

Connecting the Government's Data Dots

Hon Bill English, Minister of Finance

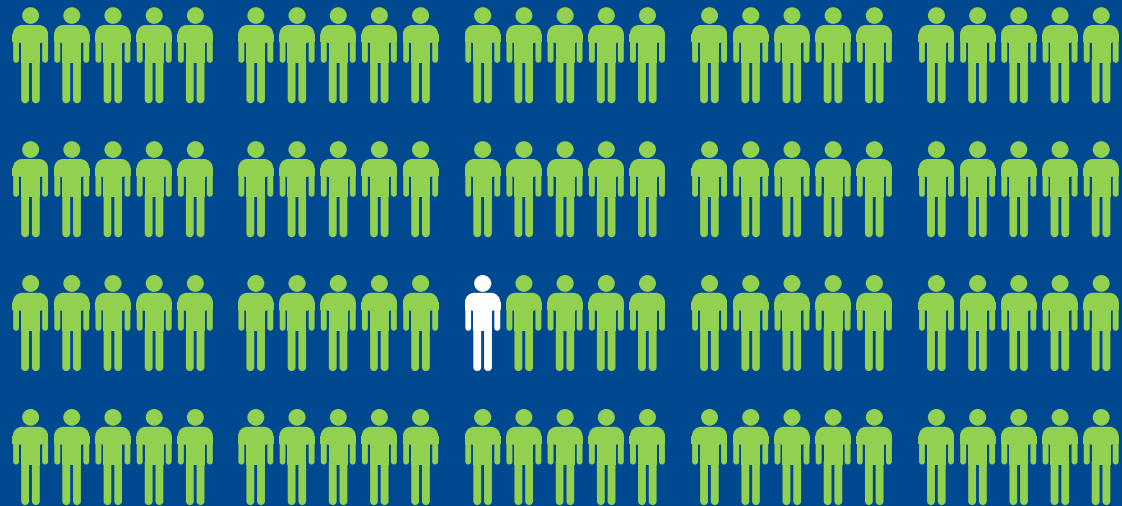
24 September 2015

Data is helping us understand the lives of our most at-risk children

1 per cent of five year olds:

- are known to CYFS, and
- have been supported by benefits for more than 40 months, and
- have a parent who has had contact with Corrections

This 1 per cent is around 600 children per year, but over 20 years creates a pipeline of 12,000 at high risk



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If we look at an average group of ten of these five year olds



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At age five...



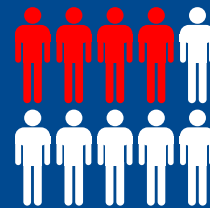
... a group of ten of these high-risk children

After high school...



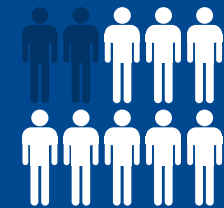
...seven would not have NCEA2 (74.6%)

By twenty one...



...four will have been on a benefit long-term (40%)

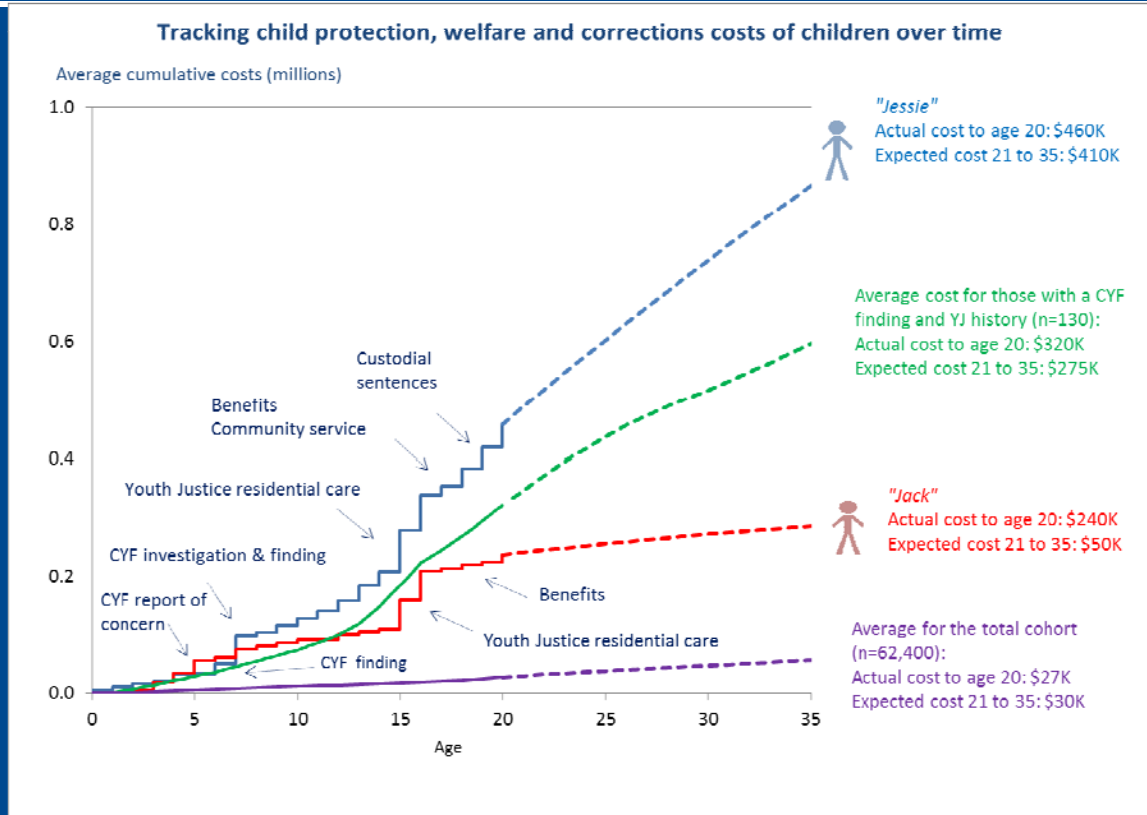
At thirty five...



...a quarter will have been in prison (24%)

On average, each child in this group will cost taxpayers \$320,000 by age 35 – some over \$1m

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We are applying better data to welfare

- Previously, we had a point-in-time view
- This led to a focus on short-term results, like bringing down the number of people on the unemployment benefit.
- Four years ago we commissioned actuaries to calculate the lifetime costs of people on benefits.
- That liability was first calculated at \$78 billion.
- Those on the unemployment benefit made up only 5 per cent of future costs.

... to drive improvements in the system

For example:

- The 70,000 people with psychological or musculo-skeletal conditions represent a lifetime welfare cost to the taxpayer of around **\$12 billion**.
- We didn't know this before.
- But we are now targeting improvements in the lives of these people – and others – through the Government's 10 Better Public Service results.



Summing up

- We're making better use of data and analytics
- We're committed to sharing that data with you
- Demand the data we hold from us – and tell us how we can make it easy for you