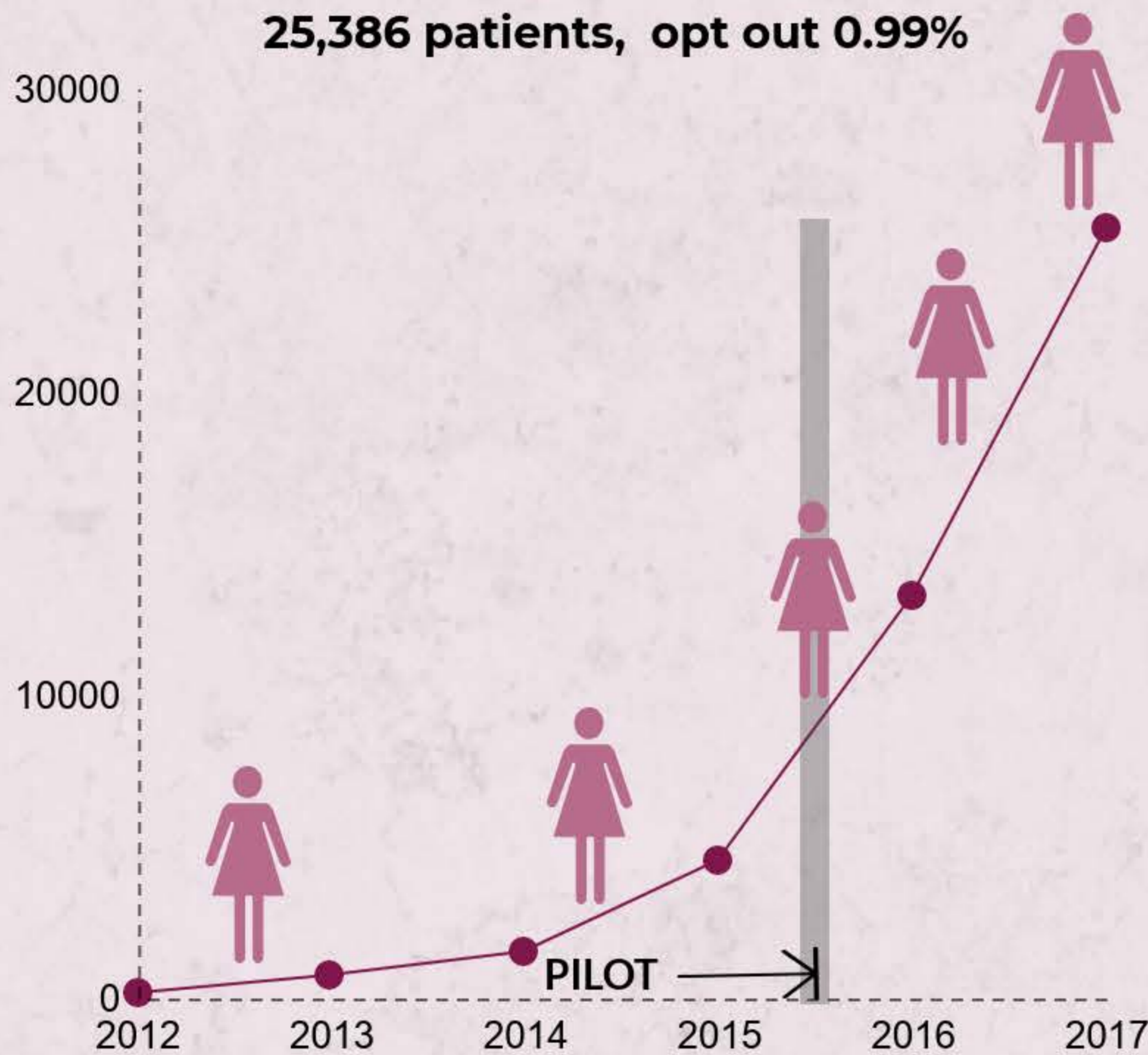


The Australian Breast Device Registry (ABDR) is a clinical quality registry for breast devices - implants, tissue expanders and acellular dermal matrices (ADM)/mesh. The ABDR aims to identify and report possible trends and complications associated with breast device surgery; track the long-term safety and performance of breast devices; identify best surgical practice; and optimal patient health outcomes. This report does not represent national coverage.

Recruitment 2012 - 2017

Patient registration growth
25,386 patients, opt out 0.99%



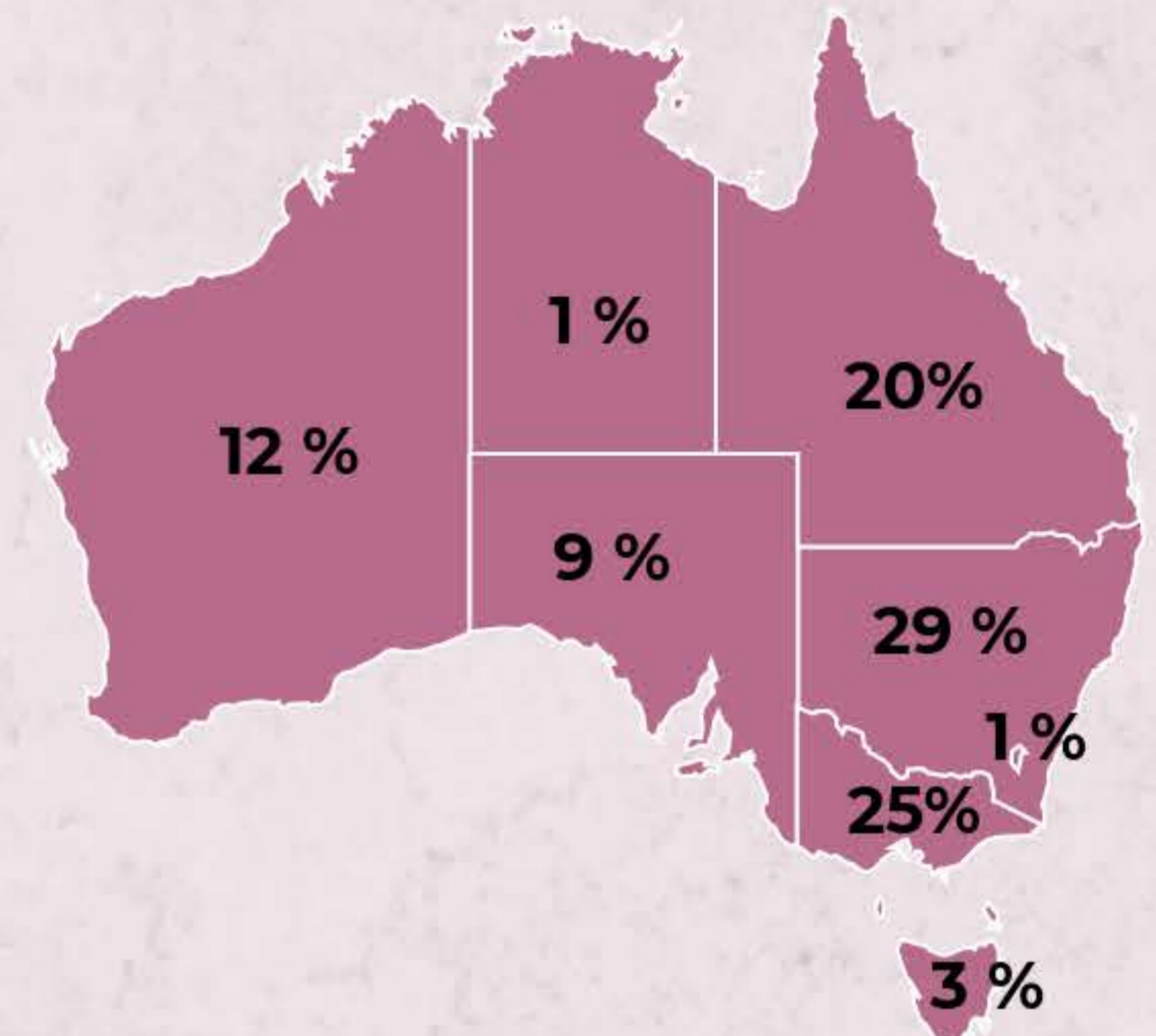
430 surgeons



242 sites

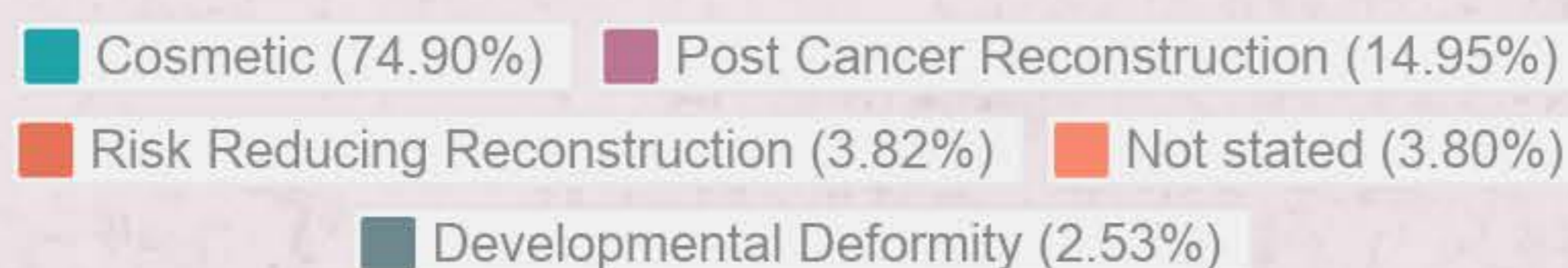
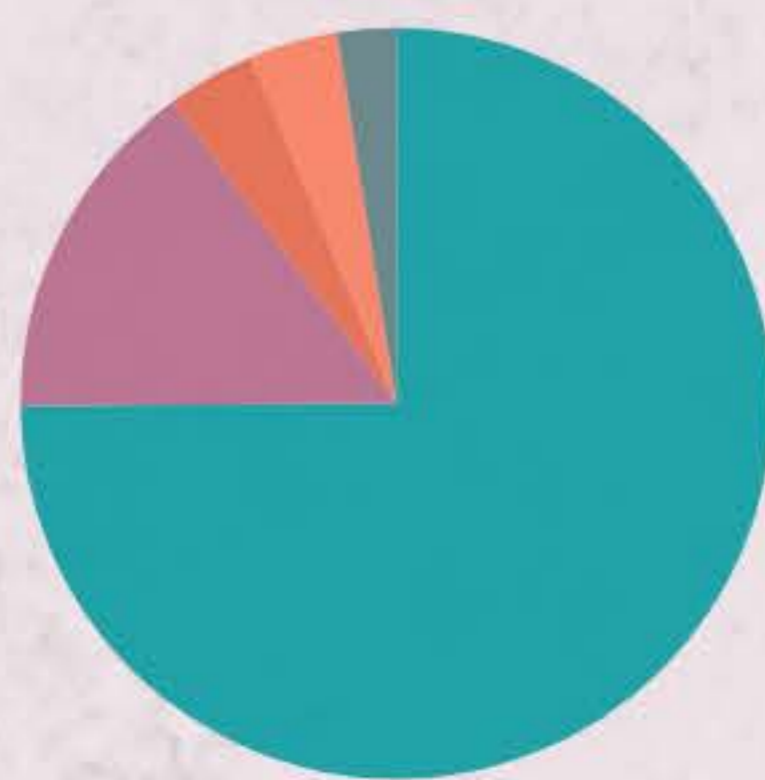


Location of participating surgeons

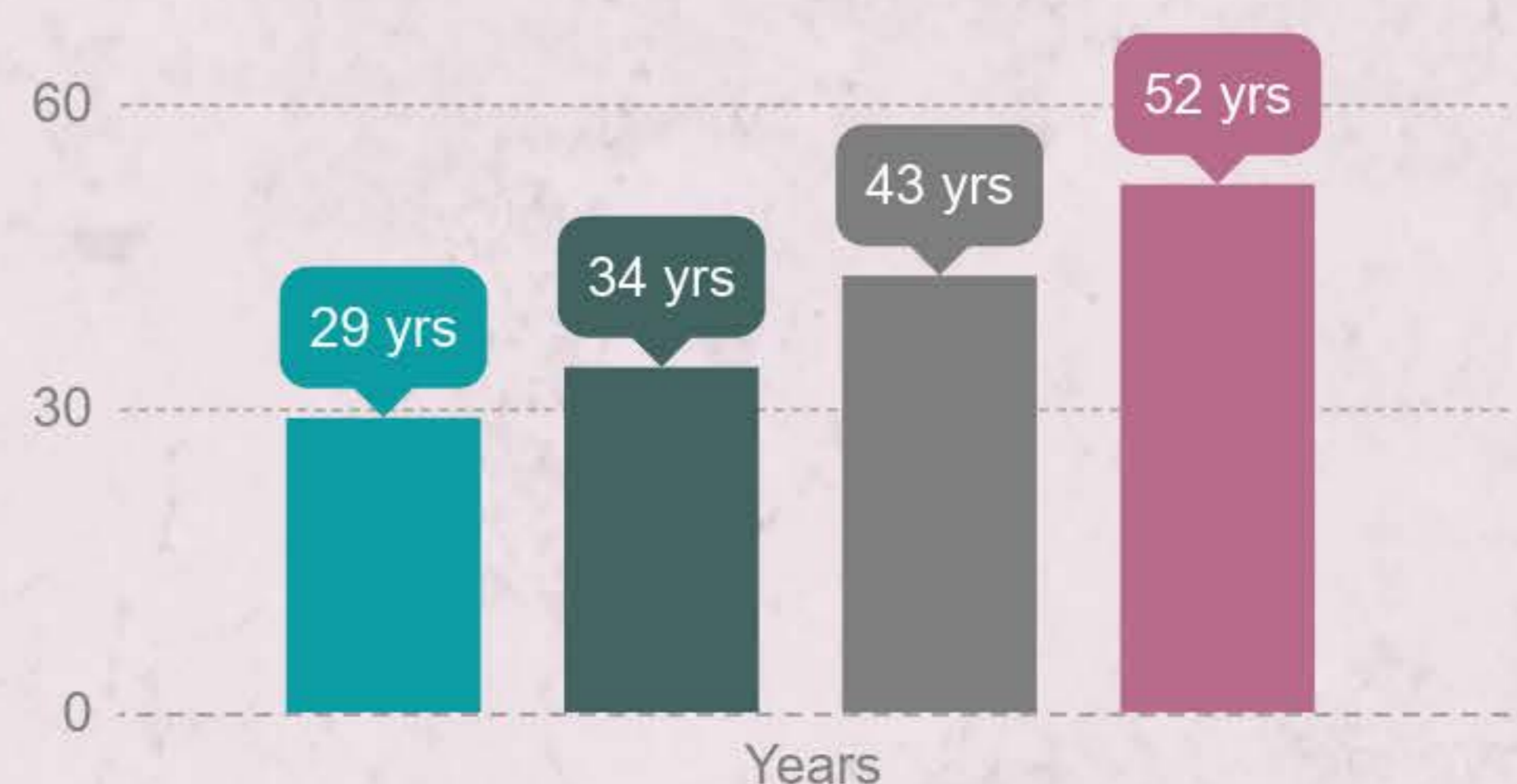


Patient cohort 2012-2017

Patient procedure first recorded in ABDR
(n=25,386)

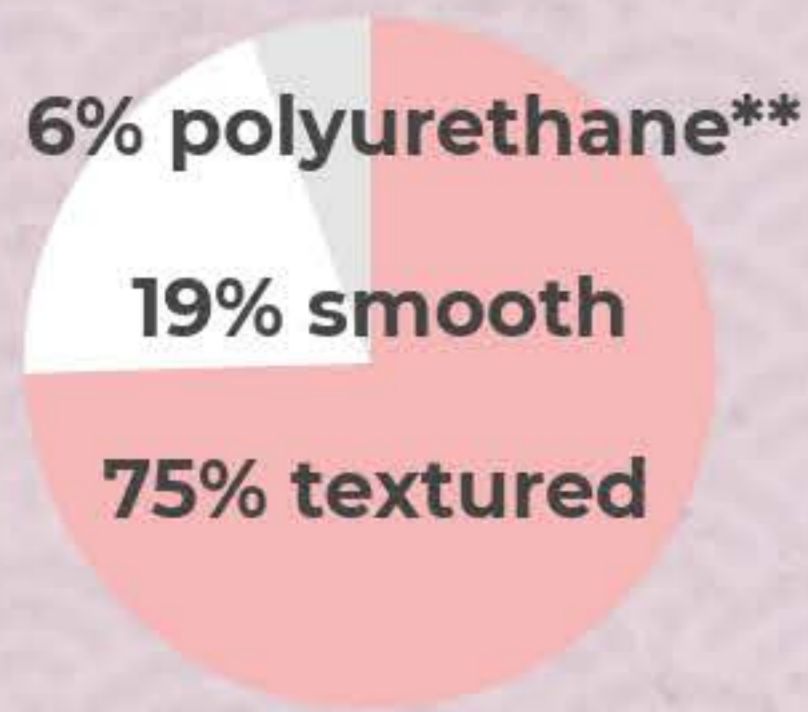


Mean age* at first procedure captured in ABDR

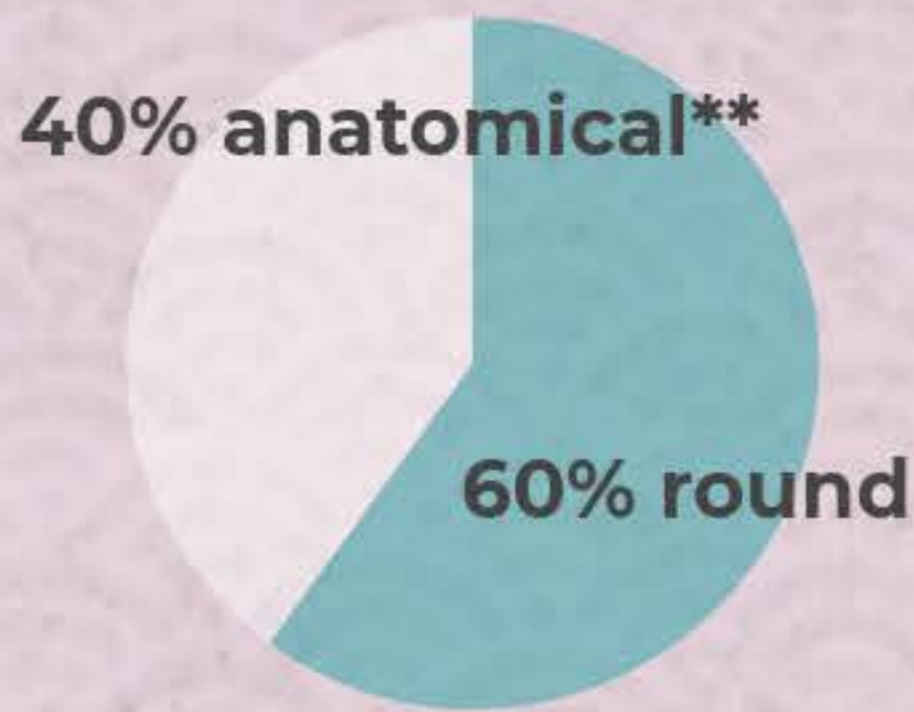


Characteristics of all breast implants

Implant shell
(n=47,850)

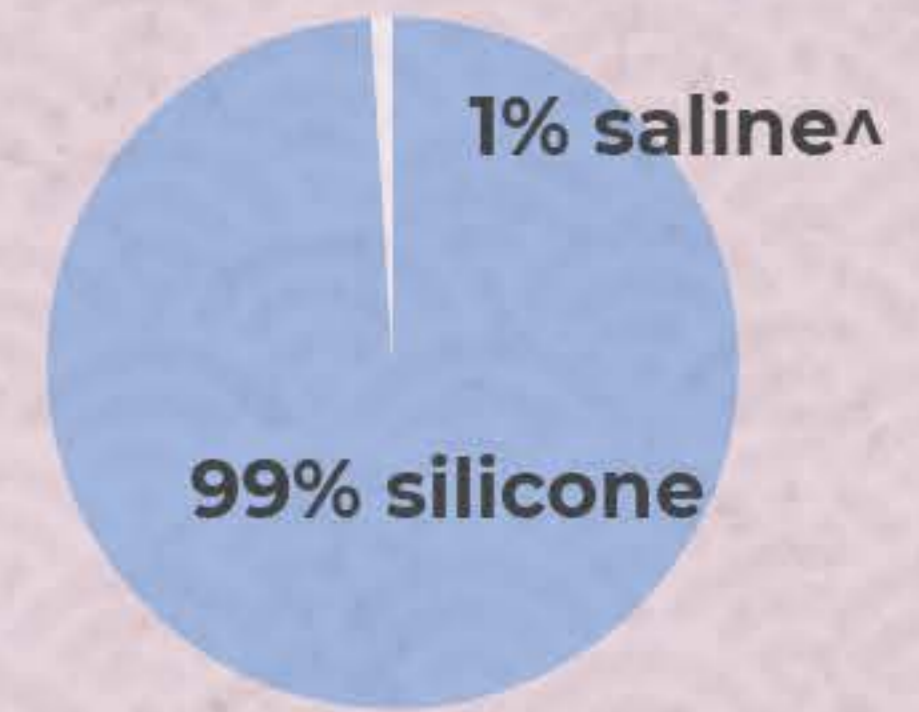


Implant shape
(n=47,850)



**includes 26 not stated

Implant fill
(n=47,850)

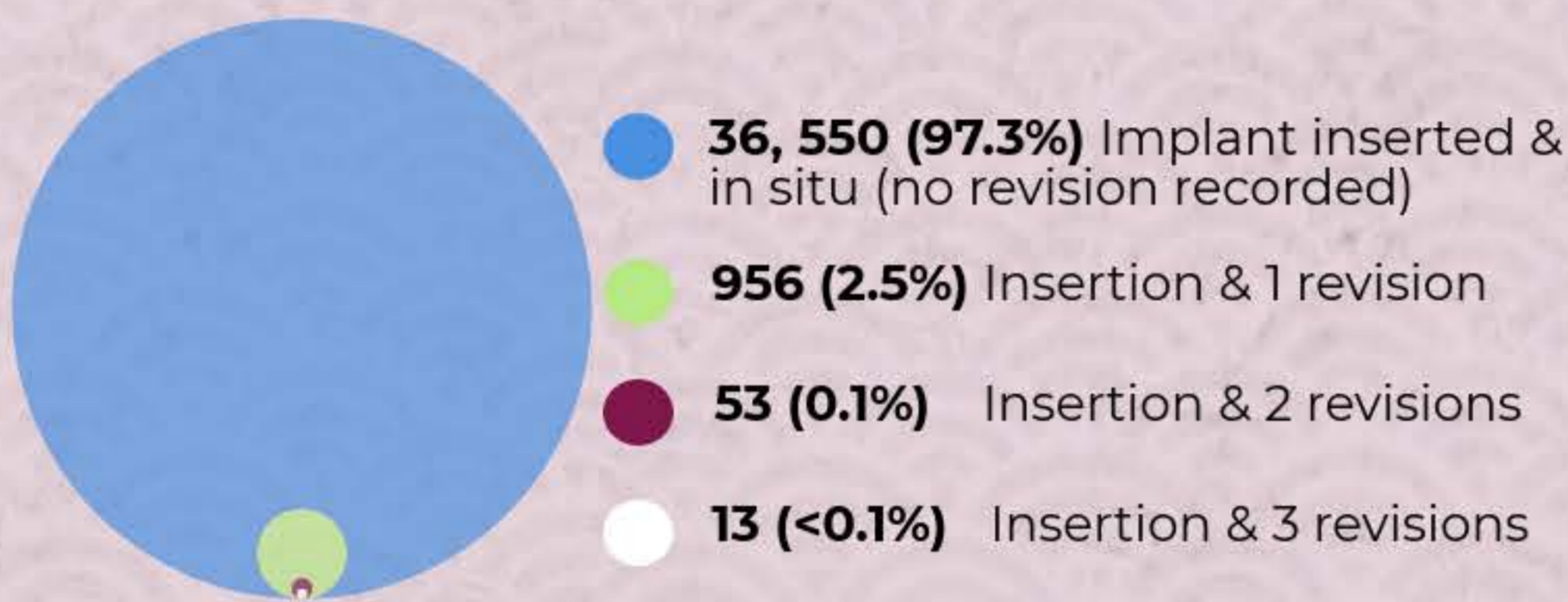


^includes 116 silicone/saline implants and 26 not stated

Primary implant procedures

'Primary' refers to when the initial insertion of the device was captured by the ABDR

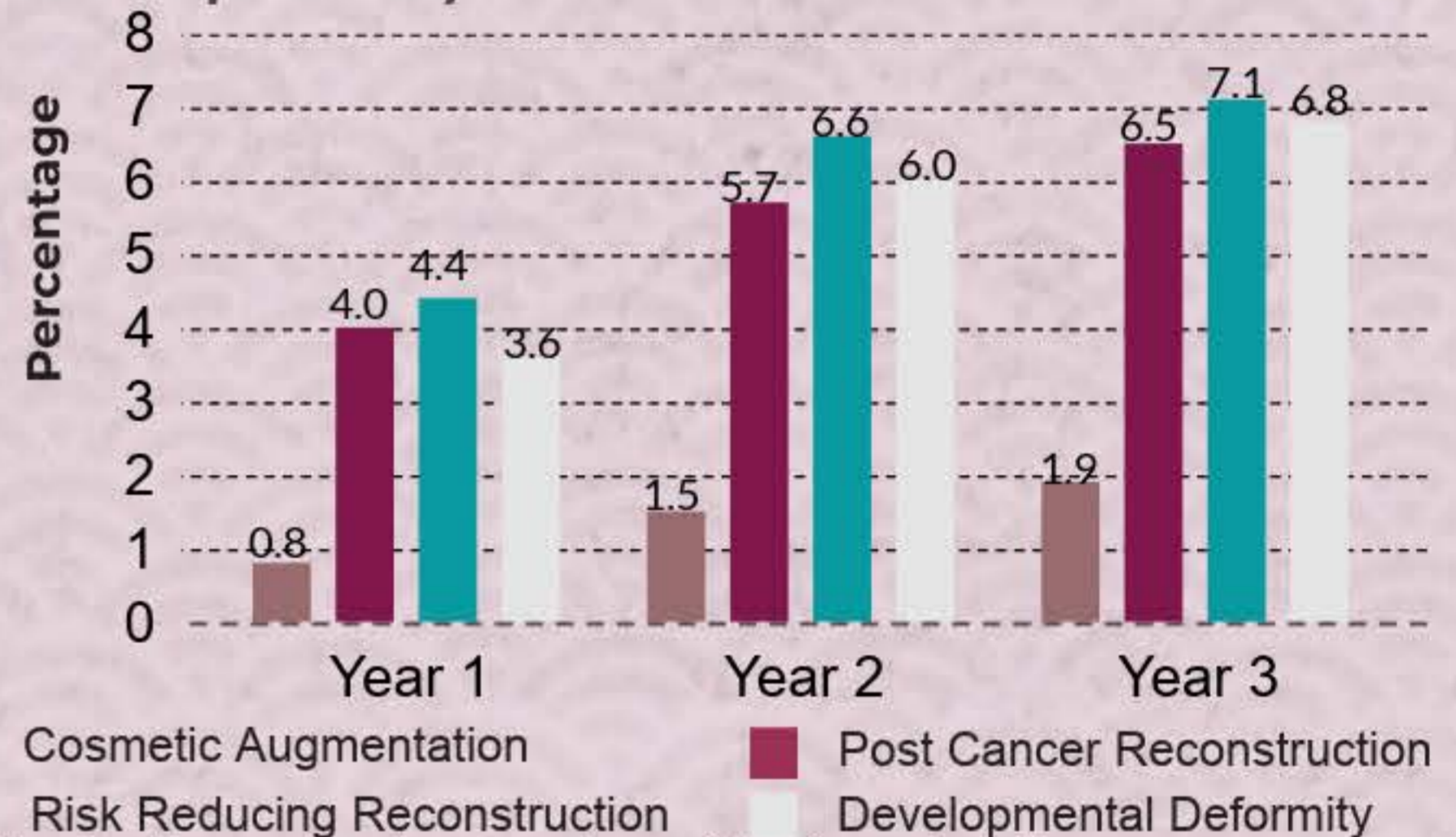
Procedures by primary implant breasts
(n=37,583* individual breasts)



*includes 10 planned replacement of permanent expanders and 1 case of breast implant insertion & 4 revisions

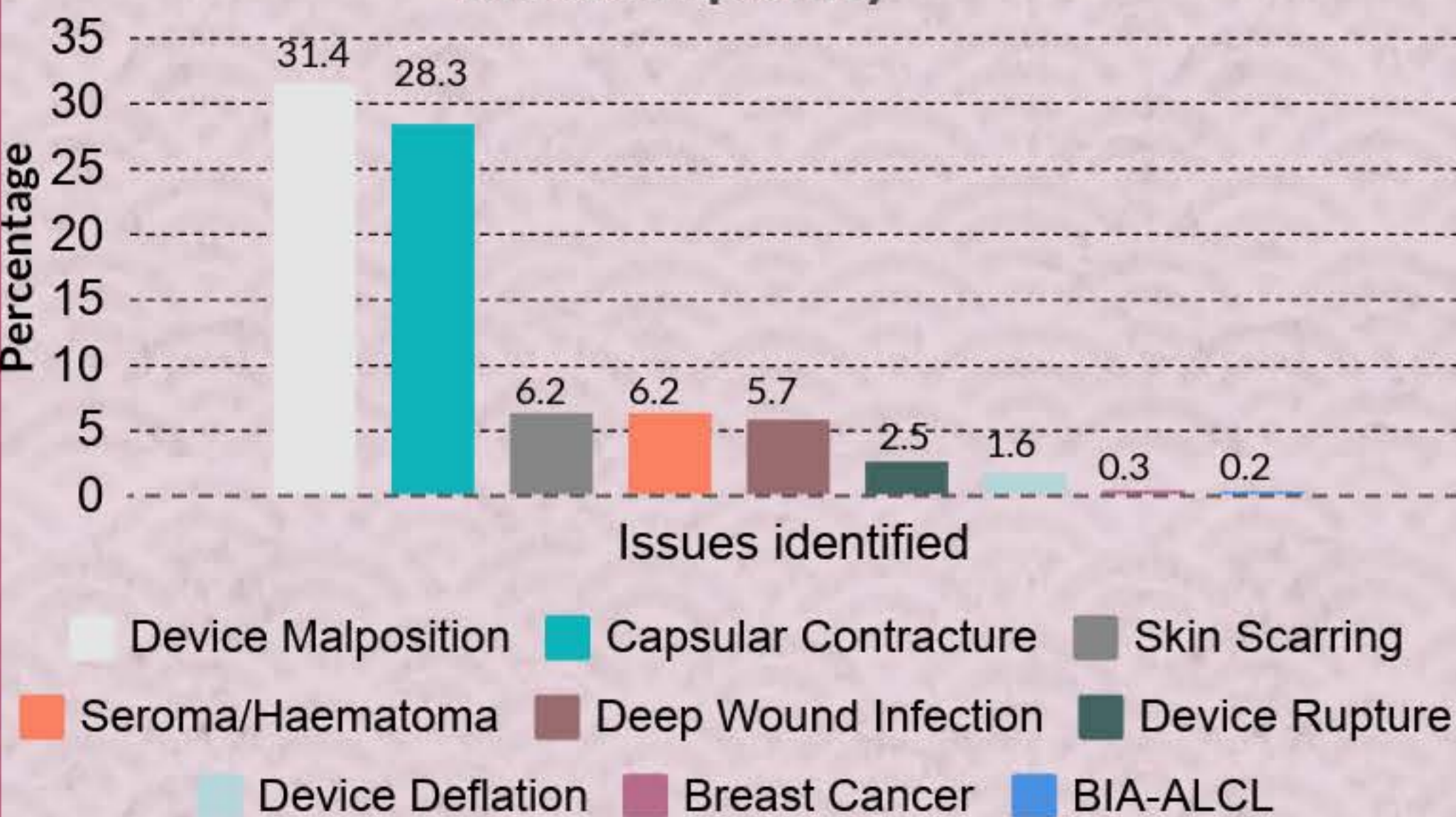
Complication revision incidence rates at years since primary implant*

(n=37,363 primary implants with 611 breasts revised due to complication)



Revision incidence rates have not been risk adjusted and breasts were excluded if reason for procedure was not stated

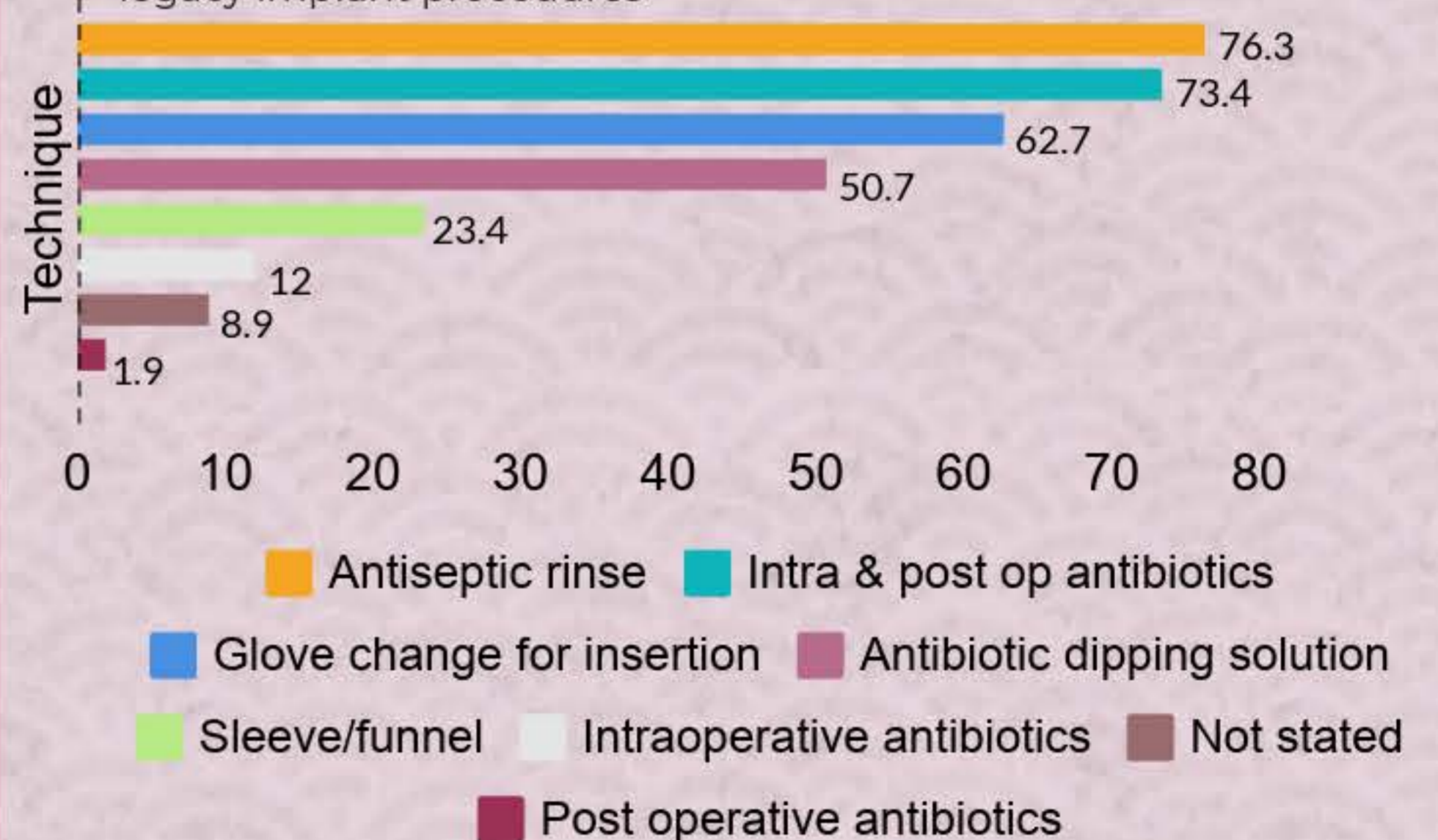
Issues identified at revision of primary implant ^ (n=1,105 revisions of primary breast implants)



^multiple issues may be recorded at one revision procedure

Intraoperative techniques (n=28,006* procedures)

*includes data from pilot data collection form for both primary and legacy implant procedures



Legacy implant procedures

From 2012 to 2017, there were 9578 breasts with breast implant revisions captured by the ABDR with no record of the initial (primary) insertion of the implanted device. Reasons for this may include that the initial (primary) procedure occurred prior to commencement of the ABDR, before the site joined the registry or overseas. The starting point of the breast implant journey for this cohort is therefore unknown, and these breasts are categorised as legacy implant breasts. From this cohort of legacy implant breasts, 95% had one implant revision procedure captured by the ABDR, and 5% had multiple implant revisions captured. The entire ABDR 2017 report is available at www.abdr.org.au/publications/