

Do Point of Care Tests for Influenza & RSV Work? Four Years of Data

Peter Santosa

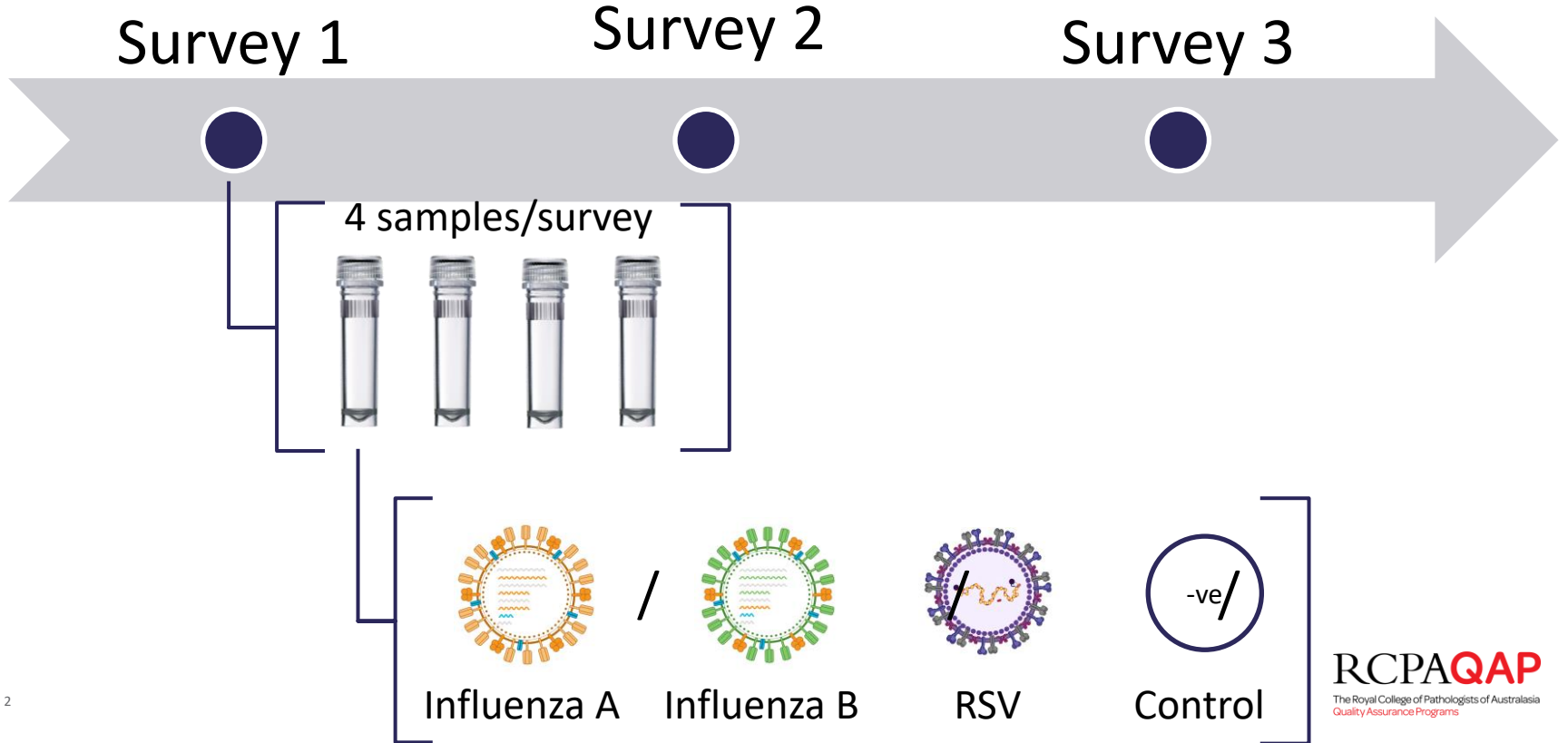
14th March, 2023

RCPAQAP

The Royal College of Pathologists of Australasia
Quality Assurance Programs

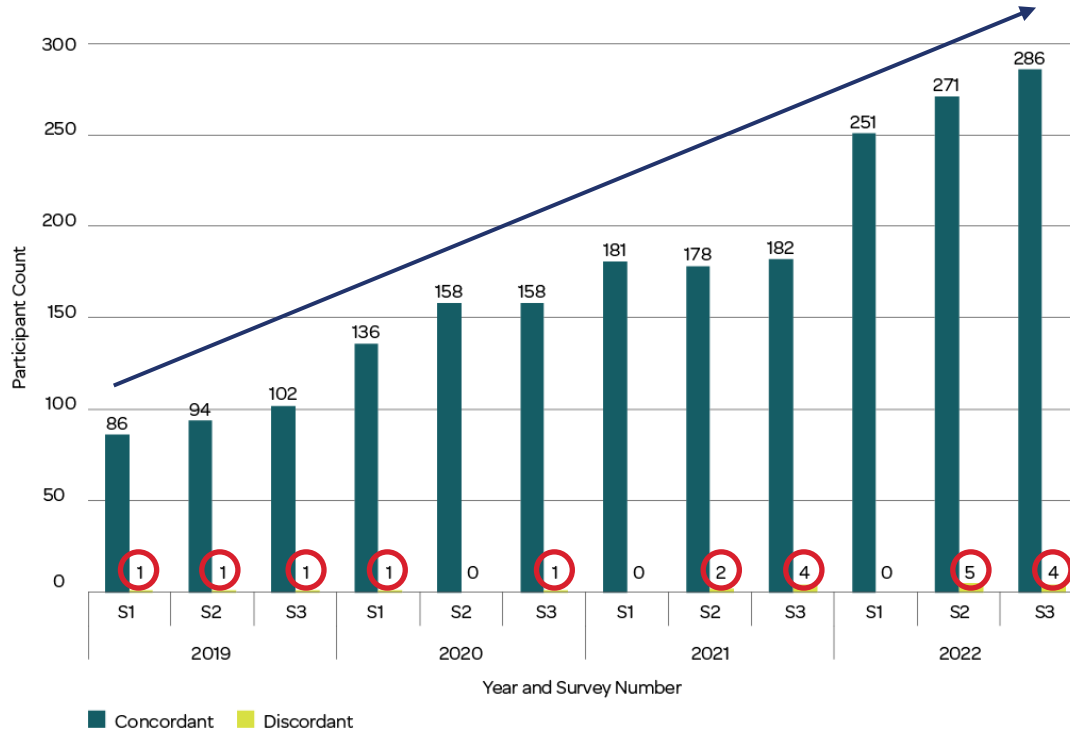


Yearly Cycle



Results (2019-2022)

Increasing participation



Excellent results - very low number of discordant results

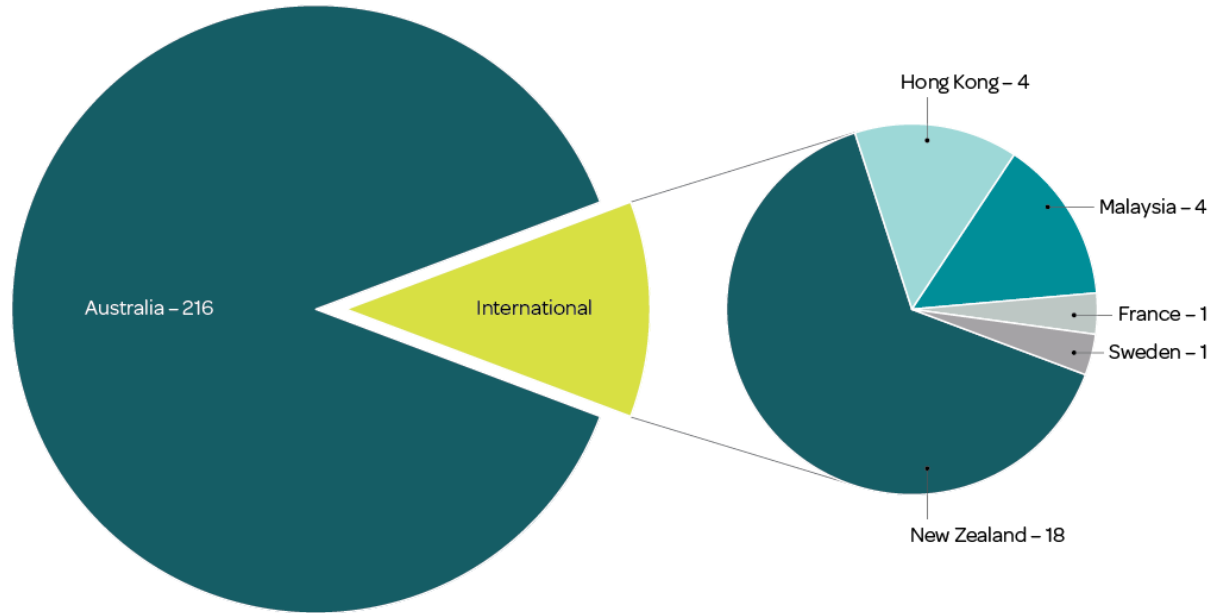
Kits Used in Most Recent Survey (Aug 2022)

Assay Name	Total Users (Count)
Abbott ID NOW Influenza A & B Ag	1
Becton Dickinson BD MAX ExK TNA-3	3
bioMerieux (BioFire) FilmArray Respiratory Panel 2.1 plus	1
Cepheid Xpert Flu/RSV XC	2
Cepheid Xpert Xpress CoV-2/Flu/RSV plus	2
Cepheid Xpert Xpress Flu/RSV	100
Cepheid Xpert Xpress SARS-CoV-2/Flu/RSV	101
CerTest Biotec VIASURE Flu A; Flu B & RSV RT-PCR Detection Kit	3
CerTest Biotec VIASURE SARS-CoV-2, Flu & RSV RT-PCR Detection Kit	1
Genetic Signatures EasyScreen Respiratory Pathogen Detection Kit	1
Hologic Panther Fusion Flu A/B/RSV	2
Other	1
Roche Diagnostics Cobas LIAT Flu/RSV	25
Roche Diagnostics Cobas LIAT SARS-CoV-2/Flu	45
Seegene Allplex RV Essential Assay	1
Thermo Fisher MagMax Viral RNA Isolation Kit	1

Two major user groups (Cepheid & Roche)

Countries in Most Recent Survey (Aug 2022)

Majority of participants are from Australia



Take Home Messages

- Four years of independent data show PoC tests for influenza and RSV are producing accurate results
- RCPAQAP has added SARS-CoV-2 to this program to cater for further kit development

“Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skilful execution; it represents the wise choice of many alternatives”

William A. Foster.

Thanks for listening!

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