

### BACKGROUND

Genome BC is a catalyst for the life sciences cluster on Canada's West Coast, and manages a cumulative portfolio of over \$768 million in over 180 research projects and science and technology platforms. The research projects and science and technology platforms in which Genome BC invests are focused on areas of strategic importance, including human health, forestry, fisheries and aquaculture, energy, mining, agriculture and the environment. These investments have helped to deliver economic and social benefits to BC, Canada and regions around the world. Genome BC provides a link between end-users, researchers and funders, and thus ensures genomic efforts are tailored to address issues of economic and social concern.

### ECONOMIC IMPACT ANALYSIS

Genome BC's investments in projects and associated platforms, as well as its centre operations, create economic activity within BC, which, in turn, generates GDP, employment, and tax revenues for all levels of government. In addition, economic impacts are enabled through the spending of additional funds leveraged from other sources as a result of Genome BC's initial investment in projects and associated platforms.

These expenditures create economic impacts at the direct, indirect and induced levels. Direct impacts arise from the initial spending on operating and project-related activities while indirect and induced impacts arise from linkages that exist with suppliers and service providers, as well as through the ripple effects of their spending within the economy.

#### Genome BC's Economic Impacts in BC from 2000 to 2015

	Output	GDP	Jobs (FTEs)*	Federal Tax	Provincial Tax	Municipal Tax
<b>Economic Impacts Created by Genome BC's Investments and Centre Operations</b>						
<b>Direct</b>	\$487,161,895	\$421,759,849	6,727	\$60,286,663	\$22,449,267	\$894,833
<b>Indirect &amp; Induced</b>	\$450,818,543	\$398,962,016	4,968	\$47,770,096	\$23,065,522	\$1,394,289
<b>Total</b>	<b>\$937,980,438</b>	<b>\$820,721,865</b>	<b>11,695</b>	<b>\$108,056,759</b>	<b>\$45,514,789</b>	<b>\$2,289,122</b>
<b>Economic Impacts Enabled by Genome BC's Investments</b>						
<b>Direct</b>	\$373,285,000	\$325,249,383	5,620	\$46,484,905	\$17,226,066	\$608,147
<b>Indirect &amp; Induced</b>	\$347,269,236	\$308,189,541	3,834	\$36,849,581	\$17,783,239	\$1,055,912
<b>Total</b>	<b>\$720,554,236</b>	<b>\$633,438,924</b>	<b>9,454</b>	<b>\$83,334,487</b>	<b>\$35,009,307</b>	<b>\$1,664,059</b>
<b>Total Impacts</b>	<b>\$1,658,534,673</b>	<b>\$1,454,160,788</b>	<b>21,149</b>	<b>\$191,391,245</b>	<b>\$80,524,096</b>	<b>\$3,953,181</b>

\* Direct employment includes staff working in Genome BC's centre operations, individuals employed in projects and associated platforms as well as direct jobs created in front-end suppliers.

