

Supplementary Data

SUPPLEMENTARY TABLE S1. LOGIC MODEL TO DEVELOP BENEFITS

<i>Clinical IDD 1993</i>			<i>Clinical IDD 2019</i>			<i>Benefits 1993–2019</i>		
<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>e</i>	<i>f</i>	<i>g</i>	<i>h</i>	<i>i</i>
Population	TGR %	Baseline cases	Population	Derived TGR %	Endline cases	Improved prevalence	Cases do nothing scenario	Prevented or saved cases
UN population	IGN database	$a \times b$	UN population	IGN database	$d \times e$	$(b - e)/b$	$b \times d$	$h - f$

IDD, iodine deficiency disorders; IGN, Iodine Global Network; TGR, total goiter rate.

SUPPLEMENTARY TABLE S2. LOGIC MODEL AND PARAMETERS TO PROJECT BASELINE ECONOMIC LOSSES

<i>Coefficient of deficit</i>	×	<i>Number affected</i>	×	<i>Labor force participation</i>	×	<i>Median earning</i>	×	<i>Average work-life</i>	<i>Apply NPV</i>	=	<i>Losses to economy</i>
% Earnings deficit: 6.12%		TGR% × # births		%		\$/year: GNI × wage share		15–65 years: 50 years	NPV @3%		NPV \$/year

NPV, net present value.