

# Sarcoma Workshop

## SACT Update

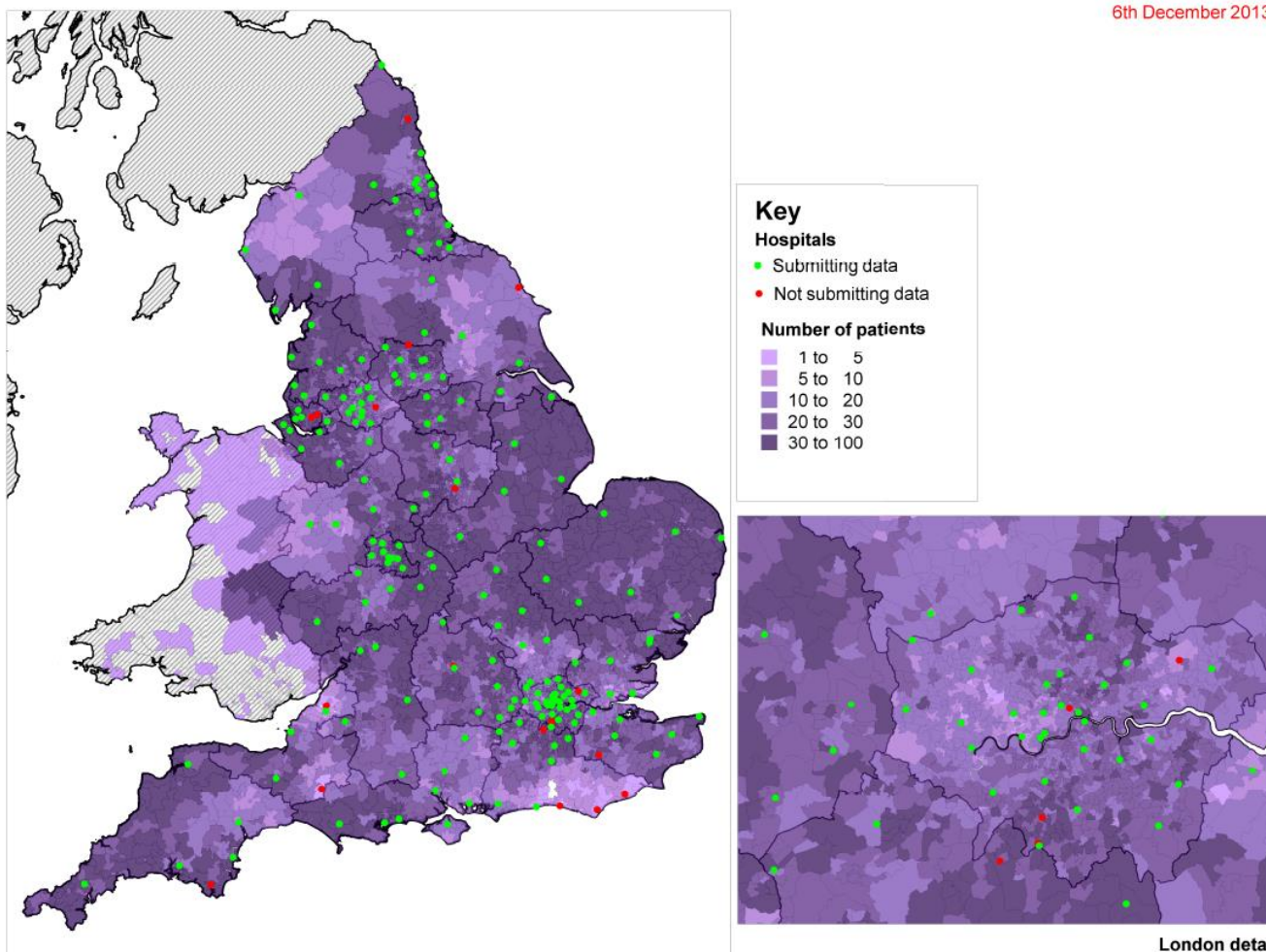
Activity Reporting Period  
01/12/2012 - 30/11/2013

# Background

- The national collection of **all** cancer chemotherapy information in the **NHS in England** commenced on **1st April 2012**. This is in line with the requirements of the Department of Health's policy document **Improving Outcomes: A Strategy for Cancer** January 2011.
- The **Systemic Anti-Cancer Therapy (SACT)** Information Standard:
  - applies to **all** organisations providing **cancer chemotherapy services in or funded by the NHS in England** relates to all cancer patients, both **adult AND paediatric**, in **acute inpatient, daycase outpatient settings** and **delivery in the community**;
  - Covers chemotherapy treatment for **all solid** and **haematological** malignancies, including those in clinical trials;

## Geographical Coverage (136/149)

6th December 2013



## Monthly snapshot - Cumulative figures

The figures listed below represent the number of patients reported to the CIU, for whom treatment activity has been submitted for the period covering December 2012 through November 2013 inclusive.

	Nov'12 to Oct'13	Dec'12 to Nov'13
Patients Receiving Drug Treatments	125,243	129,720
Regimens Commenced	204,157	214,183
Cycles Commenced	538,405	564,094

Source: SACT dataset; retrieved 14<sup>th</sup> January 2014

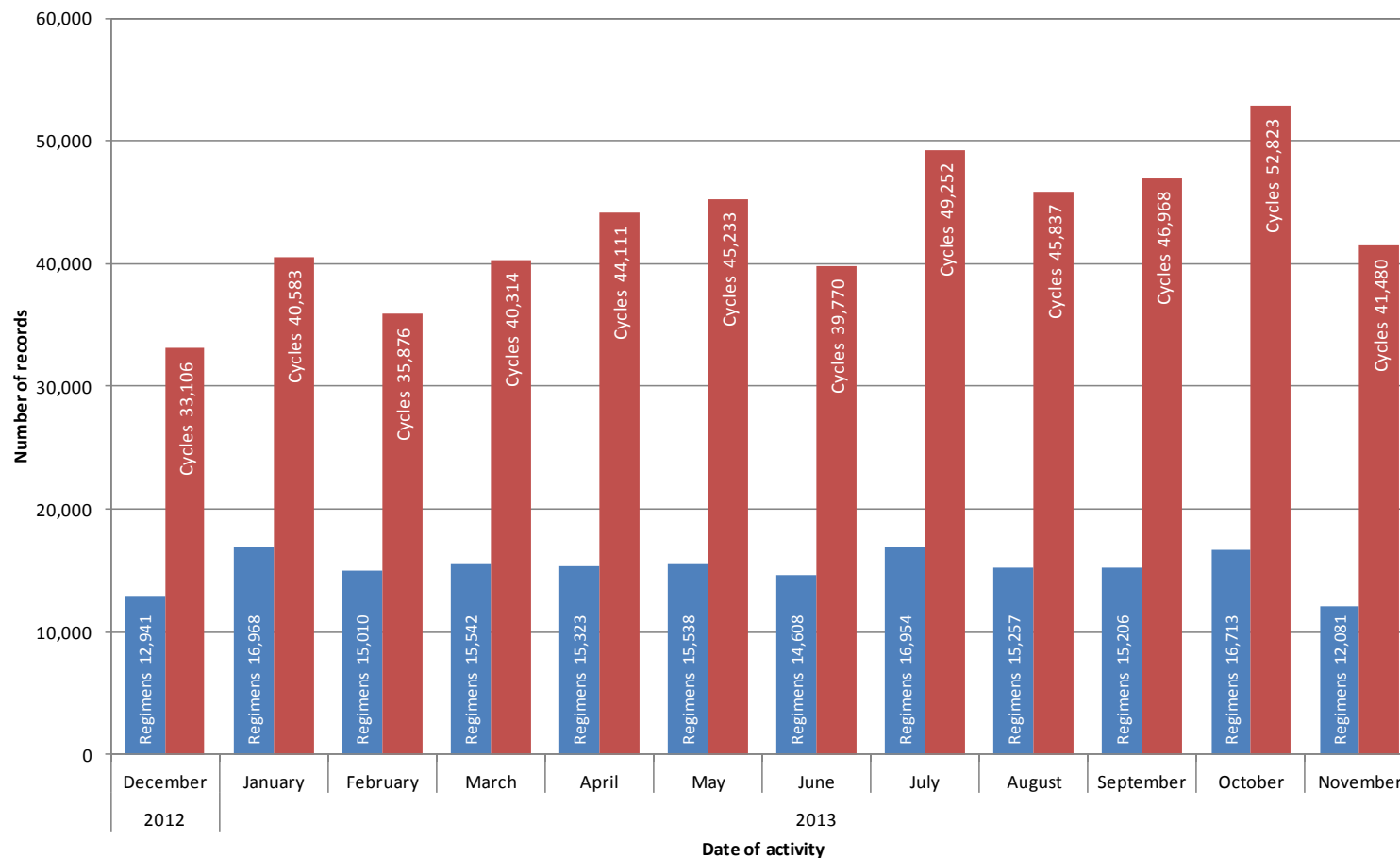
### SACT Data Completeness report (December 2012 to November 2013)

	England						
Number of patients	% NHS Number	% Date of Birth	% Current gender	% Ethnicity	% Patient postcode		
129,720	100%	100%	97%	93%	99%		
Number of tumour records	% GP Practice Code	% GMC Code	% Consultant Specialty	% Primary diagnosis	% Morphology	% Stage of disease at start of programme	
137,122	81%	87%	88%	99%	43%	22%	
Number of regimens	% Programme number	% Regimen number	% Treatment intent	% Regimen name	% Height at start of regimen	% Weight at start of regimen	% Performance Status at start of regimen
214,183	54%	55%	72%	99%	46%	49%	29%
	% Comorbidity adjustment	% Date of decision to treat	% Start date of regimen	% Clinical trial	% Chemo radiation	% Number of cycles planned	
	23%	81%	99%	64%	47%	47%	
Number of cycles	% Cycle number	% Start date of cycle	% Weight at start of cycle	% Performance Status at start of cycle	% OPCS procurement code	% of Cycles with Drug records	
564,094	99%	92%	43%	27%	47%	47%	
Number of drug records	% Drug name	% Actual dose per administration	% Administration route	% Administration date	% OPCS Delivery code	% Organisation code of drug provider	
1,368,446	99%	92%	87%	99%	54%	94%	
Number of outcome records	% Date of Final Treatment	% Regimen modification (dose reduction)	% Regimen modification (time delay)	% Regimen modification (stopped early)	% Regimen outcome summary	% Date of death	
114,786	27%	35%	12%	24%	5%	4%	

54% of regimens

Source: SACT dataset; retrieved 14<sup>th</sup> January 2014

**Total number of regimens and cycles starting by month of activity**



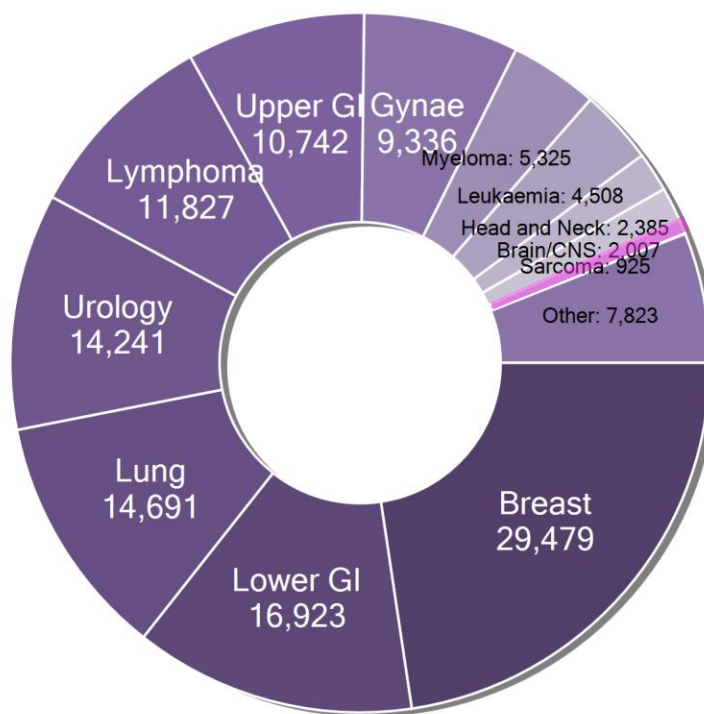
Source: SACT dataset; retrieved 14<sup>th</sup> January 2014

# Number of Patients by Diagnostic Group

All submitting trusts aggregated

Data received for December 2012 - November 2013. Patients aged 16 and over

Breast: 29,479 (23%)	Lymphoma: 11,827 (9%)	Leukaemia: 4,508 (3%)	Sarcoma: 925 (1%)
Lower GI: 16,923 (13%)	Upper GI: 10,742 (8%)	Head and Neck: 2,385 (2%)	Other: 7,823 (6%)
Lung: 14,691 (11%)	Gynae: 9,336 (7%)	Brain/CNS: 2,007 (2%)	
Urology: 14,241 (11%)	Myeloma: 5,325 (4%)		



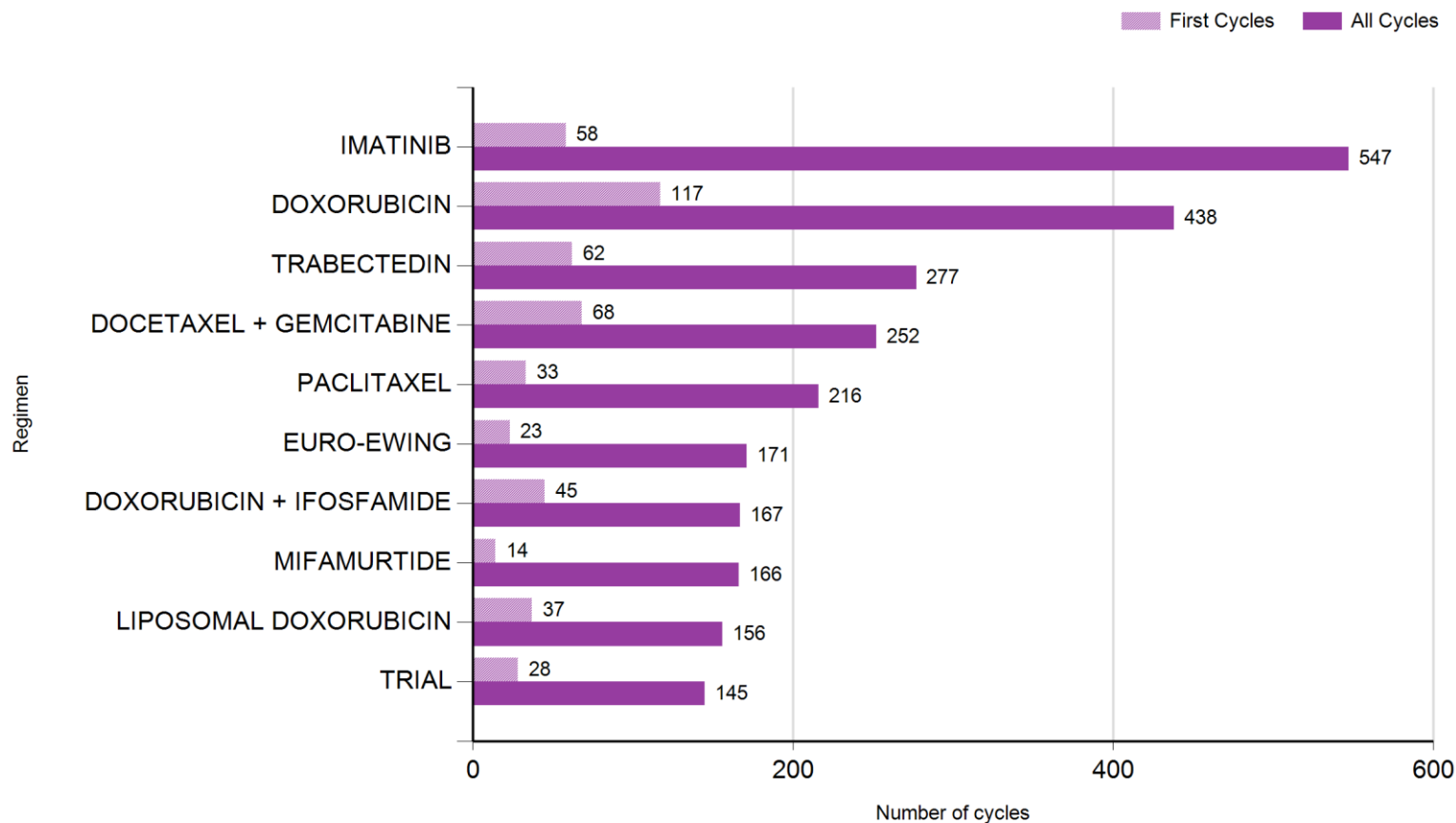
# Top Regimens by Diagnostic Group

## Sarcoma

ICD10: C40-C41, C46, C49

All submitting trusts aggregated

Data received for December 2012 - November 2013. Patients aged 16 and over



NHS England Area Team > Trust	Total patients: Sarcoma
Birmingham and the Black Country	157
University Hospitals Birmingham NHS Foundation Trust	119
Birmingham Children's Hospital NHS Foundation Trust	30
The Royal Wolverhampton NHS Trust	3
University Hospitals Coventry and Warwickshire NHS Trust	3
Shrewsbury and Telford Hospital NHS Trust	2
Heart of England NHS Foundation Trust	1

Bristol, North Somerset, Somerset and South Gloucestershire	45
Gloucestershire Hospitals NHS Foundation Trust	23
Plymouth Hospitals NHS Trust	10
Royal Cornwall Hospitals NHS Trust	7
Royal Devon and Exeter NHS Foundation Trust	3
Salisbury NHS Foundation Trust	1
Taunton and Somerset NHS Foundation Trust	1

NHS England Area Team > Trust	Total patients: Sarcoma
Cheshire, Warrington and Wirral	112
The Clatterbridge Cancer Centre NHS Foundation Trust	58
The Christie NHS Foundation Trust	38
Lancashire Teaching Hospitals NHS Foundation Trust	5
Alder Hey Children's NHS Foundation Trust	4
Central Manchester University Hospitals NHS Foundation Trust	3
Royal Liverpool and Broadgreen University Hospitals NHS Trust	2
Pennine Acute Hospitals NHS Trust	1
University Hospitals of Morecambe Bay NHS Foundation Trust	1

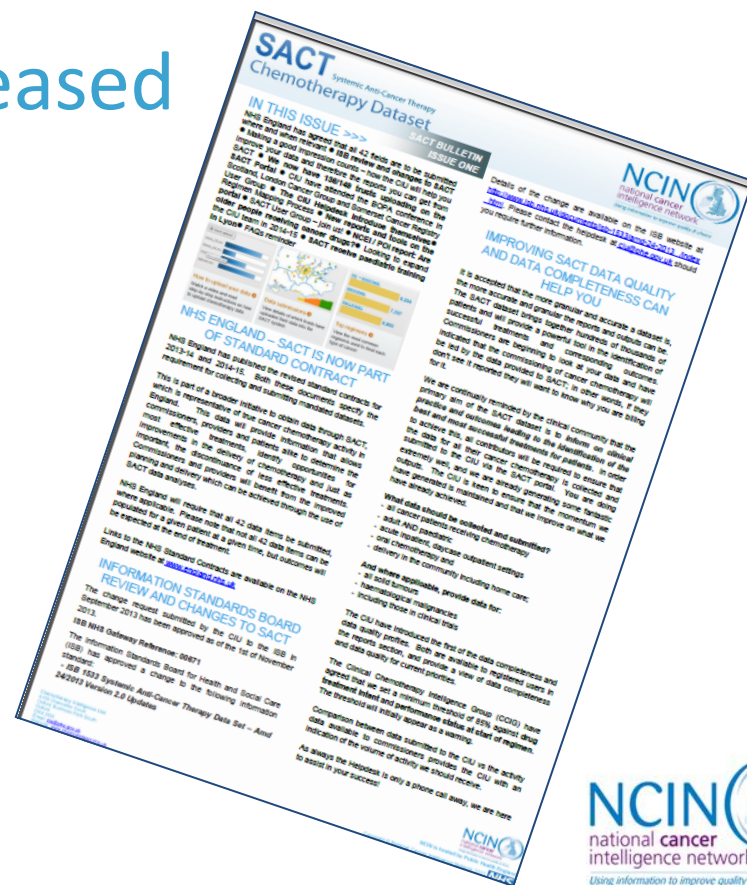
Cumbria, Northumberland, Tyne and Wear	39
The Newcastle Upon Tyne Hospitals NHS Foundation Trust	31
South Tees Hospitals NHS Foundation Trust	7
County Durham and Darlington NHS Foundation Trust	1

East Anglia	69
Cambridge University Hospitals NHS Foundation Trust	36
Norfolk and Norwich University Hospitals NHS Foundation Trust	23
Ipswich Hospital NHS Trust	5
Colchester Hospital University NHS Foundation Trust	3
James Paget University Hospitals NHS Foundation Trust	1
The Princess Alexandra Hospital NHS Trust	1

NHS England Area Team > Trust	Total patients: Sarcoma
Leicestershire and Lincolnshire	98
University Hospitals of Leicester NHS Trust	37
Nottingham University Hospitals NHS Trust	28
Derby Hospitals NHS Foundation Trust	20
Northampton General Hospital NHS Trust	9
United Lincolnshire Hospitals NHS Trust	4

London Commissioning Region	475
University College London Hospitals NHS Foundation Trust	260
The Royal Marsden NHS Foundation Trust	138
Chelsea and Westminster Hospital NHS Foundation Trust	35
Barts Health NHS Trust	17
Guy's and St Thomas' NHS Foundation Trust	14
St George's Healthcare NHS Trust	8
North Middlesex University Hospital NHS Trust	2
Royal Free London NHS Foundation Trust	2
Ealing Hospital NHS Trust	1

- \* Are Older People Receiving Cancer Drugs report published;
- \* Latest SACT newsletter released



## Project Team Resource

- Dr Ken Lloyd and Sue Forsey, Clinical Information Leads, left the SACT project and PHE at the end of December;
- Pharmacy support, currently provided by NHS England, is limited to 1 day per week and guaranteed only until 31<sup>st</sup> March 2014;
- No capacity within project team to take on additional work;

## Latest Analysis Released

- **October 2012 – September 2013**
  - All England Top Regimens by Diagnostic Group on [website](#);
  - Provider level Top Regimens by Diagnostic Group on secure upload portal;
  - Regimen benchmarking reports of activity by tumour group and regimen, reported by individual trust by Area Team on secure upload portal;
- **30 – 60 Day Chemotherapy Mortality**
  - CIU is working with 3 hospitals across England to pilot initial 30-60 day mortality analysis;

# Regimen Mapping & Data Linkage

- Work continues with all trusts to map local regimens submitted to the DH Chemotherapy Regimen list.
- The CIU team to begin testing a SACT data extract with the new English Cancer Registration System (Encore);

**SACT Data Quality Profile**

Represents active tumor sites between 01/01/2013 and 30/09/2013

### 1. Monotherapy completion for critical diagnostic groups

Proportion of patients in each diagnostic group with monotherapy recorded

Cytosine (Ovarian)	Lung	Urology (Testis)
98% 63 out of 64 patients	89% 38 out of 43 patients	80% 4 out of 5 patients

### 2. Intent of Treatment by diagnostic group

Total number of patients treated intensively 01/01/2013 and 30/09/2013 with treatment intent recorded  
Percentages are aggregated by diagnostic group

Diagnostic Group	Curative	Disease Modulation	No apparent	Palliative	Not recorded
Breast	0 (0%)	0 (0%)	0 (0%)	14 (37%)	0 (0%)
Ovary	0 (0%)	0 (0%)	0 (0%)	19 (11%)	0 (0%)
Head and Neck	7 (2%)	0 (0%)	0 (0%)	39 (23%)	0 (0%)
Leukemia	0 (0%)	0 (0%)	0 (0%)	48 (20%)	0 (0%)
Liver GI	0 (0%)	0 (0%)	0 (0%)	2 (22%)	0 (0%)
Lymphoma	13 (26%)	0 (0%)	0 (0%)	34 (52%)	0 (0%)
Melanoma	6 (27%)	0 (0%)	0 (0%)	36 (62%)	0 (0%)
Mesothelioma	0 (0%)	0 (0%)	0 (0%)	29 (48%)	0 (0%)
Neuroendocrine	4 (9%)	0 (0%)	0 (0%)	36 (62%)	0 (0%)
Pancreas	0 (0%)	0 (0%)	0 (0%)	42 (91%)	0 (0%)
Stomach	0 (0%)	0 (0%)	0 (0%)	32 (78%)	0 (0%)
Thyroid	0 (0%)	0 (0%)	0 (0%)	43 (84%)	0 (0%)
Upper GI	0 (0%)	0 (0%)	0 (0%)	43 (84%)	0 (0%)
Uterus	0 (0%)	0 (0%)	0 (0%)	43 (84%)	0 (0%)

### 3. Number of cycles reported

Number of cycles reported by cycle start date and corresponding regimen start category (in month or 28day)  
Percentages are aggregated by month of cycle start

Month of cycle start	In month	Regimen Start Date	Prior
April 2013	153 (60%)	16 (1%)	236 (94%)
May 2013	214 (60%)	25 (2%)	679 (74%)
June 2013	208 (64%)	17 (2%)	609 (74%)
July 2013	208 (64%)	15 (2%)	758 (76%)
August 2013	213 (63%)	10 (1%)	714 (76%)
September 2013	195 (62%)	10 (1%)	690 (77%)

Source: SACT dataset, accessed 02/12/2013

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## Improving Stakeholder Communication

- CIU team in Oxford are meeting with all software suppliers in December/January to discuss proposed changes to SACT dataset, along with the lessons that have been learned from implementing the current SACT standard;
- SACT User Group meeting is taking place on 15th January 2014;