologist</p> <p>GBS Surveillance Team</p>	<p>Active prospective surveillance for Guillain-Barre syndrome (GBS) and Fisher syndrome (FS) in Children</p>	<p>To evaluate both vaccination and swine influenza illness as potential risk factors for GBS and FS in children.</p> <p>CHI, as a unique identifier, required for matching cases and/or removing duplicates within single source and between sources and identifying cases to reporting clinicians, e.g. at follow-up.</p>	4 Feb 10	Approved	
10-001	13 January 2010	<p>Paul Wiggins</p> <p>North Cumbria University Hospitals NHS Trust</p>	<p>North Cumbria University Hospitals NHS Trust</p>	<p>To cleanse information relating to patients registered with a GP in Scotland (NHS Dumfries & Galloway and NHS Borders).</p>	25 May 2010	Approved	
10-002	11 June 2010	<p>Anne Miles Senior Research Associate</p> <p>Cancer Research UK/University College London</p>	<p>The impact of interval cancers in faecal occult blood (FOBT) screening on adjustment to a cancer diagnosis and attitudes to screening.</p>	<p>To discover whether having a cancer diagnosed after a normal (clear) faecal occult blood test (FOBT) result (referred to as an 'interval cancer') leads to poorer psychological adjustment compared with having cancer diagnosed following an abnormal FOB test or diagnosed in the absence of an invitation to</p>		In progress	

				complete an FOB test.			
10-003	1 June 2010	Mr P Martin Programme Principal Information Services Division	Emergency Hospital Admission from Care Homes	To use the CHI care home flag to identify care home residents in order to allow this national improvement measure to be accurately calculated. Identifying care home residents will further enhance the value of the Scottish Patients at Risk of Readmission and Admission (SPARRA) outputs for users. The availability of care home residence status will allow it to be evaluated as a potential risk factor for inclusion within the SPARRA algorithm.	10 June 2010	Approved	
10-004	20 August 2010	Mrs A Sweeney Project Manager NHS 24	Life Begins @ 40 National Roll Out	Use of CHI Database for the national roll-out of the Life Begins at 40 service. More detailed information under the pilot application above.	21 December 2010	Approved	Approval subject to tight information governance
10-005	13 December 2010 - resubmission	Miss F Maxwell Neurosurgery Manager Dept of Clinical Neurosciences Western General Hospital	MiDIS	MiDIS is an established system, developed and hosted by NHS Tayside, which is extending to cover clinical audit in neurosurgery. Patient demographic data is currently extracted from local SCI store. However, as the Neurosurgery units are regional, Glasgow, Dundee, Aberdeen and Edinburgh, patients may come from any NHS Board area. Extracting basic demographic data from national CHI would be more practical for the purposes of the neurosurgery database.	4 March 2010	Approved	
10-006	5 November 2010	Dr Catriona Hayes The Scottish Government	GP Access Survey	To measure performance on the Patient Experience of Access indicators PE7 and PE8 specified in the Quality and Outcomes Framework (QOF) of the GMS	15 November 2010	Approved	

				contract. A postal survey will be sent to a random sample of patients in each of the GP practices that have opted into the survey this year. Only practices that did not receive full QOF points last year were invited to take part.			
10-007	17 December 2010	Prof Jane Norman University of Edinburgh	STOPPIT Follow up Study	The aim of the study is to determine the potential adverse and beneficial effects on child health and behaviour at 3 – 6 years of age, of prophylactic in utero progesterone given in twin pregnancy (to reduce the risk of preterm delivery). We will do this by following up the children of women who were previously recruited to a randomised clinical trial (STOPPIT) which was completed in 2008. Women in the trial were given either progesterone (90mg) daily from 24 34 weeks gestation or matching placebo. The CHIAG request is to (1) let us know which women and their babies have died, so that we will not contact them and (2) to give us a current address for the women whose names and (previous) addresses already held.	19 April 2011	Approved	
10-008	23 December 2010	Mr Chris Lawrie Improvement & Development Manager NHS Grampian	Addition of CHI to NHS Grampian Occupational Health OPAS System	The possibility of adding CHI number to the OHS OPAS system as an identifier. ISD would be required to complete matching between the current OPAS records and the CHI equivalents. This would be uploaded to the OPAS system with help of a script from software		In progress	

				providers. A manual process for looking up and adding CHI numbers of new clients is also required.			
10-009	15 December 2011	Dr Matt Egan Senior Investigator Scientist MRC/CSO Social & Public Health Sciences Unit	GoWell	Requested use of CHI to track residents over time to study the impacts of regeneration.	7 April 2011	Approved	
11-001	19 January 2011	Mr Andrew Maxwell Head of Data Services NHS Blood & Transplant	National Transplant Registry & NHS Organ Donor Register	Requested use of CHI to maintain NHS Organ Donor Register and the UK Transplant Registry		Approved	
11-002	7 February 2011	Dr Tom Russ Alzeihmer Scotland Clinical Research Fellow Scottish Dementia Clinical Research Network	Geographical Clustering of Late Onset Dementia	Use CHI for record linkage to investigate the geographical clustering of late-onset dementia	8 April 2011	Approved	
11-003	23 February 2011	Ms Jane Stephenson Project Manager Clevermed	Addition of CHI to NHS Grampian Maternity and Neonatal System	Clevermed would like to provide the facility for CHI numbering to newborns. This patient identifier would then be linked with the patient data collected within maternity and neonatal care. As newborns inherently do not have a CHI number, this would need to be obtained through the Community Health Index	28 June 2011	Declined	
11-004	14 April 2011	Dr Catriona Hayes Statistician	Better Together Programme – Scotland's GP Patient	Survey to collect comprehensive information from people registered with General Medical	13 July 2011	Approved	

		The Scottish Government	Experience Survey	Practitioners in Scotland on their experience of treatment at their practice. Part of the Better Together Programme. Feedback to be used for improvement as outlined in the Healthcare Quality Strategy.			
11-005	14 April 2011	Dr Ganka Mueller Head of Alternative Sources National Records for Scotland	Beyond 2011: Feasibility Study of Census Alternatives	A one-off download from the CHI database containing full address for each person registered and their NHS number. The address information should relate as close as possible to the census date (27 March 2011) to enable a valid comparison with the results from the census.	6 October 2011	Approved	
11-006	19 April 2011	Mr Andrew Kernan Business Improvement Principal Practitioner Services Division	Safe & Effective Identification of Dental Patients	Access to CHI is requested to maintain accurate records – remove deceased, embarked patients & duplicates. Improve patient linkage. Support patient examination ensuring treatment received was required and carried out to a high standard. Referrals to secondary care and between primary care practitioners managed accurately & efficiently. Provide CHI number to Dental Practitioners for patients registered with them.	18 July 11	Approved	
11-007	20 May 2011	Mr Arthur Bolton General Manager East of England Ambulance Service NHS Trust	Joint working Initiative for the benefit of NHS Scotland Health Boards and the East of England Ambulance Service NHS Trust	Use CHI to identify the correct Health Board to be invoiced for the transfer of Scottish patients to Papworth Hospital.	22 December 2011	Declined	Reason – disproportionate use. Would be better to ensure that the hospital arranging the transfer provided the CHI number directly.
11-008	8 June 2011	Dr Anne Miles Lecturer in Health Psychology Birkbeck/University of London	The impact of interval cancers in faecal occult blood (FOBT) screening on adjustment to a cancer diagnosis and attitudes to screening.	Use CHI to identify patients suitable for the study.	6 October 2011	Approved	

11-009	14 June 2011	Martin Donaghy HPS Medical Director & Caldicott Guardian Health Protection Scotland	Amendment to CHI Approval	To use data held within CHI24 to support improvements to the data quality of HB of Residence of data held within ECOSS	14 October 2011	Approved	
11-010	11 July 2011	Christian Schnier Senior Epidemiologist Health Protection Scotland	Association between diabetes, hepatitis C virus infection and clinical hepatitis in Scotland	Use CHI to enable linkage of records from the Health Protection Scotland databases to the Scottish Diabetes Database and generation of a stratified random sample of individuals not diagnosed with HCV.	31 October 2011	Approved	
11-011	23 July 2011	Markus Steiner Research Fellow University of Aberdeen	Prescribing & Dispensing Practice for Asthma Medication in Scotland	To enable extraction of information from the national dispensing and prescribing databases to identify how many people with asthma in Scotland are receiving the correct medication.	31 October 2011	Approved	
11-012	1 August 2011	David Hewson	National Pandemic Flu Service	UK-wide solution to validate the identity of patients who contact NPFS during an influenza pandemic and expedite the patient journey through the system	withdrawn		
11-013	22 August 2011	Katy Sinka Epidemiologist Health Protection Scotland	Amendment to CHI Approval - HPV Immunisation Programme Surveillance	Evaluate the impact of the HPV Screening programme in Scotland.	31 October 2011	Approved linkage of datasets from National Colposcopy Clinical Information System, Scottish Cervical Call & Recall System and Child Health	Further discussion required before approval given to linkage to biopsy samples.

						Systems Programme – School	
11-014	26 August 2011	Mr Peter Martin Programme Principal NSS Information Services Division	Amendment to CHI Approval - Emergency Hospital Admissions from Care Homes	Include the use of full postcode and addresses to allow analysis of admission patterns from different types of care homes and from individual care homes. This is to aid better informed benchmarking and integrated service planning.	23 September 2011	Approved	
11-015	29 July 2011	Dr Chris Verity Consultant Paediatric Neurologist/Prin cipal Investigator Addenbrooke's NHS Trust	Amendment to CHI Approval - Gullain-Barre & Fishers Syndromes	Extension to existing arrangement for the use of CHI data until 20 March 2012.	31 October 2011	Approved	
11-016	26 September 2011	Ms Belinda Henshaw Programme Manager NSS National Services Division	Abdominal Aortic Aneurysm (AAA) Screening Programme	Invite all men aged 65 registered on CHI for AAA Screening.	31 October 2011	Approved	An appropriate gatekeeper approach required to safeguard patient information.
11-017	30 September 2011	Dr Narinder Bansal Research Fellow University of Edinburgh	Enhancing the Scottish Health and Ethnicity Linkage Study (SHELS) by adding respiratory and gastrointestinal mortality/morbidity data and assessing the value of linking primary care risk factor data	Enable linkage of ISD data on respiratory and gastrointestinal morbidity and mortality to 2001 Scottish census data.	31 October 2011	Approved	
11-018	18 October 2011	Prof Nora Kearney Principal Investigator	Evaluation of the impact of Advanced Symptom Management System (ASyMS) on the care delivered to	Permission requested to store patient identifiable data including the Community Health Index in the ASyMS system to enable clinical intervention for	22 December 2011	Approved subject to reassurance on IT security arrangements	

		University of Dundee	people with breast and colorectal cancer receiving adjuvant chemotherapy: The ASyMS III Study	chemotherapy related toxicity.			
11-019	20 October 2011	Mr Peter Martin Programme Principal NSS Information Services Division	Social Care, Housing & Health Data Linking Project	To enable linkage of health and social care datasets. Access to the CHI dataset care home residence flag also requested.	19 December 2011	Approved subject to Ethics Committee Approval	Research must be carried out without the influence of the Scottish Government.
11-020	24 November 2011	Miss Ann Thomson Research Assistant Imperial College London	HTA/ 04/33 Frequency of Follow-up for Patients with Intermediate Adenomas	To enable ISD to clean patient information in the study's dataset then match this information to data from the cancer and death registries.	22 December 2011	Approved	
11-021	22 December 2011	Mrs Pam McVeigh Department Manager – New Business NSS – National Information Systems Group	Optometry - Electronic referrals/payments	To allow Optometrists access to CHI and include the CHI number on all referrals. Use of CHI also requested to support a move to electronic processing of payments by PSD.	24 February 2012	Approved	
12-001	4 January 2012	Dr D F Mackay Senior Lecturer University of Glasgow	Impact of health interventions on educational outcomes: an exemplar study of the management of breech infants	To enable national level data linkage from the health and education sectors in Scotland in order to demonstrate its utility by studying the impact of guidelines changing the mode of delivery of breech infants on their educational outcomes	24 Feb 12	Approved	
12-002	5 January 2012	Prof Heather Cubie Director of Scottish HPV Reference Laboratory University of	Preventing Cervical Cancer: Creating a Scottish HPV archive	Upload onto the archive database relevant clinical and immunisation data accessed by HPS for their HPV surveillance programme and similar data fields for samples collected outwith surveillance.	24 Feb 12	Approved	The Group would wish secure electronic transfer of information rather than by CD in the post

		Edinburgh					
12-003	19 January 2012	Dr Lesley Holdsworth AHP Associate Director NHS 24	National Musculoskeletal Advice and Triage Service (Pilot)	Access to CHI 24 to ensure patients are identified correctly and enable onward referral if appropriate.	08 Mar 12	Approved	
12-004	12 Jan 12	Kevin Campbell MCN Manager West of Scotland Cancer Network	e-CASE (electronic Cancer Audit Support Environment)	Request permission to access the national CHI database to populate demographic data on new records created on the e-CASE national system.	02 July 12	Approved	
12-005	03 Feb 12	Mrs Carolyn Wilson Family Nurse Partnership Programme Manager Scottish Government	Family Nurse Partnership Programme	Request to extract basic demographic data for patients participating in the Family Nurse Partnership Programme from the national CHI database and populate these fields in the MiDIS clinical database.	28 May 12	Approved	
12-006	06 Mar 12	Dr AJ Drake Scottish Senior Clinical Fellow University/BHF Centre for Cardiovascular Research	Maternal obesity in Scotland; association with subsequent fertility and social mobility through an historical cohort study.	Request to use CHI as a unique identifier to allow record linkage between the index SMR02 record and subsequent SMR02 and SMR01 records. For women who did not have subsequent SMR02 or SMR01 records the CHI database would be used to obtain current SIMD quintiles. The CHI database would also be used to identify women who had emigrated or died.	18 May 12	Approved	
12-007	18 Apr 12	Mrs Emma Law Manager SDCRN	Scottish Dementia Research Interest Register	Request permission to use the Community Health Index (CHI) to perform a final data quality check for patients that had previously consented to be involved in research studies. This was requested to prevent	28 May 12	Approved	

				inappropriate contact with patients that had moved or died since being identified as meeting study criteria.			
12-008	16 Aug 12	Ms K Smith Survey Manager Centre for Longitudinal Studies Institute of Education	Millennium Cohort Study- Fifth Sweep Tracking through Health Records	Request permission to use the CHI database to trace the families of cohort children whose whereabouts were currently unknown in order to invite them to participate in the age 11 follow-up.	08 Nov 12	Approved	
12-009	20 Aug 12	Dr A Wong Senior Research Study Manager MRC Unit for Lifelong Health & Ageing	MRC National Survey of Health and Development	Request permission to use the CHI database to re-establish contact with study participants who have been lost.	08 Nov 12	Approved	
12-010	27 Aug 12	Dr J R Robertson GP Principal Muirhouse Medical Group	A pilot study to examine feasibility of prospective and retrospective data collection on a primary care based cohort of injection drug users and non-injecting controls through linkage to administrative health related records	Request permission to use the CHI database to trace patients embarked from Muirhouse Medical Group who are participants in the Edinburgh Addiction Cohort. Permission was also sought to use CHI numbers for data linkage to produce full medical histories.	10 Dec 12	Approved	
12-011	02 Sept 12	Mr R Young Department Manager – Integration Cirrus	CHI Matching access from SCI Gateway for Primary Care Contractors and Secondary Care Services for electronic messages within SCI Gateway	Request permission for Primary Care Contractors and Secondary Care services within the SCI Gateway access to the CHI database to obtain CHI numbers for patients and make use of the CHI matching solution. Use of the CHI number on referral letters	18 Oct 12	Approved	

				from these organisations was also requested.			
12-012	18 Sept 12	Dr C Schnier Senior Epidemiologist Health Protection Scotland	Use of laboratory based surveillance data to estimate the number of people chronically infected with hepatitis B living in Scotland	Request permission to use the CHI database to classify a large random sample into ethnic groups using Onomap software.	18 Oct 12	Approved	
12-013	10-Oct-12	Mrs M Worsfold Patient Fraud & Communications Manager CFS NSS	Identification of Overseas Visitors obtaining free NHS services to which they are not entitled.			Not Approved	
12-014	25-Nov-12	Prof J Cuzick Head of Centre for Cancer Prevention Wolfson Institute for Preventative Medicine	IBIS-I (International Breast Cancer Intervention) Epidemiological cohort study.	Request permission to add the GP code to the current CHI dataset you receive	10-Dec-12	Approved	
12-015	25-Oct-12	Mrs Sophie David Patient Experience Analyst Scottish Government	Better Together Programme – Scottish Maternity Patient Experience Survey 2013	Request permission to use the CHI database to identify the names and addresses of a random sample of women who gave birth in February and March 2013.	11-Dec-12	Approved	
12-017	27-Nov-12	Mrs D Orr Nurse Consultant Scottish Government	Cancer Treatment Helpline	Request permission to access CHI numbers to correctly identify patients using that Cancer Treatment Helpline requiring referral through the SCI Gateway into secondary care services for urgent medical assessment.	11-Dec-12	Approved	

13-001	04-Jan-13	Prof. S Bhattacharya University of Aberdeen	Long term health of women diagnosed with endometriosis: a Scottish record linkage study	Request permission to access CHI database to select age matched controls. The use of the CHI number will also ensure there is no duplication with the other groups.	21-Feb-13	Approved	
13-002	07-Feb-13	Mr G Gault NHS Dumfries and Galloway	Optometry – Electronic referrals/payments	Additional information request- GP practice details	21-Feb-13	Approved	
13-003	25-Apr-13	Mr A Comrie Golden Jubilee Hospital	NHS24 Future Programme	Request permission to use the Community Health Index (CHI) database to test the performance of a new NHS24 system by assessing its ability to search the entire CHI database in reasonable time.	16-May-13	Approved	
13-004	10-May-13	Prof.RJC Steele Medical Research Institute	Improving the detection of colorectal cancer: can candidacy help?	Request permission to use the Community Health Index (CHI) database to identify a sample for invitation to participate in this study.	16-May-13	Approved	
13-005	10-May-13	Mrs K MacLachlan National Records of Scotland	National Records of Scotland (NRS) Population Estimates Comparison Project – Pathfinder for the Beyond 2011 Programme	Request permission to use the Community Health Index (CHI) to identify patients who receive health care services but who are not included on the National Health Service Central Register.	16-May-13	Approved	
13-006	17-Jun-13	Prof D Weller University of Edinburgh	Cancer Benchmarking	To identify patients with selected cancers shortly after diagnosis in order to be invited to participate in a questionnaire survey.	04-Nov-13	Approved	
13-007	21-Aug-13	Mrs G Libby University of Dundee	Geographical Differences in the uptake of colorectal and breast cancer	To identify the postcodes of people invited to participate in the bowel and breast screening programmes. Identification of	17-Oct-13	Approved	

			screening in Scotland	these postcodes would enable linkage of the screening data set to the 2011 Census data.			
13-008	22-Aug-13	Dr M Carter Scottish National Blood Transfusion Service	SNBTS/NHS24 Blood Donor Response Unit	To identify the CHI record of callers to NHS24 for the purpose of identifying current and potential blood donors. CHI data will also assist with indexing queries and requests accurately and identifiably.	25-Oct-13	Approved	The CHI Advisory Group recommended that the donor records on e-Progresa be updated on a regular basis with death data.
13-010	02-Sep-2013	Mr R Dobbie NHS NSS - ISD	2014 Inpatient Experience Questionnaire	To identify the names and addresses of randomly sampled hospital in-patients who were discharged in Scotland between April and September 2013 in order to send them a survey questionnaire.	17-Oct-2013	Approved	Practitioner Services to be advised of returned mail so CHI database can be updated.
13-011	26-Sep-2013	Ms C Sinclair The Scottish Government	CHKS – Insight Acute Hospital Benchmarking Tool	Access requested to use CHI as part of the dataset to populate the CHKS Insight system.	04-Nov-2013	Approved	The five outstanding mitigating actions from the risk assessment must be addressed. Encrypted mobile removable devices should not be used to transfer data.
13-012	03-Dec-2013	Mr T Robertson National Records for Scotland	Data Sharing and Data Linkage Service	To create a Data Sharing and Linkage Service by National Records of Scotland	17-Dec-13	Feasibility Study only Approved	At this stage the CHIAG only approved a feasibility study to test linkages and audit governance. MoU required between NRS and NSS before full approval granted.
14-001	06-Jan-14	Ms S Walker National Records for Scotland	Scottish Longitudinal Studies (SLS)	To include Community Health Index (CHI) postcode history data in the current extract to provide a more accurate location of SLS member during inter-censal periods.	22-Apr-14	Approved dependent upon the condition noted	CHIAG approval of a robust MoU between NRS and NSS

14-002	07-Jan-14	Dr D Cromie NHS Lanarkshire	HP-Zone	To correctly identify individuals whose information will be entered into the electronic public health case management and surveillance tool (HPZone). All details recorded against a case will be linked to CHI within the system and will enable the use of SCI-gateway.	04-Mar-14	Approved	A process for handling non-matching CHI numbers needs developed.
14-003	08-Jan-14	Dr J D Lewsey University of Glasgow	Scottish Alcoholic Liver Disease Evaluation of epidemiology and costs of first and subsequent hospital admissions (SCALE)	To identify a control group for the above study. An anonymised CHI data extract will also be linked to ACaDMe (SMR01, 04, 06 and GROS deaths records) by ISD.	03-Mar-14	Approved	
14-004	09-Jan-14	Dr C G M Fernie Health Improvement Scotland	Death Certification Review Programme	To cross check the accuracy of patient information included on the Medical Certificate Cause of Death. CHI access has also been requested to determine a patient's registered GP when paper records are required and ensure that the correct records are provided.	28-Feb-14	Approved	
14-005	30-Jan-14	Ms L Colquhoun NHS NSS - NSD	Digital Mammography	To use the Community Health Index (CHI) to seed the new breast screening IT system and broaden the screening cohort by including those not registered with a GP.	24-Jul-14	Approved	
14-006	24-Jan-14	Mrs L Thomas University of Bristol	The CoBaIT Study	To use the Community Health Index (CHI) to identify the current GP, home address and postcode of twelve patients from Glasgow who had moved following their original participation in the trial but consented to being re-contacted.	04-Mar-14	Approved	

14-007	21-Feb-14	Mr A Deans University of Edinburgh	Scottish Alpha-1 Antitrypsin Deficiency Audit	To use the Community Health Index (CHI) of patient's positive for Alpha-1 Antitrypsin Deficiency for CHI seeding and checking of duplicates by ISD. Verified CHI numbers will be used by the researcher to follow up FEV1 and smoking status whilst simultaneously used for separate linkages with ISD held databases. Missing CHI numbers from source data will be added to the data set.	03-Apr-14	Approved	
14-008	24-Apr-14	Prof J Cuzick Centre of Cancer Prevention	The International Breast Cancer Intervention Studies (IBIS-1, IBIS-II Prevention & IBIS-II DCIS)	To identify the current GP and home address of previous IBIS patient participants.	19-Jun-14	Approved	
14-009	17-Apr-14	Mr E Hotchkiss NHS NSS - PSD	Optometry – Electronic referrals/payments (Payments Stream)	Permission requested for Optometrists to access the Community Health Index (CHI) through a CHI matching facility offered by NHS National Services Scotland.	19-Jun-14	Approved	Subject to assurance that ophthalmic contractors had secure, encrypted, remote access to services within N3
14-010	17-Apr-14	Mr K Truslove NHS NSS - PSD	National Smoking Cessation Service in Community Pharmacy – Pharmacy Care Record	Permission requested for Pharmacists to identify the Community Health Index (CHI) through a data matching facility and record it on the Pharmacy Care Record. This is necessary as the CHI number is a mandatory element of the existing national smoking cessation minimum dataset.	19-Jun-14	Approved	
14-011	19-May-14	Mrs M Parsons NHS NSS - PHI	Community Nursing Activity Data	To collect patient identifiable data including the Community Health Index (CHI) in order to develop cost data for community activity.	01-Jul-14	Approved	

				CHI will also be used to link other health and social care datasets.			
14-012	19-May-14	Mrs M Parsons NHS NSS - PHI	Health & Social Care Data Integration and Intelligence Project	Permission requested to use the Community Health Index (CHI) to seed social care data in order to link it with health data.	01-Jul-14	Approved	
14-013	26-May-14	Professor Helen Cheyne University of Stirling	Health and wellbeing after childbirth: a follow-up of the Scottish national maternity care survey cohort	To identify the names and addresses of the women who indicated in the Scottish Maternity Care Survey 2013 that they wanted to participate in future surveys.	03-Jul-14	Approved	
14-014	04-Aug-14	Prof G Crooks NHS24	Health & Work Service	To uniquely identify patients requiring onward referral through SCI Gateway by NHS24 directly from employers via NHS Inform.	07-Oct-14	Approved	
14-015	21-Aug-14	Prof R A Anderson MRC Centre for Reproductive Health	Reproductive outcomes in survivors of childhood, adolescent and young adult cancer in Scotland: a population based cohort study	To select all potential matched controls for the study. Use of the CHI number for linkage of the matched controls to the SMR database was also requested.	07-Oct-14	Approved	
14-016	22-Aug-14	Dr C A Marwick University of Dundee	Molecular epidemiology of <i>Clostridium difficile</i> in Scotland: developing novel, clinically applicable research methods to combine genomic analysis with health informatics	To link bacterial data to health data on the patients in the study sample from HIC and eDRIS and to Tayside data collected from a previous study.	07-Oct-14	Approved	
15-001	12-Jan-15	Prof S J O'Brien University of Liverpool	Case-control study for <i>Campylobacter</i> in the under 5s	To obtain a random selection of families with children under 60 months to participate in the case-control study as control subjects.		Withdrawn	

15-002	13-Jan-15	Mr A Paterson Scottish Government	2015 Scottish Maternity Care Survey and follow-up survey part of the Scottish Care Experience Survey Programme	To identify the names and addresses of a random sample of women who gave birth in February or March 2015 in order to send them a questionnaire and take part in the 2015 Scottish Maternity Care Survey. Current contact details were also requested for women who took part in the Scottish Care Experience Survey 2013 and gave permission to be contacted for a follow-up survey.	2-Apr-15	Approved	
15-003	15-Jan-15	Dr R Flynn University of Dundee	Cohort Study of the Relative Incidence of Major Cardiovascular Events Among Patients Initiating Prucalopride Versus a Matched Comparator Cohort	To retrospectively identify when patients registered with a GP and at risk of exposure or events and for those subjects that suffer endpoints to obtain an anonymous abstract of the patient's case record at the site where the event occurred.	1-May-15	Approved	Subject to ethics approval being obtained
15-004	15-Jan-15	Ms T Couper National Records of Scotland	A programme of work to improve the postcode data held on the NHSCR	To obtain the CHI address for NHSCR records identified as having incorrect postcodes for health and social care purposes using the NHS number then finding the correct postcode by matching the CHI address to the NRS Address Register.	31-Mar-15	Approved	
15-005	15-Jan-15	Mr N Bowie National Records of Scotland	NRS Activity Flag Project – Improving Population Statistics	To obtain full CHI addresses for all patients listed on the Community Health Index (CHI) database.	20-Apr-15	Approved	

15-006	23-Jan-15	Ms G M Seymour University of Exeter	Autoimmune Diabetes Accelerator Prevention Trial (adAPT)	To use the Community Health Index (CHI) database to validate mailing cohort lists for this study and extract the most up to date mailing addresses.	2-Apr-15	Approved subject to conditions	Obtain Ethics, National Caldicott Guardian, R&D approval and confirmation from the Chair of the SCI-Diabetes Steering Group that this trial will not undermine the purpose of national work.
15-007	18-Feb-15	Mr D Heather University of Dundee	HIC Research Project Support	To access the national Community Health Index (CHI) database in support of projects without a project-specific application being submitted to CHIAG where HIC Standard Operating Procedures are correctly followed for the purpose of confirming patient identity, confirming if a patient is still alive, adding missing CHI to and NHS dataset or obtaining a current mailing address.	5-Jun-15	Initial approval for 6 months	Development of a HIC protocol for access to CHI data.
15-008	23-Mar-15	Dr K J Simpson NHS Lothian	Long Term outcomes and health-care utilisation of patients surviving acute liver failure (the surviving ALF study)	To match ALF survivors by age, sex and postcode with up to five general population individuals and to use CHI to link with mortality and healthcare utilisation; new hospital admission and out-patient attendances.	25-May-15	Approved	Subject to ethics approval being obtained
15-009	02-Apr-15	Dr E C McNair NHS National Services Scotland	2016 Scottish Inpatient Patient Experience Survey	To obtain up to date names and addresses for the sample chosen from the national database of hospital discharge returns. Approval was sought for the 2016 survey and subsequent biennial rounds of this survey using the same methodological approach.	05-Jun-15	Approved for 2016 survey only	The survey to be overseen by The Scottish Government and the Chief Medical Officer.

15-010	02-Apr-15	Dr E C McNair NHS National Services Scotland	2015 Cancer Patient Experience Survey	To obtain up to date names and addresses for the sample chosen from the national database of hospital discharge returns (SMR01) and validated against the Scottish Cancer Registry (SMR6).	24-Jul-15	Approved	
15-011	10-Apr-15	Dr E L Turner University of Bristol	Evaluating population based screening for localised prostate cancer in the UK: The Cluster randomised trial of PSA testing for prostate cancer (previously known as the Comparison arm for Protect) study	To enable identification of men registered at randomised GP practices for this study – both controls and men registered at the Protect screening practices who did not participate in population based PSA testing. CHI also requested to be used for the linkage of these individuals to mortality and cancer registrations.	5-Jun-15	Approved subject to conditions	National Caldicott Approval to be obtained
15-012	04-Jun-15	Prof J.M. Wardlaw The University of Edinburgh	Identification of brain MRI features to predict future vascular and cognitive events in the Edinburgh Stroke Prevention Clinic	To link brain MRI and ISD data.	29-Sep-15	Approved	
15-013	03-Jul-15	Mr W McGhee NHS National Services Scotland	Access to CHI information for home oxygen service Sintesi IT Patient System	<ul style="list-style-type: none"> To use the Community Health Index (CHI) as a unique patient identifier for the ongoing management of patients and for this number to be loaded and held within the system along with existing patient identifiable information. To obtain CHI numbers for the 7000 or so existing patients whose details (excluding CHI) are held on the existing database. For NSS and Dobby Vivisol to 	31-Aug-15	Approved subject to conditions	Submission of the finalised data security policy and evidence of approval by the appropriate NSS Director with agreed dates for audit and technical review. NSS Caldicott Guardian approval for use of encrypted mobile devices if any patient data is to be stored and not accessed remotely.

				<p>have access to the CHI information to ensure that patients are correctly identified and their details correctly recorded on the system. This will also be used to identify when patients have passed away and help avoid the issue of electricity reimbursement cheques in the name of the deceased.</p> <ul style="list-style-type: none"> To have periodic access to CHI information or extract for the purposes of identifying the correct Health Board that patients belong to in order to ensure correct billing by the contractor. 			
15-014	07-Aug-15	Dr M Alexander NHS 24	NHS24 Access to CHI Data	To support the continuation of NHS 24 Service Delivery via a new technology platform.	31-Aug-15	Approved	
16-001		Mr A Kernan P&CFS	eDental Payment and Approval Modernisation Project – CHI Check	For dentists and their regulated and employed practice staff to obtain a positive patient identification for patients when patient identifiable information provided to enable a match	13-May-16	Approved	
16-002		Mr N McKenzie CHI & Child Health Transformation Programme	CHI & SCPHWS Proof of Concept	For the proof of concept of the new CHI solution and the Scottish Child Public Health and Wellbeing System (SCPHWS)	28-Oct-16	Approved	
16-003		Mr A McLeod HPS	Look Back Study to identify, and offer HCV testing to, individuals who received plasma products prior to Oct 1987 and are lost to follow up	To determine the status of those patients who had received blood plasma products prior to the introduction of heat treatment in 1987 by linkage to the NHS Central Register. For those patients known to have died, the cause of death to be considered	22-Sep-16	Approved	

				to determine whether hepatitis C infection may have contributed to death. For those not known to have died, information on their most recent GP will be obtained so that the patient can be offered HCV testing.			
16-004		Dr J Hughes SNBTS	Additional request in relation to linkage study to identify up to date information on blood donors whose blood donation has tested positive but have deferred from follow up care in SNBTS service	Extend permission already granted to include permission to check for any sexual health records on NaSH for donors diagnosed with syphilis only	8-Nov-16	Not approved	Request out-with the remit of the group. Applicant advised to contact the Chairman of the NaSH Governance Board.
17-001	05-Jan-17	Mrs L Huckerby NHS24	NHS24 Smokeline Redesign	To deliver a more efficient and streamlined service to its users by checking the demographics of callers contacting Smokeline, securely/accurately identifying callers as well as indexing queries and requests accurately and identifiably.	17-Feb-2017	Approved	
17-003	04-Apr-17	Mr R Young NSS	SCI Gateway CHI Lookup	to use CHI lookup to pre-populate patient data into e-forms for sending urgent emergency referrals via SCI Gateway during the A&E pilot	16-May-2017	Approved	
17-004	04-Apr-17	Mr K Truslove NSS P&CFS	Extension to scope of CHI extract match look-up from the Pharmacy Care Record (PCR)	to extend use of an exact match CHI lookup from smoking cessation to a range of other services for the purpose of positive patient identification. Such services to include those specified i.e. <ul style="list-style-type: none"> • Unscheduled Care • Public Health Services including Emergency Hormonal Contraception 	08-May-17	Approved	

				<ul style="list-style-type: none"> • Healthy start vitamins • Gluten-free Food Service • Meningitis B Prophylaxis • Urinary Tract Infection 			
17-005	16-Mar-17	Ms Fiona Kennedy NHS Lanarkshire	Fit for Work Scotland	CHI look-up permission to positively identify patients and fulfil referral enrolment in the Fit for Work programme.	16-May-17	Approved	
17-006	06-Oct-17	Ms Fiona Kennedy NHS Lanarkshire	Fit for Work Scotland II	To submit client closure reports to the relevant GP via SCI-Gateway.		Withdrawn & Resubmitted under 18-06	
17-007	12-Oct-17	Ms Lesley Watson West of Scotland Cancer Network	Upload of Data of Death (DoD) from CHI into eCASE	to use a filtered daily CHI broadcast to auto populate the date of death field in eCASE.	18-Jan-18	Approved	
18-01	10-Apr-18	Dr Libby Morris The Scottish Government	NHS Scotland Managed Services Network for Children and Young People with Cancer	to use CHI for authentication purposes via myaccount and linkage to the Person Held File (PHF). This is required to facilitate use of the MyStoryNow app.		Approved	
18-02	04-May-18	Ms Fiona Kennedy NHS Lanarkshire	Single Health & Work Gateway	To use CHI look-up facilities		Withdrawn & Resubmitted under 18-07	
18-03	24-May-18	Carolyn Wilson The Scottish Government	Transfer of CHI Access from MiDIS to new Family Nurse Partnership (FNP) Data System	To use CHI in the new FNP data system to positively identify patients and ensure that new data entered is recorded against the correct patient. Use of CHI would also make any future data linkage evaluation of the project more straightforward.		Approved	
18-04	28-May-18	Karyn Robertson NSS	Access to the CHI demographic patient information for NHS NSS hosted Photosys	To link the Photosys National Database to the CHI database. This was requested to update patient demographics for those		Approved	

			application	currently in the Photosys system and pull across demographic data for new patients when CHI is entered.			
18-05	05-Oct-18	Mr Tony Mochan NHS Lothian	ReTIS Link to National CHI	Requested permission for Rehabilitation Technology Services to link to the national CHI database in order to obtain up-to-date patient demographics through a redeveloped ReTIS application	30-Nov-18	Approved	
18-06	04-Dec-18	Mrs Fiona Kennedy NHS Lanarkshire	Working Health Services Scotland	To obtain CHI look-up permissions and share client action plans/closure reports with GPs via SCI Gateway	18-Oct-19	Approved	
18-07	13-Dec-18	Mrs Fiona Kennedy NHS Lanarkshire	Single Health & Work Gateway Pilot	To use CHI for positive patient identification and share closure reports with GPs via SCI Gateway. Pilot for those living or working in the Fife and Dundee City areas	18-Oct-19	Approved	
19-01	19-Aug-19	Mr Ken Truslove NSS P&CFS	Extension of Community Pharmacy Minor Ailment Service	To ensure only those citizens eligible for the extended Minor Ailment Service are able to access it. To capture CHI numbers associated with patients accessing the service in the community pharmacy's local patient Medication Record System. To ensure that reimbursements' claims for dispensed medicines include the CHI number to assist NSS P&CFS in fraud checks and payments verification.	18-Oct-19	Approved	
19-02	29-Aug-19	Mr John Duncan	Badgernet Access to CHI	To register new born babies in the Badgernet system and facilitate direct patient care through positive patient	24-Oct-19	Approved	

				identification from birth.			
19-03	08-Aug-19	Ms Judith Reid NHS Ayrshire & Arran	MSK	Use of MyAccount to match CHI. Onward referral to rehabilitation or specialist services via SCI Gateway as and if required. Clinical validation of the MSK web based tool.	n/a	Referred to PBPP	
19-04	05-Nov-19	Dr Steve Pavis NHS Education for Scotland	National Digital Platform (NDP) and use of CHI	Requested ad hoc access to CHI via the web service to allow real-time lookups.	15-Jun-20	Approved subject to conditions	<ul style="list-style-type: none"> • NDS to report to CHIAG every quarter detailing how CHI had been used on the NDP in the last three months and how it was to be used in the next three months. • CHI Gatekeepers required to check records, add CHI manually where required and obtain new CHIs where missing. • Establish a process for the use of broadcast files to update CHI information as a back-up to using CHI-XML
20-01	12-Feb-20	Mr Neil Mitchell NHS National Services Scotland	Robot Process Automation – CHI Partners Transactions	Automate CHI Partners Transactions using Robotic Process Automation.	05-Mar-20	Approved	<ul style="list-style-type: none"> • To be reviewed at the end of March 2021 • Rigorous testing was advised prior to implementation and stakeholder evaluation built in from the start
20-02	10-Mar-20	Mr Diogo Marques	SARS Co-V-2/COVID-19 enhanced surveillance	Extend the scope of a number of existing and long-established surveillance systems undertaken		Referred to PBPP	

		Health Protection Scotland		by HPS to include SARS-CoV-2			
20-03 FAST –	01-Apr-20	Ms Anneli Lyon National Records of Scotland	NHSCR Remote Access to CHI during Covid-19	Remote read-only access to the CHI by NHSCR staff working remotely during the Coronavirus pandemic	10-Sep-20	Approved	<ul style="list-style-type: none"> To be reviewed after 12 months
20-04 FAST –	16-Apr-20	Mr David McColl NHS Education for Scotland	Turas COVID-19 Assessment Tool	Use of CHI in the Turas COVID-19 Assessment Tool.	24-Apr-20	Approved	<ul style="list-style-type: none"> To be reviewed after 12 months
20-05	05-May-20	Ms Ruth Thompson Healthcare Improvement Scotland	Healthcare Staffing Programme Workforce and Workload Tools and Observation Studies			Withdrawn	<ul style="list-style-type: none"> Further thought was being given to whether access to CHI was required
20-06 FAST	12-May-20	Mr Brian Paterson NHS National Services Scotland	Covid-19 Test Results	Requested access to the CHI number, health board of residence and address of patients tested at UK Government Covid-19 Testing Centres to enable NHS Digital to provide NHS National Services Scotland with data.	18-May-20	Approved	<ul style="list-style-type: none"> to be formally reviewed after 12 months or earlier if the situation allows
20-07 FAST	14-May-20	Dr Michael Lockhart Public Health Scotland	ECOSS covid-19 CHI seeding	To add patient address and postcode into the CHI seeding process that currently takes place.	Pending		<p>Sent back to applicant to update documentation from NSS to PHS.</p> <ul style="list-style-type: none"> A CHI development was required which also needed to be approved before CHI seeding of ECOSS could occur
20-08	18-May-20	Mrs Marie McNally NHS National Services Scotland	CHI Extract for Organ Donor Mailers for 16 year olds	To identify Scottish children approaching their 16th birthday	In progress		<ul style="list-style-type: none"> Further work required and an updated application requested by CHIAG
20-09	23-Jun-20	Ms Heather	COVID-19 Modelling &	For use of CHI in the COVID-19	13-Aug-20	Approved	<ul style="list-style-type: none"> To be reviewed after

FAST –		Clydesdale National Records of Scotland	Analysis Hub	Modelling & Analysis Hub			12 months
21-01	20-Jan-21	Mrs Angela Hay Healthcare Improvement Scotland	Access to National CHI Database to support review of Medical Certificates Cause of Death	Continue accessing national CHI database following transfer from NHS24 ICT systems to HIS systems hosted on NSS platforms	13-Apr-21	Approved	
21-02	27-Jan-21	Mrs Letitia Stevenson Scottish Government	Social Security Scotland Information Gathering	To access CHI to positively identify clients when communicating with healthcare professionals.	01-Jul-21	Approved	<ul style="list-style-type: none"> Review of agreement should additional cohorts of clients need to be added to the service
21-03	11-Jun-21	Mr Deryck Mitchelson NHS National Services Scotland	Daily feed from CHI to the National Vaccination Scheduling Service (NVSS) to update demographic details	To allow the NVSS to receive a daily feed from CHI in order to update patient demographic details	17-Jun-21	Approved	<ul style="list-style-type: none"> resubmission of the application will be required if those under 18 years of age are to be included in the cohort going forward a DPIA be completed. To be reviewed at the end of June 2022
21-04	12-Jul-21	Mr Deryck Mitchelson NHS National Services Scotland	Daily feed from CHI to the National Vaccination Scheduling Service (NVSS) to update demographic details including 16 & 17 year olds	To include 16 & 17 year olds in the NVSS daily feed from CHI for the purpose of updating patient demographic details.	15-Jul-21	Approved	<ul style="list-style-type: none"> a DPIA be completed. To be reviewed at the end of July 2022
21-05	06-Aug-21	Mr Deryck Mitchelson NHS National Services Scotland	Daily feed from CHI to the National Vaccination Scheduling Service (NVSS) to update demographic details including 12-15 year olds meeting specific criteria	To include 12 to 15 year olds meeting specific criteria detailed in the application in the NVSS daily feed from CHI for the purpose of updating patient demographic details.	09-Aug-21	Approved	<ul style="list-style-type: none"> to be reviewed at the end of August 2022
21-06	29-Nov-21	Mr Chris	Query/Response	To access CHI to positively link	02-Dec-21	Approved for	<ul style="list-style-type: none"> DPIA, SSP and DPA

		Athanasiadis NHS National Services Scotland	Interface to CHI for Cytosponge Application	Cytosponge samples and test results to patients. Transfer of CHI data to Cyted for laboratory analysis and the subsequent transfer of diagnosis results back to NHS Scotland for dissemination to relevant clinicians was also requested.		12 months	to be submitted to CHIAG once signed off. <ul style="list-style-type: none"> Ensure all information being stored and transferred to and from 3rd party encrypted.
21-07	18-Nov-21 DPIA	Mr Martin Egan NHS Lothian	NHS Lothian patients' self-booking and management of appointments	Use of CHI by the Improvement Service for patient verification with NHS Lothian online services. Myaccount will be used to retrieve CHI following confirmation of a user's details against a limited NHSCR extract. The Myaccount application will integrate with NHS Lothian instance of Intersystems TrakCare via web services enabling implementation of a new system to support NHS Lothian appointment bookings.	29-Nov-21	Approved	<ul style="list-style-type: none"> a full CHI application form to be submitted within 3 months of the date on this letter
21-08	13-Dec-21	Ms Karen Brown NHS National Services Scotland	SBR access to CHI daily broadcast	to access the CHI daily broadcast data to reduce the resource requirements for the hearing screening programme and risk of duplicate/incorrect details being entered on the system, allow business as usual to continue and SBR data to be recorded and fed to Public Health Scotland.	14-Dec-21	Approved	<ul style="list-style-type: none"> daily broadcasts to be received from new CHI.
22-01	10-Jan-22	Ms Carolyn Low NHS National Services Scotland	Daily feed from CHI to the National Vaccination Scheduling Service (NVSS) to update demographic details including 5-11 year olds meeting specific criteria	to include 5 to 11 year olds meeting specific criteria detailed in the application in the NVSS daily feed from CHI for the purpose of updating patient demographic details.	18-Feb-22	Approved	<ul style="list-style-type: none"> the DPIA must be updated and presented alongside this authorisation to be reviewed at the end of February 2023