

MASIMBA MAREVERWA Foresight 2021 17.05.21

REIMAGINE. RETHINK. REBUILD.

REvisualizing the path to data standardisation with industry Covid views



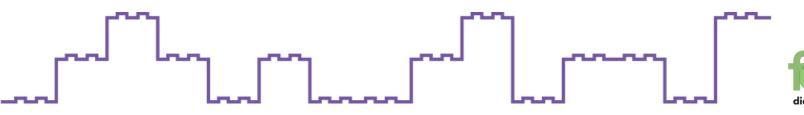


COVID-19 presented immense challenges to the health industry from a data perspective

- Traditionally, ICD's on pathology claims don't provide outcome
- In the hospital space, ICDs were not designed to report the absence of a disease for surveillance purposes

U07.1 - COVID-19, virus identified, disease diagnosis of COVID-19 confirmed by laboratory testing

U07.2 - COVID-19, virus not identified, assigned to a clinical or epidemiological diagnosis of COVID-19 where laboratory confirmation is inconclusive or not available



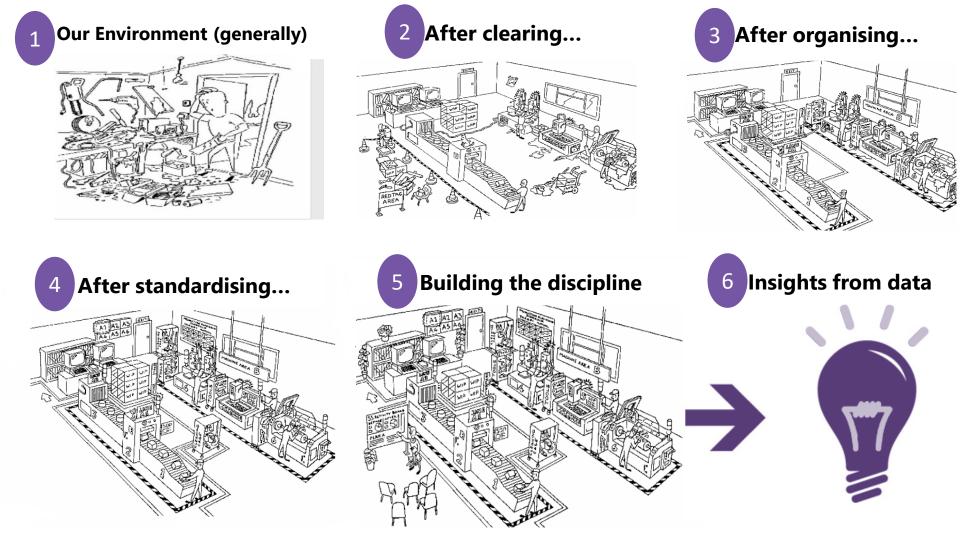


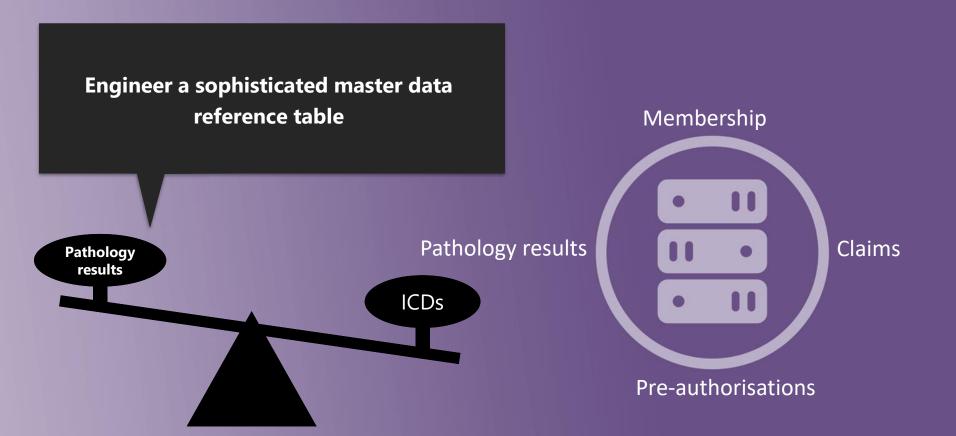
You have the data. So what?

The data needs to be collected, isolated, and used to provide useful insights



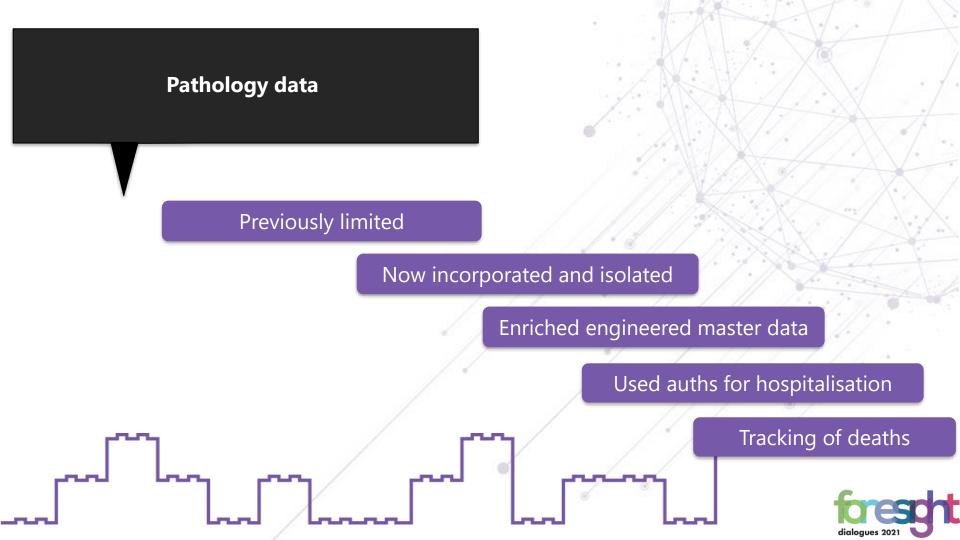


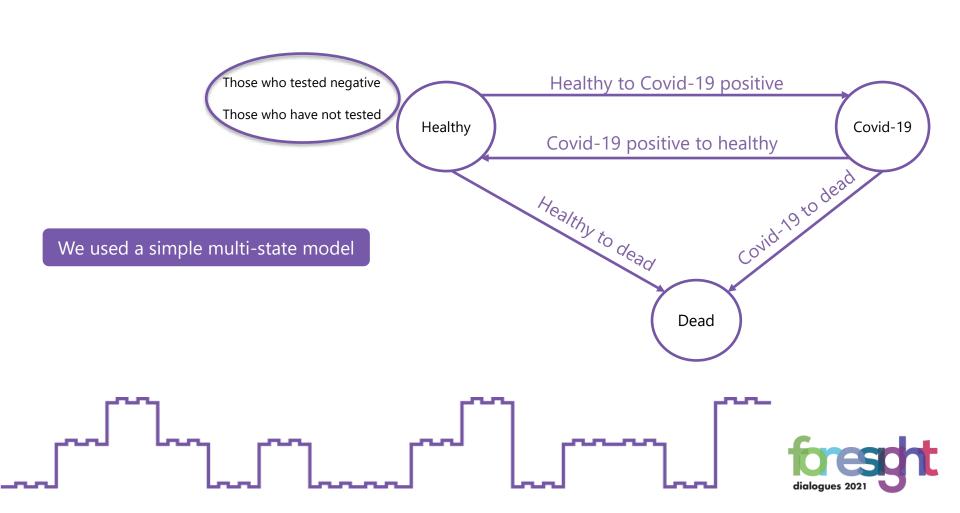


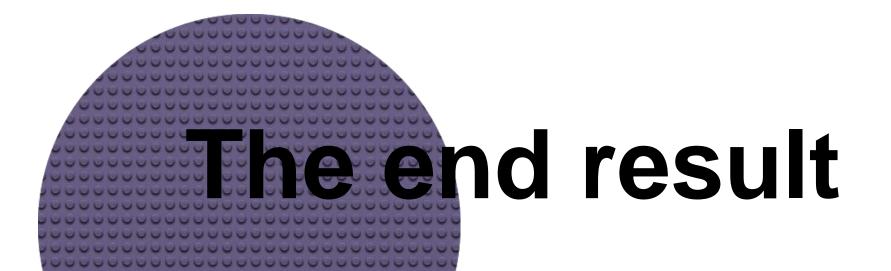


Recorded on "event date" not "reporting date"



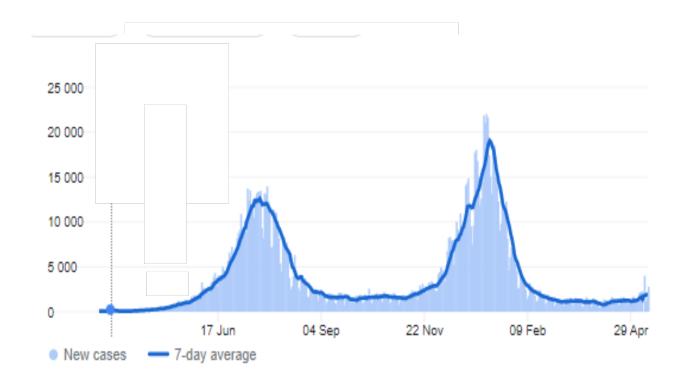






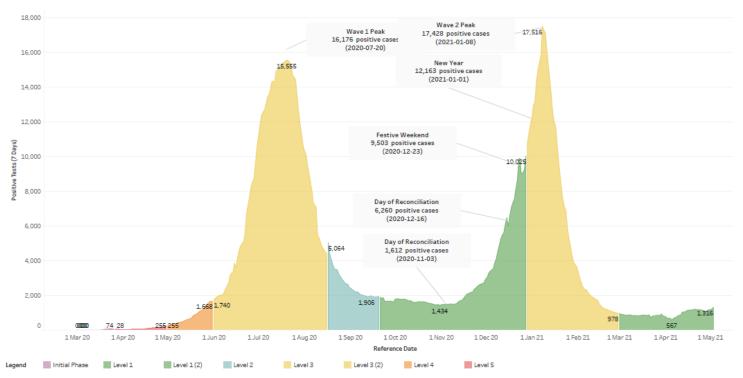


National number of positive cases

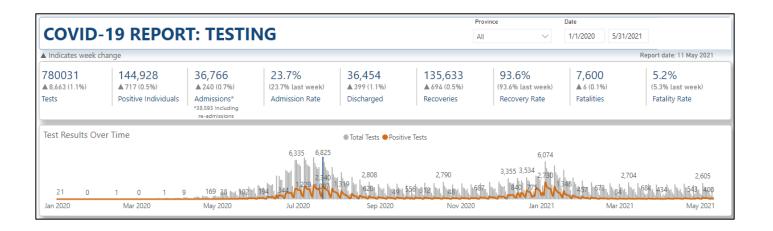




National number of positive cases by lockdown level



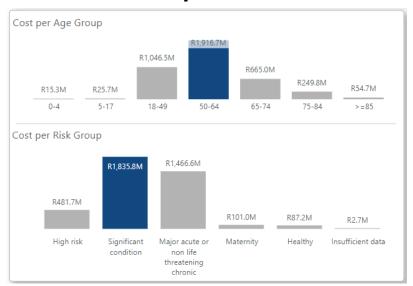




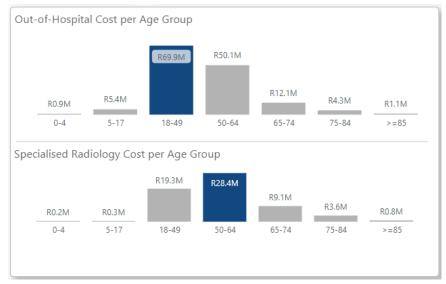




In-hospital costs

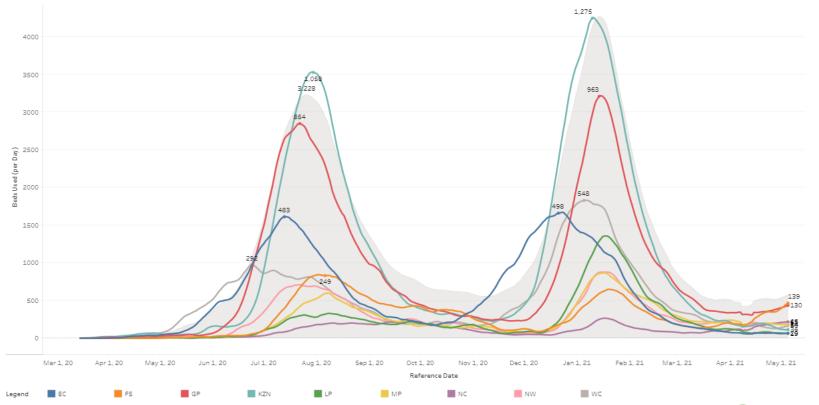


Diagnosis and out of hospital costs



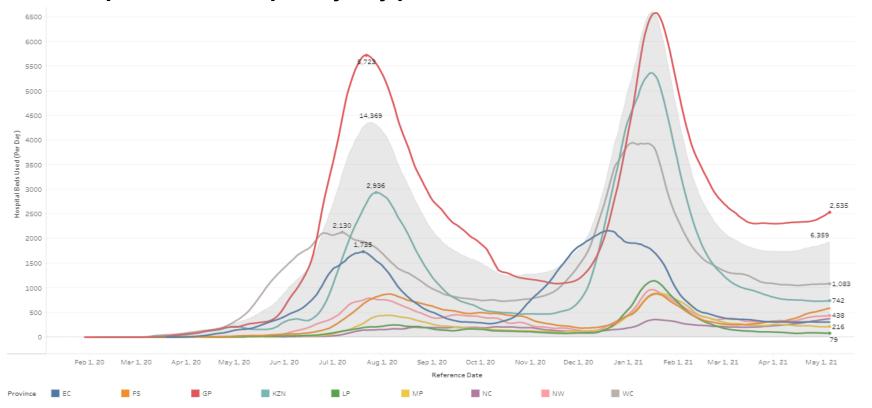


Scheme hospital beds used (per day) (by province)



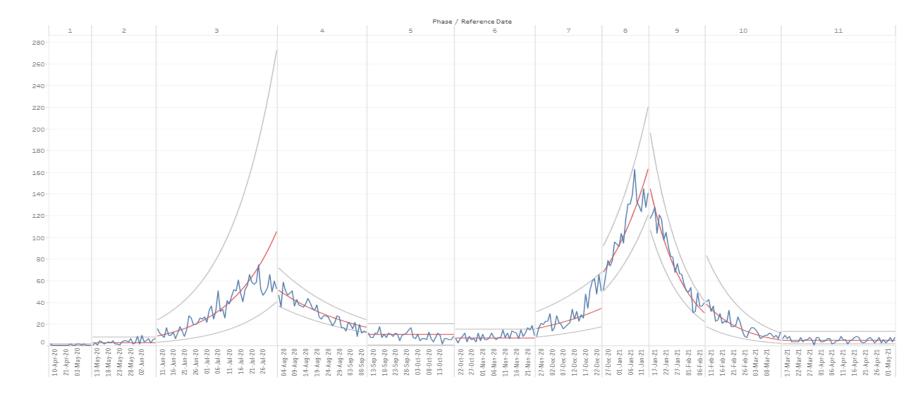


NICD hospital beds used (per day) (by province)

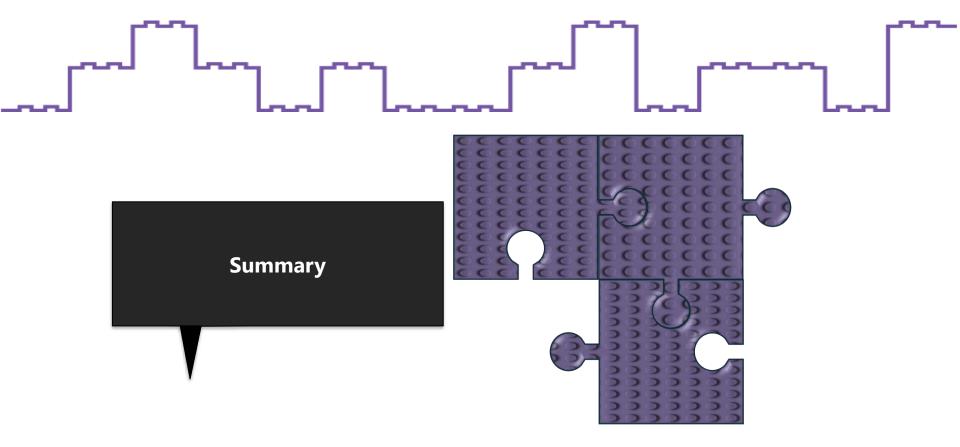




Fatality trend (unadjusted) - South Africa







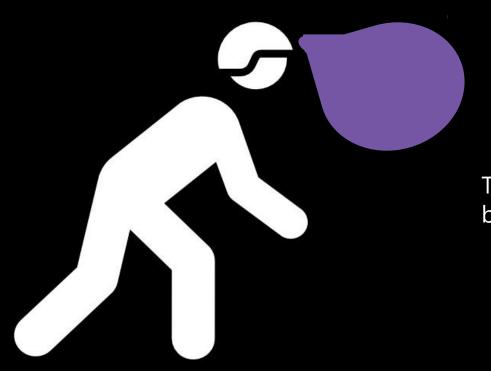






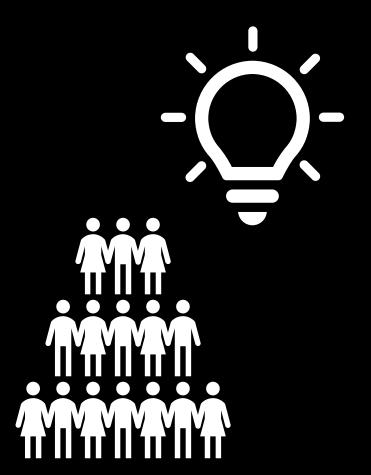
Trying to manage without data is like walking in the dark...you might get to where you're going but at what cost? A broken toe?





The significance of sharing data is that it broadens everyone's view





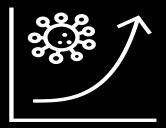
Data sharing and standardization allows us to address industry wide changes collectively

As an industry we should identify areas of mutual interest and collaborate



Collaboration

COVID-19



Fraud, waste, abuse



Provider Benchmarking



Voice of the patient







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