

GESAC

Government Expenditure in South Australian Children

Who are we?



NOVA

S M A R T S O L U T I O N S

Our Journey

- 1 Understanding the issue
- 2 Defining Concepts
- 3 Locating information sources
- 4 Identifying gaps
- 5 Classifying Information
- 6 Matching data
- 7 Presenting results

Methodology



Federal vs State



Direct vs Indirect



Proportions



Source of information

Federal

- Federal Budget Statements
- Portfolio Budget Statements
- Year: 2014-2015
- 16 Portfolios + 4 Parliamentary Departments
- 75 different programs

State

- Budget Paper
- Vol 1-4 Agency Statements
- Year: 2014-2015
- 24 State Agencies
- 38 different programs

Direct

Programs that impact directly on children's development.

Example:

Flinders Medical Centre - neonatal unit

We considered full budgeted amount for Direct Programs.

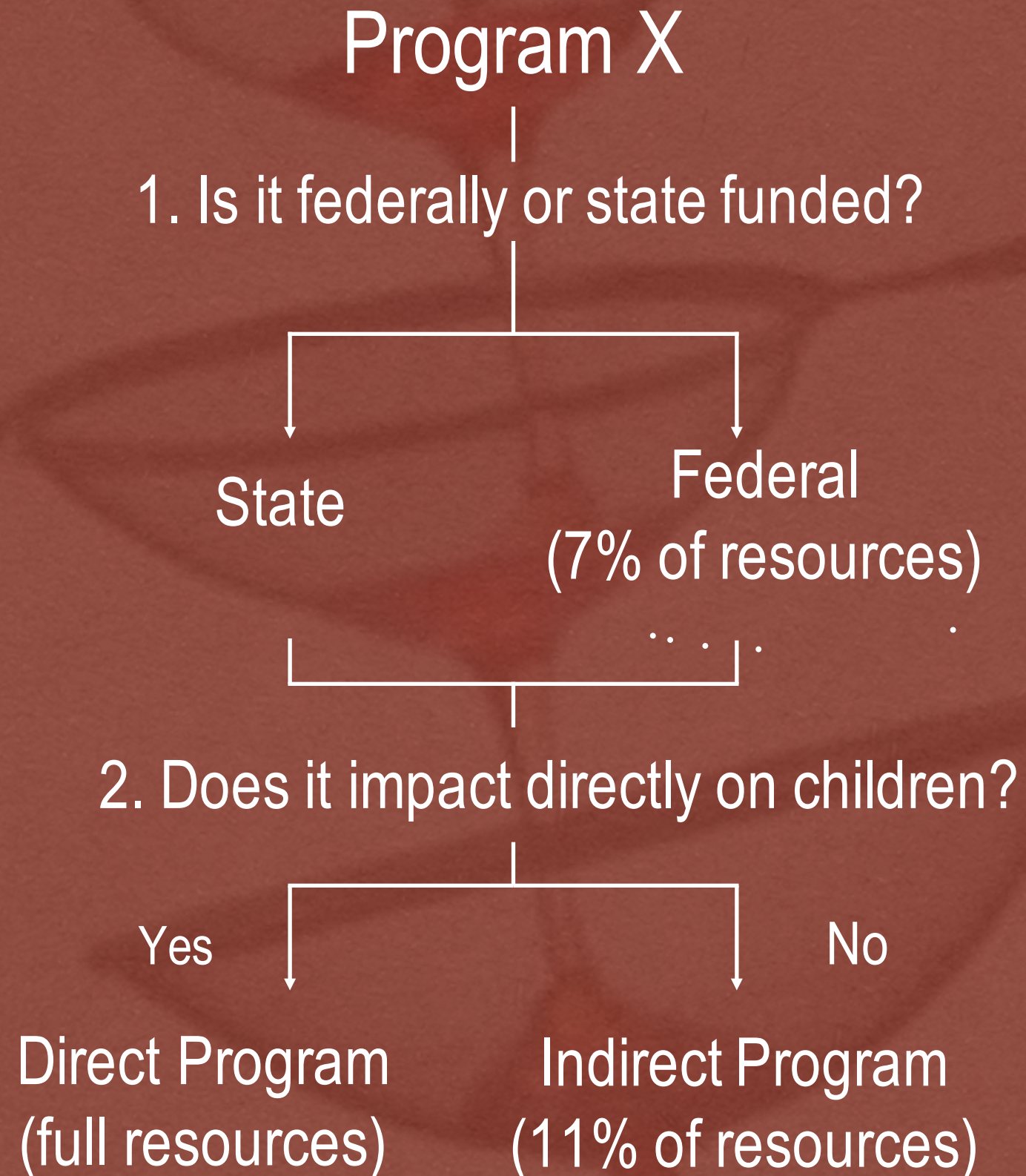
Programs targeted to the whole community that have an indirect impact on children's development.

Example: Immunisation program

We considered a proportion of the budgeted amount for Indirect programs.

Indirect

Research flow



Proportion of
Australian population
living in SA

Proportion of 0-8
Children in Australia

Federal Indirect

Immunisation (Department of Health)

1. Is it federally or state funded?

State

Federal
(7% of resources)

Proportion of
Australian population
living in SA

2. Does it impact directly on children?

Yes

Direct Program
(full resources)

No

Indirect Program
(11% of resources)

Proportion of 0-8
Children in Australia

State Direct

Early childhood development (DECD)

1. Is it federally or state funded?

State

Federal
(7% of resources)

Proportion of
Australian population
living in SA

2. Does it impact directly on children?

Yes

Direct Program
(full resources)

No

Indirect Program
(11% of resources)

Proportion of 0-8
Children in Australia

Formula

Federal
Direct

+

+

State
Direct

+

=

Federal
Indirect

State
Indirect

\$ SPENT IN
CHILDREN'S
DEVELOPMENT IN
SOUTH
AUSTRALIA

Formula

$$\begin{array}{rcl} \$892,210 & & \$236,255 \\ \text{Federal Direct} & & \text{State Direct} \\ + & + & \\ \$967,139 & & \$454,619 \\ \text{Federal Indirect} & & \text{State Indirect} \end{array} = \$2.5 \text{ billion p.a.}$$

\$ SPENT IN CHILDREN'S
DEVELOPMENT IN SOUTH
AUSTRALIA

Government Expenditure in SA Children

GESAC

\$13,995 p.a. per child

GESAC

Government Expenditure
in SA Children

\$13,995

p.a. per child

Direct

44%

VS

Indirect

56%

Federal

73%

VS

State

27%

Child's development
vs Defence

\$4

out of

\$1K

children's development

\$9.6

out of

\$1K

defence projects

Daily expense

\$38

GESAC

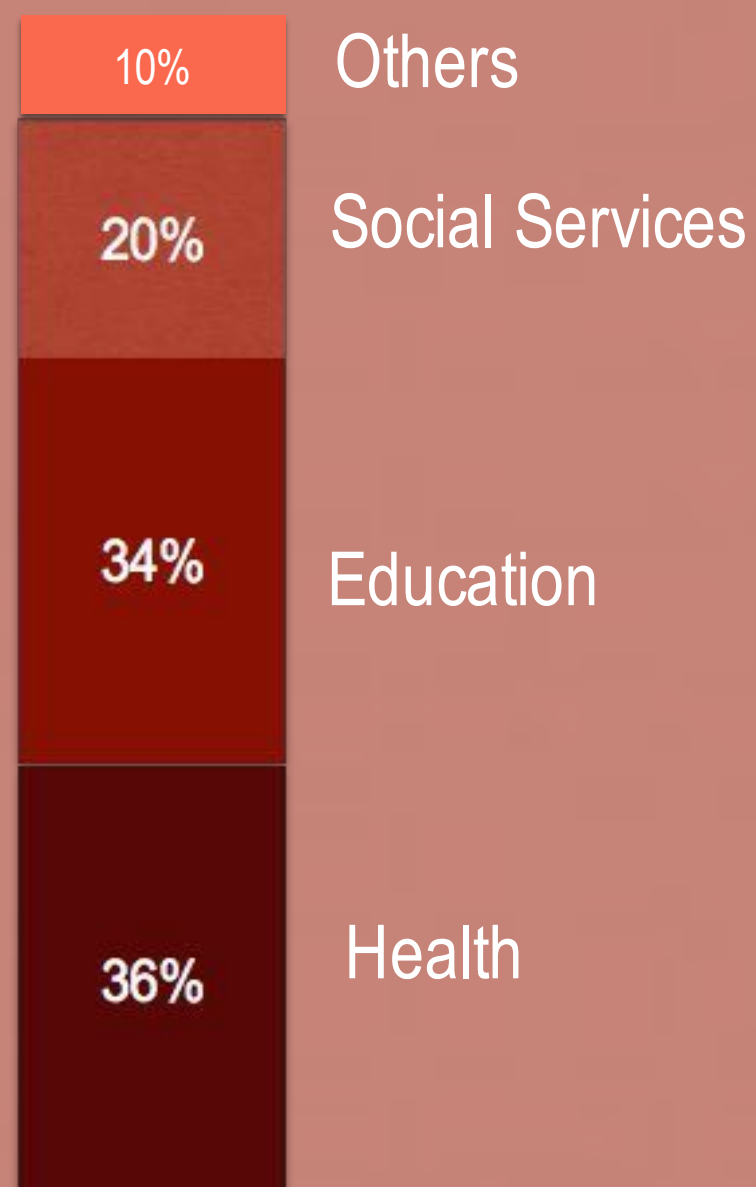
Government Expenditure
in SA Children

\$13,995

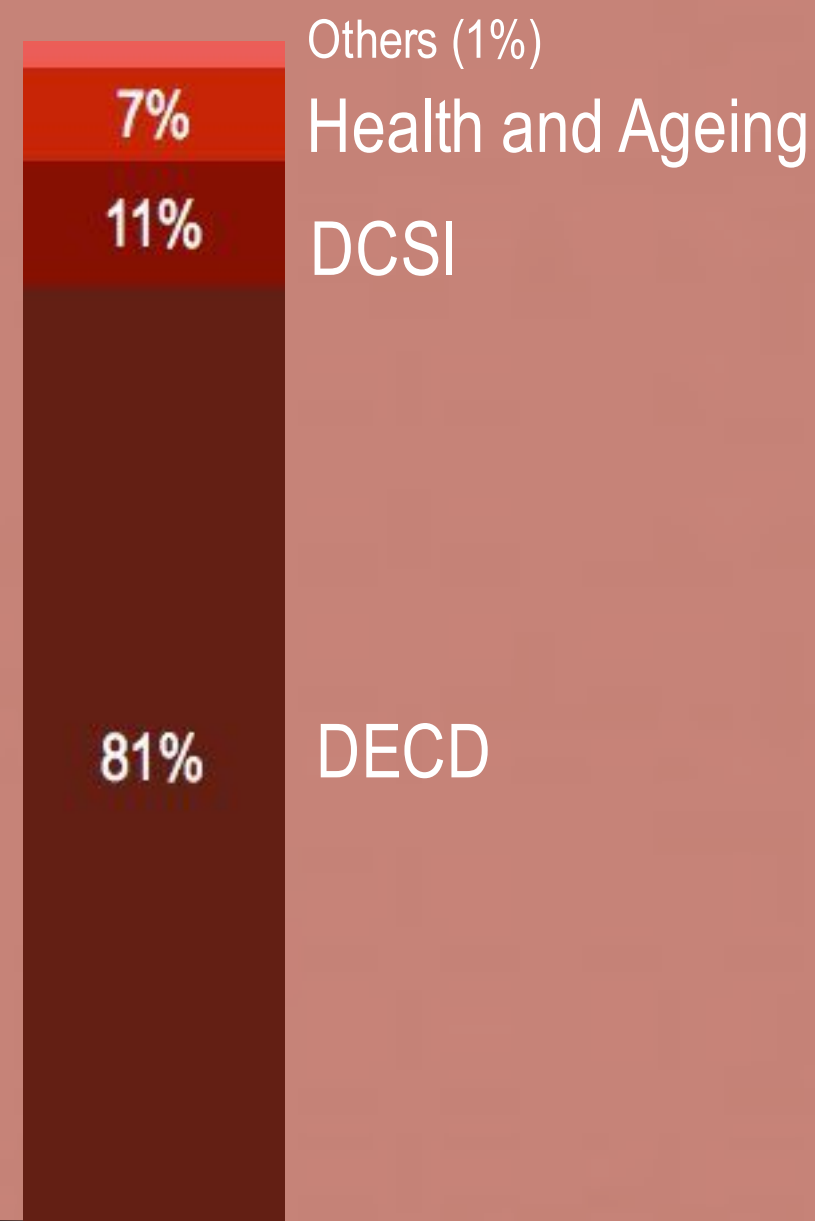
p.a. per child

Top 3 Agencies

Federal



State



What we learned...

Need for evidence based
research within NGO's,
governments and funders

Issues with data
collection

Possible future work



Benchmark SA policies

Economic impact of
social programs

Data analysis for
community services



Creative Industries

Sharing economy impact

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Policy Analysis - Economic Development - Statistical and Data Analysis

Cost Benefit Analysis - Novel Crowdfunding Services

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