

COSD – one year on

Sarcoma Workshop

January 2014

Trish Stokes

A recap - COSD

- New national cancer dataset – incorporates registration
- Whole patient pathway
- Aligned and rationalised with other cancer datasets
- Includes generic and site specific data
- Submitted monthly – most data from MDT systems and Path systems
- Monthly feedback
- **Phased implementation Jan 13 – Jan 15**
- Oversight by COSD Governance Board

Core dataset

- Referral through to treatment for all patients
- Initial Focus on :
 - Diagnosis
 - Basis of diagnosis
 - Performance status (for adults)
 - Contact with CNS
 - MDT discussion
 - Stage (TNM and site specific)

Sarcoma – Site Location

- SARCOMA TUMOUR SITE (BONE)
- SARCOMA TUMOUR SUBSITE (BONE)
- SARCOMA TUMOUR SITE (SOFT TISSUE)
- SARCOMA TUMOUR SUBSITE (SOFT TISSUE)
- MULTIFOCAL OR SYNCHRONOUS TUMOUR INDICATOR

Sarcoma – Pathology data

- HISTOPATHOLOGICAL TUMOUR GRADE
- GENETIC CONFIRMATION
- BONE
 - EXTENT OF LOCAL SPREAD
 - TUMOUR NECROSIS
 - TISSUE TYPE AT NEAREST MARGIN
- SOFT TISSUE
 - TUMOUR DEPTH
 - MITOTIC RATE (GIST)

Maintenance and ISB process (NCIN)

- Development of Level 4 (analytical) reports
- Complex dataset – not quite got it right yet!
- Annual revision to keep dataset up to date
- Latest revisions –approved by ISB
 - Standardisation of size measurements to 2dp
 - New fields for Report groupings to align with CCGs
 - Other minor amendments for clarity and current practice (incl Mitotic rate for GISTs)
 - SNOMED CT pilot project (Procedure codes and Path T and M fields)
- Formal change request process through COSD helpdesk
- Regular Newsletter, User Guide and website

Online learning for non clinical staff

The screenshot displays the NCIN (National Cancer Intelligence Network) website. At the top, there are two banners: 'Understanding Cancer' on the left and 'Oncology Training for NHS and Public Health non-clinical staff' on the right. Below these is a browser window showing the NCIN homepage. The browser's address bar indicates the URL 'http://www.ncin.org.uk/home'. The website features a search bar and a navigation menu with links: 'About NCIN', 'News and Events', 'Collecting and Using Data', 'Publications', 'Cancer Information Tools', and 'Cancer Type and Topic Specific Work'. The main content area includes four featured items: 'Cancer Outcomes Conference 2014', 'Health Intelligence Networks', 'Routes to diagnosis', and 'Understanding Cancer e-learning'. The 'Understanding Cancer e-learning' item is highlighted with a red circle, indicating it is the focus of the presentation. A table titled 'Launched Modules' is also visible, listing 'Cancer Surveillance' and 'Lower Gastrointestinal Tract'.

Understanding Cancer
Oncology Training for NHS
and Public Health non-clinical staff

Launched Modules

Cancer Surveillance	Lower Gastrointestinal Tract
National Health Service	Paediatric System and Malignancies

http://www.ncin.org.uk/home

phe.gov.uk NCIN Homepage

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Civil Service Learning Ho... Web Slice Gallery

Page Safety Tools

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

Cancer Outcomes Conference 2014
9th and 10th June
Hilton Birmingham Metropole

Health Intelligence Networks
The NCIN model is being followed in the development of other Health Intelligence Networks. Find out more

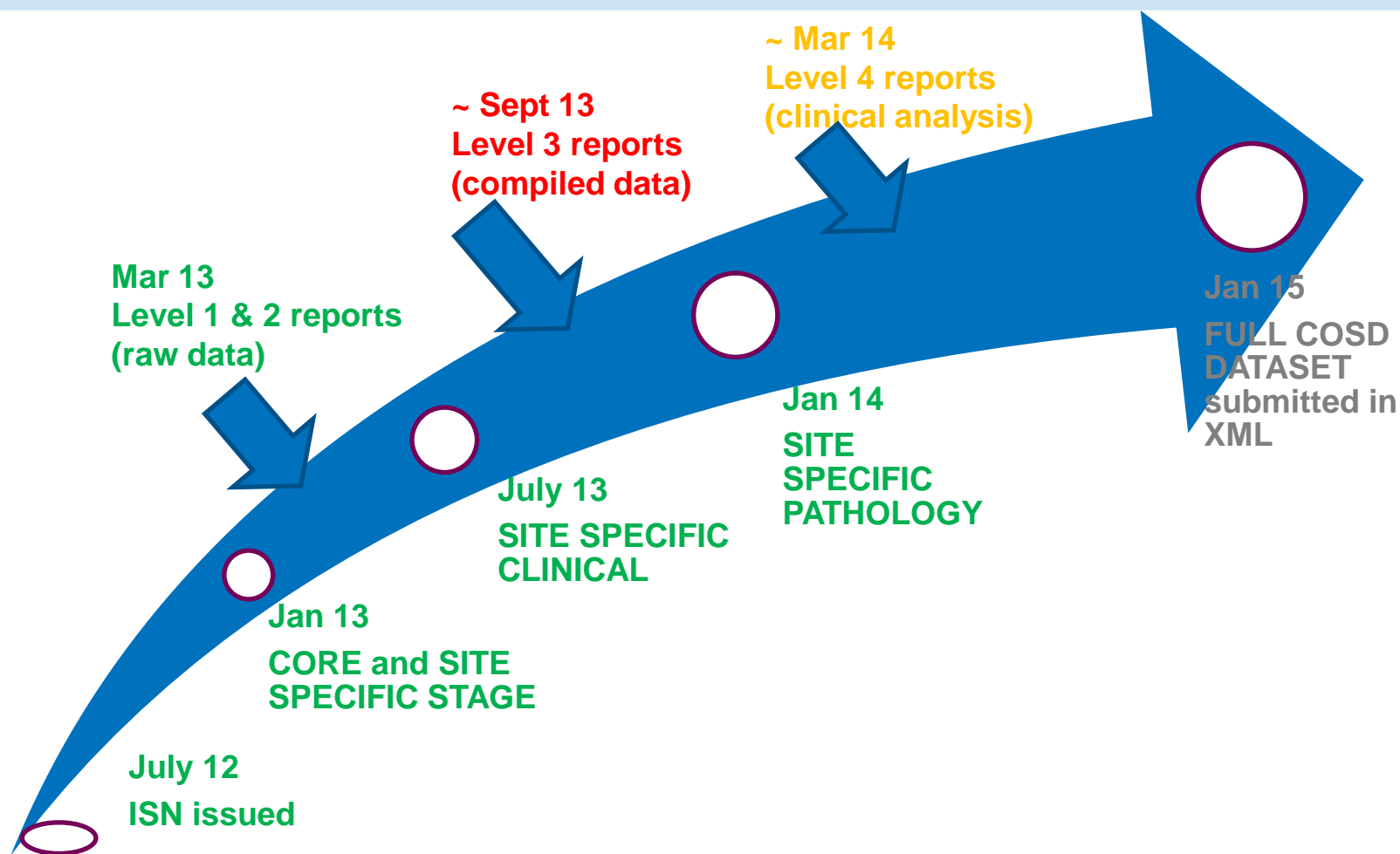
Routes to diagnosis
Routes and relative survival for cancers diagnosed in England in 2006-2008

Understanding Cancer e-learning
Oncology training for NHS non-clinical staff

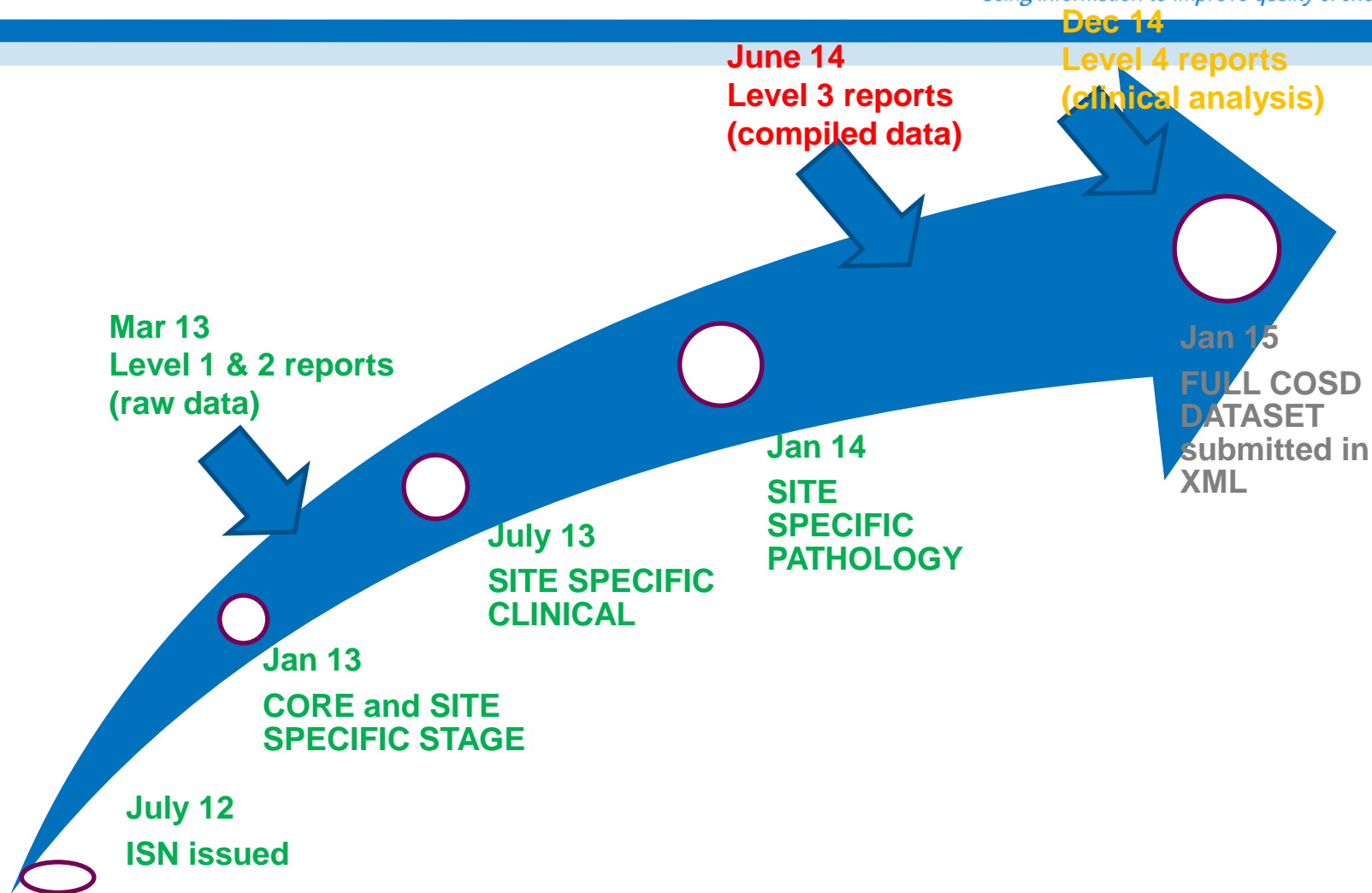
National Cancer Intelligence Network

100%

Timetable



Timetable



Reporting feedback

- Reporting portal
 1. Fact of submission (files)
 2. Data Quality (raw data)
 3. Quality assurance (processed data)

- Analytical reports - led by NCIN
 4. Clinical analysis (processed/summarised data)

Cancer registration

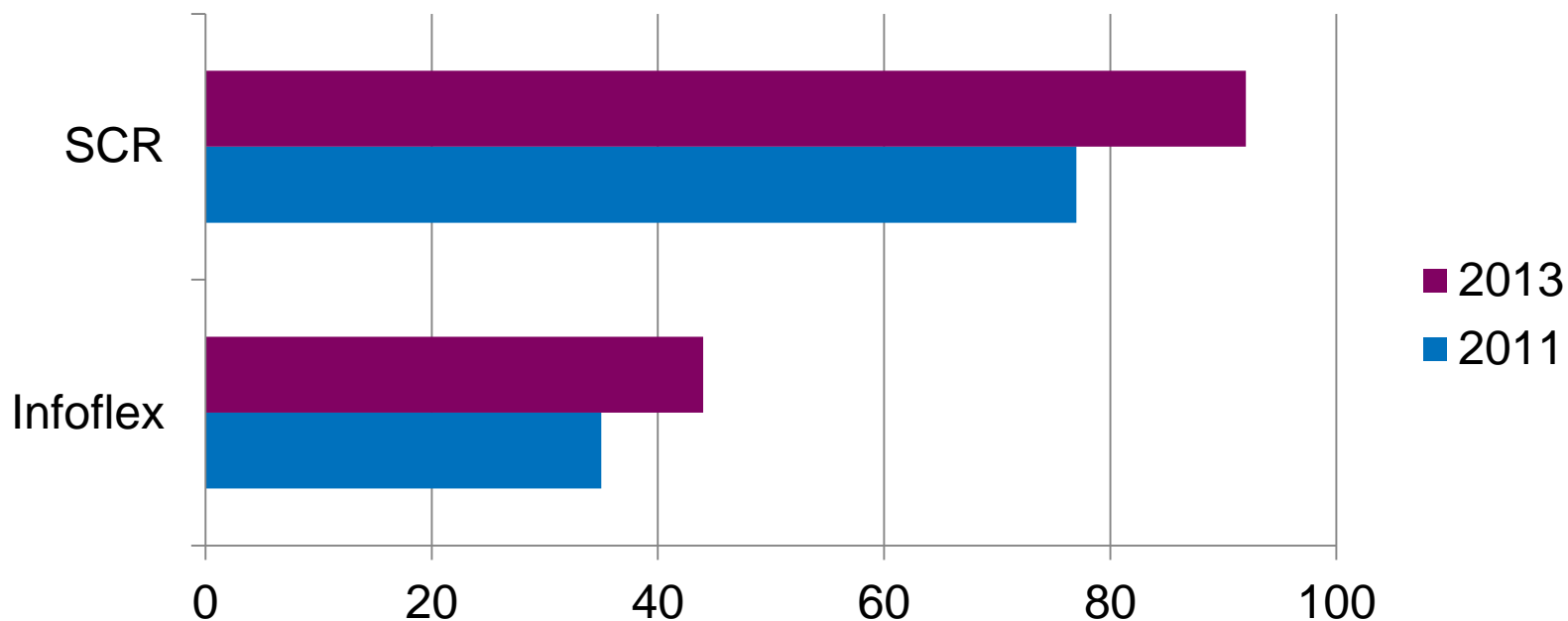
- Separation of registration and analysis within PHE
- Analysis by PHE Knowledge and Intelligence Teams and NCIN
- National Cancer Registration Service
 - Single system (ENCORE) and processes
 - Collate data from multiple sources
 - Timely feedback

Implementation progress

- Implementation led by NCRS
- Data Transfer Agreements signed with Trusts
- ~160 trusts submitting MDT data files
- Data liaison lead appointed to work with Trusts
- Reporting portal established – feedback on files received and key fields in raw data submitted
- Revision of reporting portal – expected Feb 2014
- Registration feedback deferred to 2014

MDT systems in place

- 25% increase in use of two main systems



- Standard template for trusts with no system

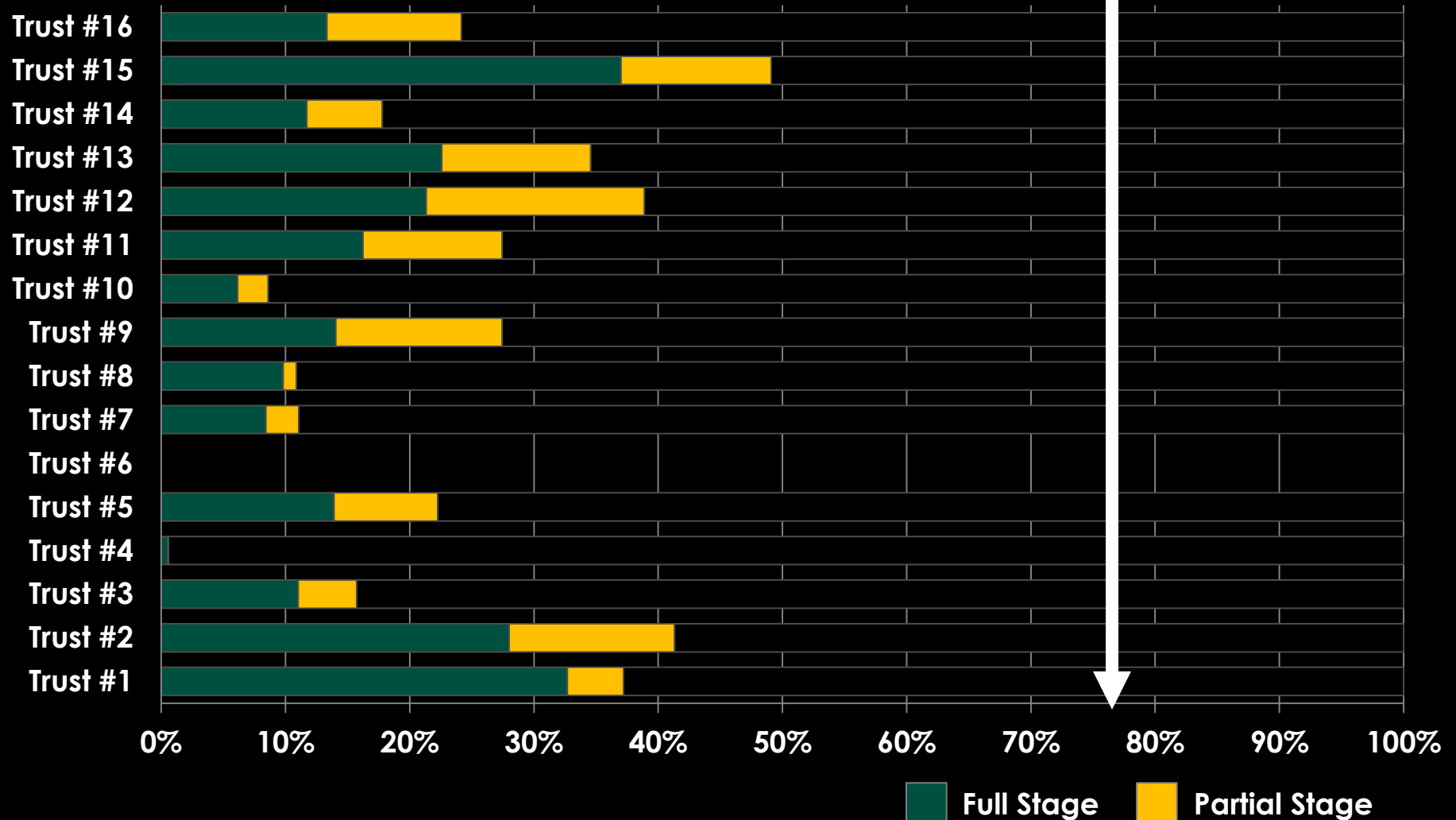
Data Liaison Team

- National lead appointed
- Officer at each branch office
- Working with Trusts to improve data quality and completeness
- Concentration on key fields to start with – eg stage completeness

London Cancer Alliance

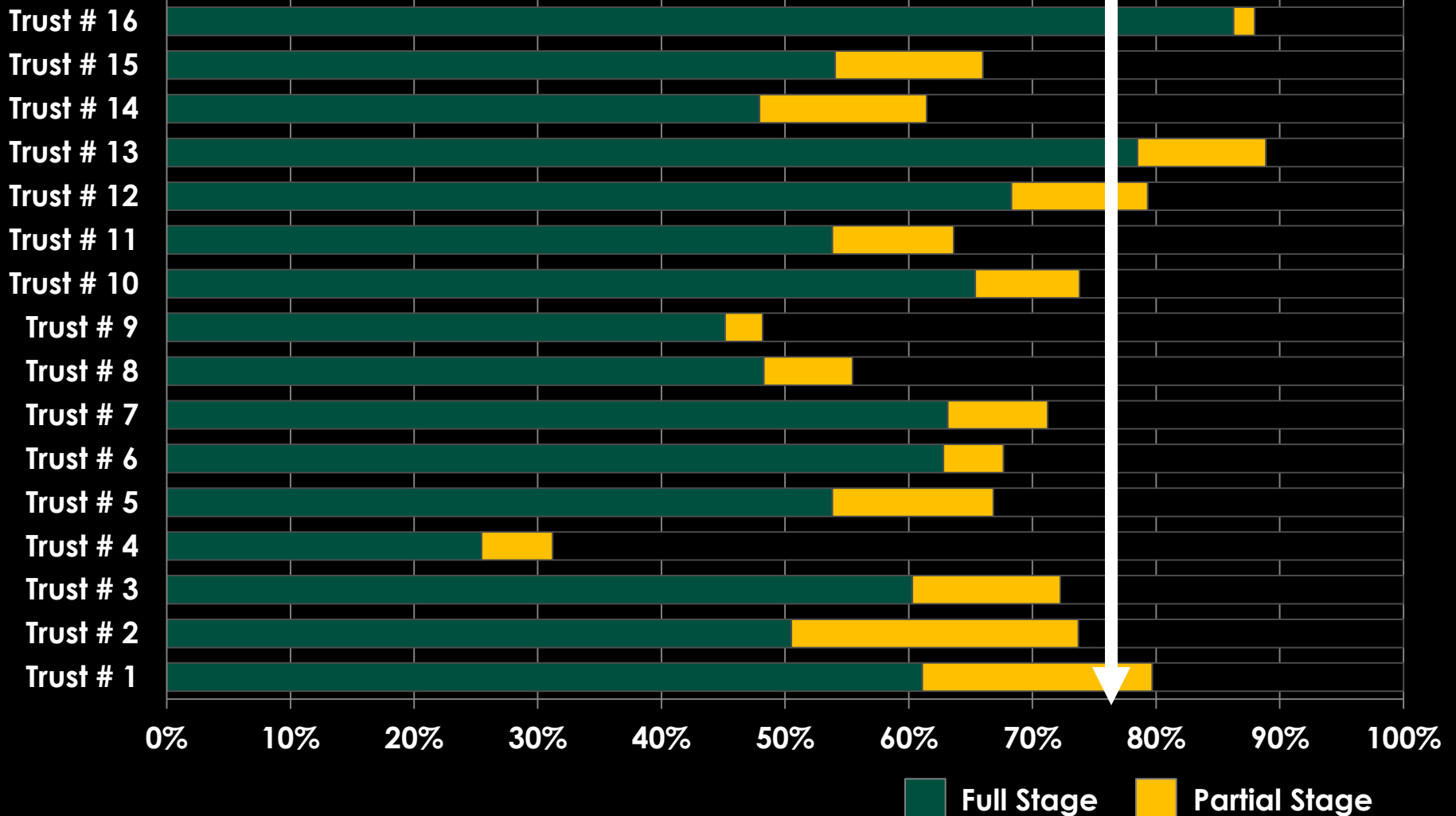
Staging Completeness 2011 / 2012

70% Target



London Cancer Alliance

Staging Completeness 2012 /2013



Reporting portal

<http://cosd.ncr.nhs.uk/>

The screenshot shows the 'Cancer Outcomes and Services Dataset (COSD) Conformance Monitoring Feedback Portal' in an Internet Explorer browser window. The address bar shows the URL <http://cosd.ncr.nhs.uk/node/35>. The page has a blue header with the title and navigation links 'Home' and 'Request Account'. A sidebar on the left lists 'Conformance Reports' for various dates from 01-2013 to 07-2013. The main content area is titled '06-2013 Level 1 and 2' and includes submission details, a purpose statement, and a list of items covered by the reports.

Internet Explorer cannot display this page
06-2013 Level 1 and 2 | Can...

File Edit View Favorites Tools Help

Civil Service Learning Ho... Web Slice Gallery

My account Log out

Cancer Outcomes and Services Dataset (COSD) Conformance Monitoring Feedback Portal

Home Request Account

Home

Conformance Reports

- 01-2013 Level 1 and 2
- 02-2013 Level 1 and 2
- 03-2013 Level 1 and 2
- 04-2013 Level 1 and 2
- 05-2013 Level 1 and 2
- 06-2013 Level 1 and 2
- 07-2013 Level 1

06-2013 Level 1 and 2

Submitted by miles.smith on Tue, 08/06/2013 - 15:42

COSD Level 1 and Level 2 Conformance Reports

Submission due date:
02.08.2013 for 06.2013 diagnosis/treatment

Purpose: Provide feedback according to the COSD Conformance Framework

These reports cover:

Level 1:

Whether the file was as agreed in the DTA

Whether the file was received on time

Whether the file was received in the correct format

100% 18:46 24/09/2013

Reporting feedback developments

- Revised feedback reports in progress (Level 1 and 2)
- Changes to be shown over time
- Separate online reports for each tumour group
- Revised tumour groupings and total by Trust
- Compiled registrations (Level 3) – deferred to mid 2014



Level 1 Reports

- Level 1.1 Report
- Level 1.2 Report
- Level 1.3 Report

Report Descriptions

Click headings to show descriptions...

> Level 1.1

Have all the agreed COSD data files been received as per the COSD Data Transfer Partnership Agreement?

Trusts would be expected to send a monthly submission of all files agreed in their COSD Data Transfer Partnership Agreement. For a trust to be compliant with Measure 1.1, ALL the required files must have been received on time for that month. If one or more is missing or late, the trust will be non-compliant. Please refer to Measure 1.2 to see details of individual data feeds.

> Level 1.2

> Level 1.3

Regional Office	East Midlands, Eastern, London,	Strategic Clinical Network	Cheshire And Mersey, East Midla
Region	Essex, Kent & Medway, North Ea	Year	
<div> 1 of 1 100% Find </div>			
Stockport NHS Foundation Trust			
Tameside Hospital NHS Foundation Trust			
The Christie NHS Foundation Trust			
Trafford Healthcare NHS Trust			
University Hospital Of South Manchester NHS Foundation Trust			
Wrightington, Wigan and Leigh NHS Foundation Trust			
<div> Export </div>			
<div> <input checked="" type="checkbox"/> North East, North Cumbria, <input checked="" type="checkbox"/> South East Coast <input checked="" type="checkbox"/> South West <input checked="" type="checkbox"/> Thames Valley <input checked="" type="checkbox"/> Wessex <input checked="" type="checkbox"/> West Midlands <input checked="" type="checkbox"/> Yorkshire And The Humber </div>			
London Cancer			
Essex	Jan	Feb	Mar
The Princess Alexandra Hospital NHS Trust			
North London	Jan	Feb	Mar
Barnet and Chase Farm Hospitals NHS Trust			
Barnet and Chase Farm Hospitals NHS Trust - MDT			
Barnet and Chase Farm Hospitals NHS Trust - PAS			
Barnet and Chase Farm Hospitals NHS Trust - Pathology			
Great Ormond Street Hospital For Children NHS Trust			
Moorfields Eye Hospital NHS Foundation Trust			
North Middlesex University Hospital NHS Trust			
Royal Free Hampstead NHS Trust			
Royal National Orthopaedic Hospital NHS Trust			
The Whittington Hospital NHS Trust			
University College London Hospitals NHS Foundation Trust			

Level 2

– Data quality – raw data

- By MDT/Tumour group and Provider for month of diagnosis (invasive and non invasive)
- Available within **one month** of submission
- For Trusts submitting in XML/structured format
- *How do you want to get feedback?*



Level 2 Report Descriptions

Click headings to show descriptions...

> Level 2.1

> 2.1a: No. tumours diagnosed per month

Number of tumours diagnosed in the calendar month.

Number of cases diagnosed within the reporting month either as a trust overall summary or by selected site groups.

Calculated using CR0370 (Primary Diagnosis ICD10) and CR2030 (Date of Diagnosis).

> 2.1b: No. with a treatment record submitted

> 2.1c: No. with a first treatment of surgery

> 2.1d: No. with a basis of diagnosis

> 2.1e: No. with histological basis of diagnosis

> 2.1f: No. with CNS indication code

> 2.1g: No. had contact with CNS

> 2.1h: No. patients aged under 25

> 2.1i: No. discussed at MDT Meeting

> Level 2.2

> Level 2.3

Trust Derby Hospitals NHS Foundation Trust

Year 2013

Month January, February, March, April, ▼

Tumour Group

1 of 1 100% Find | Next Select a form

Derby Hospitals NHS Foundation Trust
COSD Level 2 MDT Quality and Completeness Report - 2013 for All Sites

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
L2.1 - Data Quality and Completeness for Diagnosis Period												
L2.1a Number of Cases Diagnosed	289	224										
L2.1b Number of Cases Diagnosed with a Treatment Record Submitted	94	73										
L2.1c Number of Cases Diagnosed where the First Treatment was Surgery	80	62										
L2.1d Number of Cases with a Basis of Diagnosis	242	84%	150	67%	154							
L2.1e Number of Cases with a Histological Basis of Diagnosis	165	57%	106	47%	102							
L2.1f Number of Cases with a CNS Indication Code Submitted	11	4%	2	1%	0							
L2.1g Number of Cases Diagnosed who had a CNS Contact	10	3%	2	1%	0							
L2.1h Number of Cases Discussed at an MDT	118	41%	73	33%	88	41%	122	40%	143	30%	123	40%
L2.2 - Completeness for All Cases Discussed at an MDT												
L2.2a Number of Cases with a Performance Status	39	33%	39	53%	51	58%	39	32%	40	28%	31	25%
L2.2b Number of Cases with a Full Stage	35	30%	22	30%	38	43%	33	27%	41	29%	41	33%
L2.2c Number of Cases with a Performance Status and Full Stage	17	14%	18	25%	24	27%	16	13%	24	17%	21	17%
L2.3 - Breakdown of Staging Completeness by Cases Discussed at MDT												
L2.3a Total and % Cases with a Full Stage	35	30%	22	30%	38	43%	33	27%	41	29%	41	33%
Total and % Cases with a Partial Stage	14	12%	8	11%	9	10%	4	3%	12	8%	10	8%
L2.3b Total and % Cases with a Full Pre-Treatment Stage	31	26%	20	27%	31	35%	20	16%	36	25%	34	27%
Total and % Cases with a Partial Pre-Treatment Stage	14	12%	8	11%	9	10%	4	3%	12	8%	10	8%
L2.3c Total and % Cases with a Full Integrated Stage	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Total and % Cases with a Partial Integrated Stage	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
L2.3d Total and % of Cases with a Site Specific Stage	8	7%	2	3%	7	8%	14	11%	6	4%	11	9%

- All Sites
<Select a Value>
NP
All Non-Invasive Cancers
All Sites
Brain & Central Nervous System
Cancer Of Unknown Primary Site
Invasive Breast Cancers
Invasive Cancers Of Soft Tissue (Outside Of Named Organs) And Bone
Invasive Cardiothoracic Tumours (Excluding Lung)
Invasive Endocrine Cancers (Thyroid, Parathyroid, Adrenal And Paraganglia)
Invasive Gynaecological Cancers
Invasive Haematological Cancers
Invasive Head And Neck Cancers (Excluding Thyroid)
Invasive Hepato Biliary And Gall Bladder Cancers
Invasive Lower GI Cancers
Invasive Lung Cancers
Invasive Melanoma Skin Cancers
Invasive Non - Melanoma Skin Cancers
Invasive Oesogastric Cancers
Invasive Pancreatic Cancers
Invasive Prostate Cancers
Invasive Urological Cancers
Non-Invasive Bladder Cancer
Non-Invasive Breast Cancer
Non-Invasive Cervical Cancer
Other Invasive Cancers

Reporting feedback - Level 2.1

- a) Number of tumours diagnosed in the calendar month.
- For all diagnoses in the month, the number and percentage of cases supplied....
 - b) with a treatment record submitted
 - c) with a first treatment of surgery (*to inform responsibility for integrated staging – see 2.3c*)
 - d) with a basis of diagnosis (*Not including “not known”*)
 - e) with a histological basis of diagnosis
 - f) with a Clinical Nurse Specialist indication code (*Not including “not known”*)
 - g) who had contact with a Clinical Nurse Specialist
 - h) for patients aged under 25
 - i) discussed at a Multi-Disciplinary Team (MDT) Meeting



Level 2 Report Descriptions

Click headings to show descriptions...

> Level 2.1

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> Level 2.2

> Level 2.3

Strategic Clinical Network **Cheshire And Mersey, East Midl**

Region **3 Counties, Anglia, Arden, Avon**

Trust **Aintree University Hospitals NHS**

Year **2013**

Level **L2.2b - Number of Cases with a Full Stage**

Tumour Group **All Sites**

1 of 1 100% Find | Next Select a format Export

COSD Conformance Summary Level 2

L2.2b - Number of Cases with a Full Stage for All Sites

Click Trust name for full MDT data quality and completeness report

	2013																			
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct										
TOTAL	6926	6627	6940	7227	7740	6837	7444	6537	5685	338										
Cheshire And Mersey	710	732	732	663	729	689	729	612	555	30										
Merseyside & Cheshire	710	63%	732	66%	732	65%	663	60%	729	63%	689	61%	729	61%	612	62%	555	58%	30	48%
Aintree University Hospitals NHS Foundation Trust	129	54%	120	59%	128	58%	117	52%	115	51%	107	50%	120	52%	114	49%	122	53%	5	38%
Alder Hey Children's NHS Foundation Trust	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%	1	14%	3	33%	1	14%	0	0%
Countess Of Chester Hospital NHS Foundation Trust	52	50%	45	42%	62	61%	41	55%	53	50%	61	51%	45	45%	40	47%	40	38%	4	67%
Liverpool Heart and Chest NHS Foundation Trust	52	88%	49	70%	29	83%	42	81%	52	81%	39	89%	32	84%	29	81%	25	68%	0	0%
Liverpool Women's NHS Foundation Trust	37	69%	32	62%	41	84%	29	66%	30	68%	32	78%	27	71%	19	59%	13	50%	7	54%
Royal Liverpool and Broadgreen University Hospitals NHS Trust	14	31%	19	48%	41	48%	42	46%	58	46%	63	45%	49	36%	7	37%	0	0%	0	0%
Southport and Ormskirk Hospital NHS Trust	75	63%	67	59%	75	65%	45	52%	62	73%	51	62%	60	62%	50	56%	44	52%	3	75%
St Helens and Knowsley Hospitals NHS Trust	187	84%	225	92%	194	82%	188	83%	189	86%	199	80%	227	84%	199	86%	187	84%	5	71%
The Walton Centre NHS Foundation Trust	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Warrington and Halton Hospitals NHS Foundation Trust	19	37%	18	37%	17	38%	14	27%	14	52%	2	67%	2	12%	1	33%	6	23%	0	0%
Wirral University Teaching Hospital NHS Foundation Trust	145	79%	156	83%	145	73%	145	75%	156	69%	135	69%	166	74%	150	69%	117	62%	6	67%
East Midlands	157	148	113	91	220	149	218	149	156	3										
East Midlands	157	38%	148	39%	113	42%	91	33%	220	34%	149	29%	218	32%	149	28%	156	30%	3	11%
Burton Hospitals NHS Foundation Trust	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	3	100%	1	100%	6	43%	0	0%
Derby Hospitals NHS Foundation Trust	35	30%	22	30%	38	43%	33	27%	41	29%	41	33%	48	34%	32	28%	35	32%	0	0%
Kettering General Hospital NHS Foundation Trust	37	27%	31	22%	30	24%	0	0%	44	32%	0	0%	0	0%	0	0%	0	0%	0	0%
Nottingham General Hospital NHS Trust	85	53%	85	57%	45	75%	55	58%	110	58%	70	54%	110	58%	80	54%	85	48%	4	43%

Reporting feedback – L2.2 and L2.3

- L2.2 – For all cases discussed at an MDT Meeting, the number and percentage supplied....
 - a) with Performance Status *(not applicable for patients aged under 16)*
 - b) with a full stage value
 - c) with performance status **and** a full stage value
-
- L2.3 – For all cases discussed at an MDT meeting, the breakdown of Staging Completeness by cases having...
 - a) Any Stage
 - b) Pre-Treatment Stage
 - c) Integrated Stage *(for all cases with a first treatment of “Surgery” [2.1c])*
 - d) Site-Specific Stage
-

Reporting feedback – L2.4

- All cases receiving treatment in the calendar month broken down by
 - a) Surgery
 - b) Radiotherapy
 - c) Chemotherapy
 - d) Non-active Therapy

Level 3 – Reports on registered cases

- Due summer 2014
- Availability through reporting portal
- Based on same data as Level 2 reports
- Complied to cover whole pathway for shared patients
- Additional site specific feedback to support Level 4 analysis

Level 4 - Clinical reports

- NCIN leading
- Development during 2014
- Consultation with clinical teams
 - SSCRGs
 - Network site specific groups
 - NHS England - Sean Duffy (one year survival)
- Need to align with
 - Service profiles
 - Peer review clinical lines of enquiry
 - Commissioning and SCNs
 - National and professional body audits

Summary

- NCIN leading maintenance and ISB
- NCRS leading implementation
- Whole dataset should now be collected
- Reporting feedback under revision – due imminently!
- Summary reports mid year
- Analytical reports by end of year

Thank you

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Queries to: cosd@ncin.org.uk



Cancer Outcomes Conference
9 & 10 June 2014
Hilton Birmingham Metropole

www.ncin.org.uk/conference



ukiacr
United Kingdom and Ireland
Association of
Cancer Registries



NCIN
national cancer
intelligence network

Using information to improve quality & choice

The Cancer Outcomes Conference 2014 will explore the ‘power of information’ both locally and nationally.

It will examine how UK-wide cancer registration data and other health related datasets are being exploited to reduce cancer incidence, mortality and morbidity.

To find out more, visit www.ncin.org.uk/conference



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