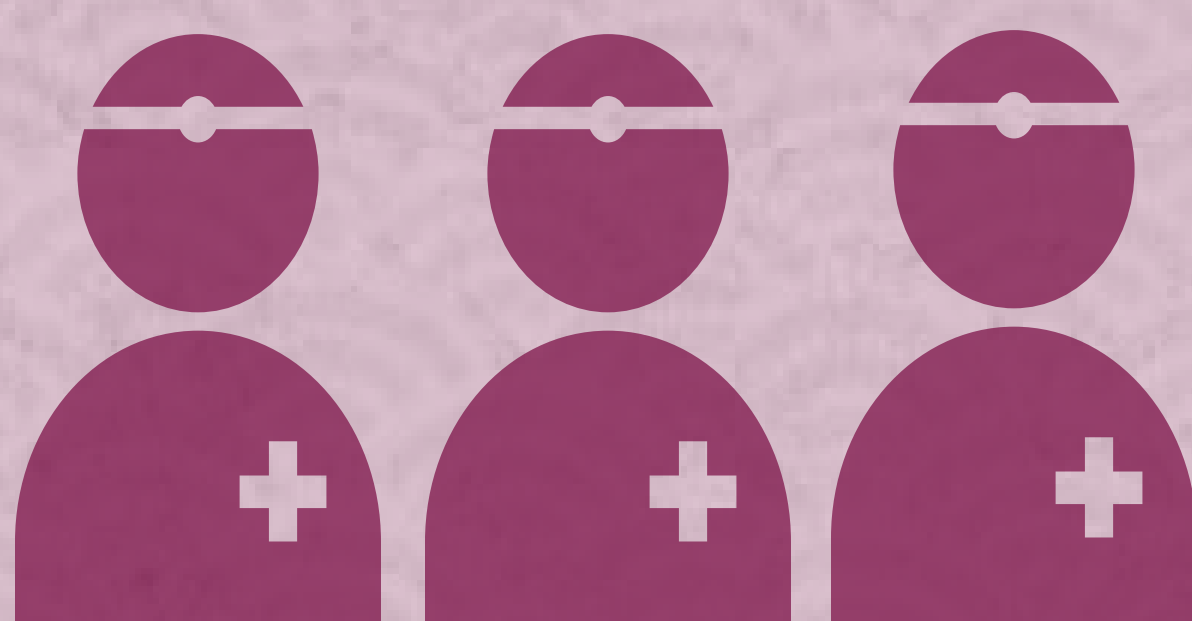


The Australian Breast Device Registry (ABDR) is a clinical quality registry for breast devices - implants, tissue expanders and acellular dermal matrices (ADM)/mesh. The ABDR aims to identify and report possible trends and complications associated with breast device surgery; track the long-term safety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

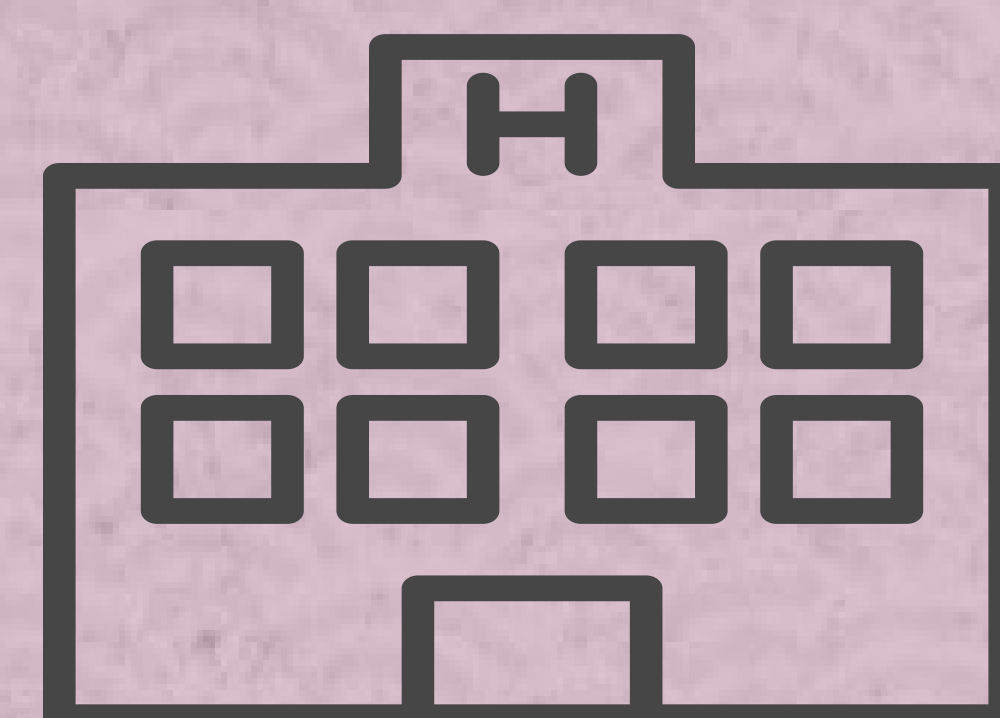
Recruitment 2012 - 2016



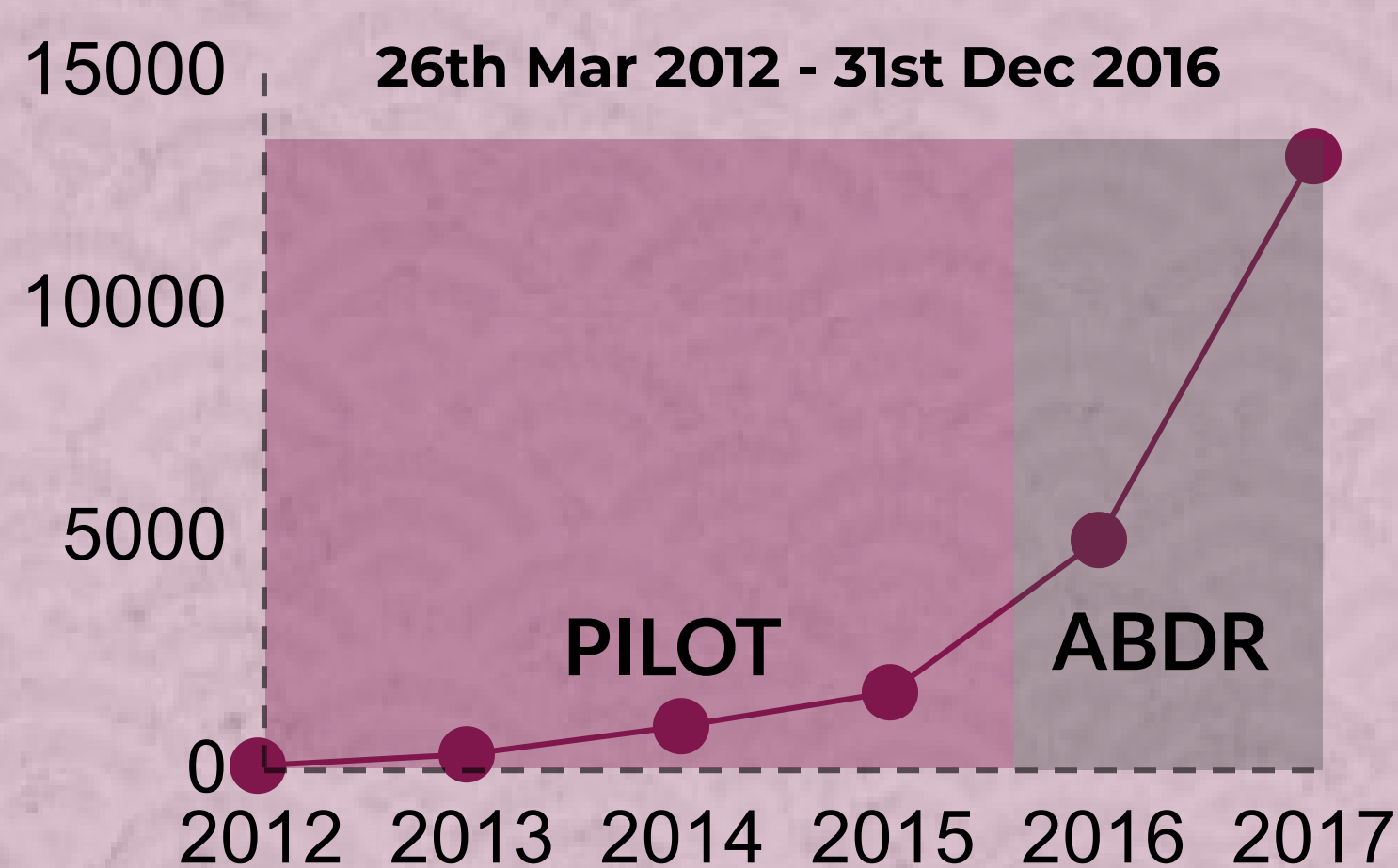
13,019 patients
Opt out rate <1%



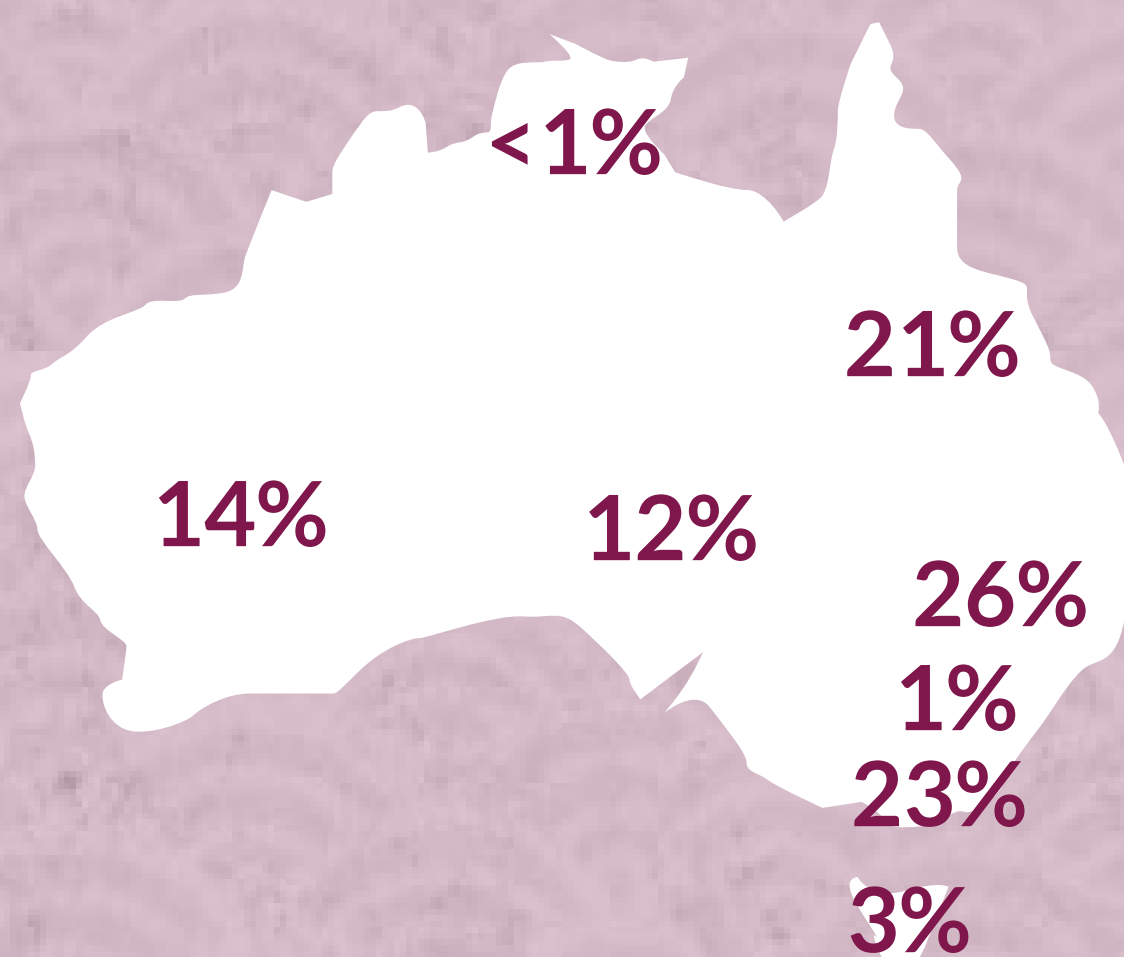
338 participating surgeons



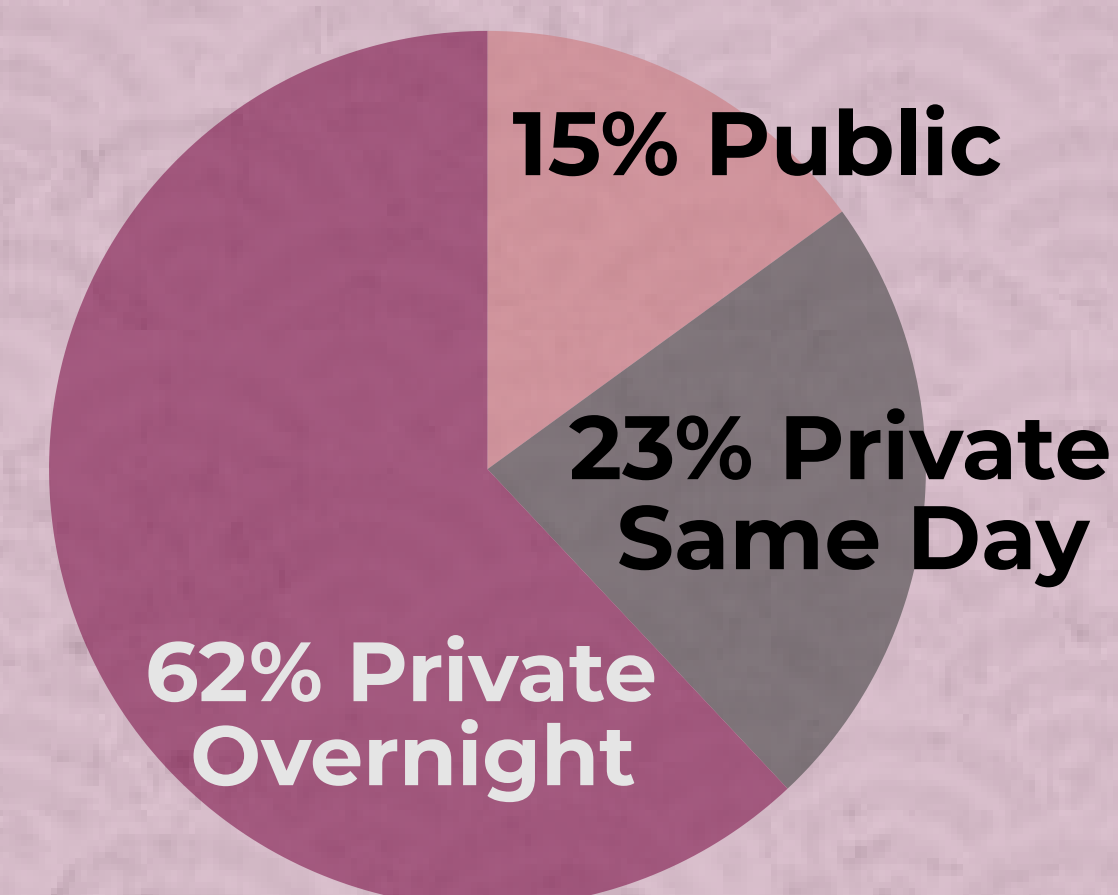
216 healthcare sites



Patient registration growth

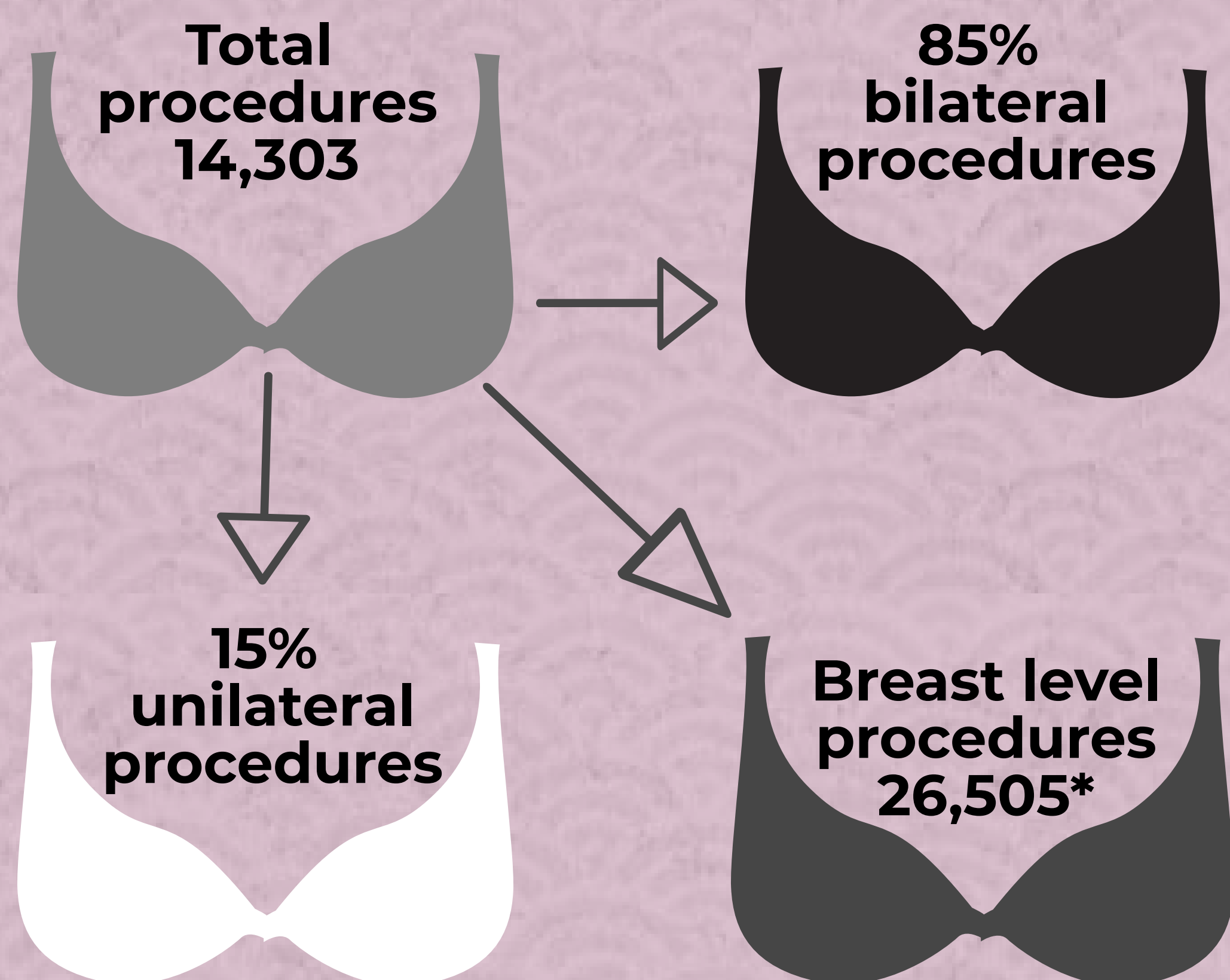


Location of participating surgeons



Participating Sites

Procedures captured

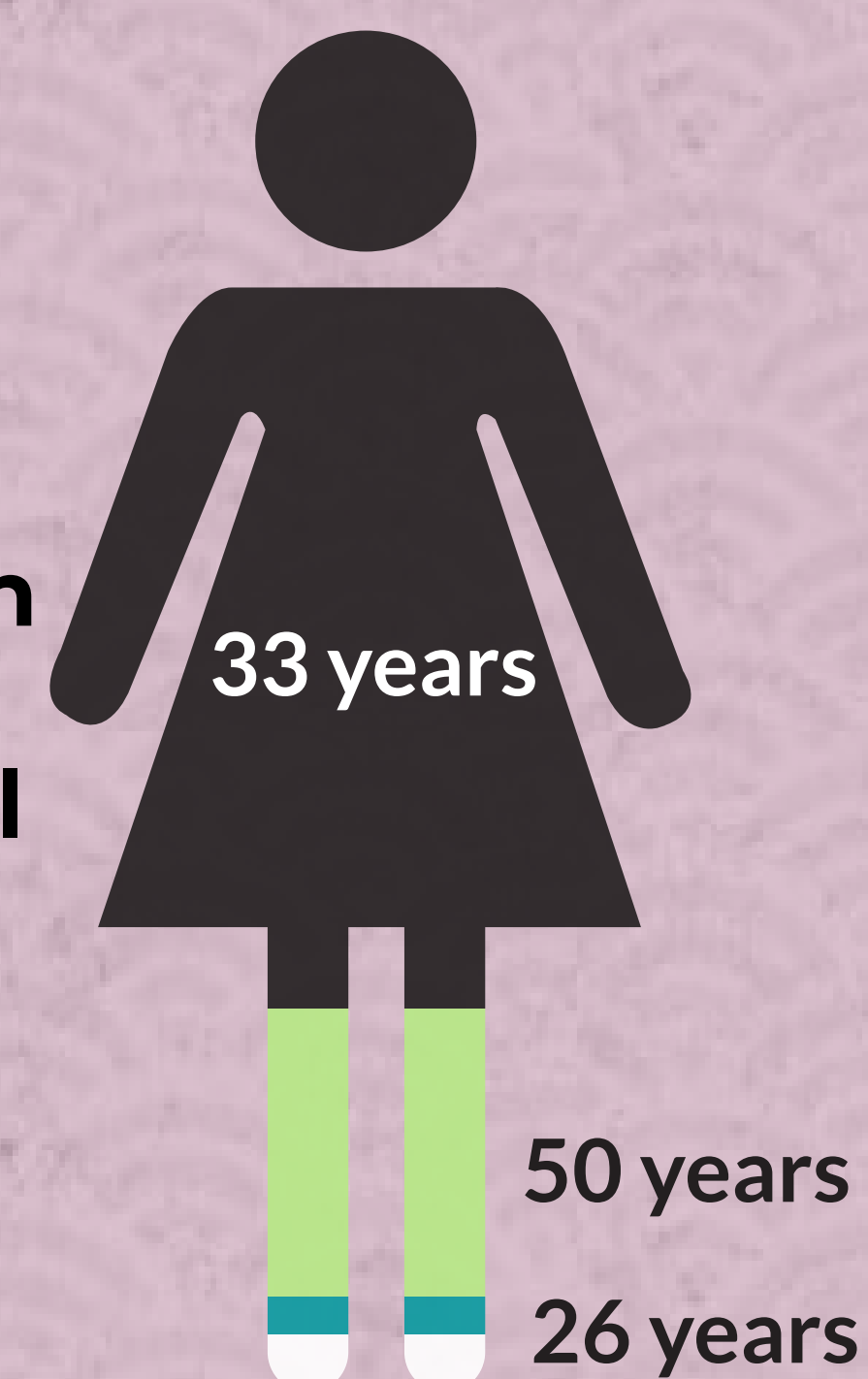


*primary and revision procedures

Reason for procedures

Median age** by reason for the procedure

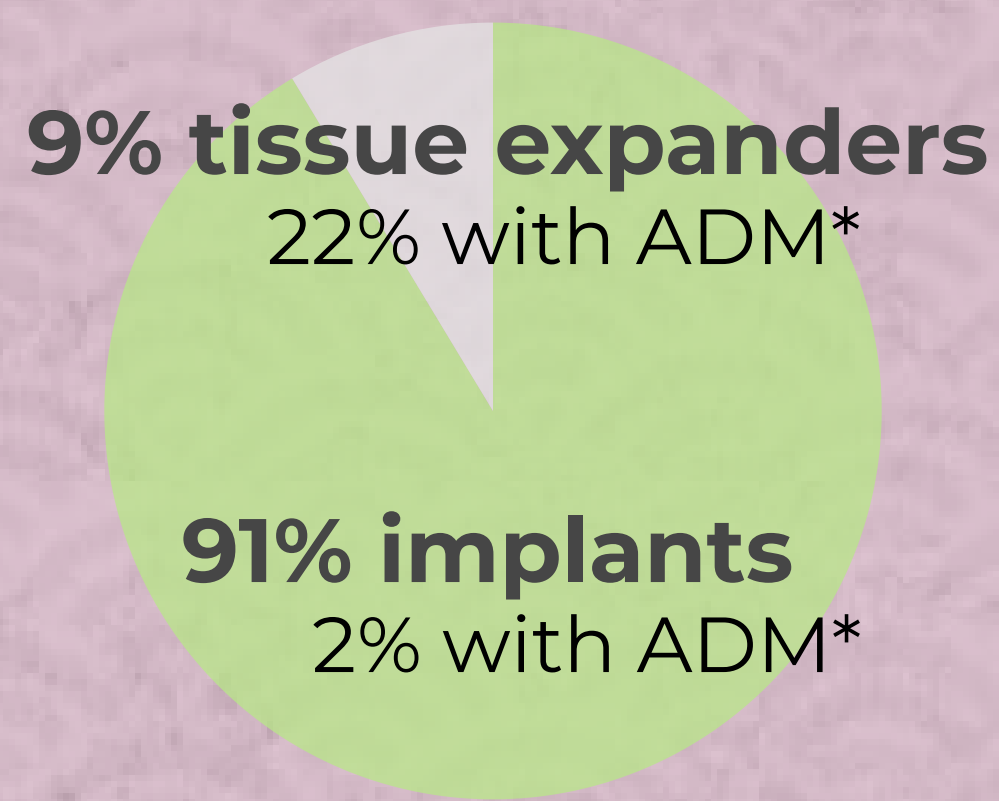
- **72% Cosmetic**
- **21% Breast Reconstruction**
- **3% Developmental Deformity**
- **4% Not stated**



** age at first procedure captured in ABDR

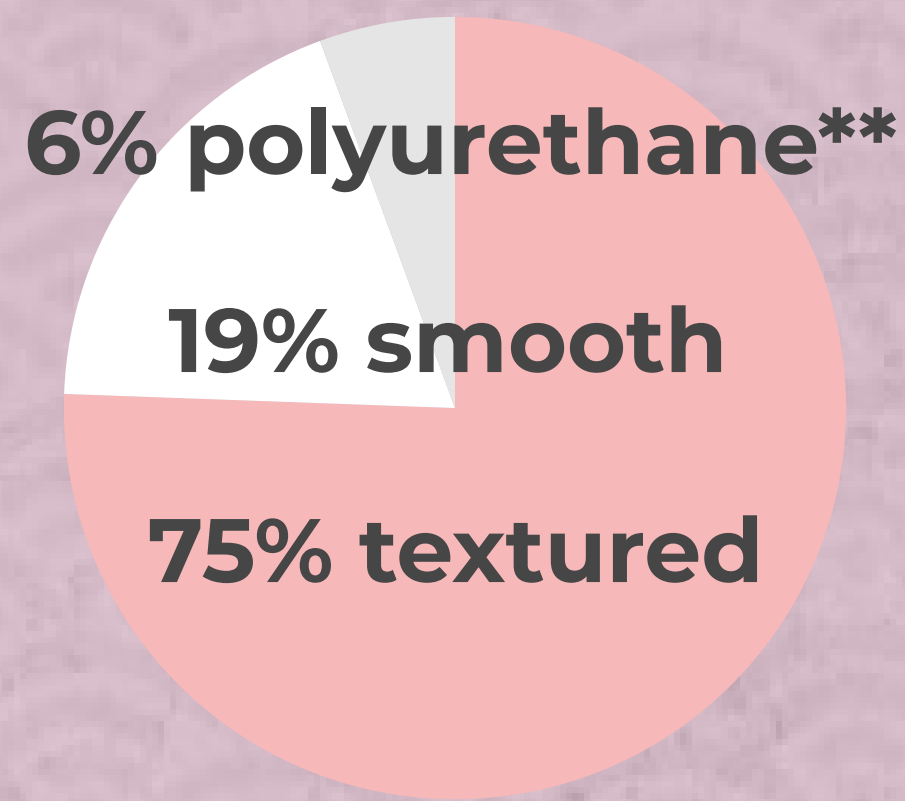
Breast device characteristics

Device types (n=19,757)



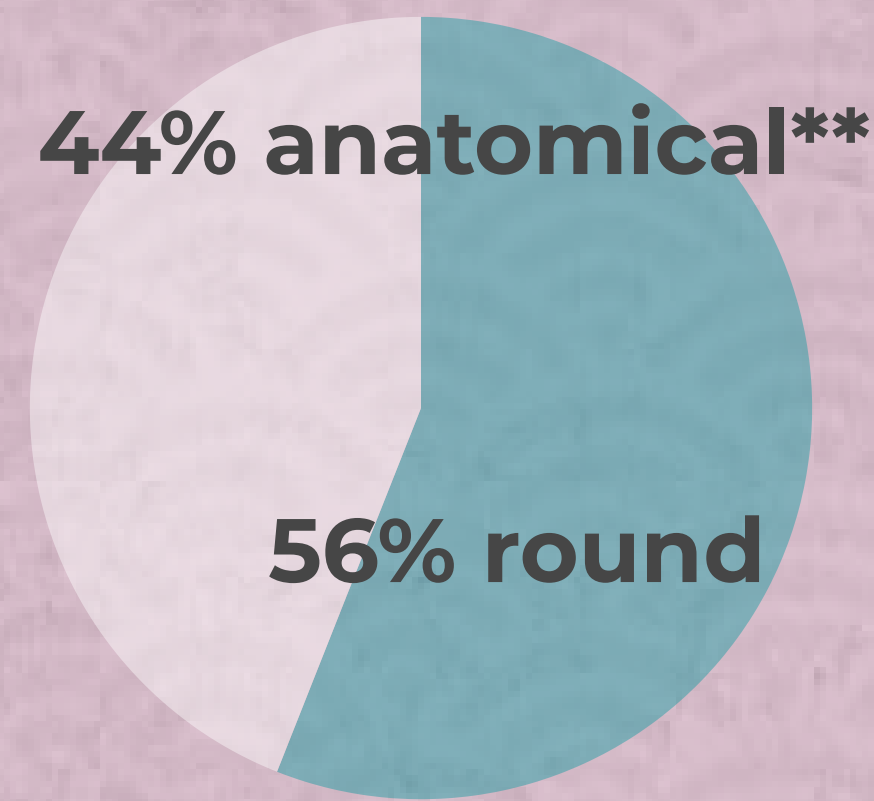
*acellular dermal matrices or similar

Implant shell (n=18,050)



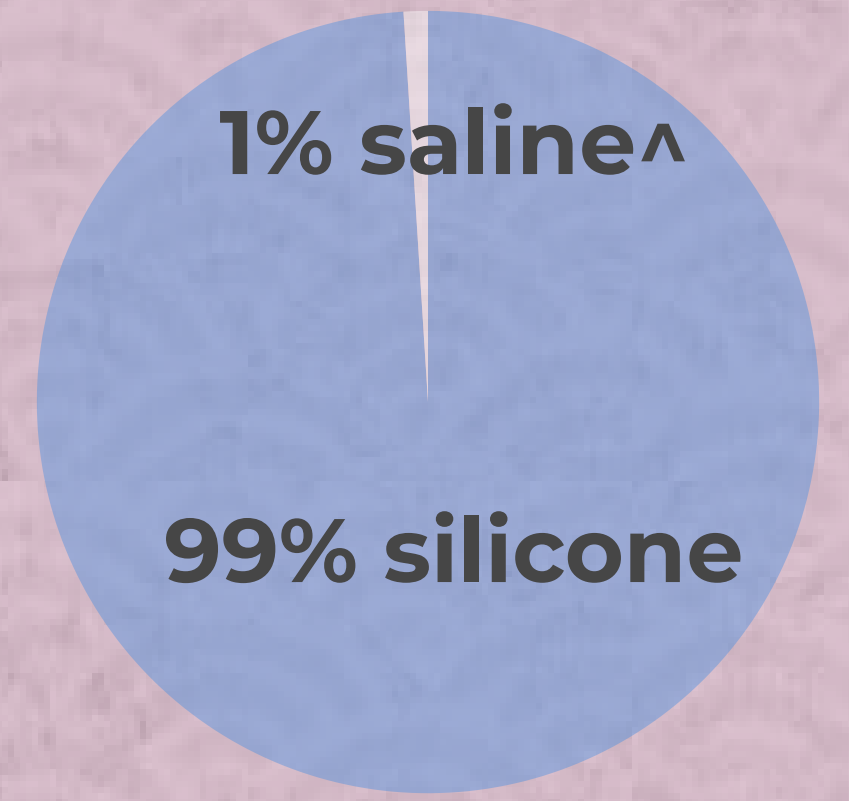
**includes 9 not stated

Implant shape (n=18,050)



^includes 13 silicone/saline implants and 9 not stated

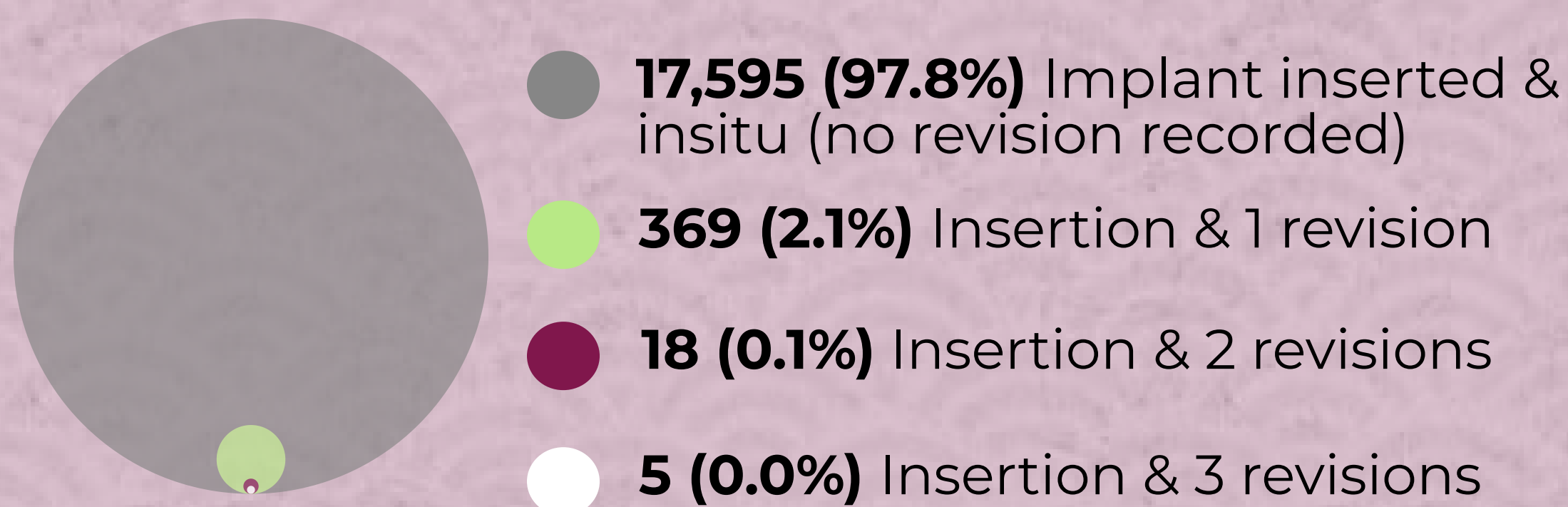
Implant fill (n=18,050)



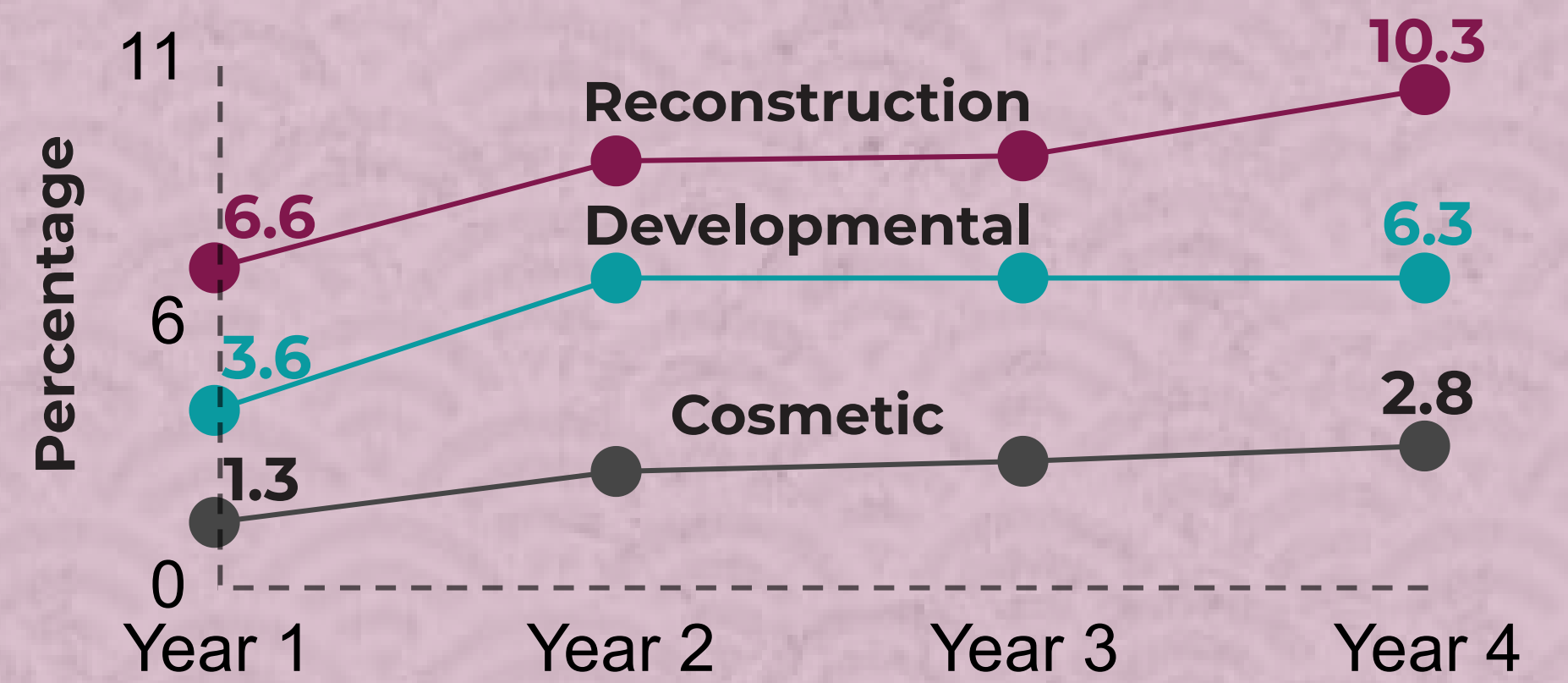
Primary implant procedures

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

Procedures by primary implant breasts (n=17,987 individual breasts)

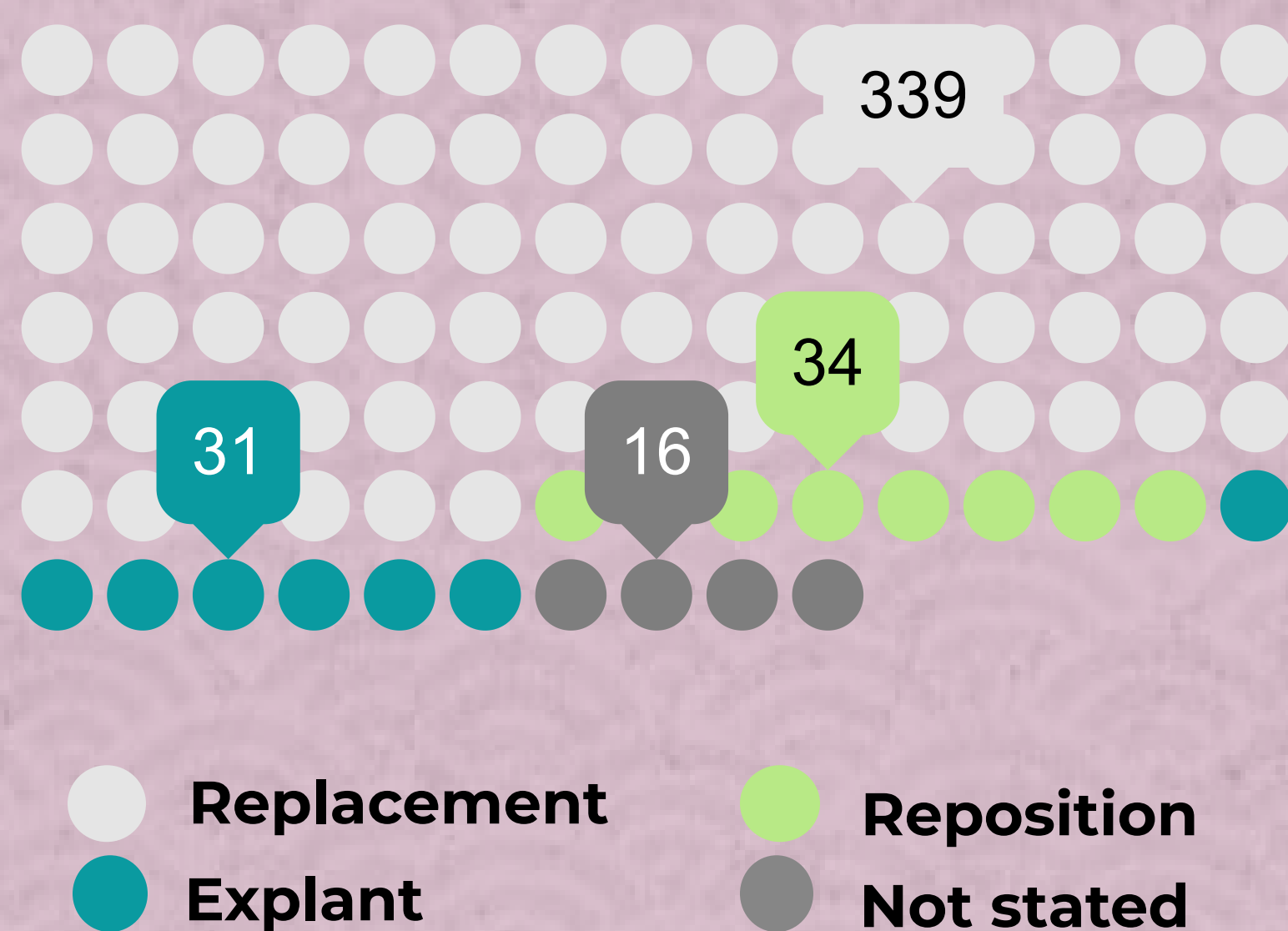


Cumulative revision incidence rates between primary breast implant and the first implant revision (390 breasts revised)*



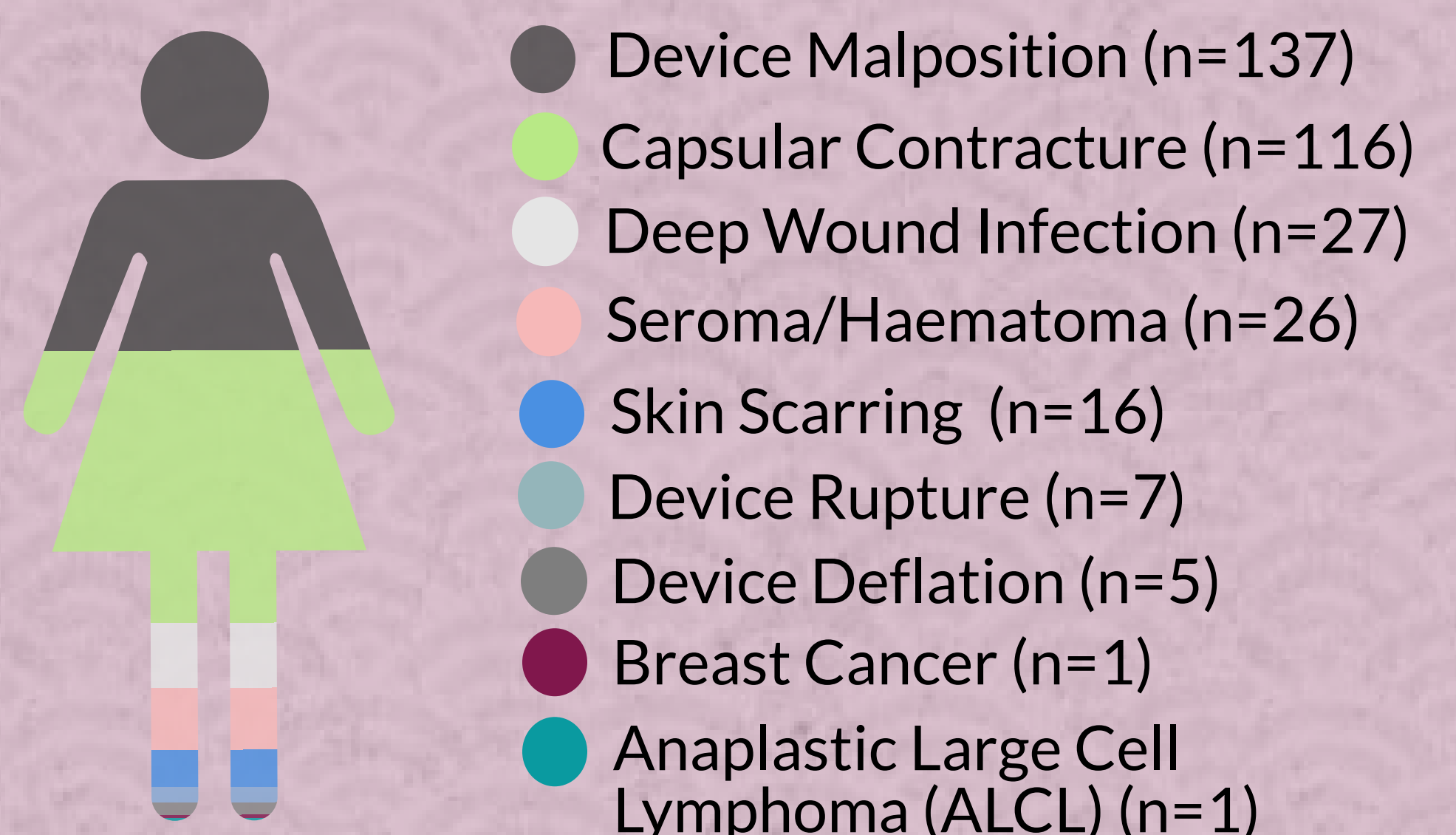
* has not been risk-adjusted and excludes breasts where reason for procedure was not stated

Types of implant revisions recorded for primary implant breasts** (n=420)



**some breasts had more than 1 revision

Issues identified at revision of primary implant breast^ (n=420)



^multiple issues may be recorded at one revision procedure

Legacy implant procedures

From 2012 to 2016, there were 5076 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, 96% had one implant revision procedure captured by the ABDR, and 4% had multiple implant revisions captured. The entire ABDR 2016 report is available at www.abdr.org.au/publications/