



LEGISLATIVE ASSEMBLY
FOR THE AUSTRALIAN CAPITAL TERRITORY

STANDING COMMITTEE ON HEALTH AND COMMUNITY WELLBEING

Mr Johnathan Davis MLA (Chair), Mr James Milligan MLA (Deputy Chair), Mr Michael Pettersson MLA

Inquiry into ACT Budget 2021–22
ANSWER TO QUESTION TAKEN ON NOTICE
21 October 2021

QToN No - 11

Asked by Mrs Jones on 21 October 2021: Mr Pepper took on notice the following question(s):

Ref: Hansard Transcript 21 October 2021 PAGE 70

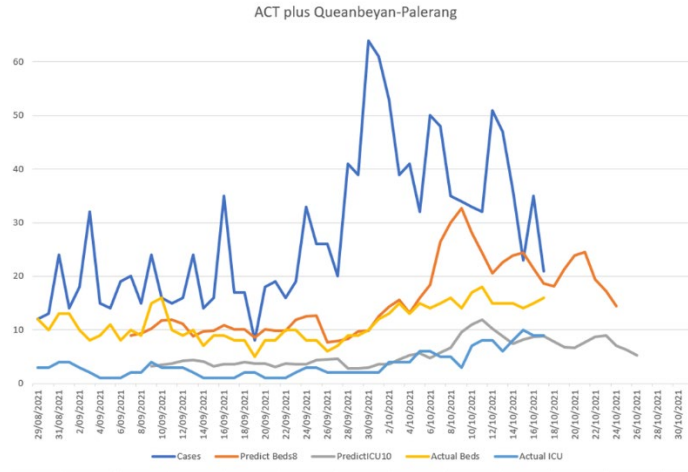
In relation to: Numbers and results of Doherty modelling - or ACT equivalent

MINISTER STEPHEN-SMITH: The answer to the Member's question is as follows:—

Noting the advice to the Member during the hearing, Canberra Health Services has developed mathematical toolsets for scenario planning, and in particular, to plan for hospital capacity by providing short term guidance on potential hospital admissions.

These tools are based on Australian and International research and have a number of variables, that are both defined in the tool, and adjustable by the end user, for example, vaccination rates, length of stay in hospital, active cases in the community (initial seeding), Test, Trace, Isolate and Quarantine (TTIQ) and Public Health Safety Measures (PHSM) efficacy.

To date, the model has proven accurate at predicting admissions to hospital and ICU over a one-to-two-week period (see figure below). The model is sensitive to active case rates and is being used to fine tune ACT health system capacity and to inform rostering of healthcare workers.



CHS staff receive modelling estimates each week to enable early planning for all team members. According to the predictive modelling, over the coming weeks from 1 November 2021, we expect to see around eight to nine cases in our hospitals at any one time, with between three and five in ICU.

Approved for circulation to the Standing Committee on Health and Community Wellbeing

Signature: 

Date: 9/11/21

By the Minister for Health, Rachel Stephen-Smith MLA