

# Cancer Outcomes and Services Dataset

CTYA Clinical Leads Workshop  
November 2011

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COSD Programme Manager NCIN

# Updates on..

- Staging Panel
- Cancer Outcomes and Services Dataset

# National Staging Panel for Cancer Registration

- Cancer registries target - 70% staging completion by 2012 (from 30% avg)
- Stage data not getting to registries
- No standardised methods used
- Future - COSD – stage data direct from MDTs
- Interim - NCIN Staging Panel aim - guidelines to registries
- Guidelines in development - Colorectal, Lung, Prostate, Breast and Malignant Melanoma.
- Consultation with SSCRGs

For further information please contact [brian.rous@ecric.nhs.uk](mailto:brian.rous@ecric.nhs.uk)

# Data in context

- Wider programme of work
- National, Regional, Local needs
- Providers, Commissioners, users
- Limited electronic recording
- Patient pathways – specialist referrals and shared care
- Data needs to be:
  - Timely
  - Accurate
  - Complete
  - Relevant

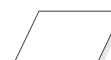
## CANCER REGISTRY

NATIONAL REGISTRY DATABASE  
(COSD DATASET)

## KEY



Data store

Fully structured /  
coded

Data flow

N3 Network or other approved transmission medium

N3 Network or other approved transmission medium

HES  
extractSecondary  
Uses ServiceProcedures  
/ activity  
uploadsHOSPITAL PAS  
SYSTEMCancer  
Waits  
downloadOpen  
ExeterCancer  
Waits  
UploadCancer Services  
MDT SystemCOSD Core  
and ALL  
Clinical

COSD Path

COSD  
RadiologyLaboratory  
systemRadiology  
SystemE prescribing  
systemVerify and  
RecordChemo  
summaryChemo  
RepositorySACT  
uploadRadiotherapy  
Summary

NatCanSAT

RTDS  
uploadDeaths  
Data

ONS

# What is COSD?

- 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 (Registration and Cancer Waits)
  - Site specific - clinical (cf nat audit)
  - Site specific - Key pathology (core RCPATH)
- Monthly submission
  - Replaces current registry submission
  - Avoid duplication of other dataflows
  - Multiple sources - within and across Trusts
  - Via XML
- Monthly feedback

The diagram illustrates the COSD Trust Dataflows, showing the flow of data from various systems to the National Registry Database (COSD Dataset).

**Legend:**

- Trust Flows:** Indicated by colored boxes (purple, orange, green, blue) in the top row of the National Registry Database.
- NO Trust Flows:** Indicated by grey boxes in the top row of the National Registry Database.
- Acute Trust / Cancer Centre:** The bottom section of the diagram, containing various data sources.
- Key:**
  - Data store:** Represented by a cylinder icon.
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**Acute Trust / Cancer Centre Data Sources:**

- HOSPITAL PAS SYSTEM:** Data flows to COSD Treatments (parallelogram) and HES extract (parallelogram).
- Cancer Services MDT System:** Data flows to Cancer Waits Upload (parallelogram) and Cancer Waits download (parallelogram).
- Laboratory system:** Data flows to COSD Core and ALL Clinical (parallelogram).
- Radiology System:** Data flows to COSD Path (parallelogram) and COSD Radiology (parallelogram).
- E prescribing system:** Data flows to SACT upload (parallelogram).
- Verify and Record:** Data flows to RTDS upload (parallelogram).

**Intermediate Data Stores and Processes:**

- Secondary Uses Service:** Data flows from HES extract to COSD Treatments.
- Open Exeter:** Data flows from Cancer Waits download to COSD Core and ALL Clinical.
- COSD Core and ALL Clinical:** Data flows to COSD Path and COSD Radiology.
- COSD Path:** Data flows to COSD Radiology.
- COSD Radiology:** Data flows to Chemo summary (parallelogram) and Radiotherapy Summary (parallelogram).
- Chemo Repository:** Data flows from Chemo summary to COSD Core and ALL Clinical.
- NatCanSAT:** Data flows from Radiotherapy Summary to COSD Core and ALL Clinical.
- Deaths Data:** Data flows from ONS (Data store) to COSD Core and ALL Clinical.

**National Registry Database (COSD Dataset):**

- Trust Flows:** COSD Treatments, COSD Core and ALL Clinical, COSD Path, COSD Radiology.
- NO Trust Flows:** HES extract, Cancer Waits download, Secondary Uses Service, Open Exeter, Chemo summary, Radiotherapy Summary, Chemo Repository, NatCanSAT, Deaths Data, ONS.

**Transmission Medium:** N3 Network or other approved transmission medium.

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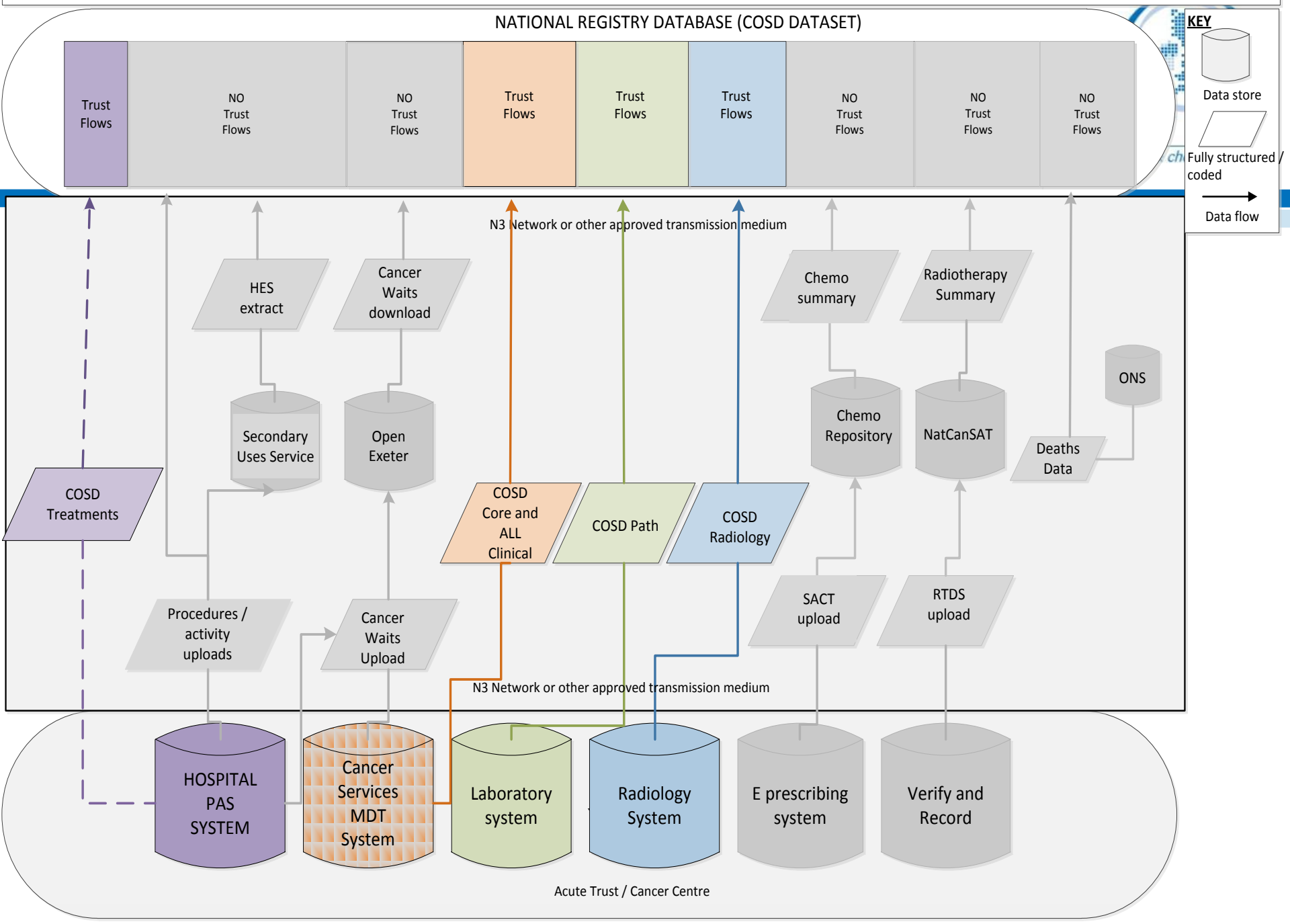
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# Impact on Current Cancer Datasets



Current dataset	Submission frequency	New Dataset (From Oct 2012)	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	None (Recommendations in place for	? No change	

# The CTYA dataset

## Core data

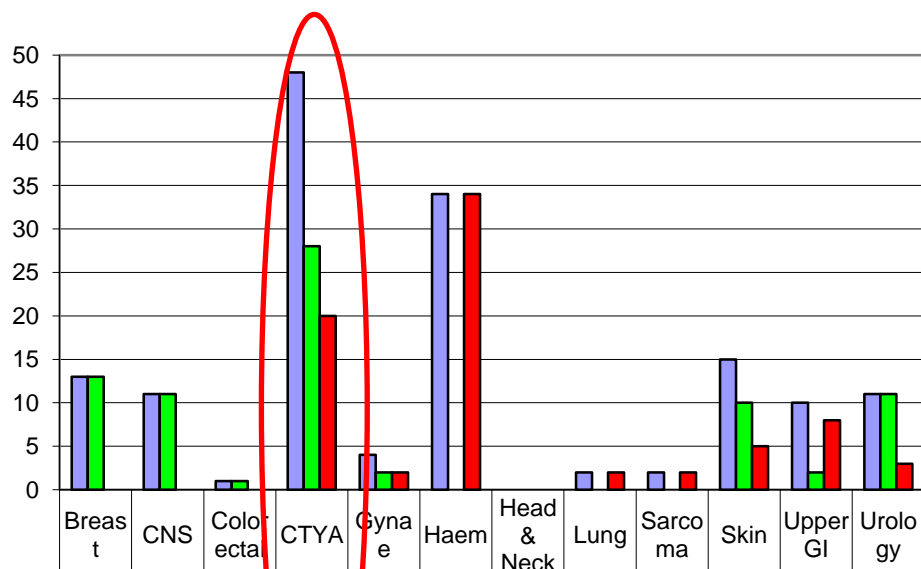
- All cancers in under 25 year olds  
eg referral, diagnosis, care plan, treatment

## Site specific data for:

- Age specific services
- Other significant conditions
- Eg Murphys stage for NHL

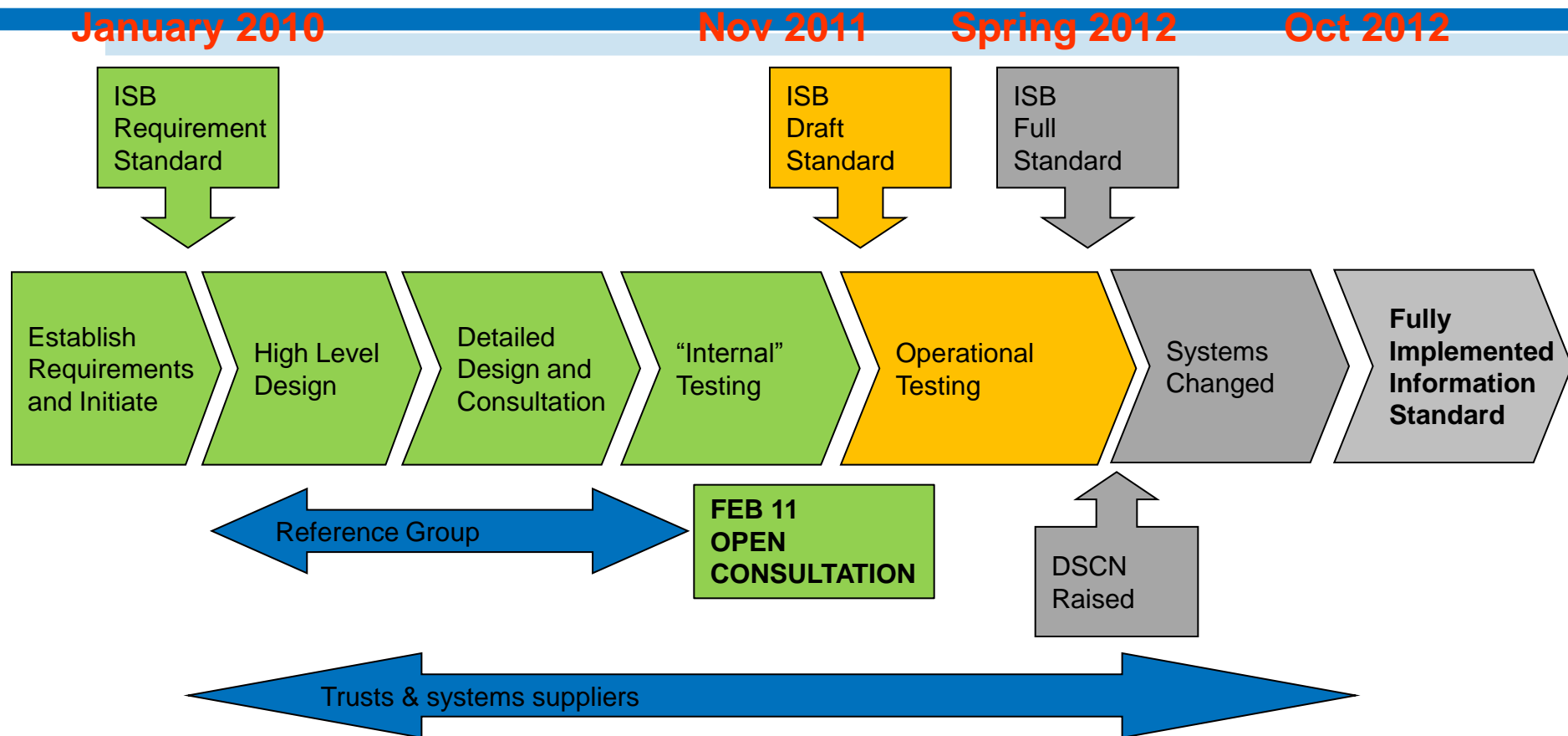
# “New” data?

## 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

# ISB Process – Where are we now?



# Further information

- Draft dataset on NCIN website
- Dedicated email [cosd@ncin.org.uk](mailto:cosd@ncin.org.uk)
- Implementation Guidelines to be published

# NCIN website

The screenshot shows the NCIN website homepage. The header features the NCIN logo and a search bar. The navigation menu includes: About NCIN, News and Events, **Collecting and Using Data** (circled in red), Publications, Cancer Information Tools, and Cancer Type and Topic Specific Work. The main content area has five featured sections:

- COSD Cancer Outcomes and Services Dataset**: Following the recent consultation exercise, an updated version of the COSD dataset is now available for download.
- Site specific work**: See details of NCIN's publications and work on particular cancer sites and types during 2010-11.
- UK Cancer e-Atlas now available**: National and local cancer statistics for incidence, mortality and survival.
- Cancer Commissioning Toolkit**: Key cancer information and data for use by commissioners.

## National Cancer Intelligence Network

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.](#)

### NCIN FOR...

- Analysts
- Commissioners and Policy Makers
- Health Professionals

And finally..

***Thank you***  
***..questions and answers?***

[cosd@ncin.org.uk](mailto:cosd@ncin.org.uk)

[www.ncin.org.uk](http://www.ncin.org.uk)