NCIN
national cancer intelligence network
Using information to improve quality & choice

New sources of data and how it can support commissioning

Lung Clinical Leads Workshop
April 2012

Trish Stokes,

COSD Programme Manager NCIN

NCRI
National Cancer Research Institute

Overview

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- New datasets
  - SACT
  - DID
  - COSD
- COSD
  - What is it
  - Why
  - When
  - How will it affect you?

Chemotherapy – SACT (1)

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- ISN from April 2012 (ISB 1533)
  - All patients receiving cancer chemotherapy
  - Adult – solid & haematology
  - Paediatric
  - Phased implementation until April 2014
  - Clinical sign-off

Diagnostic Imaging Dataset

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- ISN from April 2012 (ISB 1577)
  - To provide information about access of NHS patients to diagnostic imaging tests across the country
  - All diagnostic imaging tests carried out on NHS patients
  - Monthly submissions from local RIS systems
  - Patient level
  - NO RESULTS
  - Access for Cancer Registries

What is COSD?

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- The new national cancer dataset
  - Updated, aligned and standardised
- The new Cancer Registration dataset
  - Compiled dataset (assembled by Registries)
  - Defines data for direct submission by Trusts
  - All registerable conditions (eg in situ MM, benign brain tumours)
  - Wider than CWT – patient pathway for all cases
- Components
  - Core (Generic Registration and Cancer Waits)
  - Site specific - clinical (cf nat audit)
  - Site specific - Key pathology (RCPath MDS)

What is COSD?

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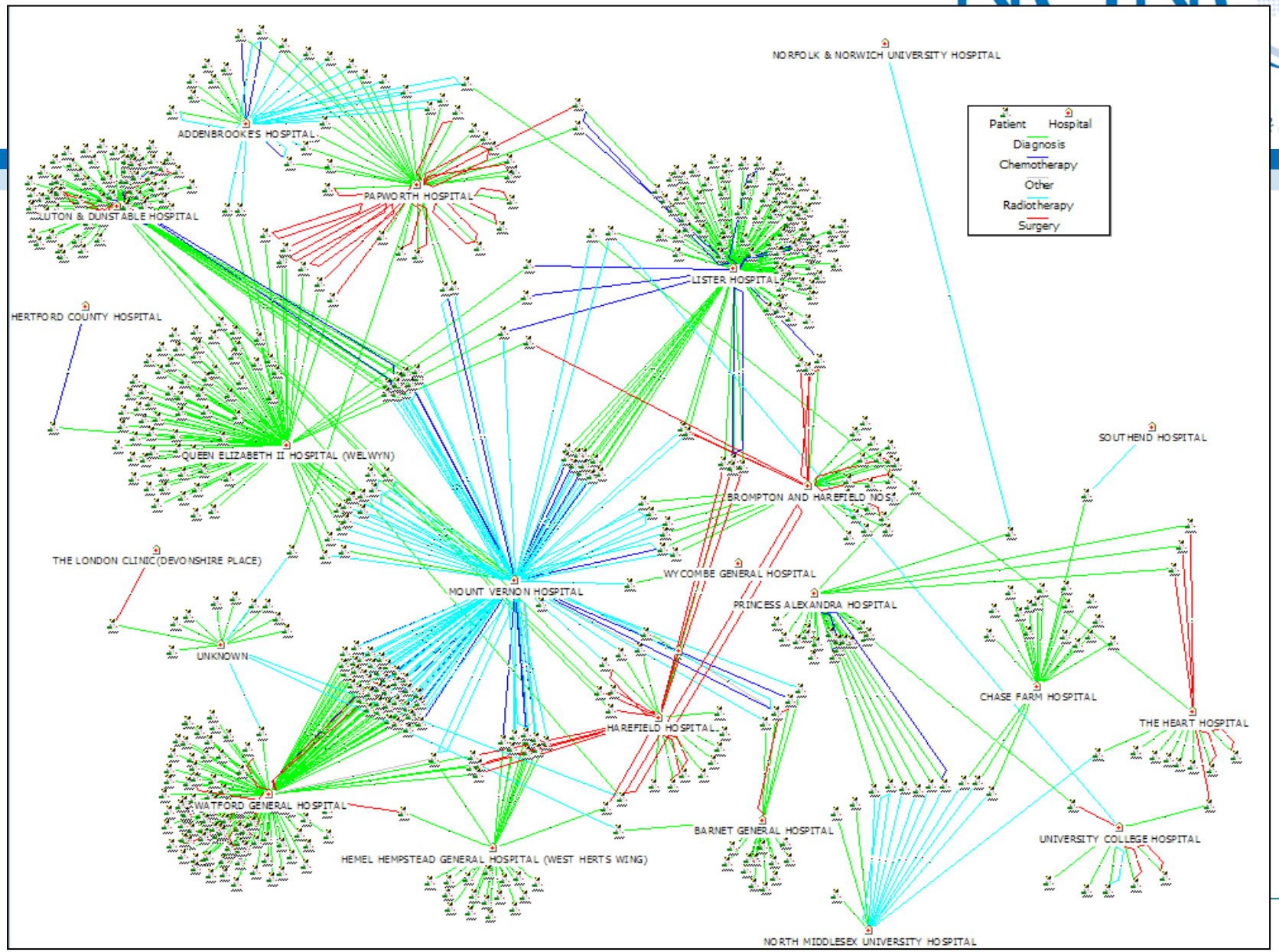
- Monthly submission
  - Replaces current registry submission
  - Avoid duplication of other dataflows
  - Multiple sources - within and across Trusts
  - Via XML
- Monthly feedback
  - Standard reports
  - Feedback to commissioners


NORFOLK & NORWICH UNIVERSITY HOSPITAL
Patient
Hospital
Diagnosis
Chemotherapy
Other
Radiotherapy
Surgery
ADDENBROOKES HOSPITAL
PAPWORTH HOSPITAL
LUTON & DUNSTABLE HOSPITAL
LISTER HOSPITAL
HERTFORD COUNTY HOSPITAL
QUEEN ELIZABETH II HOSPITAL (WELWYN)
SOUTHEND HOSPITAL
BROMPTON AND HAREFIELD NOS
THE LONDON CLINIC(DEVONSHIRE PLACE)
WYCOMBE GENERAL HOSPITAL
MOUNT VERNON HOSPITAL
PRINCESS ALEXANDRA HOSPITAL
UNKNOWN
CHASE FARM HOSPITAL
THE HEART HOSPITAL
HAREFIELD HOSPITAL
WATFORD GENERAL HOSPITAL
BARNET GENERAL HOSPITAL
UNIVERSITY COLLEGE HOSPITAL
HEMEL HEMPSTEAD GENERAL HOSPITAL (WEST HERTS WING)
NORTH MIDDLESEX UNIVERSITY HOSPITAL

Cancer Registration Modernisation Programme

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- To provide 'timely' comprehensive
  - Data collection and quality assurance
  - over the **entire** cancer care pathway for
  - all patients treated in England (& UK)
- Resource for
  - patient care, treatment variations
  - quality, safety and performance management
  - audit, research and outcome analyses
- Increased focus on:
  - Stage, radiology, standard datasets, timeliness

Modernisation of Cancer Registration

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- By 2013 all 8 English Cancer Registries to be using one single database system:
  - Reduce duplication
  - Data along patient pathway (inc rec/mets)
  - Using national data feeds e.g. GFoCW, HES, RTDS
  - Multiple Local data sources eg MDTs, pathology systems
  - Increased timeliness
  - Regular ‘progress’ reports to MDTs/trusts

Migration Plan UPDATE

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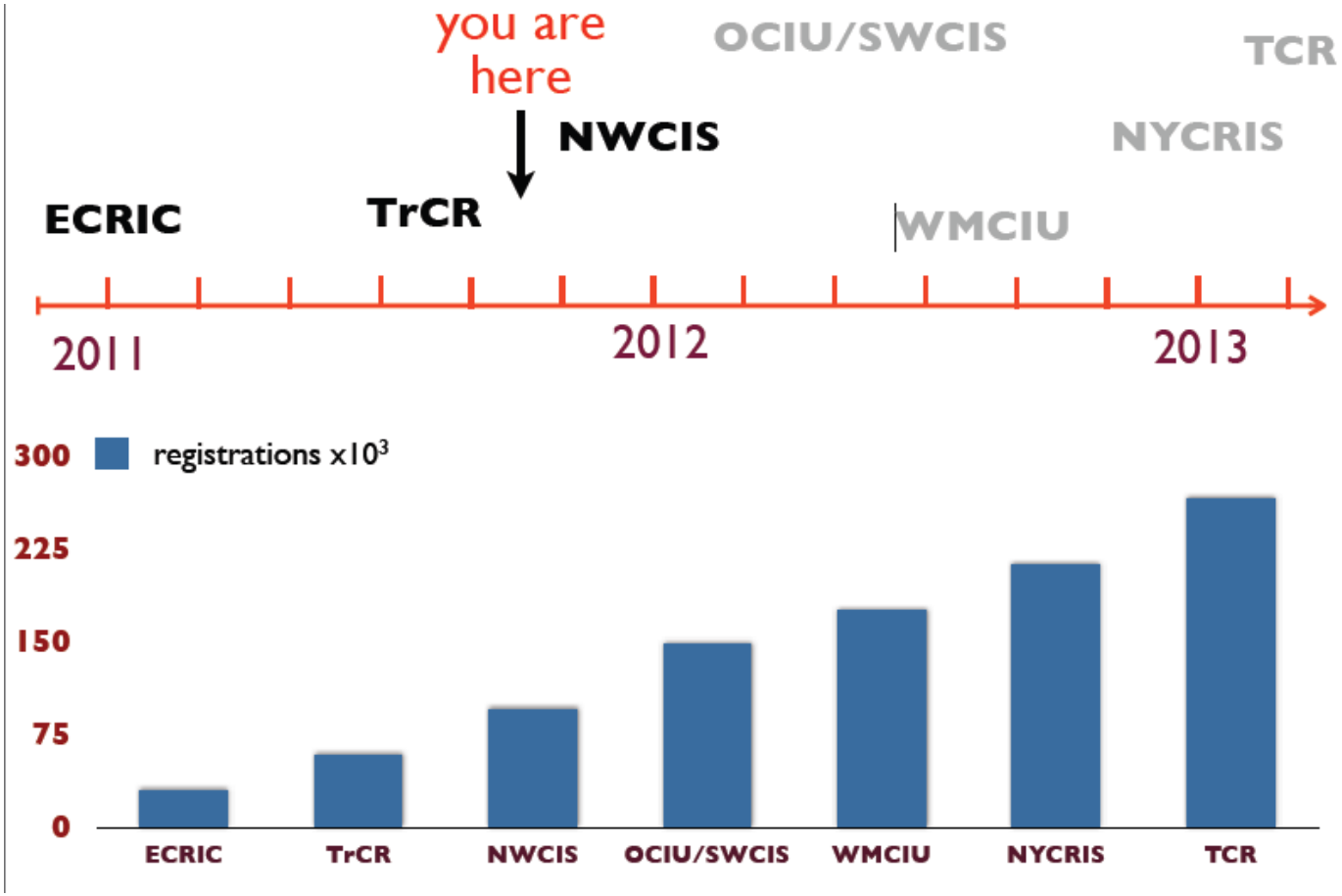
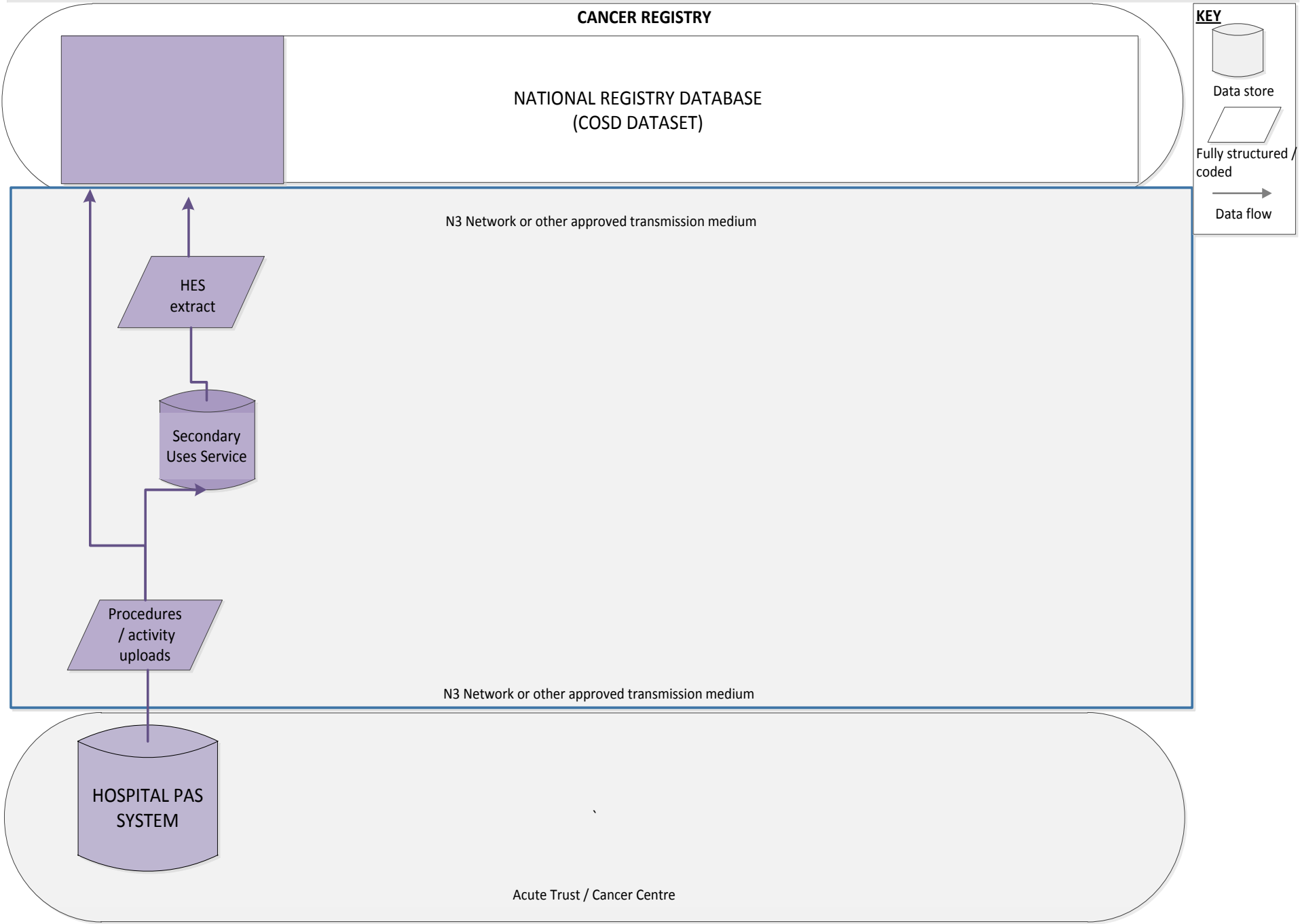
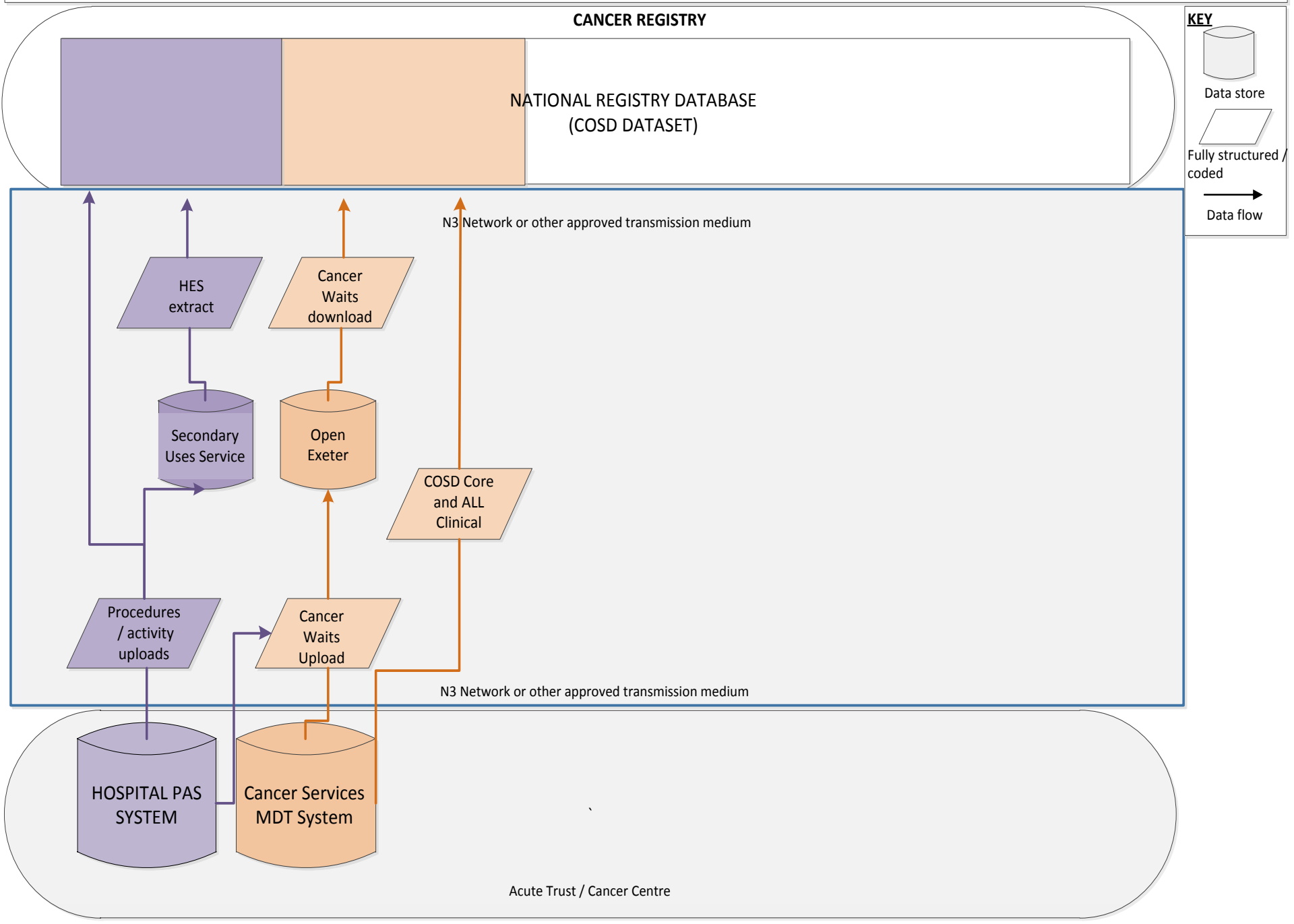



CANCER REGISTRY
NATIONAL REGISTRY DATABASE
(COSD DATASET)
KEY
Data store
Fully structured / coded
Data flow
N3 Network or other approved transmission medium
HES extract
Secondary Uses Service
Procedures / activity uploads
N3 Network or other approved transmission medium
HOSPITAL PAS SYSTEM
Acute Trust / Cancer Centre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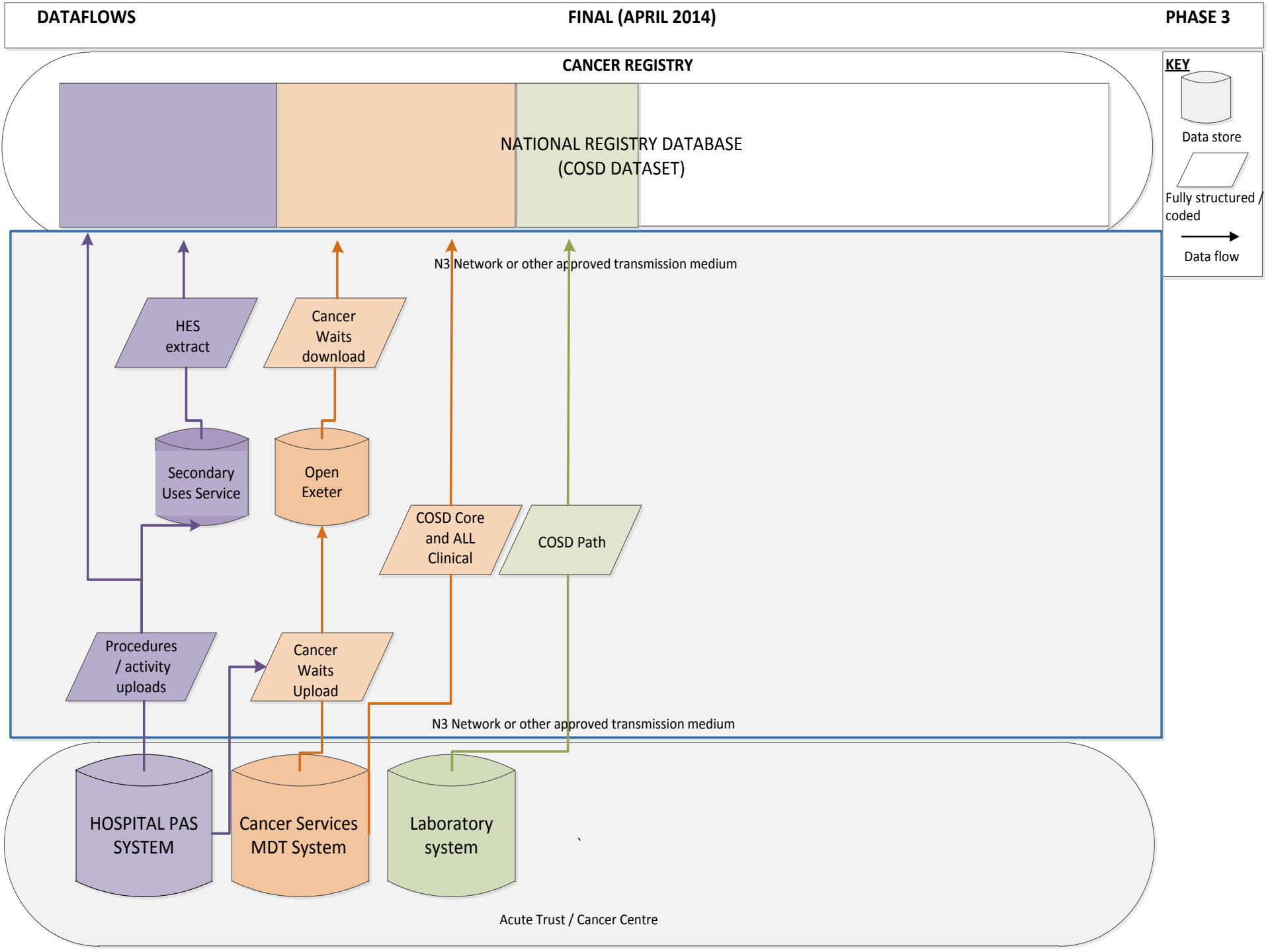
Cancer Services MDT System
Acute Trust / Cancer Centre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Cancer Services MDT System
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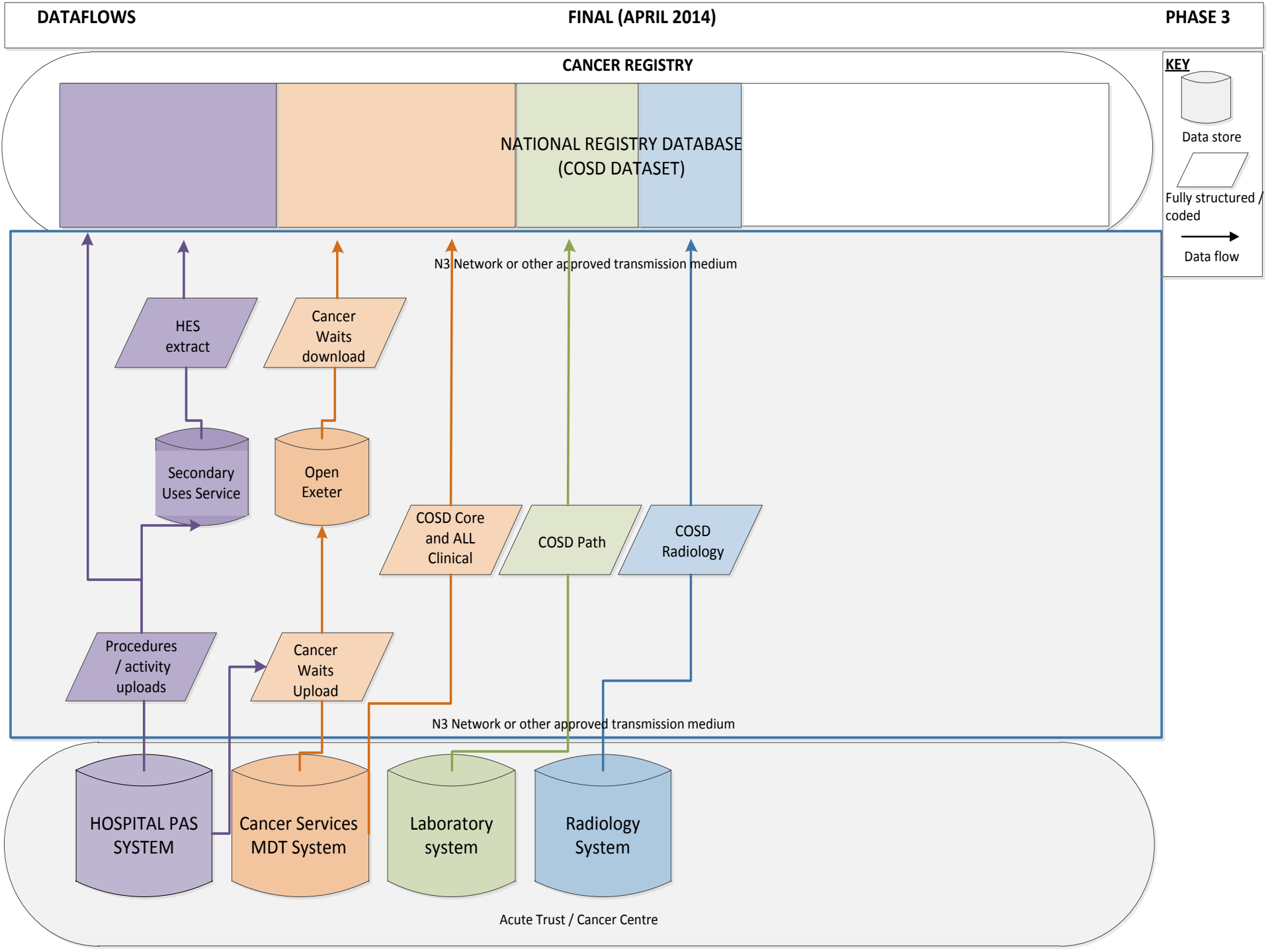
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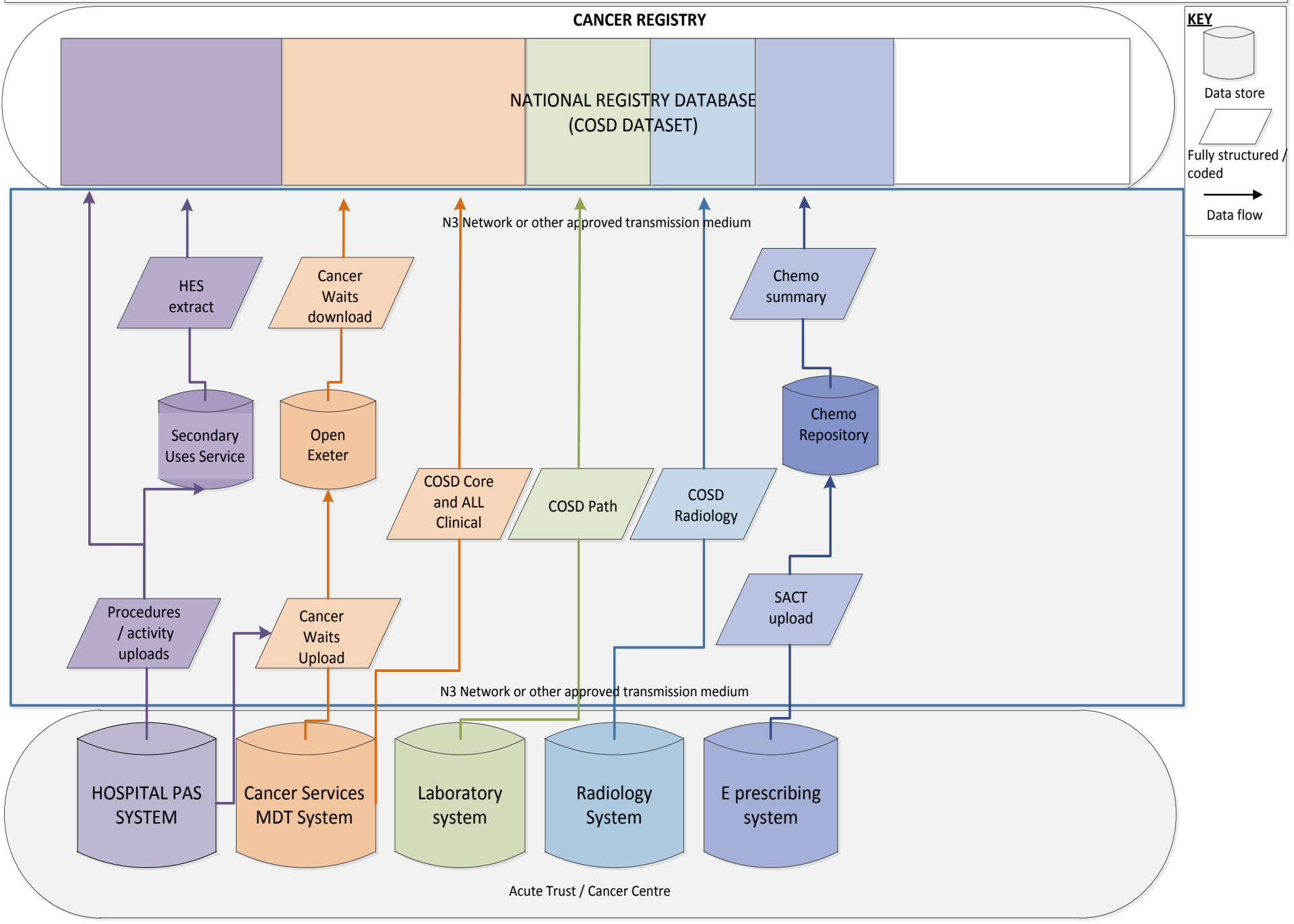
Acute Trust / Cancer Centre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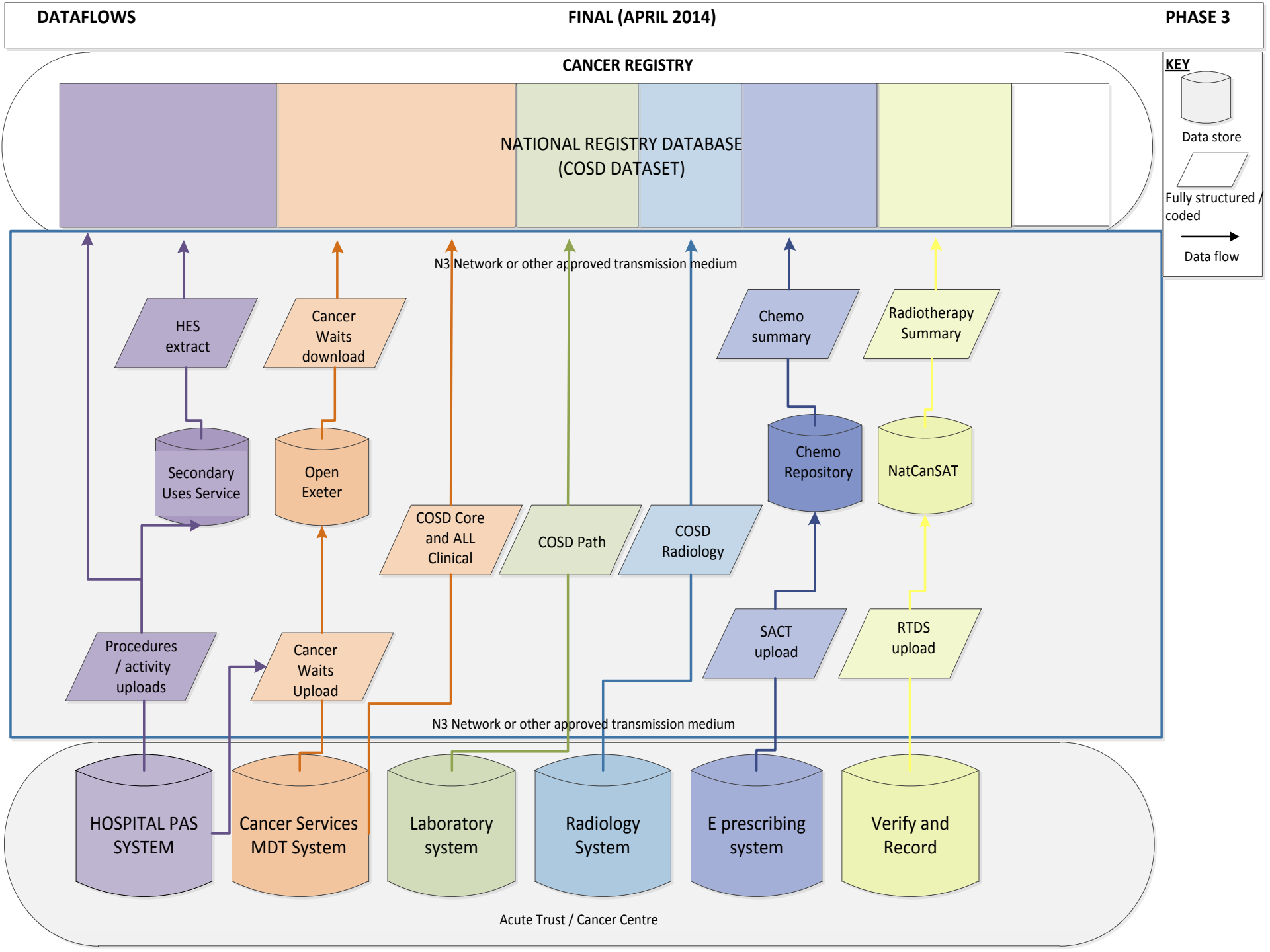
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NatCanSAT
COSD Core and ALL Clinical
COSD Path
COSD Radiology
Procedures / activity uploads
Cancer Waits Upload
SACT upload
RTDS upload
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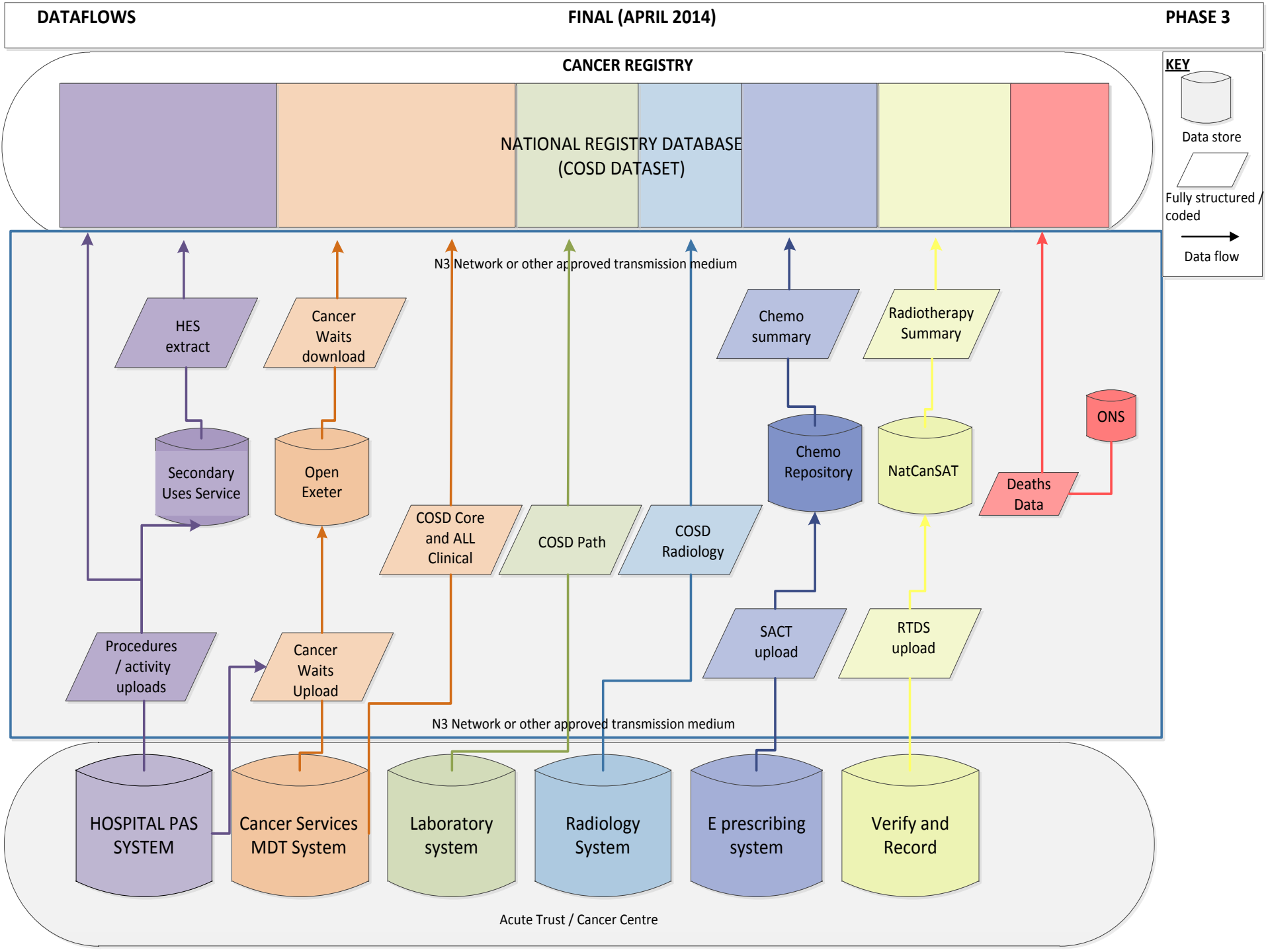
Laboratory system
Radiology System
E prescribing system
Verify and Record
Acute Trust / Cancer Centre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COSD - new dataset?

Operational Testing - Lung

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Overall COSD Pilot Ratings: Lung				
Stage 2: All Lung Data Items Rated by Ease of Collection, Completeness of Data and Overall Final RAG rating				
Data Item	**Ease of Collection RAG Rating**	**Completeness RAG Rating**	**Overall RAG rating**	**Stage 1: National Audit completeness returns**
Smoking Status		18% (24/137)		
Mediastinal Sampling Indicator		0% (0/137)		
Epidermal Growth Factor Receptor Mutational Status		0% (0/137)		
Scan Performed Indicator (CT) - Lu10020				
Procedure Date (CT Scan) - Lu10000				
Scan Performed Indicator (PET) - Lu10030				
Procedure Date (PET CT Scan) - Lu10010				
Bronchoscopy Performed Indicator - Lu10080				
Procedure Date Bronchoscopy - Lu10070				
FEV 1 Percentage - Lu10040				

Implementation Timetable

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- Core and stage from January 2013, by end June 2013
- Site Specific from July 2013 & by end 2013
- Site specific Pathology from Jan 2014 & by end 2014

Impact on Current Cancer Datasets

Current dataset	Submission frequency	New Dataset (From JAN 2013)	Submission frequency and type
NCDS	None (reference only)	Replaced by COSD	Monthly via XML
Cancer Registration Dataset	monthly	Replaced by COSD	Monthly via XML
Cancer Waits	monthly	NO CHANGE (some items also in COSD)	NO CHANGE
RTDS (Radiotherapy)	monthly	NO CHANGE	NO CHANGE
Chemotherapy SACT	In progress	NO CHANGE (SACT from April 2012)	(NO CHANGE)
National Audits	Annual (various date ranges and deadlines)	? NO CHANGE (some items also in COSD)	(Audit strategy under development)
RC Pathology –Minimum datasets	None (Professional reporting standard only at present. Project to develop clinical standards)	(COSD - subset only)	Monthly via XML (or current process)
RC Radiology – no minimum datasets at present	**None (Recommendations in place for clinical use – no MDS. Pilot in progress for proforma based**	**? No change (DIDS will collect activity data)**	**(NO CHANGE)**

Issues for Lung

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- Impact on LUCADA?
- Ownership
- Resources
- Duplication
- Error management
- Future

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- Aligned with audit
- Bigger picture
- Standardised collection – more effective
- Processes – clinical signoff
- Timeliness - diagnosis, treatment and updates
- Monthly feedback
- ?Current error reports - Problem data resolved earlier
- Strategic direction – targeted audits?

Support

- Go Live January 2013 (subject to ISB)
  - ‘State of Readiness’
  - CN Road shows from mid-Summer
    - Organisational & technical topics
    - MDTs & clinical aspects

MDT Performance – Data completeness

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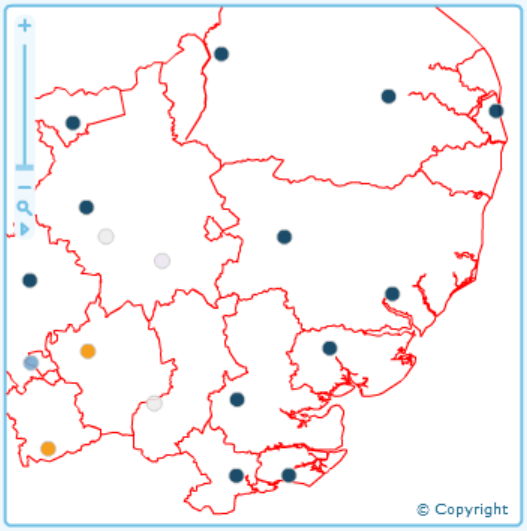
Filter

Help



This report shows the completeness of certain key data items received each month by a Trust as discussed at MDT. By clicking on your Trust from the map above all the relevant data will appear on the performance chart to the right. You can compare your Trust to another by holding the Ctrl button and selecting another Trust. You can scroll the data down on the right hand side by hovering over the data and using the mouse wheel or holding the scroll bar (far right) and moving down/up. A full user guide is available by clicking the link on the introduction page; this will give you detailed instructions on how to use this report effectively.

Indicator	Hospital	Total Pts	Current Month %	Last Month %	Trend	Data Completeness
Date of Diagnosis: Aug-10	E+N Herts	16	100	94.40	↑	0 100
Date of Diagnosis: Aug-10	West Herts	8	100	100.00	–	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	16	0	0.00	–	0 100
Pre-Treatment TNM: Aug-10	West Herts	8	0	0.00	–	0 100
Stage - Dukes: Aug-10	E+N Herts	16	50	44.40	↑	0 100
Stage - Dukes: Aug-10	West Herts	8	0	0.00	–	0 100
Final Treatment TNM: Aug-10	E+N Herts	16	0	27.80	↓	0 100
Final Treatment TNM: Aug-10	West Herts	8	12.5	28.60	↓	0 100
▼ Lung Cancer						
Date of Diagnosis: Aug-10	E+N Herts	13	92.3	93.80	–	0 100
Date of Diagnosis: Aug-10	West Herts	12	100	100.00	–	0 100
Tumour Laterality: Aug-10	E+N Herts	13	92.3	68.80	↑	0 100
Tumour Laterality: Aug-10	West Herts	12	75	90.90	↓	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	13	0	18.80	↓	0 100
Pre-Treatment TNM: Aug-10	West Herts	12	25	72.70	↓	0 100
▼ Skin - C43						
Date of Diagnosis: Aug-10	E+N Herts	17	100	86.70	↑	0 100
Date of Diagnosis: Aug-10	West Herts	9	100	100.00	–	0 100
Breslow Thickness: Aug-10	E+N Herts	17	0	0.00	–	0 100
Breslow Thickness: Aug-10	West Herts	9	0	0.00	–	0 100
Final TNM: Aug-10	E+N Herts	17	0	0.00	–	
Final TNM: Aug-10	West Herts	9	0	0.00	–	
▼ Upper GI						
Date of Diagnosis: Aug-10	E+N Herts	5	80	85.70	↓	0 100
Date of Diagnosis: Aug-10	West Herts	4	100	100.00	–	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	5	0	0.00	–	0 100
Pre-Treatment TNM: Aug-10	West Herts	4	0	0.00	–	0 100
▼ Pancreatic Cancer						
Date of Diagnosis: Aug-10	E+N Herts	1	100	100.00	–	0 100
Date of Diagnosis: Aug-10	West Herts	0	n/a	n/a	–	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	1	0	0.00	–	0 100

<-5% Decrease ↓ -2% to -5% Decrease ↓ 1% to -1% No change – 2% to 5% Increase ↑ <5% Increase ↑ A ● B ● C ●

Regional Average %

Poor Medium Good

– +

Institute of Healthcare Management

Understanding Cancer

Oncology Training for NHS and Public Health non-clinical staff

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Professionally Accredited by the Institute of Healthcare Management

Launch date: 2 April 2012

Key features include:

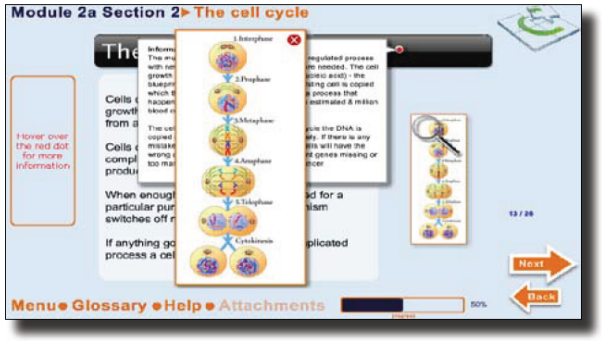
- flexibility to work at your own pace from work or home
- ability to stop and resume at any point from any computer
- reference guides
- colourful images throughout
- glossary of terms
- learning objectives
- quizzes
- certificate of achievement

Who it is for and what you will learn

This new e-learning tool is aimed primarily at **Multi-disciplinary Team Co-ordinators** and **Cancer Registration staff** who need to know:

- about cancer–medical terminology, diagnostic tests and treatments
- how cancer services are organised in the NHS
- about cancer types–key risks, including causes, risk factors, signs and symptoms, anatomy and physiology

Other NHS staff can also use it to improve their understanding of cancer

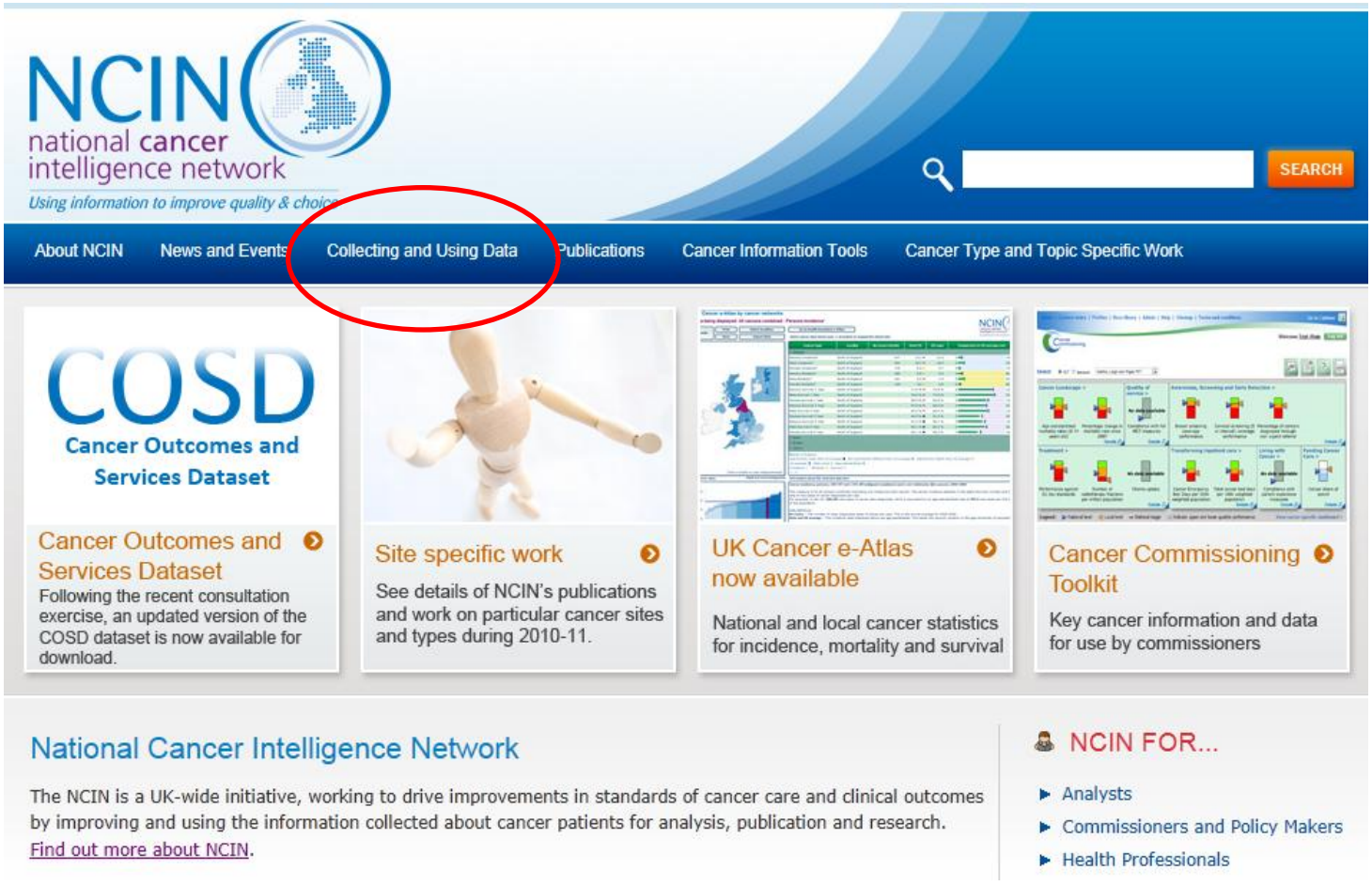


What to do next

For more information, visit www.ncin.org.uk. You will be able to self register onto the learning space website ready for the launch on the 2nd April 2012

EastMidlands Cancer Network Unlocking better care · NCIN national cancer intelligence network · ukacr United Kingdom Association of Cancer Registries · National Cancer Action Team Part of the National Cancer Programme · NHS

NCIN website



Are you ready for COSD?

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- **This has been coming since January 2008!**
- National contract
  - Guidance & Variation Documents
  - Conformance Guidance coming for 2013/14
- Conformance Reports and monitoring
- Are your MDT systems in place?
- Do your clinical teams know?

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Thank you

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