



[@telstrahealth](https://twitter.com/telstrahealth)

IMPROVING ACCESS TO CLINICAL DATA

Prof. Dorota Gertig

Medical Director, National Cancer Screening Register, Population Health

Telstra Health





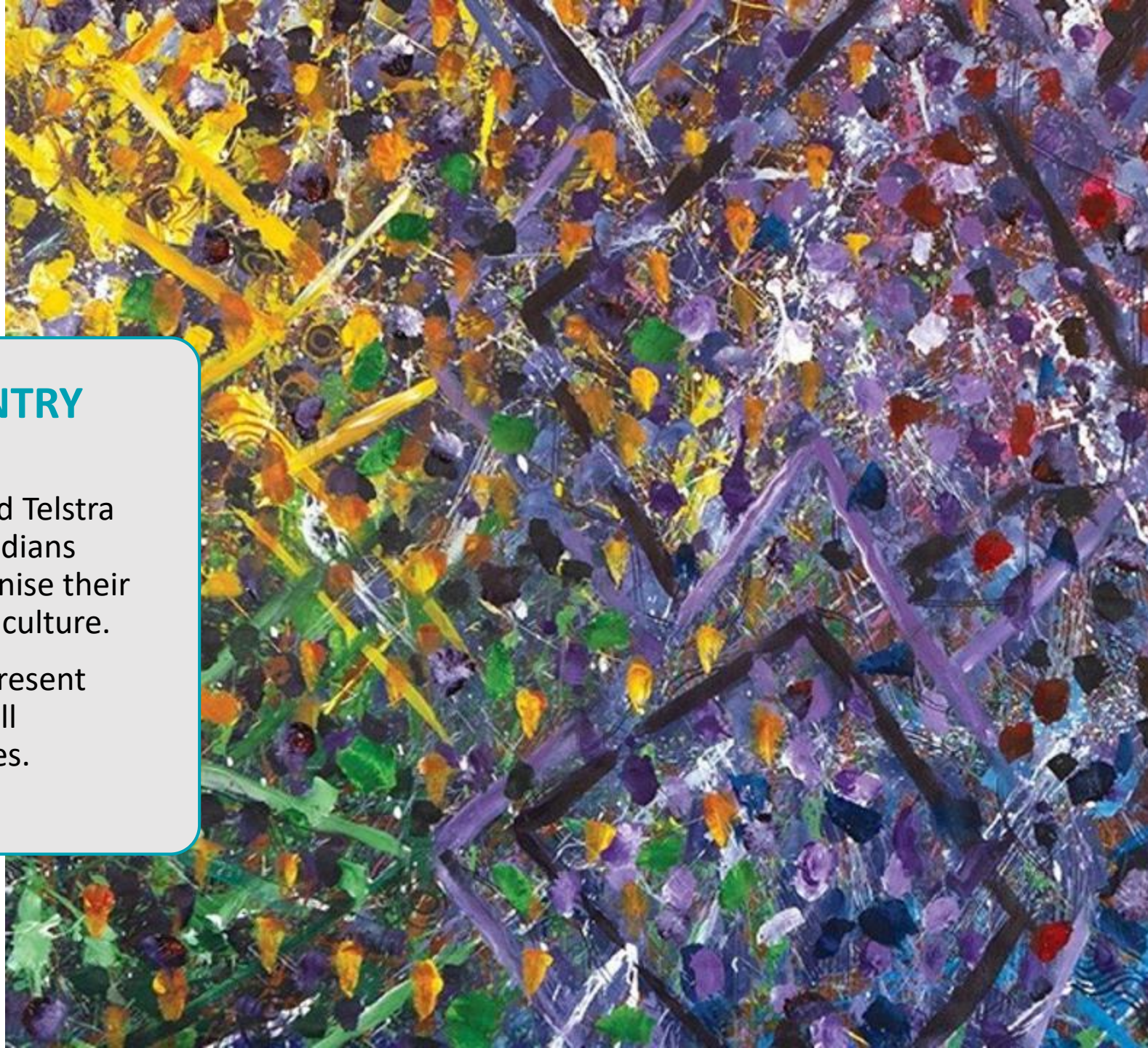
Australian Government

NATIONAL
CANCER
SCREENING
REGISTER

ACKNOWLEDGEMENT OF COUNTRY

The National Cancer Screening Register and Telstra Health acknowledges the Traditional Custodians of Country throughout Australia and recognise their continuing connection to land, waters and culture.

We pay our respects to their Elders past, present and emerging and extend that respect to all Aboriginal and Torres Strait Islander Peoples.





Australian Government

**NATIONAL
CANCER
SCREENING
REGISTER**



The National Cancer Screening Register (NCSR) is a world-first, digital platform developed to underpin the Australian Government's National Cervical Screening Program and National Bowel Cancer Screening Program.



Australian Government



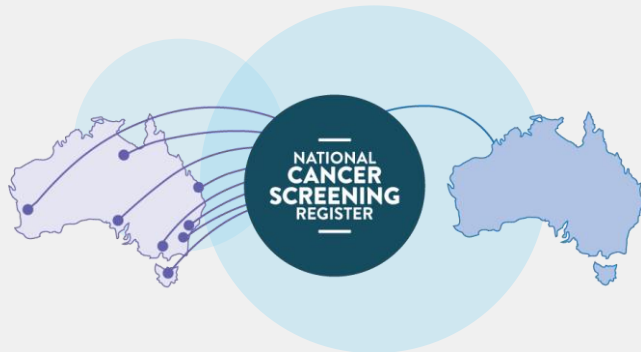
WHY THE AUSTRALIAN GOVERNMENT CREATED THE NATIONAL CANCER SCREENING REGISTER (NCSR)

The Australian Government awarded a contract to Telstra Health to implement and operate the NCSR in 2016 with a focus on supporting two screening programs:

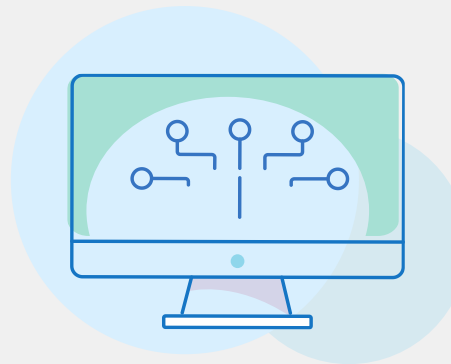
NATIONAL
CERVICAL SCREENING
PROGRAM
A joint Australian, State and Territory Government Program

NATIONAL BOWELCANCER
SCREENING PROGRAM

THE PURPOSE:



Bring together patient screening information by merging eight state- and territory-based cervical registers and the national bowel register into a single national register



Connect with pathology laboratories and link information from relevant Australian Government agencies and public and private health providers



Improve engagement by enabling easier access to screening information for healthcare providers and their patients



Australian Government



THE NCSR PLATFORM SUPPORTS ALL OPERATIONAL ASPECTS OF THE SCREENING PROGRAMS BY:



MAXIMISING PARTICIPATION

Integration with Medicare enables the NCSR to identify, invite and remind eligible people to screen.



FACILITATING TIMELY DIAGNOSIS

Automated and nationally consistent clinical rules are applied to participant screening data to support appropriate clinical management and follow up of screen-detected abnormalities.



PROVIDING NATIONALLY CONSISTENT DATA AND REPORTING

Informing continuous improvement and evaluation of the screening programs.



CREATING A CONNECTED AND IMPROVED DIGITAL HEALTH EXPERIENCE

Connecting all relevant cancer screening stakeholders to enable real-time, secure access to participant screening information for healthcare providers, their patients, and pathologists.



Australian Government



NCSR FUNCTIONS AND OPERATIONS

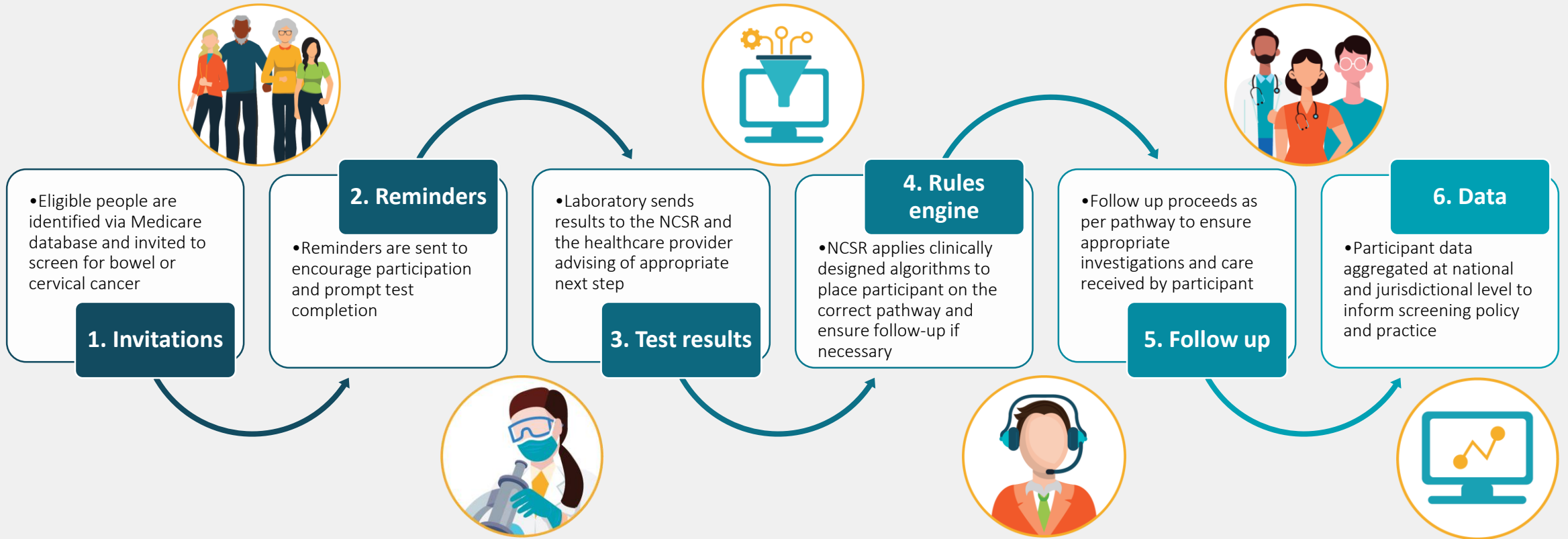
FACILITATING TIMELY DIAGNOSIS THROUGH REAL-TIME DIGITAL EXCHANGE OF SCREENING INFORMATION

Automated and nationally consistent clinical rules are applied to participant screening data to support appropriate clinical management and follow up of screen-detected abnormalities.



A single screening record for each eligible participant in Australia, accessible in real-time, provides **healthcare providers, pathologists and Follow Up Teams** the information they need to support people on their screening journey.

PARTICIPANT DATA FLOW





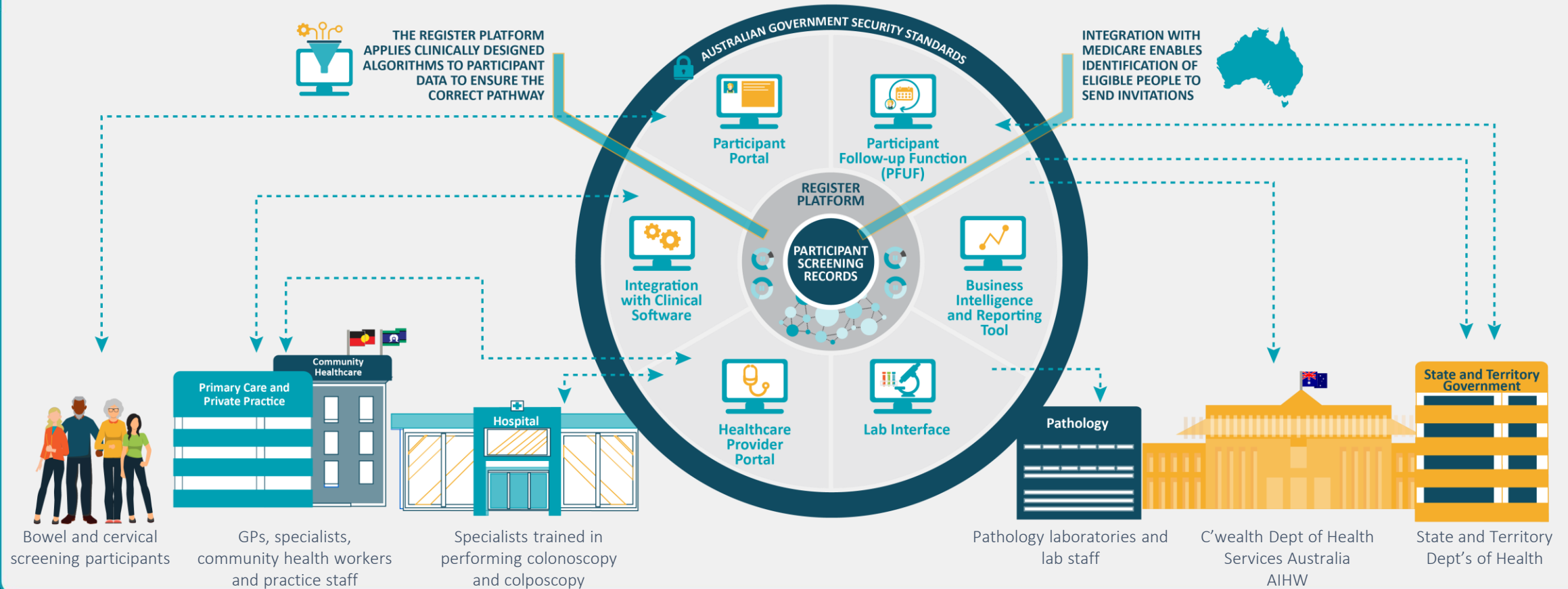
Australian Government



NCSR FUNCTIONS AND OPERATIONS

CREATING A CONNECTED AND IMPROVED DIGITAL HEALTH EXPERIENCE

Connecting all relevant cancer screening stakeholders to enable real-time, secure access to participant screening information for healthcare providers, their patients, pathologists, and relevant government departments.





Australian Government

NATIONAL
CANCER
SCREENING
REGISTER

KEY BENEFITS DELIVERED

RECORDS MIGRATED

11M

cervical records from 8 state and territory registers



10M

bowel records from the Services Australia register

MIGRATED AND MERGED INTO
1 NATIONAL REGISTER

DUPLICATE REMOVAL



1 in 5

(20%) of cervical program participants had duplicate records held in another state or territory



THESE PARTICIPANTS NOW HAVE A SINGLE NATIONAL RECORD

PATHOLOGY LABORATORIES



ALL MAJOR AUSTRALIAN LABORATORIES CONNECTED



99%

of all screening test results, histopathology reports, and colonoscopy or colectomy records shared electronically via HL7

HEALTHCARE PROVIDER ENGAGEMENT



1,800

clinical forms submitted each week



80%

of practices in primary care use software that can integrate with the NCSR



30%

of eligible practices have integrated with the NCSR

DIGITAL CHANNEL ADOPTION



16,000

Healthcare Provider Portal users



2,300

practices connected to the NCSR via integrated clinical software



43,000

Participant Portal users

IMPROVEMENTS THROUGH DIGITAL



85%

of cervical screening histories accessed digitally



45%

of all replacement iFOBT kits ordered digitally



94%

decrease in faxed screening history requests