

Cancer Outcomes and Services Dataset

Upper GI Clinical Leads Workshop

Oct 2011

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COSD Programme Manager NCIN

Cancer Datasets

- Sept 2012

- Cancer Registration Dataset – *mandated for several years*
- Going Further on Cancer Waits – Jan 2009
- Radiotherapy – April 2009
- *Chemotherapy (SACT) – April 2012*
- ***Cancer Outcomes and Services Dataset – Autumn 2012***
- *(RC Pathology – Professional/Clinical Standards)*
- *(RC Radiology – Professional/Clinical Standards)*
- ?National Audits

COSD features

- The new national cancer dataset
- Reporting needs v Trust submissions
- Secondary uses – from patient management
- All registerable conditions
 - And secondary breast cancer
- Aligned and standardised
- Multiple data sources – collect once
- Components
 - Core (Registration and Cancer Waits)
 - Site specific (cf nat audit)
 - Key pathology (core RCPATH)
- Monthly submission
- Monthly feedback

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

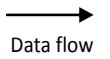
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MDT System

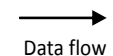
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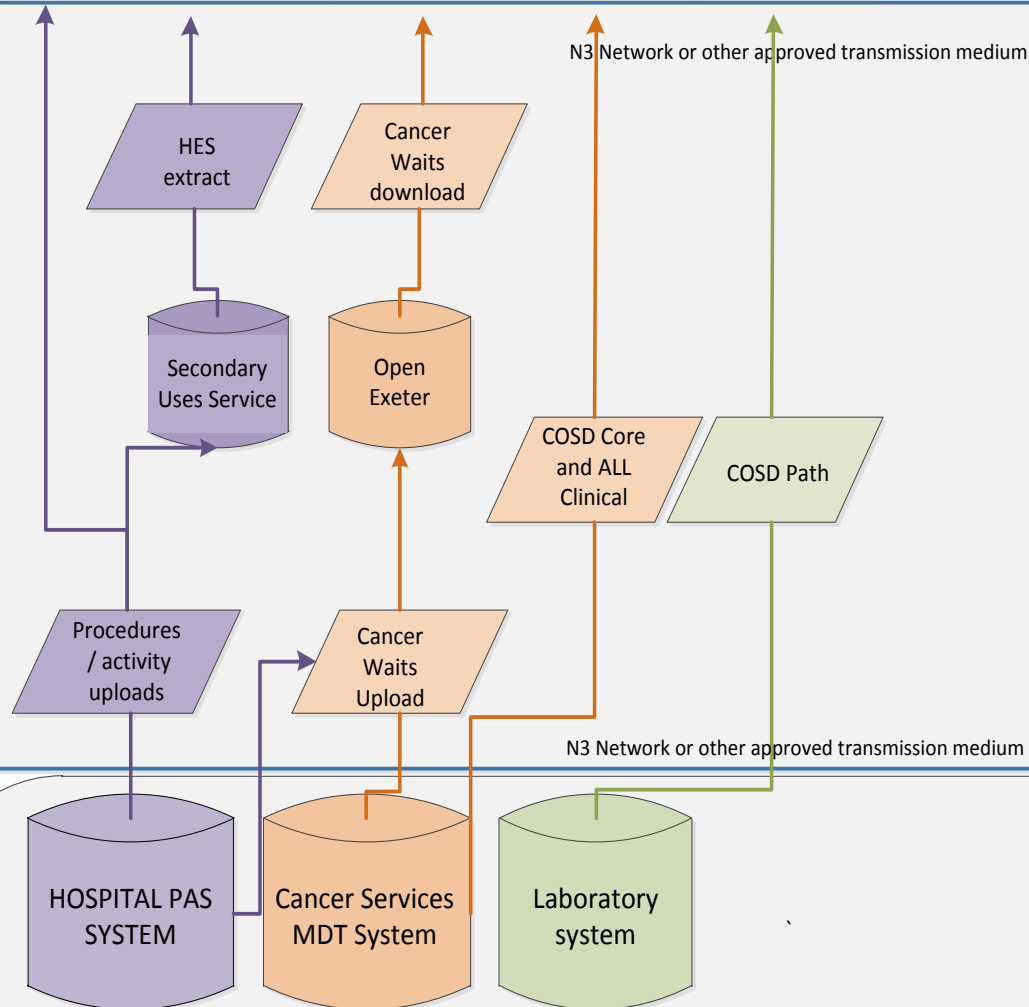
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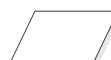
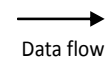
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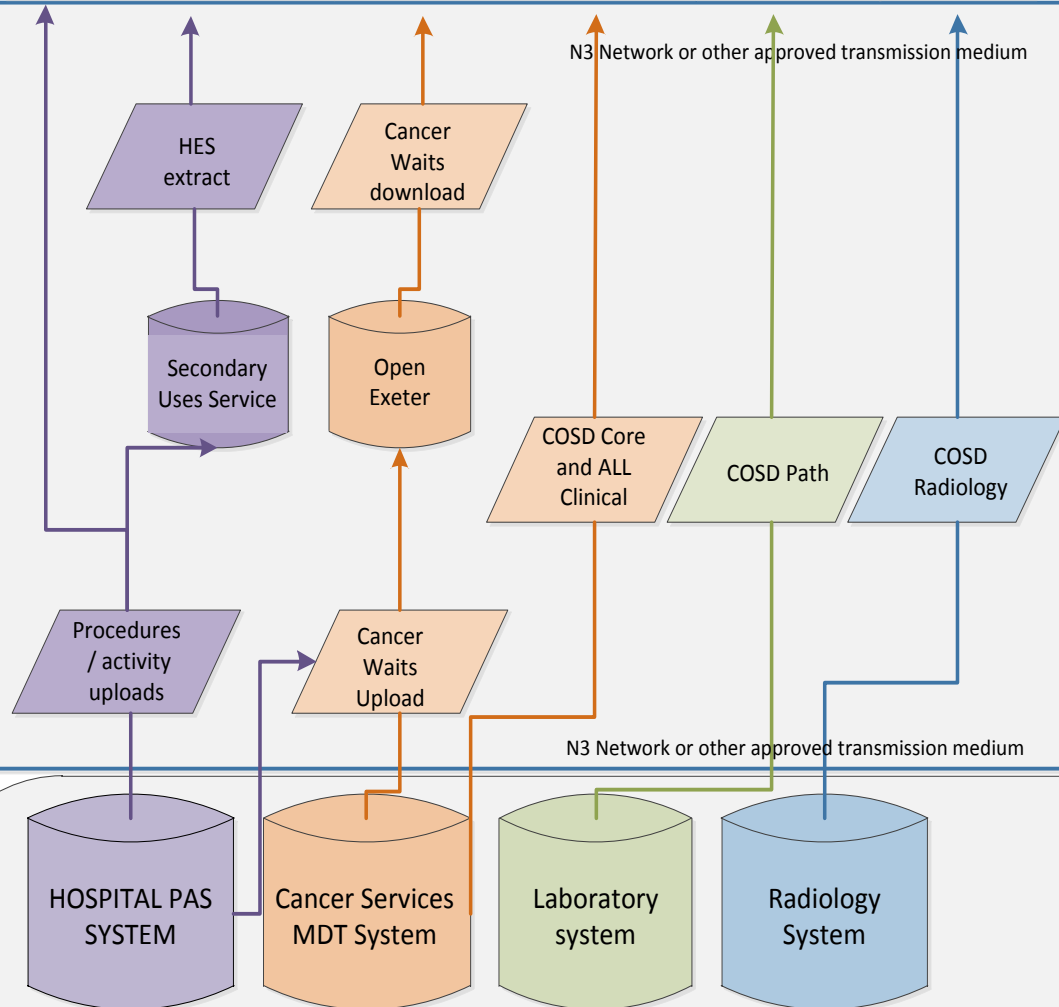
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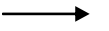
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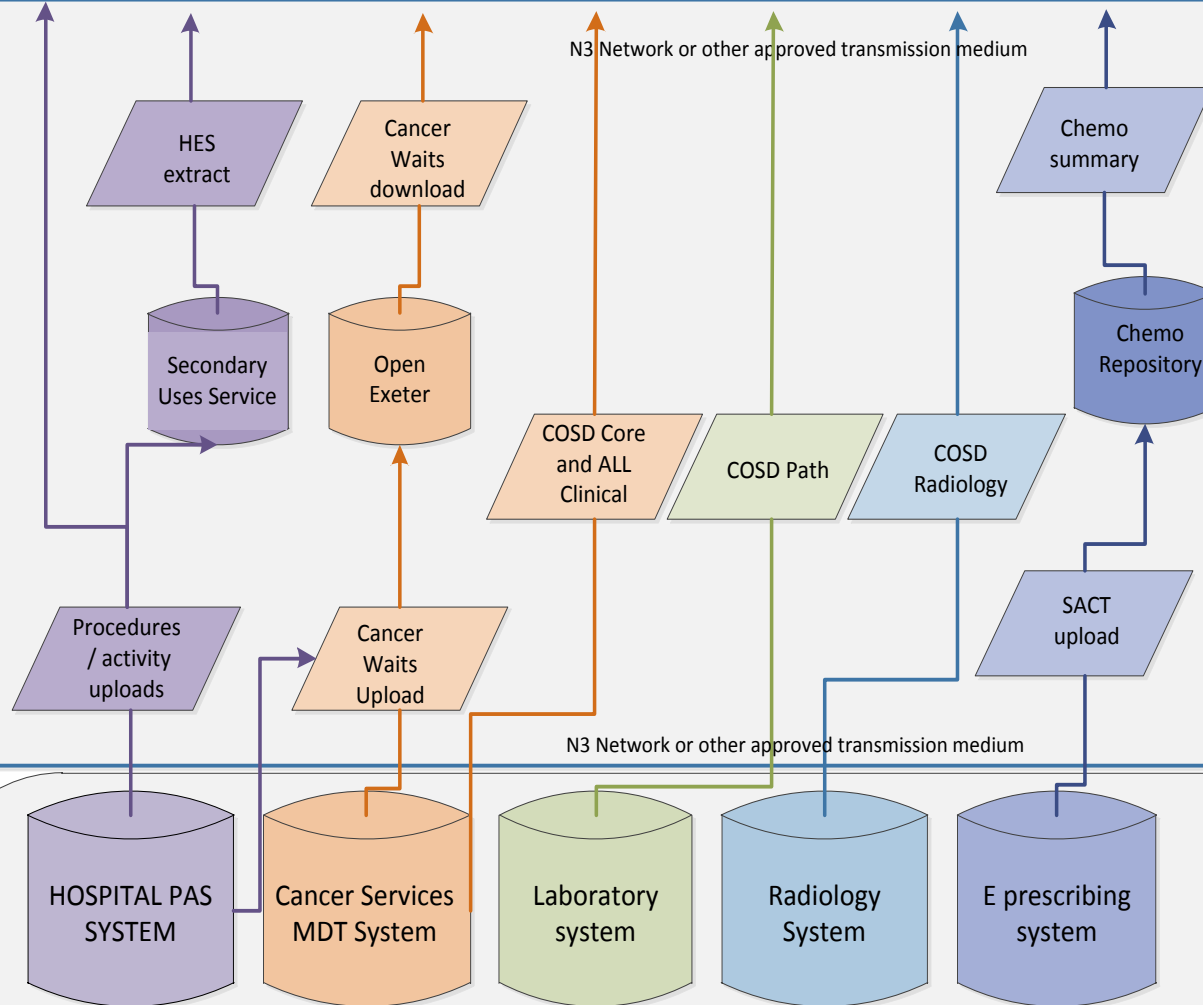
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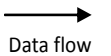
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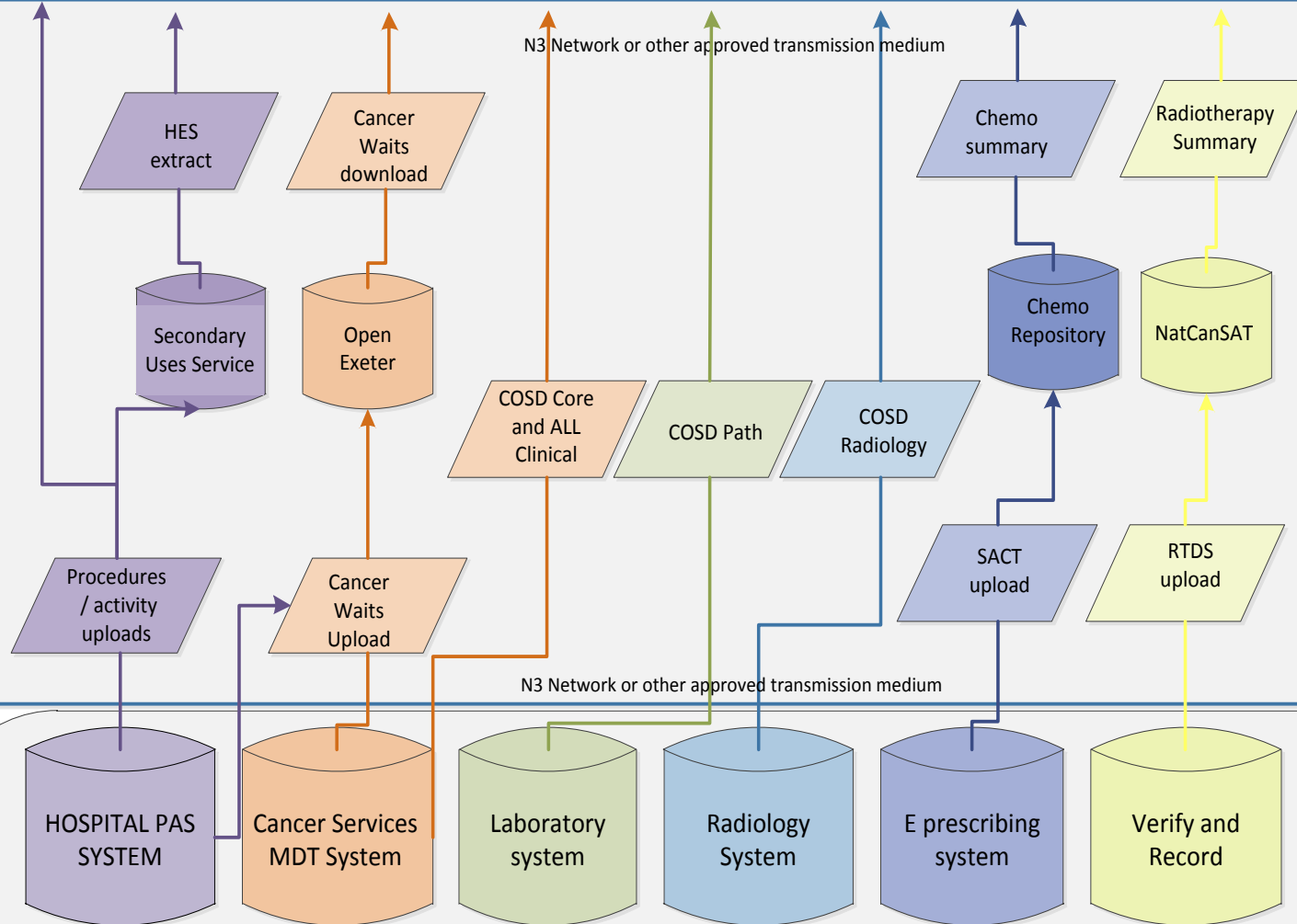
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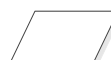
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/ activity
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SYSTEMCancer
Waits
downloadOpen
ExeterCancer
Waits
UploadCancer Services
MDT SystemCOSD Core
and ALL
Clinical

COSD Path

COSD
RadiologyLaboratory
systemRadiology
SystemE prescribing
systemSACT
uploadChemo
RepositoryChemo
summaryRadiotherapy
Summary

NatCanSAT

RTDS
uploadVerify and
RecordDeaths
Data

ONS

Acute Trust / Cancer Centre

COSD TRUST DATAFLOWS

NATIONAL REGISTRY DATABASE (COSD DATASET)

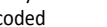
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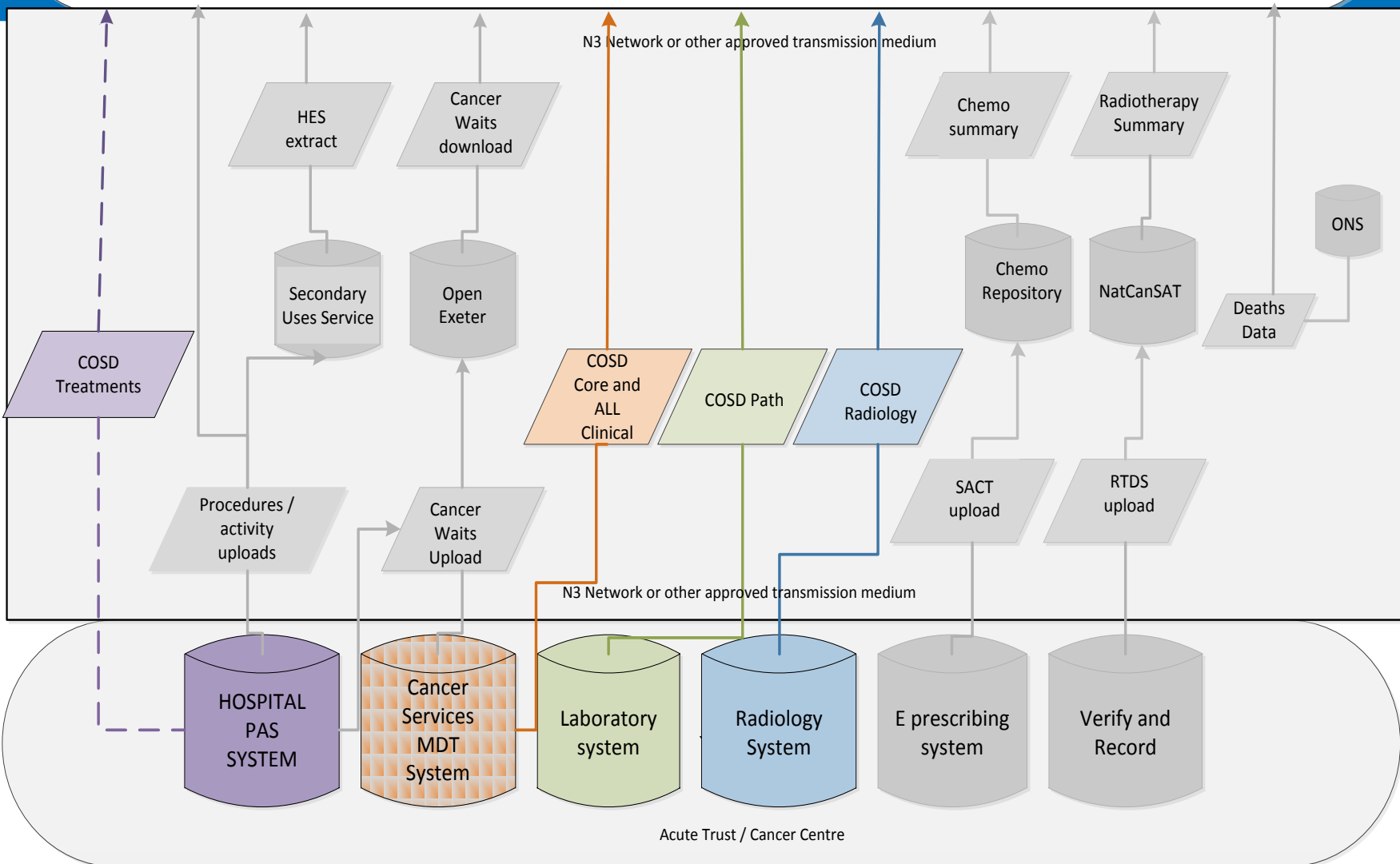
Data store



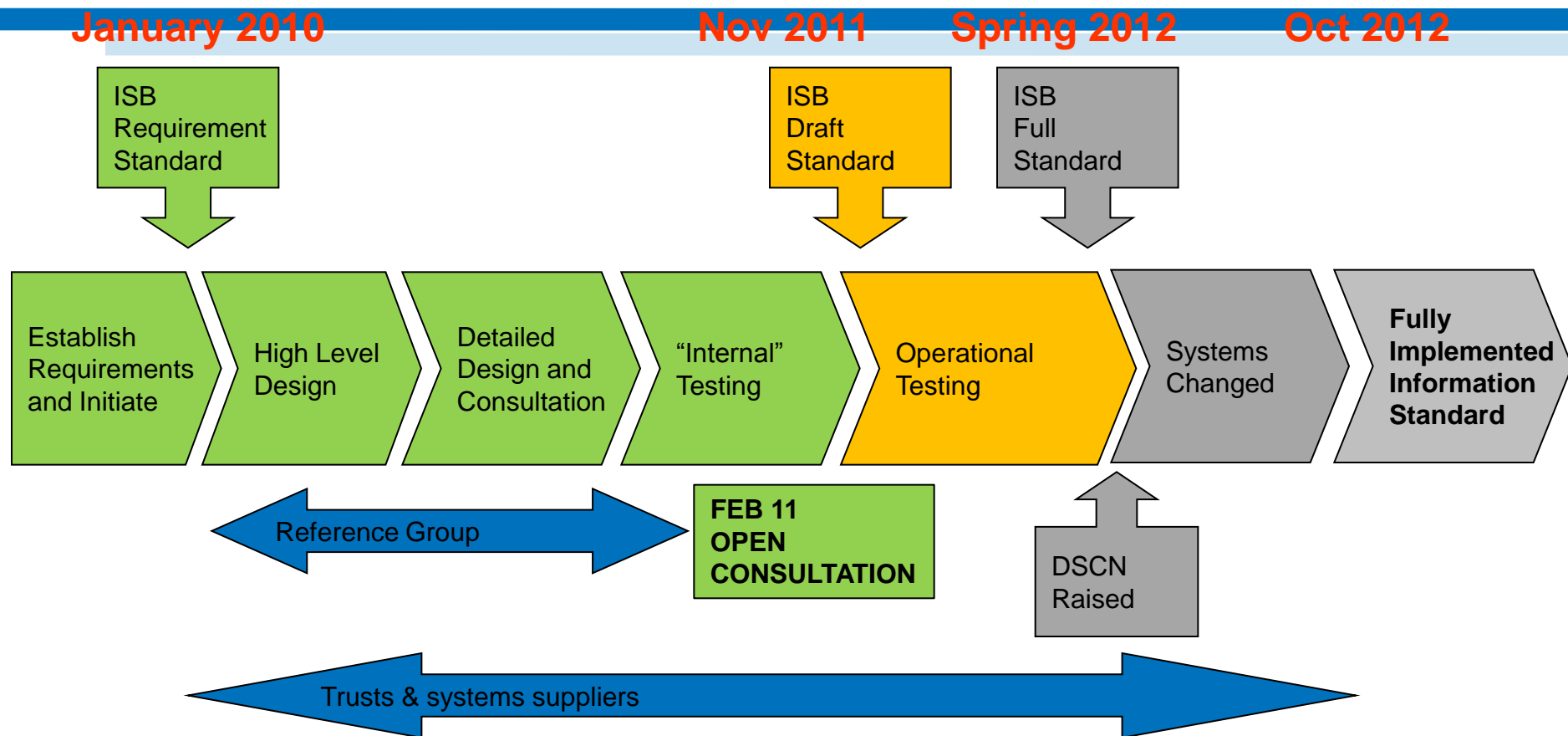
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Data flow




ISB Process – Where are we now?



NCIN website



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



[SEARCH](#)

[About NCIN](#) [News and Events](#) [Collecting and Using Data](#) [Publications](#) [Cancer Information Tools](#) [Cancer Type and Topic Specific Work](#)

COLLECTING AND USING DATA

- Data Collection
 - [Cancer Outcomes and Services Dataset \(COSD\)](#)
 - [National Radiotherapy Dataset \(RTDS\)](#)
 - [Going Further on Cancer Waits](#)
 - [Co-morbidity](#)
 - [Systemic Anti-Cancer Therapy Dataset \(Chemotherapy\)](#)

Cancer Outcomes and Services Dataset (COSD)

What is the COSD?

The COSD will be the new national standard for reporting cancer in the NHS in England. It will replace the current National Cancer Dataset and will include the Cancer Registration dataset and additional site specific data items relevant to the different tumour types. It will be aligned with existing national cancer datasets ([Cancer Waits](#) and [Radiotherapy](#)) and with the [Systemic Anti Cancer Therapy dataset](#) (SACT) currently development. The COSD is being developed by the NCIN in collaboration with it's Site Specific Clinical Reference Groups.

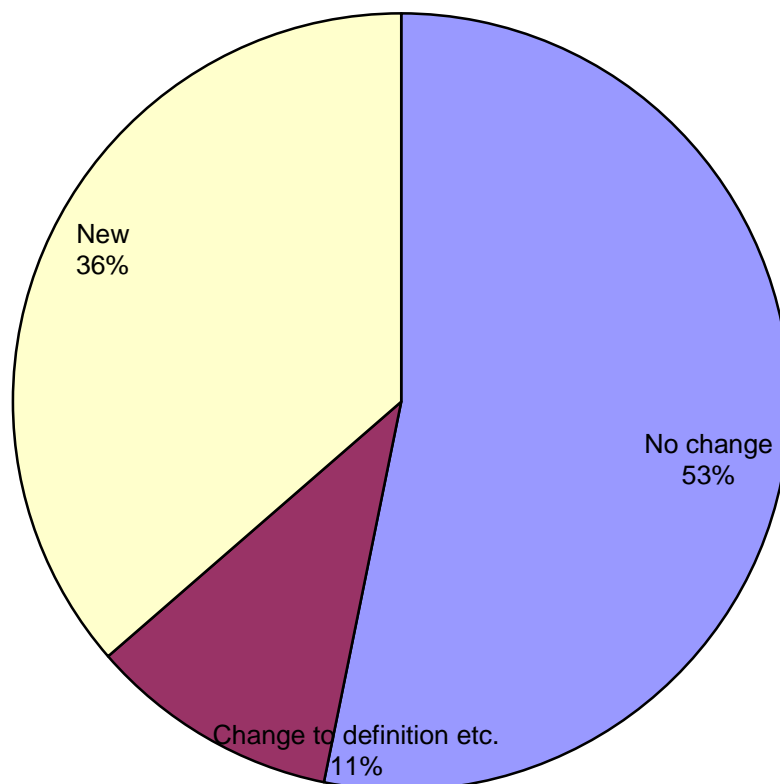
Why is it needed?

We needed to revise the national cancer dataset to ensure that we meet the current information requirements for the NHS. The Cancer Reform Strategy (2007) identified better information and stronger commissioning as two of the key drivers to achieve the goal that cancer services in this country should be amongst the best in the world. The subsequent Improving Outcomes: A Strategy for Cancer (January 2011) further supports this concept to

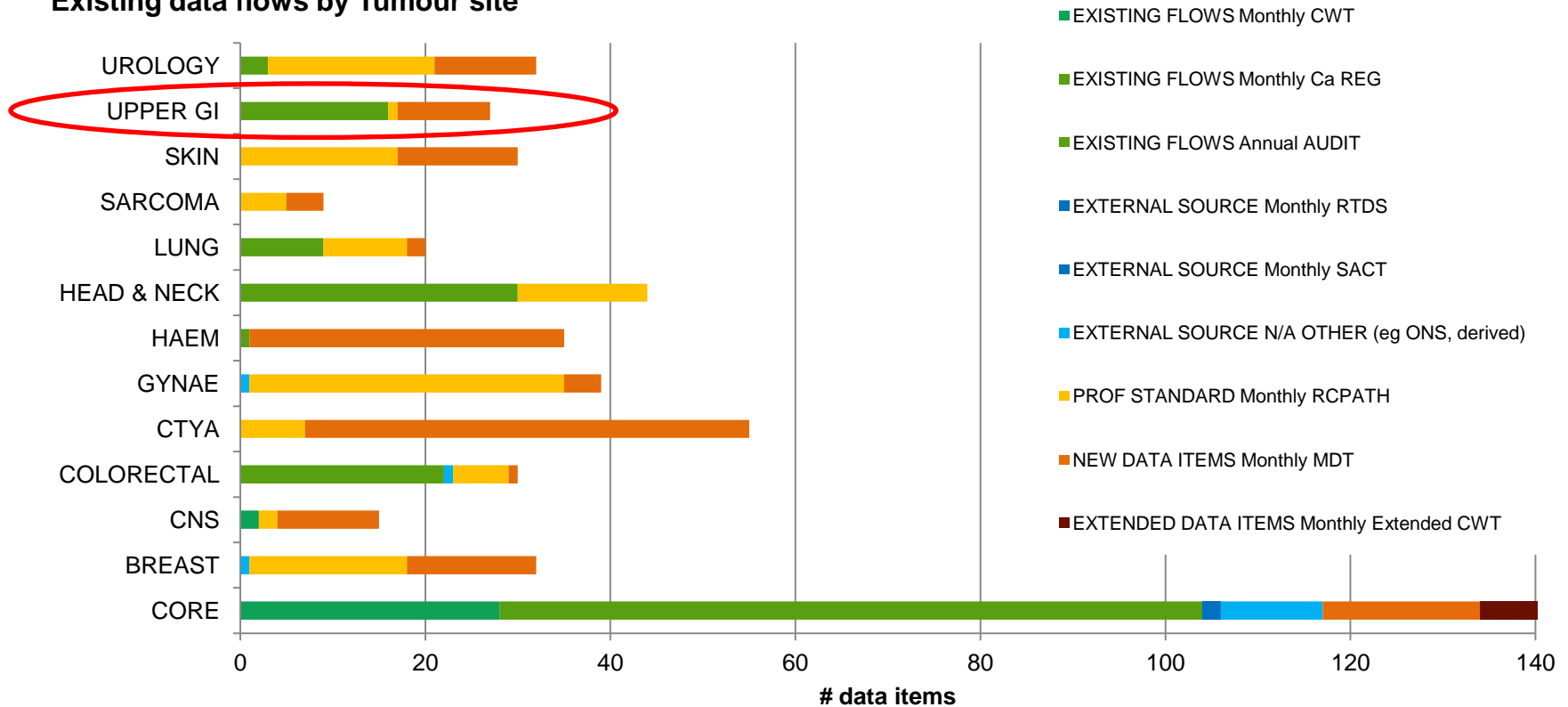
The NCIN is a UK-wide initiative, working to drive improvements in standards of cancer care and clinical outcomes by improving and using the information collected about cancer patients for analysis, publication and research.
[Find out more about NCIN.](#)

- [Analysts](#)
- [Commissioners and Policy Makers](#)
- [Health Professionals](#)

A new dataset???

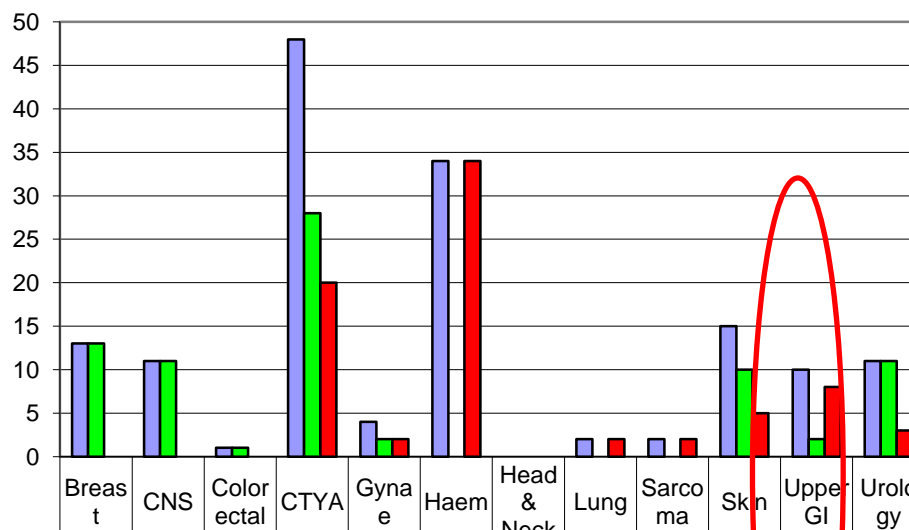


Existing data flows by Tumour site



“New” data

Completeness Evidence



■ Total number of New data items	13	11	1	48	4	34	0	2	2	15	10	11
■ Completed (strong and medium data completeness)	13	11	1	28	2	0	0	0	0	10	2	11
■ Partially or not evidence of completeness (Weak and no evidence/no response recorded)	0	0	0	20	2	34	0	2	2	5	8	3

Collating the data - Modernisation of Cancer Registration

- 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
 - Local data supplements e.g. MDTs, pathology
 - Increased timeliness
 - Regular 'progress' reports to MDTs/trusts

MDT Performance – Data completeness

Filter

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.

Help

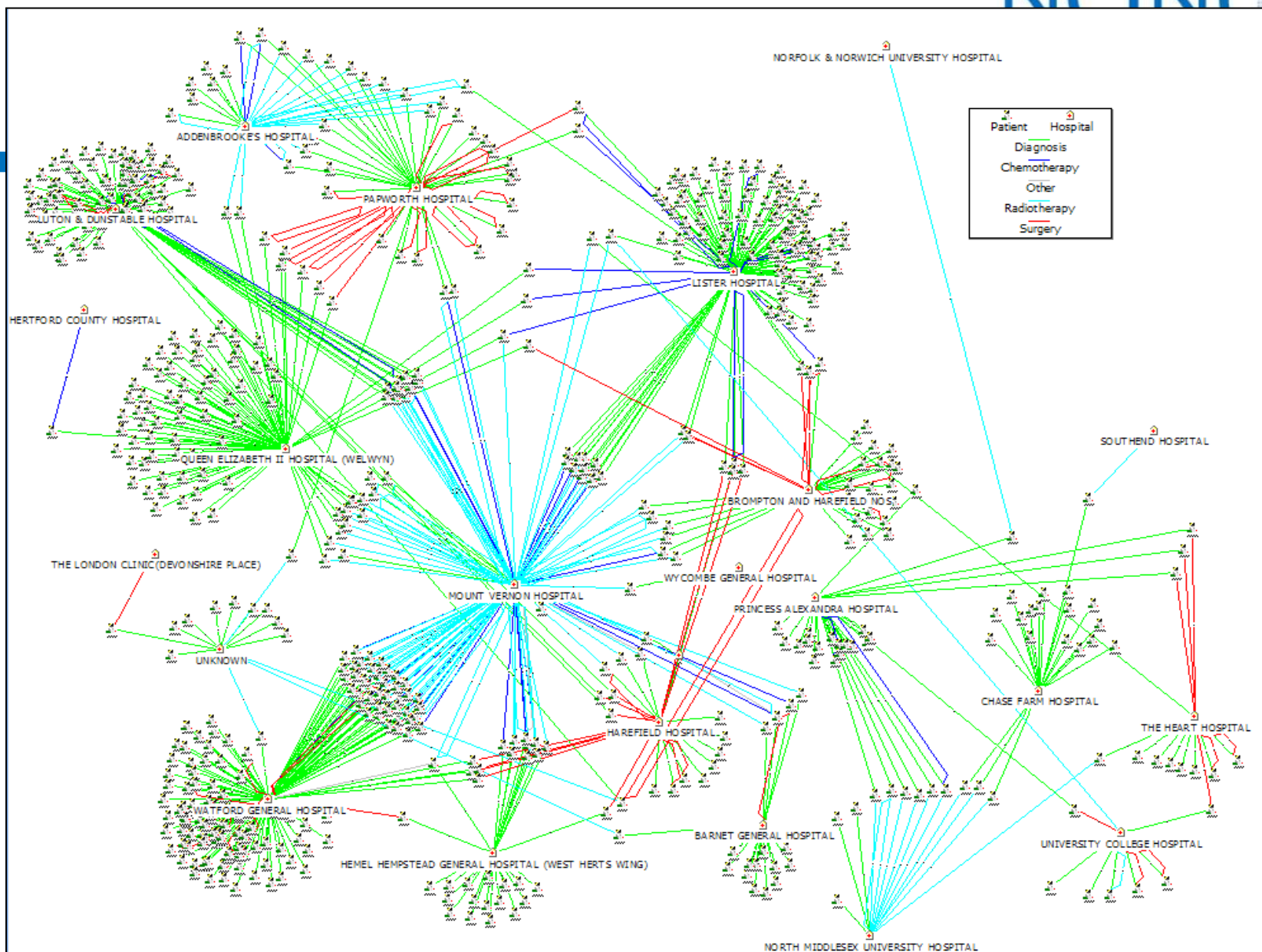
Indicator	Hospital	Total Pts	Current Month %	Last Month %	Trend	Data Completeness
Date of Diagnosis: Aug-10	E+N Herts	16	100	94.40	↑	0 100
Date of Diagnosis: Aug-10	West Herts	8	100	100.00	—	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	16	0	0.00	—	0 100
Pre-Treatment TNM: Aug-10	West Herts	8	0	0.00	—	0 100
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	—	0 100
Final TNM: Aug-10	West Herts	9	0	0.00	—	0 100
▼ 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 ■

— +



Thank you
Any Questions

cosd@ncin.org.uk

www.ncin.org.uk