

The Menzies School of Health Research

BACKGROUND

Mission

“to improve health outcomes and reduce health inequity for populations in Australia and the Asia-Pacific region, particularly Aboriginal and Torres Strait Islander communities, through excellence and leadership in research, education and capacity development”

Our engagement

To model the costs and benefits of Menzies’ social and economic contribution to the Northern Territory, Australia and the Asia-Pacific.

SUMMARY OF RESULTS

Net Present Value, 2002-2033 (\$2015m)			
	Northern Territory	Australia	Asia Pacific
Costs	\$140.67	\$392.92	\$12.07
Benefits			
Direct economic contribution	\$202.76	\$228.79	
Indirect economic contribution	\$79.61	\$89.53	
Education		\$2.81	
Health benefits	\$26.74	\$344.79	\$436.92
Total benefits	\$309.10	\$665.92	\$436.92
Net benefits	\$168.43	\$273.00	\$424.85
Benefit-cost ratio	2.20	1.69	36.20

ESTIMATING THE BENEFITS

Economic impact

- Direct impact = wages + gross operating surplus
- Indirect impact = value created through expenditure on intermediate inputs
- Direct and indirect employment effects

Education benefits

- Increased productivity (higher lifetime earnings)
- Contributions to knowledge and society

Health benefits

- Reduced prevalence and burden of disease through research
- Disability adjusted life years (DALYs)
- Value of statistical life year (VSLY)

Unquantifiable benefits

- Tobacco control
- Child development and education
- Nutrition
- Kidney disease
- Mental health

Breakdown of health benefits	NT	Australia	Asia Pacific
Malaria		\$0.84	\$436.92
Melioidosis	\$1.44	\$8.10	
Rheumatic heart disease	\$0.84	\$6.71	
Oral disease	\$1.05	\$1.05	
Quality improvement for primary care of chronic disease	\$14.60	\$135.37	
Pyoderma and scabies	\$5.64	\$58.09	
Gestational diabetes	\$0.01	\$0.02	
Protracted bacterial bronchitis	\$1.13	\$91.48	
Cancer research		\$19.17	
Otitis media	\$2.03	\$23.96	
Total health benefits	\$26.74	\$344.79	\$436.92

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