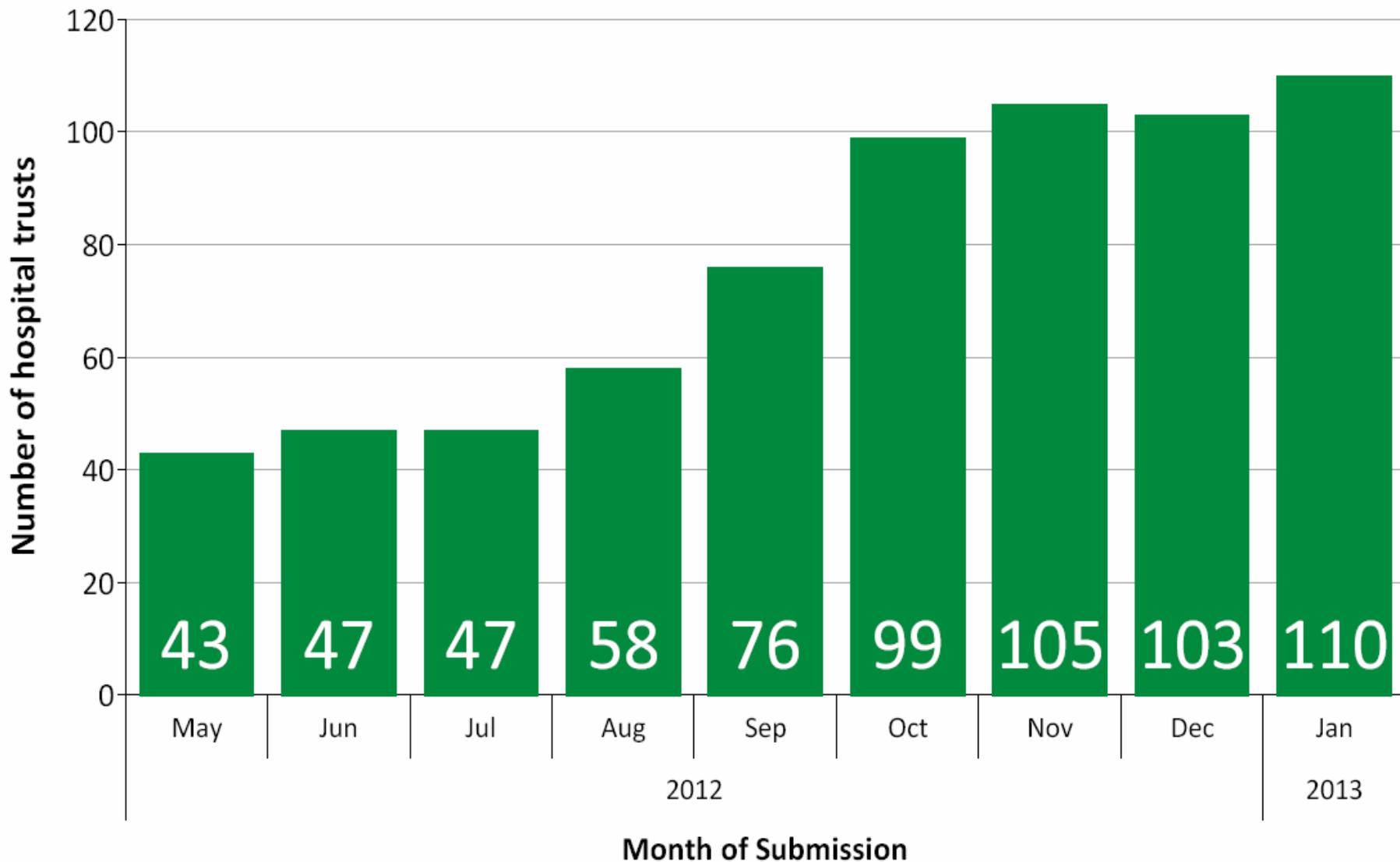


Breast SSCRG Workshop

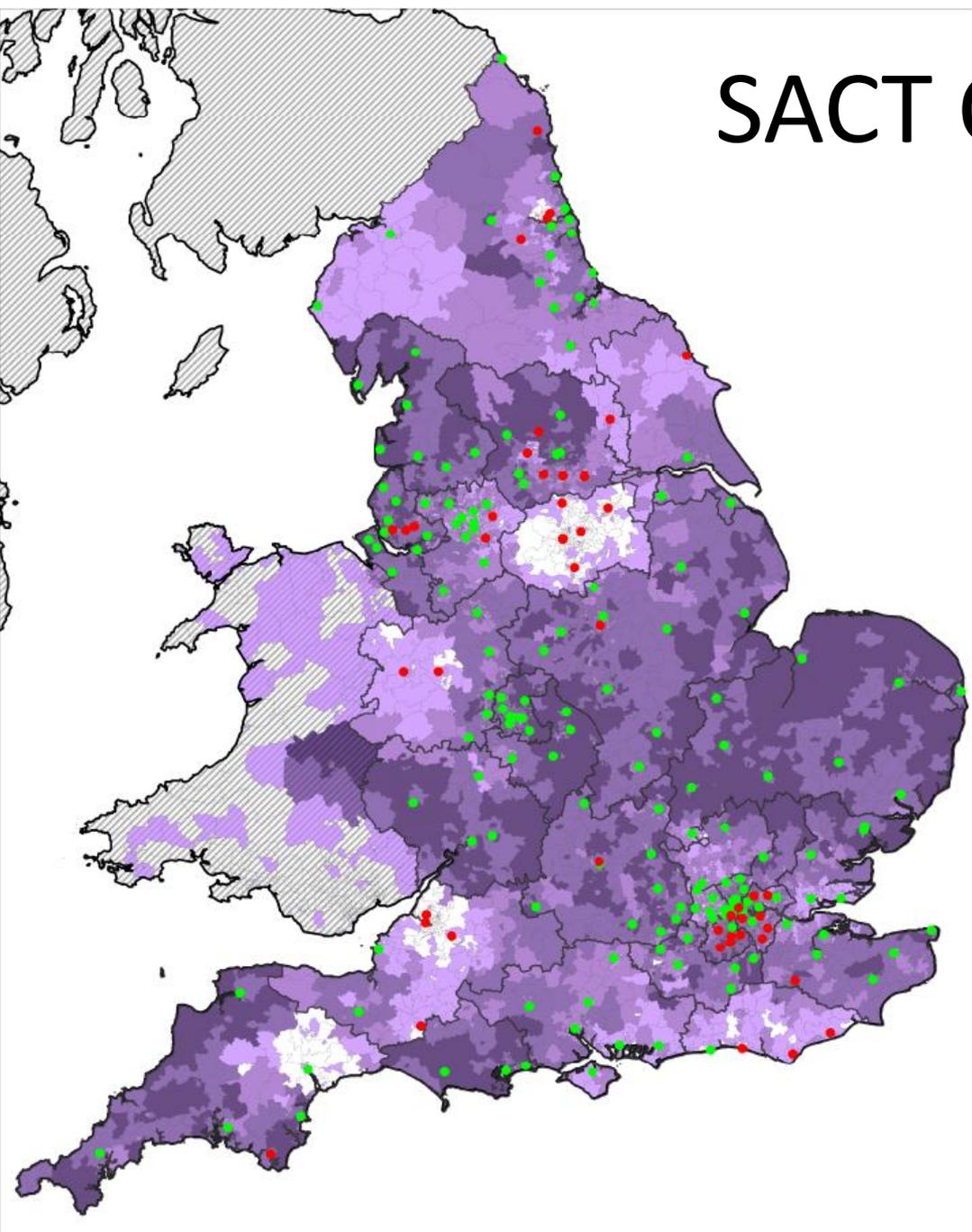
12th March 2013

Dr Ken Lloyd and Sue Forsey

Number of hospital trusts submitting chemotherapy data, by month of submission



SACT Coverage



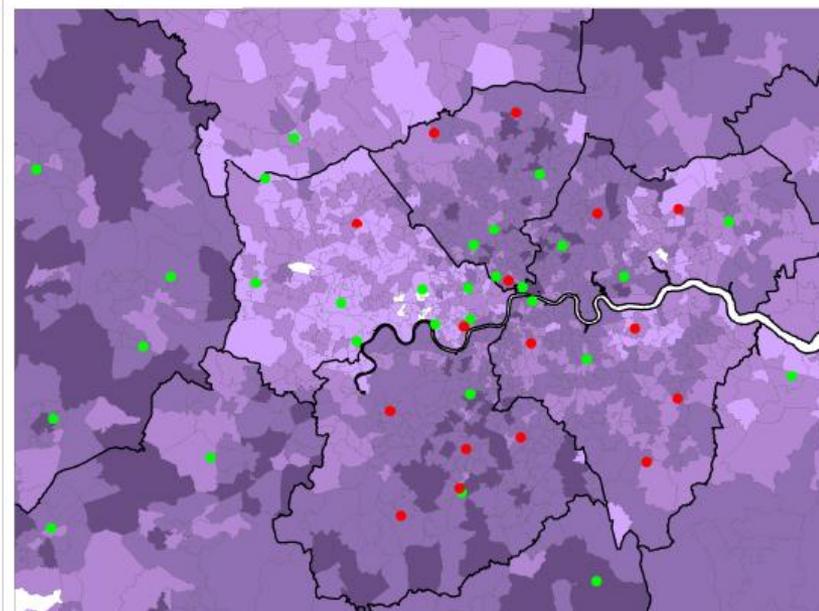
Key

Hospitals

- Submitting data
- Not submitting data

Number of patients

- 1 to 5
- 5 to 10
- 10 to 20
- 20 to 50

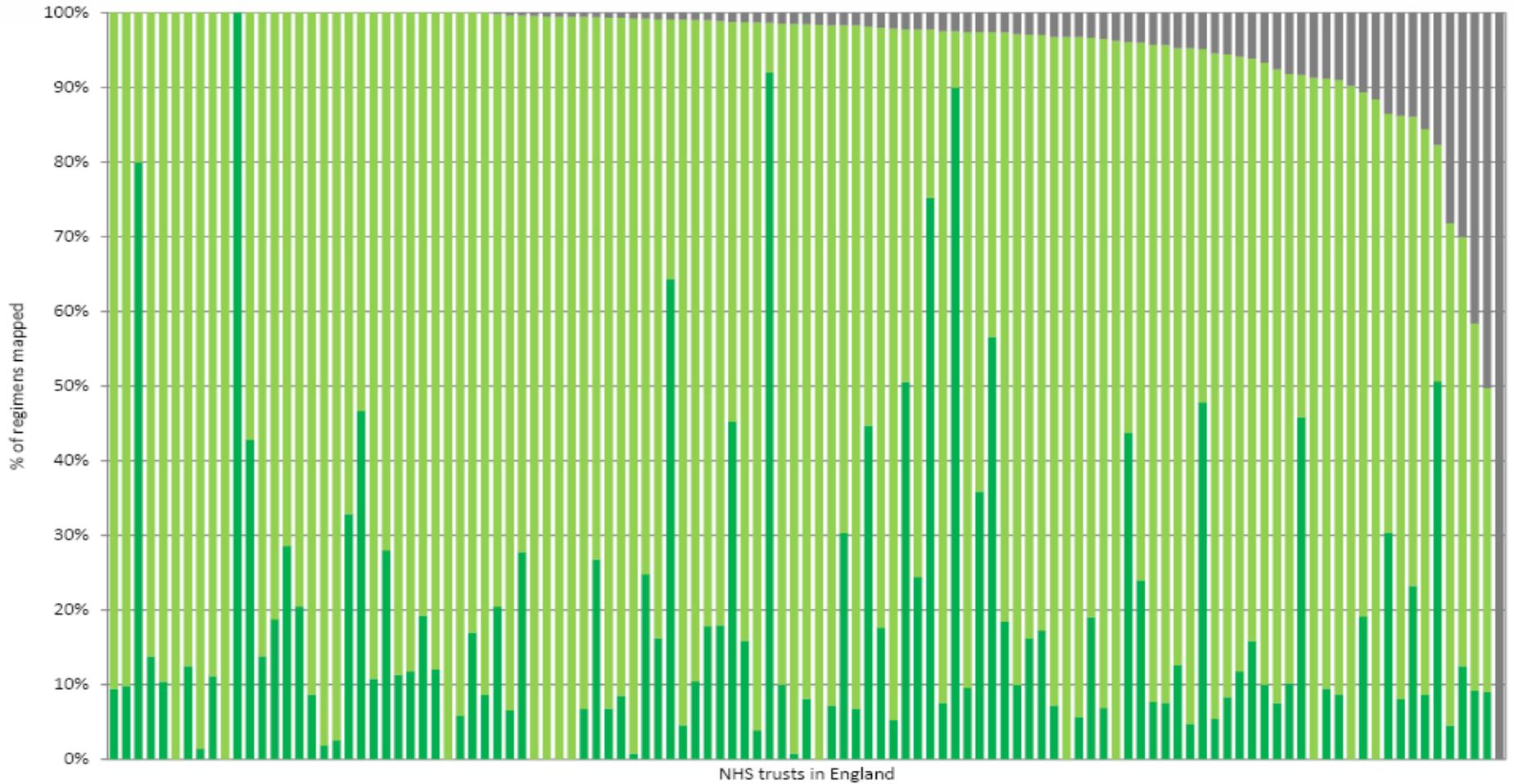


SACT Data Completeness report (April to January 2013)

England							
Number of patients	% NHS Number	% Date of Birth	% Current gender	% Ethnicity	% Patient postcode		
80,997	100%	100%	97%	98%	100%		
Number of tumour records	% GP Practice Code	% GMC Code	% Consultant Specialty	% Primary diagnosis	% Morphology	% Stage of disease at start of programme	
87,455	78%	80%	80%	100%	35%	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
139,142	40%	54%	55%	100%	47%	49%	27%
	% Comorbidity adjustment	% Date of decision to treat	% Start date of regimen	% Clinical trial	% Chemo radiation	% Number of cycles planned	
	11%	71%	100%	65%	45%	49%	
Number of cycles	% Cycle number	% Start date of cycle	% Weight at start of cycle	% Performance Status at start of cycle	% OPCS procurement code		
333,195	100%	83%	42%	20%	39%		
Number of drug records	% Drug name	% Actual dose per administration	% Administration route	% Administration date	% OPCS Delivery code	% Organisation code of drug provider	
872,952	100%	93%	77%	100%	37%	99%	

Results of Regimen Mapping Process

■ Matched OPCS 4.6 regimens ■ Regimens mapped by CIU ■ Not Mapped



Source: SACT dataset; retrieved 6th February 2013

SACT

- **S**ystemic **A**nti-**C**ancer **T**herapy Information Standard
- NHS Information Standard Board approval
- Implementation from April 2012- April 2014
- Covers all drug treatment for cancer in all settings

SACT field structure

- Demographics and provider
- Clinical status
- Programme and regimen
- Cycle
- Drug details
- Outcome

[Date of death added from ONS]

SACT mandatory fields

- NHS number
- Date of birth
- Patient postcode
- Organisation code of provider
- Primary diagnosis and/or Morphology
- Regimen
- Start date of regimen
- Cycle number

Data collection and analysis

- The Chemotherapy Intelligence Unit (CIU), is based at Oxford within the Cancer Registry
- Data are sent from trusts on a monthly basis and series of validation processes are applied
- A suite of routine analyses and reporting has been developed and the first 9-month report issued

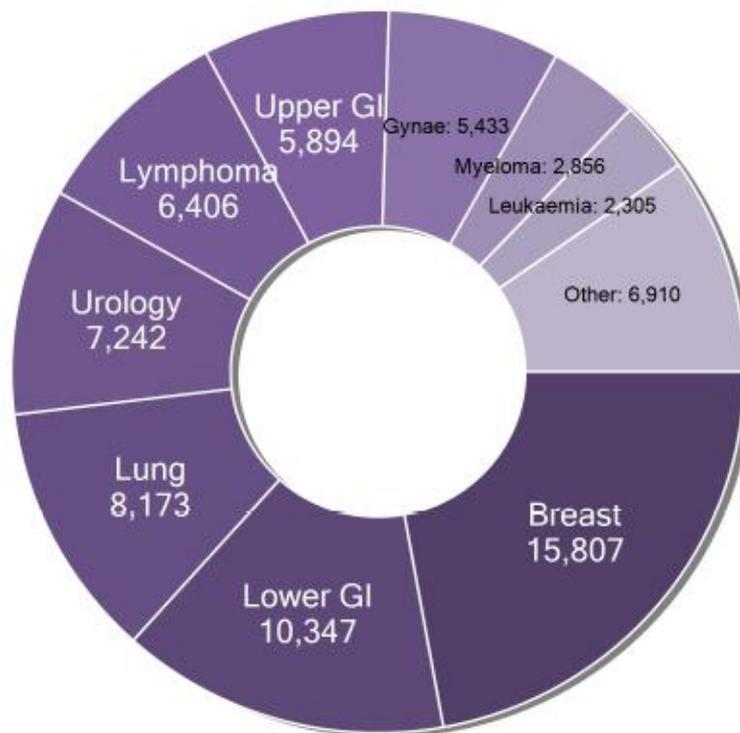
Analysis

Number of Patients by Diagnostic Group

All submitting trusts aggregated

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

Breast: 15,807 (22%)	Urology: 7,242 (10%)	Gynae: 5,433 (8%)	Leukaemia: 2,305 (3%)
Lower GI: 10,347 (14%)	Lymphoma: 6,406 (9%)	Myeloma: 2,856 (4%)	Other: 6,910 (10%)
Lung: 8,173 (11%)	Upper GI: 5,894 (8%)		

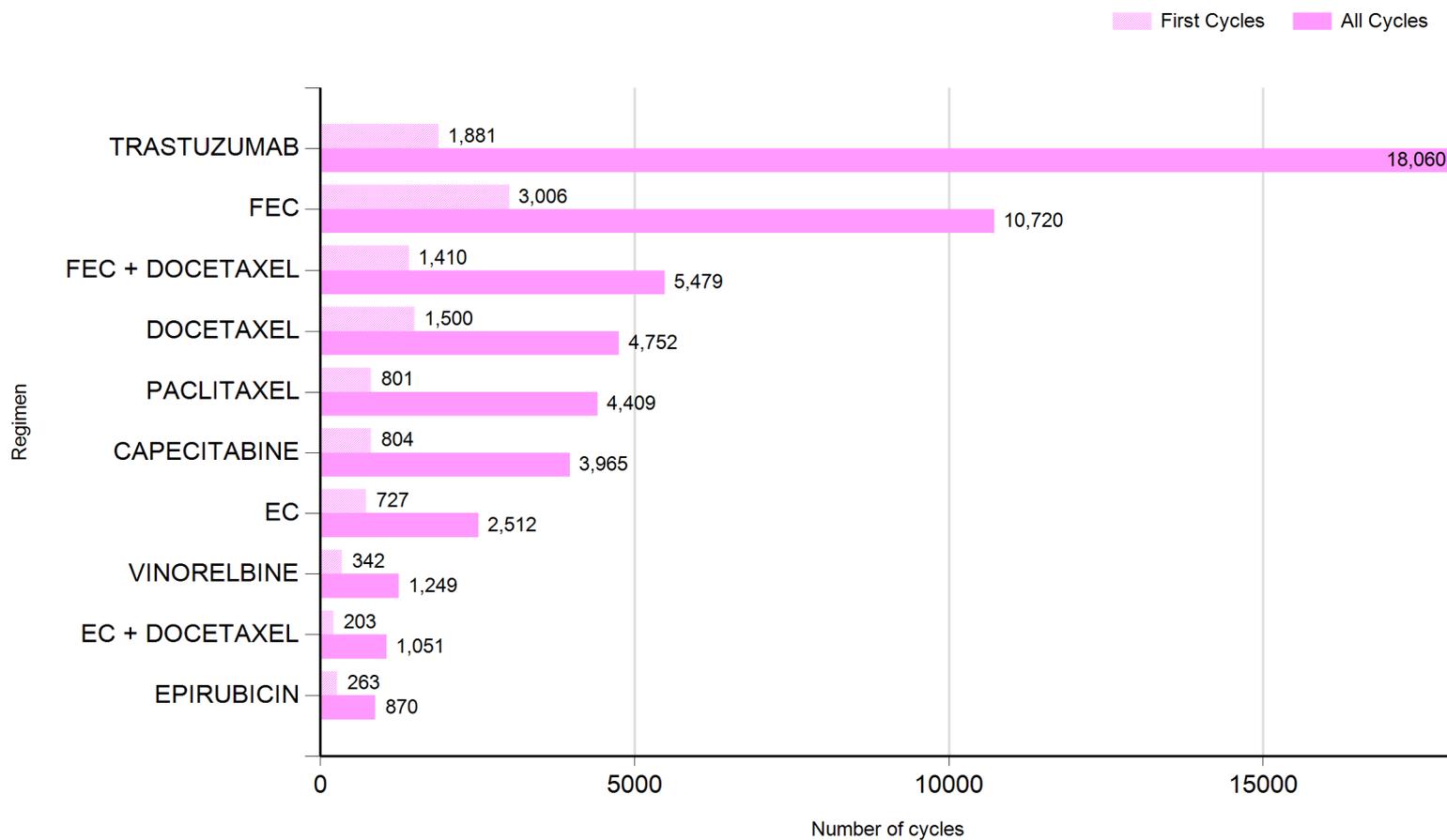


Top Regimens by Diagnostic Group

Breast †

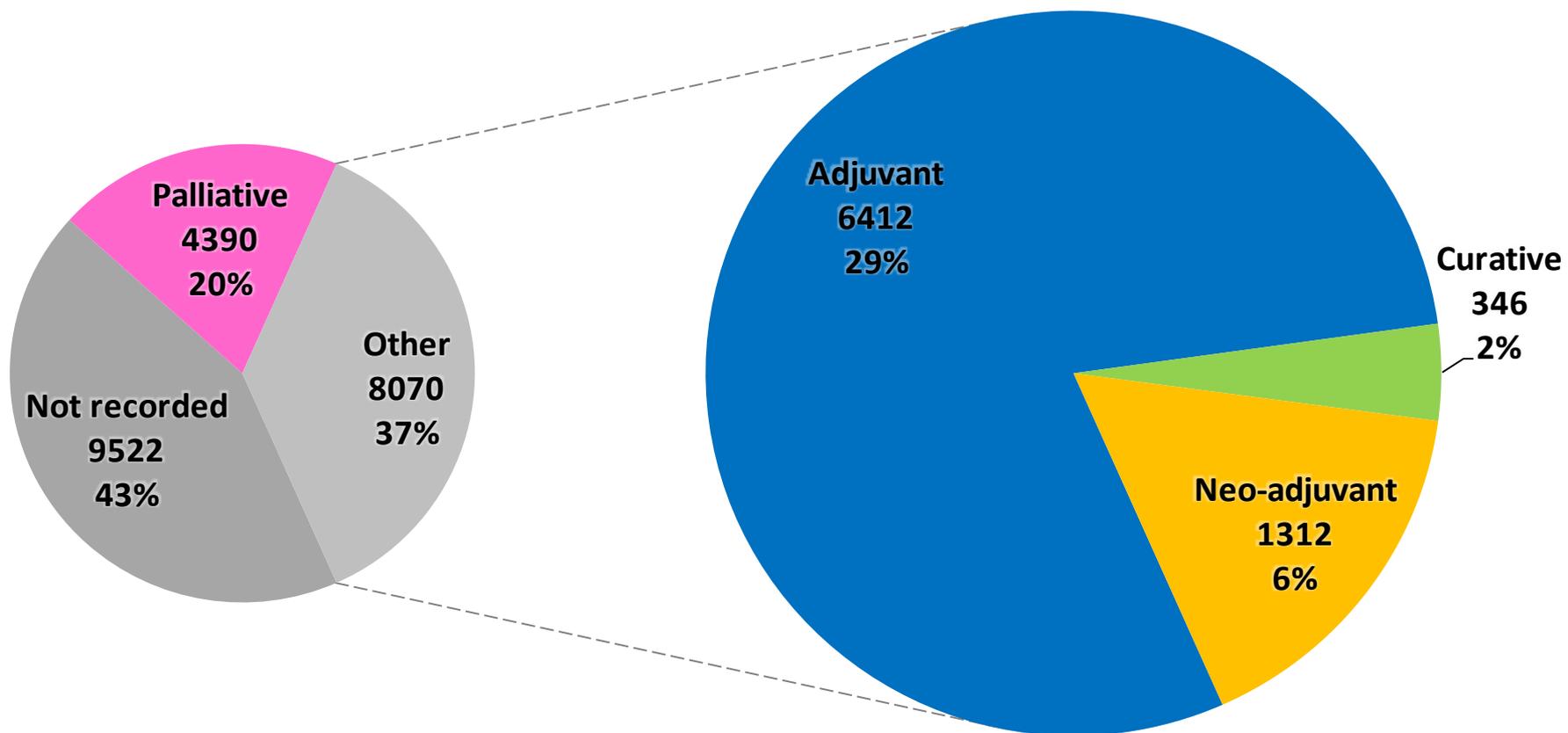
All submitting trusts aggregated

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



Treatment Intent of Patients receiving Chemotherapy Breast

■ Not recorded ■ Palliative ■ Adjuvant ■ Curative ■ Neo-adjuvant



Next steps

- Agree resolution to sequential/concurrent regimen interpretation
- Priorities for further analyses
- Early deaths and admissions related to adjuvant treatment
- Completing regimens?
- Linking to RTDS and HES for surgery

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