

## Research Question

Each JIRAD initiative is different, with variations in locality; stakeholders; beneficiaries; decision-makers; investment/reinvestment amounts; savings and other benefits; whether there is investment, reinvestment and/or diversion; and whether the focus is improving a situation before, during or after prison.

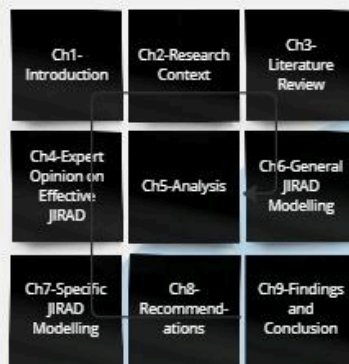
Q: Given the parameters involved in the implementation of a particular JIRAD initiative, (a) what would the predicted savings and ROI be; (b) what other tangible (and intangible) benefits are likely; and what is the impact of the initiative on incarceration levels likely to be?

Benefits of improvements in justice health, including mental health, and the costs of failing to improve justice health

To a lesser extent, New Zealand, Continental Europe, Canada & other countries

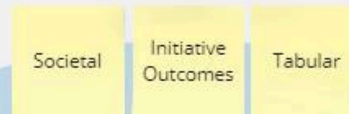
The main focus is an economic analysis of past and present JIRAD initiatives. Intangible benefits, which are an acknowledged part of economics, are mentioned but not quantified.

It is left to decision-makers to ascertain whether the unstated intangible benefits and stated tangible benefits justify the financial investments/reinvestments. Evaluation must include consideration of large-scale societal changes, including the rise of artificial intelligence, quantum computing and other emerging technology. Increasing predictive policing and climate change are two further major changes that will affect the economic analysis of JIRAD initiatives



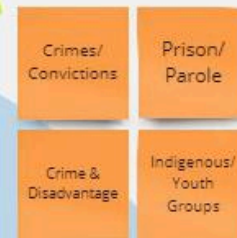
## Chapters

Economic data, from general social statistics through initiative outcomes to detailed costings for completed initiatives



## Data

## Sub-Topics & Explanations



## Justice Mapping



The relationship between disadvantage and crime may be mapped as a necessary prelude to designing initiatives that may redress this disadvantage and reverse the spiral towards prison.

Addressing disadvantage typically involves identifying regions that are lacking in community resources and opportunities, then investing in infrastructure, employment, housing, education and training in these areas.

Various stakeholders will typically come together to design and develop initiatives that deliver savings, stronger communities and diversion from prison

## Hypotheses

### Primary Hypothesis:

'JIRAD' =  $JI + JR + D$ . A JIRAD project that implements one or two of the three activities may deliver positive outcomes in the short-term, but for optimal outcomes in the long-term, all three activities will need to be implemented at the appropriate times.

### Secondary Hypothesis:

Reforms of the criminal justice system have the greatest potential to bring the greatest and most widespread benefits in the shortest possible time and at the lowest possible cost.

# Applied economic analysis for Australian justice investment, reinvestment and diversion

## Title

## Concepts & definitions

## JIRAD Design



## JIRAD Implementation

JIRAD initiatives may be implemented to prevent people from being imprisoned; or during incarceration to rehabilitate and train people; or after prison to provide adequate support for reintegration into the general community.

## JIRAD Research Concept Map

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