2021 Economic Contribution Report

Note to Reader

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About This Report

Teck provides information about our activities so that communities of interest have an understanding of the economic benefits generated by our mining activities and to provide transparency on our payments to governments. This builds on our long history of providing detail and disclosure on our overall tax and economic contribution.

In this Economic Contribution Report¹ we provide an analysis of the value Teck generated in 2021 for the communities in which we operate. We also include a summary of our government payments by type, country and level of government. This is Teck's sixth Economic Contribution Report, and it complements our annual reporting under the *Extractive Sector Transparency Measures Act* (ESTMA).

This report covers all operations managed by Teck and, where material, corporate offices, exploration projects, development projects, joint venture operations and legacy properties. Data included in this report is from January 1 to December 31, 2021, across our copper, zinc, steelmaking coal, and energy operations and projects in Canada, the United States, Chile and Peru (herein referred to as our global operations). All dollar amounts within this report are in Canadian dollars (CAD), unless otherwise stated.

This study uses an input-output (I-O) methodology² to measure the economic contribution of our global operations in terms of gross domestic product (GDP), labour income, employment and government revenue. This methodology traces how the expenditures and revenues associated with our operations ripple through the economy. It captures not only our direct economic impacts, but also the indirect impacts that arise from generating demand for goods and services provided by our suppliers and the induced impacts that arise from the spending of salaries and wages earned as a result of our operations.

In addition to the economic contribution that our global operations generate, Teck also brings other benefits to the communities located in the regions in which we operate. More information about the contributions to communities that Teck made in 2021 can be found in our 2021 Sustainability Report. The environmental impacts of Teck's operations are not in the scope of the analysis presented in this report.

¹This report was prepared by professional economists from Deloitte's Economic Advisory practice in Canada. The economic impact modelling undertaken to produce the estimates in this report has undergone an extensive quality assurance process to ensure technical accuracy.

² See *Appendix 1: Analytical Framework* and *Appendix 3: Economic Contribution Methodology* for an overview of the I-O methodology employed to measure the economic contribution of Teck's global operations.

Regions in the Scope of the Study

This study examines the economic contribution of Teck's global operations to the following regions:

- Global level: Contribution to the global economy
- National level: Contribution to the economies of Canada, the United States (U.S.), Chile and Peru: the four countries in which our operations and major projects are located
- **Regional level:** Contribution to the economies of Elkford, Sparwood, Fernie, Cranbrook, Crowsnest Pass, the Thompson-Nicola Regional District, Kamloops,¹ Trail and Metro Vancouver in Canada; Alaska in the U.S.; and the Tarapacá Region and Coquimbo Region in Chile we profile these regions as they represent the areas in which our operations and major projects are located within each country

¹ The city of Kamloops is located within the Thompson-Nicola Regional District (herein also referred to simply as Thompson-Nicola). For clarity, the contribution reported for Thompson-Nicola includes the contribution to Kamloops.

At a Glance: Economic Contribution of Teck's Global Operations

Accounting for the direct, indirect and induced effects, the economic contribution at the global and national levels of our global operations include: ^{1,2}

Global Economic Contribution (Page 12) ³

- \$20.1 billion to global GDP
- \$7.3 billion to labour income globally
- \$5.1 billion to government revenues globally
- 214,390 jobs created and/or sustained ⁴

- Economic Contribution to Canada (Page 14)
- \$10.9 billion to GDP

\$2.2 billion to GDP

\$0.8 billion to labour income

- \$3.7 billion to labour income
- \$2.5 billion to government revenues
- 65,360 jobs created and/or sustained

Economic Contribution to the U.S. (Page 20)

\$0.8 billion to government revenues

• 11,620 jobs created and/or sustained

Operations & Major Projects:

Copper

- Highland Valley Copper
- 2 Antamina
- 3 Ouebrada Blanca
- 4 Carmen de Andacollo
- Ouebrada Blanca Phase 2

Zinc

- Red Dog
- Trail Operations

Steelmaking Coal

- Steelmaking Coal Mines in B.C.
 - Fording River
 - Greenhills
 - Line Creek
 - Elkview

Energy

1 Fort Hills ⁵

Producing Operation Development Project

Economic Contribution to Peru (Page 26)

- \$1.4 billion to GDP
- \$0.2 billion to labour income
- \$0.6 billion to government revenues
- 15,510 jobs created and/or sustained

Economic Contribution to Chile (Page 23) • \$3.0 billion to GDP

- \$1.3 billion to labour income
- \$0.7 billion to government revenues
- 82,360 jobs created and/or sustained

¹ Economic contribution was estimated based on Teck's financial and operational data for the 2021 fiscal year. We report data corresponding to all operations managed by Teck on a 100% ownership basis (e.g., for a 97.5%-owned operation, we report 100% of the data). With respect to Antamina in Peru, for which we hold a 22.5% interest, we report data weighted according to our ownership of the operation.

² Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 100 million dollars.

³ Economic contribution to the global economy is inclusive of the economic contribution to Canada, the U.S., Chile and Peru, and also includes the contribution to other countries that experience economic value-added resulting from the demand for materials and services that our global operations generate in supplier industries.
⁴ Throughout this report, Teck's contribution to employment is referred to in terms of jobs created and/or sustained, which refers to the fact that our operations not only contribute to people's ability to find employment, but also to remain employed on an ongoing basis. Jobs are reported based on the residence of the employee.
⁵ As previously disclosed, Teck has entered into an agreement to sell our interest in Fort Hills to Suncor Energy Inc., with closing expected to occur in the first quarter of 2023.

Accounting for the direct, indirect and induced effects, the economic contribution of our operations to local regions include:¹

Local Region	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Elkford (Canada)	\$1,910	\$325	\$8.5	1,825
Sparwood (Canada)	\$1,745	\$335	\$11.5	2,985
Fernie (Canada)	\$15	\$5	\$0.5	1,070
Cranbrook (Canada)	\$70	\$35	\$6.3	1,315
Crowsnest Pass (Canada)	\$15	\$5	\$0.5	700
Thompson-Nicola Regional District (Canada)	\$1,110	\$310	\$24.3	4,395
Kamloops² (Canada)	\$215	\$95	\$8.8	3,215
Trail (Canada)	\$1,110	\$285	\$21.4	3,455
Metro Vancouver (Canada)	\$460	\$305	\$16.9	4,315
Alaska (U.S.)	\$1,075	\$335	\$358.5	4,110
Tarapacá Region (Chile)	\$1,220	\$570	\$6.2	39,265
Coquimbo Region (Chile)	\$360	\$75	\$0.9	2,685

¹ Government revenue is rounded to the nearest 100 thousand dollars. Employment is rounded to the nearest five jobs. All other figures are rounded to the nearest five million dollars.

² Note that the city of Kamloops is located within the Thompson-Nicola Regional District. Accordingly, the contribution reported for Thompson-Nicola includes the contribution to Kamloops.

Introduction

About Teck's Global Operations

Teck is a diversified resource company with global headquarters in Vancouver, Canada. We are engaged in mining and mineral development in Canada, the United States, Chile and Peru, and have business units focused on copper, zinc, steelmaking coal, and energy.

Copper

We are a significant copper producer in the Americas, with four operating mines in Canada, Chile and Peru, and copper development projects in North and South America.

Zinc

We are one of the world's largest producers of mined zinc, with production from an operating mine in Alaska and from the Antamina copper mine in Peru, which has significant zinc co-product production. We also own one of the world's largest fully integrated zinc and lead smelting and refining facilities in British Columbia (B.C.), Canada.

Steelmaking Coal

We are the world's second-largest seaborne exporter of steelmaking coal, with four low-carbon intensity¹ operations in B.C., Canada, that have significant highquality steelmaking coal reserves.

Energy²

We have a 21.3% interest in a producing oil sand mine in Alberta, Canada, that produces a low-carbon intensity³ product.

¹ Carbon intensity in this context refers to the greenhouse gas (GHG) emissions per tonne of product produced (e.g., GHG per tonne of steelmaking coal).

² As previously disclosed, Teck has entered into an agreement to sell our interest in Fort Hills to Suncor Energy Inc., with closing expected to occur in the first quarter of 2023.

³ Carbon intensity in this context refers to the GHG emissions per barrel of product produced (e.g., GHG per barrel of partially upgraded bitumen). Our operations and major projects, all of which are considered within the scope of this study, are:

- Highland Valley Copper: A copper and molybdenum operation located in south-central British Columbia, approximately 55 kilometres southwest of Kamloops, within the Thompson-Nicola Regional District. In 2021, Highland Valley Copper produced 130,800 tonnes of copper and 1.1 million pounds of molybdenum.
- Antamina: A large copper and zinc mine located in the Department of Ancash in northern Peru. In 2021, Antamina produced 445,300 tonnes of copper, 462,200 tonnes of zinc and 4.9 million pounds of molybdenum. We hold a 22.5% interest in the mine. Our partners are BHP plc (33.75%), Glencore plc (33.75%) and Mitsubishi Corporation (10%).





- Quebrada Blanca: A copper mine located in the Tarapacá Region of northern Chile. Mining operations ceased in the fourth quarter of 2018, and mining equipment and personnel have been redeployed to the Quebrada Blanca Phase 2 (QB2) project. The operation is now focused on secondary copper extraction from previous leach piles. In 2021, Quebrada Blanca produced 11,500 tonnes of copper cathode.
- Quebrada Blanca Phase 2 Project (QB2): One of the world's largest undeveloped copper resources, being built by Teck and project partners in the Tarapacá Region of northern Chile. QB2 is expected to have an initial mine life of 28 years, with expected copper production in the range of 170,000 and 300,000 tonnes per year for 2023 to 2025¹ and molybdenum production of between 4 and 13 million pounds per year.
- Carmen de Andacollo: A copper mine, producing both copper and gold, located in the Coquimbo Region of central Chile. In 2021, Carmen de Andacollo produced 43,500 tonnes of copper contained in concentrate, 1,300 tonnes of copper cathode and 35,800 ounces of gold.
- **Red Dog:** One of the world's largest **zinc** mines, producing both zinc and lead, located in northwest Alaska. In 2021, Red Dog produced 503,400 tonnes of zinc and 97,400 tonnes of lead.

- Trail Operations: One of the world's largest fully integrated zinc and lead smelting and refining complexes, located in southern British Columbia within the municipal boundaries of Trail. In 2021, Trail Operations produced 279,000 tonnes of refined zinc, 81,400 tonnes of refined lead and 11.7 million ounces of silver.
- Steelmaking Coal Mines in B.C.: Our steelmaking coal operations in Western Canada which comprise the Fording River, Greenhills, Line Creek and Elkview operations collectively produced 24.6 million tonnes of steelmaking coal in 2021.
 - Fording River: One of Teck's four steelmaking coal operations located in the Elk Valley of British Columbia, within the municipal boundaries of Elkford.
 - **Greenhills:** One of Teck's four **steelmaking coal** operations located in the Elk Valley of British Columbia, within the municipal boundaries of Elkford.
 - Line Creek: One of Teck's four steelmaking coal operations located in the Elk Valley of British Columbia, within the municipal boundaries of Sparwood.
 - Elkview: One of Teck's four steelmaking coal operations located in the Elk Valley of British Columbia, within the municipal boundaries of Sparwood.

2021 Highlights

Our operations produced

- 287,300 tonnes of copper
- 607,400 tonnes of zinc in concentrate
- 279,000 tonnes of refined zinc
- 24.6 million tonnes of steelmaking coal
- 7.3 million barrels of bitumen

\$10.4 billion ir

in total payments to suppliers

(operating and capital expenditures)

• Fort Hills: An oil sands mining and processing operation located in the Athabasca region of Alberta. In 2021, bitumen production from Fort Hills was 34 million barrels. Teck has a 21.3% interest in the Fort Hills Energy Limited Partnership, which owns the Fort Hills oil sands mine, with Total E&P Canada Ltd. and Suncor Energy Inc. holding the remaining interest. As previously disclosed, Teck has entered into an agreement to sell our interest in Fort Hills to Suncor Energy Inc., with closing expected to occur in the first quarter of 2023.

Teck's Operating Expenditures and Capital Investments

During 2021, our 11 operations across Canada, the U.S., Chile and Peru engaged in a range of ongoing operating activities, such as mining, grinding and processing. In addition, we invested in major capital projects, including mine development (such as the QB2 project in Chile), construction of new facilities, exploration, sustaining capital investments, and sustainability initiatives.

In total, Teck's business operations generated approximately \$13.5 billion in revenues, \$8.2 billion in operating expenditures and \$4.0 billion in capital expenditures. This included contributing \$1.8 billion in employee wages and benefits and \$10.4 billion in payments to suppliers across Canada, the U.S., Chile and Peru, among other countries. These operating and capital expenditures ripple through global and national economies to generate a significant economic contribution, including contribution to GDP, employment, labour income and government revenues on a local, national and global scale.

2021 Highlights

- We made payments of \$10.4 billion to suppliers across the world, of which \$5.8 billion in payments were made by our operations in Canada, \$1.2 billion by our operations in the U.S., \$2.9 billion by our operations in Chile and \$0.5 billion by our operations in Peru
- We directly employed **13,720 employees** globally, of which **10,730** resided in Canada, **500** resided in the U.S., **1,840** resided in Chile and **650** resided in Peru

Figure 1: Payment to Suppliers of Teck's Global Operations

(Expressed in CAD millions – based on operation & project location)



Figure 2: Direct Employment of Teck's Global Operations¹

(Expressed in terms of jobs)



🗖 Canada 🔳 U.S. 📄 Chile 🔳 Peru

¹ Chile's employment figure does not include direct employment for the QB2 project. QB2 employed over 23,000 contract workers during 2021, which is captured as indirect employment within this report.

Economic Contribution to the Global Economy

In 2021, Teck's global operations made a significant **direct** contribution to the global economy and to the economies of the countries and regions in which we operate, as well as **indirect** contribution arising from having generated demand for services and products provided by our suppliers, and **induced** contribution arising from the spending of salaries and wages earned as a result of our operations. This page and the following pages summarize our contribution to global, national and local economies.

We estimate that Teck's global operations, during 2021, made payments of **\$10.4 billion to suppliers around the world**, contributed **\$20.1 billion to the global GDP**, of which **\$7.3 billion** was contribution to **labour income**, and created or sustained approximately **214,390 jobs** globally. We also estimate that the economic activity stimulated by our global operations generated **\$5.1 billion in taxes and government revenues** annually to governments across the world at direct, indirect and induced levels of contribution.





We estimate that approximately **\$1.85 of GDP** was generated for the global economy for **every dollar spent** by our global operations, accounting for direct, indirect and induced impacts.

We estimate that **19.7 jobs** were generated or sustained globally for **every million dollars spent** by our global operations, accounting for direct, indirect and induced impacts.

¹ Totals reported on this page may not align due to rounding. Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million dollars.

Summary of Economic Contribution by Site

The following table summarizes the direct economic contribution of each of our operations:¹

Table 2: Direct Economic Contribution of our Operations by Site (CAD millions)

Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
\$3,355	\$515	\$315	3,895
\$845	\$190	\$125	1,525
\$840	\$165	\$30	1,410
\$590	\$100	\$310	435
\$90	\$20	\$25	335 ³
\$295	\$50	\$55	745
\$855	\$60	\$370	620
	Product \$3,355 \$845 \$840 \$590 \$90 \$295	Product (GDP component) \$3,355 \$515 \$845 \$190 \$840 \$165 \$590 \$100 \$90 \$20 \$295 \$50	Product (GDP component) Revenue \$3,355 \$515 \$315 \$845 \$190 \$125 \$840 \$165 \$30 \$590 \$100 \$310 \$90 \$20 \$25 \$295 \$50 \$55

¹ Employment is rounded to the nearest five jobs. All other figures are rounded to the nearest five million dollars.

² Teck's steelmaking coal operations is comprised of the Fording River, Greenhills, Line Creek and Elkview operations.

^a Does not include employment for the QB2 project, which indirectly employed over 23,000 contract workers during 2021.

⁴ When accounting for the economic contribution generated by Antamina, this study considers only Teck's 22.5% interest in the operation.

Economic Contribution to Canada

Teck is headquartered in Vancouver, British Columbia, and, in 2021, owned or had an interest in seven producing operations in Western Canada.¹ This includes four steelmaking coal operations in the Elk Valley of British Columbia. Trail Operations, located in southern British Columbia, is one of the world's largest fully integrated zinc and lead smelting and refining complexes. Highland Valley Copper Operations is Teck's copper and molybdenum mine located in south-central British Columbia. In addition, in 2021, Teck had a 21.3% interest in the Fort Hills oil sands operation in northeast Alberta.

We estimate that Teck's global operations, during 2021, made payments of **\$4.7 billion to Canadian suppliers**, contributed **\$10.9 billion to Canada's GDP**, of which **\$3.7 billion** was contribution to **labour income**, and created or sustained approximately **65,360 jobs across Canada**. We also estimate that the economic activity stimulated by our global operations generated **\$2.5 billion in taxes and government revenues** annually to federal, provincial and municipal governments across Canada at direct, indirect and induced levels of contribution. To put these estimates in perspective, during 2021:

- Our operations' direct GDP contribution is estimated to have accounted for 17% of Canada's mining sector GDP
- We estimate that our operations' direct employees accounted for roughly **14% of Canada's mining sector** employment
- The average annual compensation paid to our direct employees in Canada was approximately \$130,000, 88% higher than the average national compensation



Figure 4: Estimated Economic Contribution of Teck's Global Operations to Canada²

We estimate that approximately **\$1.72 of GDP** was generated for the Canadian economy for **every dollar spent** by our Canadian operations, accounting for direct, indirect and induced impacts. We estimate that **10.3 jobs** were generated or sustained in Canada for **every million dollars spent** by our Canadian operations, accounting for direct, indirect and induced impacts.

¹ As previously disclosed, Teck has entered into an agreement to sell our interest in Fort Hills to Suncor Energy Inc., with closing expected to occur in the first quarter of 2023.

² Totals reported on this page may not align due to rounding. Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million dollars.

Economic Contribution to Elkford

Located in southeastern British Columbia in Canada, Elkford has a population of approximately 2,750. During 2021, our operations **directly employed 810 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$1.9 billion to Elkford's GDP, of which \$325 million was contribution to labour income, and created or sustained approximately 1,825 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$8.5 million in taxes and government payments to Elkford annually.

Economic Contribution to Sparwood

Located in southeastern British Columbia in Canada, Sparwood has a population of approximately 4,150. During 2021, our operations **directly employed 1,000 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$1.7 billion to Sparwood's GDP, of which \$335 million was contribution to labour income, and created or sustained approximately 2,985 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$11.5 million in taxes and government payments to Sparwood annually.

Economic Contribution to Fernie

Located in southeastern British Columbia in Canada, Fernie has a population of approximately 6,300. During 2021, our operations **directly employed 935 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$15 million to Fernie's GDP, of which \$5 million was contribution to labour income, and created or sustained approximately 1,070 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$0.5 million in taxes and government payments to Fernie annually.



Economic Contribution to Cranbrook

Located in southeastern British Columbia in Canada, Cranbrook has a population of approximately 20,500. During 2021, our operations **directly employed 570 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$70 million to Cranbrook's GDP, of which \$35 million was contribution to labour income, and created or sustained approximately 1,315 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$6.3 million in taxes and government payments to Cranbrook annually.

Economic Contribution to Crowsnest Pass

Located in southwestern Alberta in Canada, Crowsnest Pass has a population of approximately 5,700. During 2021, our operations **directly employed 575 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$15 million to Crowsnest Pass' GDP, of which \$5 million was contribution to labour income, and created or sustained approximately 700 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$0.5 million in taxes and government payments to Crowsnest Pass annually.



Economic Contribution to Thompson-Nicola

Located in south-central British Columbia in Canada, the Thompson-Nicola Regional District has a population of approximately 143,500. During 2021, our operations **directly employed 1,525 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$1.1 billion to Thompson-Nicola's GDP, of which \$310 million was contribution to labour income, and created or sustained approximately 4,395 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$24.3 million in taxes and government payments to governments in Thompson-Nicola annually.

Economic Contribution to Kamloops

Located within Thompson-Nicola in Canada, Kamloops has a population of approximately 98,000. During 2021, our operations **directly employed 905 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$215 million to Kamloops' GDP, of which \$95 million was contribution to labour income, and created or sustained approximately 3,215 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$8.8 million in taxes and government payments to Kamloops annually.

Economic Contribution to Trail

Located in southeastern British Columbia in Canada, Trail has a population of approximately 7,900. During 2021, our operations **directly employed 575 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$1.1 billion to Trail's GDP, of which \$285 million was contribution to labour income, and created or sustained approximately 3,455 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$21.4 million in taxes and government payments to Trail annually.

Economic Contribution to Metro Vancouver

Located in southwestern British Columbia in Canada, Metro Vancouver has a population of approximately 2.6 million. During 2021, our corporate headquarters directly employed 890 local residents.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$460 million to Metro Vancouver's GDP, of which \$305 million was contribution to labour income, and created or sustained approximately 4,315 jobs in the community. We also estimate that the economic activity stimulated by Teck's operations generated \$16.9 million in taxes and government payments to governments in Metro Vancouver annually.

In addition to our corporate headquarters, Teck is also a partial owner of Neptune Terminals, a bulk shipping terminal located within Metro Vancouver on the north shore of Burrard Inlet in the Port of Vancouver. In 2021, Neptune Terminals directly employed over 400 local residents and contributed approximately \$458 million in payments to suppliers throughout Metro Vancouver.



Case Study: Teck's Contributions to Economic Development in British Columbia

The natural resource sector, which shapes and defines communities across the province, is a key economic driver for B.C. As part of its stewardship of B.C.'s natural assets, the government of B.C. has stated its goal of strengthening the natural resource sector of the provincial economy, including forestry, mining and energy. In B.C., Teck is a significant driver of the mining sector and a major contributor to economic activity and job creation in the province:

- In B.C., we operate four steelmaking coal operations, one copper and molybdenum operation, and one of the world's largest fully integrated zinc and lead smelting and refining complexes
- Teck is, by revenue, the largest company in B.C. in the natural resources sector¹ and the **third-largest company** overall in the province²
- We directly contribute \$5.2 billion to B.C.'s GDP; in addition, when also accounting for indirect and induced levels of contribution, we estimate that our operations contribute over \$7.2 billion to the provincial GDP

Our employment footprint helps drive economic growth, both in the mining sector and in communities across B.C., including in relatively remote parts of the province.

- We are **one of B.C.'s top employers**, offering exceptional employment and career opportunities³
- In 2021, we estimate that our operations created or sustained over 26,100 jobs in B.C., of which approximately 7,100 people were directly employed by Teck, representing 47% of the province's total employment in the sector; in addition, we paid over \$1.0 billion in wages, salaries and benefits to our B.C. employees, accounting for approximately 49% of the total compensation for all jobs in the mining and quarrying industry in B.C.⁴



¹2022 B.C.'s Biggest Companies by Industry.

² 2021 Top 100 Companies in B.C.

³ 2022 B.C.'s Top Employers.

⁴ Deloitte analysis using information sourced from Statistics Canada CANSIM table 36-10-0489-01.

Another aspect of Teck's contribution to the B.C. government is our financial contributions to the province's revenues through taxes, royalties and fees. These government payments help achieve broad-based policy objectives and fund services that benefit communities across the province.

In 2021, we made **payments to the Government of British Columbia through taxes, royalties and fees that totalled \$524 million**. To illustrate the magnitude of this direct contribution to the province, Teck's 2021 payments to the B.C. government were equivalent in dollar terms to:¹

- Approximately 90% of the total provincial budget for the Ministry of Environment and Climate Change Strategy
- 100% of the total cost of the **new 107-bed patient care tower** at the Royal Inland Hospital in Kamloops, B.C.
- Approximately **80%** of the total costs of the redevelopment of BC Children's Hospital and BC Women's Hospital & Health Centre, which includes expansion of the neonatal intensive care unit and single-room maternity care, and a new Teck Acute Care Centre

Finally, we further support B.C.'s policy priorities by supporting global trade and internationalization by being a key leading commodity exporter from Canada's Pacific coast ports:

• Our operations in the province account for approximately **47% of all commodities transported by rail in British Columbia**, making us B.C.'s single-largest commodity shipper by rail²

Exporting not only supports global supply chains, but also returns to B.C. several forms of payment, such as GST/HST and tariffs, and helps drive prosperity in the province. At the Port of Vancouver — a key strategic infrastructure in B.C. — we pay tenant rents and port user fees, which support the key global gateway. Our exporting contributions also drive an indirect stream of employment in other sectors (e.g., logistics, transportation and other services), which further generates employment and tax revenue in the province.

Taken together, these contributions support the B.C. government in driving economic growth and enable important investments in the community.



¹ Deloitte analysis using information sourced from the Annual Service Plan Reports of the Ministry of Environment and Climate Change Strategy, and the Ministry of Health.

² Deloitte analysis using Teck's production data and data sourced from Statistics Canada CANSIM table 23-10-0062-01 for 2020 (most recent year available).

Economic Contribution to the United States

Teck has one zinc operation in the United States: Red Dog Operations, which is one of the world's largest zinc mines and is located about 170 kilometres north of the Arctic Circle in northwest Alaska. The primary uses of zinc are for galvanizing steel to protect against corrosion, for producing brass and bronze, and in die-casting to produce a wide range of metal products. Zinc can also increase crop yields and crop quality, and it is an essential nutrient in human development and disease prevention.

We estimate that Teck's global operations, during 2021, made payments of **\$1.8 billion to U.S. suppliers**, contributed **\$2.2 billion to the United States' GDP**, of which **\$840 million** was contribution to **labour income**, and created or sustained approximately **11,620 jobs across the United States**. We also estimate that the economic activity stimulated by our global operations generated **\$790 million in taxes and government revenues** annually to federal, state and municipal governments across the United States at direct, indirect and induced levels of contribution.

During 2021, the average compensation paid to our direct employees in the United States was approximately **\$226,000, 117% higher** than the **average national compensation.**



Figure 5: Estimated Economic Contribution of Teck's Global Operations to the United States¹

We estimate that approximately **\$1.91 of GDP** was generated for the United States' economy for **every dollar spent** by our U.S. operations, accounting for direct, indirect and induced impacts. We estimate that **9.9 jobs** were generated or sustained in the United States for **every million dollars spent** by our U.S. operations, accounting for direct, indirect and induced impacts.

¹ Totals reported on this page may not align due to rounding. Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million dollars.

Economic Contribution to Alaska

Located in the northwest extremity of North America, Alaska has a population of approximately 740,000. During 2021, our operations **directly employed 435 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$1.1 billion to Alaska's GDP, of which \$335 million was contribution to labour income, and created or sustained approximately 4,110 jobs in the state. We also estimate that the economic activity stimulated by Teck's operations generated \$359 million in taxes and government payments to state and municipal governments in Alaska annually, which includes \$233 million in royalty payments to the landowner, NANA, an Alaska Native Corporation, in accordance with our operating agreement.



Case Study: The Accelerated Leadership Development Program (ALDP) at Teck's Red Dog Operations

Our Red Dog Operations was developed through an **operating agreement between Teck and the landowner, NANA**, an Alaska Native Corporation owned by the Iñupiat people of northwest Alaska (herein, the NANA shareholders). To further increase shareholder employment levels at Red Dog, particularly in **supervisory** positions, we recognize that management training needs to reflect the cultural context of how leadership and career development is viewed as part of lñupiat values. This approach is implemented at Red Dog through the **Accelerated Leadership Development Program (ALDP)**.



The ALDP curriculum is designed to directly integrate the 17 Iñupiat lļitqusiat values into programming by combining management and career development training with Iñupiat cultural and historical norms for a unique, tailored training experience. For example:

- The program seeks to develop people individually by identifying their own leadership traits, strengths and areas for improvement using psychometric tools and aligning them to their values; the goal is to focus on individual development, not only on career advancement
- Community Elders are important knowledge keepers who serve as teachers, healers, advisors and counsellors in their communities; Elders are **invited to the program** to transmit their leadership traits and to give additional guidance and counsel to participants

Since the implementation of the program, the share of Iñupiat **employees in technical, management or supervisory roles has increased**, **from 23%** in 2019 **to 34%** in 2021. Broader benefits of the program of the program to the development of the region include:

- Helping lñupiat team members develop transferable leadership capabilities: ALDP is designed to support success not only in the mining sector, but also broadly for individual development that team members can take with them throughout their careers, setting them up for future success
- Supporting a trusting relationship between NANA's leaders and Teck's leaders: by aligning our approach to Indigenous value structures, the community is able to see broader values integrated into Red Dog Operations

In addition to the inclusive design of the ALDP, the program's success can be attributed to strong support of Red Dog's senior management team through their hands-on involvement as coaches for the participants, as well as the collective commitment from all levels of the organization. The value of the program is well recognized and is only expected to grow, even beyond the lifetime of the mine.

Leadership informed by Indigenous values has valuable attributes at the individual level, and we have taken steps to create an inclusive and successful leadership program to develop the next generation of Indigenous leaders at Red Dog and in their communities.

Out of all the companies I've ever worked for, Teck is the most committed to employee development and to aligning to their value structure.

Cole Schaeffer, NANA shareholder, Teck employee and creator of the ALDP



Economic Contribution to Chile

Teck's Carmen de Andacollo and Quebrada Blanca operations produce copper — a commodity with increasing importance in meeting the world's growing demand for infrastructure, and one that also is a vital component in the world's transition to a low-carbon economy, including for power generation and transmission, construction, clean technology, and electronics. Quebrada Blanca Phase 2 (QB2), the expansion of Quebrada Blanca Operations, is Teck's major copper growth project currently under construction. Once complete, it will double Teck's annual copper production on a consolidated basis, with an initial mine life of 28 years and significant potential for further growth.

We estimate that Teck's global operations, during 2021, made payments of **\$2.2 billion to Chilean suppliers**, contributed **\$3.0 billion to Chile's GDP**, of which **\$1.3 billion** was contribution to **labour income**, and created or sustained approximately **82,360 jobs across Chile**. We also estimate that the economic activity stimulated by our global operations generated **\$680 million in taxes and government revenues** annually to national, regional and municipal governments across Chile at direct, indirect and induced levels of contribution.

During 2021, the average compensation paid to our direct employees in Chile was approximately **\$83,000** per employee, **five times higher** than the **average national compensation**.



Figure 6: Estimated Economic Contribution of Teck's Global Operations to Chile¹

We estimate that approximately **\$1.05 of GDP** was generated for the Chilean economy for **every dollar spent** by our Chilean operations, accounting for direct, indirect and induced impacts. We estimate that **28.6 jobs** were generated or sustained in Chile for **every million dollars spent** by our Chilean operations, accounting for direct, indirect and induced impacts.

¹ Totals reported on this page may not align due to rounding. Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million dollars.

Economic Contribution to the Tarapacá Region

Located in northern Chile, the Tarapacá Region has a population of approximately 325,000. During 2021, our operations **directly employed 335 local residents** and **indirectly employed over 23,000 contract workers** who supported the construction and development of the QB2 project.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$1.2 billion to Tarapacá's GDP, of which \$570 million was contribution to labour income, and created or sustained approximately 39,265 jobs in the region. We also estimate that the economic activity stimulated by Teck's operations generated \$6.2 million in taxes and government payments to the Tarapacá Region annually.



Economic Contribution to the Coquimbo Region

Located in central Chile, the Coquimbo Region has a population of approximately 742,000. During 2021, our operations **directly employed 745 local residents**.

Accounting for all three levels of contribution, we estimate that, during 2021, Teck's operations contributed \$360 million to Coquimbo's GDP, of which \$75 million was contribution to labour income, and created or sustained approximately 2,685 jobs in the region. We also estimate that the economic activity stimulated by Teck's operations generated \$0.9 million in taxes and government payments to the Coquimbo Region annually.

Case Study: Supporting Chilean Small and Medium-Sized Companies through Our Suppliers Development Program

We work with suppliers around the world to source critical equipment, materials and services that support our projects and operations. In 2021, we made **\$6.8 billion in payments relating to operational spend** to roughly **3,900 suppliers** around the globe. In Chile, when accounting for operational spend and the capital invested in developing the Quebrada Blanca Phase 2 (QB2) project, the value of our supply chain contracts totalled **\$3.0 billion**.

Given that partnerships with Teck can offer suppliers long-term, stable business opportunities — which can enable them to make significant investments of their own, including upgrading infrastructure to scale up operations or adopting technology to improve productivity and sustainability — we have **invested approximately \$540,000 in creating the Suppliers Development Program in Chile** to help small and medium-sized companies develop the capabilities required to become a Teck supplier.

The objective of the program is to work with existing and potential new suppliers, through training workshops and one-on-one engagement, to share the technical, regulatory, and health and safety requirements needed to become a Teck-approved supplier, in particular for QB2. Broader impacts of the program on the economic development of the region include:

- Helping companies to evaluate their readiness: the program assists companies in identifying weaknesses that limit their business options with Teck by supporting them to improve and personalize their offerings, and by providing them with a deeper understanding of the needs of mining companies
- Centralizing procurement: the program helped feed a database of regional suppliers for the mining sector from which Teck and other companies can reach local suppliers, creating an important procurement network for the region

GyG Thomas Safety S.A. (GyG) is one of the participants in the program. GyG is an ISO 9001-certified Chilean company that has been **working with Teck for 30 years**, supplying industrial safety products. GyG participated in the Suppliers Development Program to obtain tools that would position them to better fulfill new needs at the QB2 project.

- The company is based in Iquique, in northern Chile; currently, they are the largest industrial safety company in the region with an annual **revenue of approximately \$9 million**, employing about **100 people**
- The company's mission is to contribute, through their range of safety products, to the protection of their customers' teams on the job

GyG's training by way of our Suppliers Development Program included identifying the company's competitive strengths and weaknesses, participation in business roundtables, technical visits to GyG's installations, and learning about how to comply with contracting and environmental laws relevant to the QB2 project. These activities helped raise GyG's profile with Teck.

María Ignacia Gattoni, Sales Director at GyG, stated that the program has helped GyG to strategize how best to approach new business opportunities with Teck that they did not previously have access to. As a result of the training obtained through the program and the company's continued growth, GyG won their most recent bid for a **\$5 million contract** to supply Teck with approximately 600 of their products. Consequently, GyG's business with Teck has expanded substantially, making **Teck their largest client in the mining sector**.

Teck is one of the few companies that is available for their suppliers to connect, which is fundamental for developing a trusting relationship and for the supplier's growth. What I find most valuable about GyG's relationship with Teck is their trust, their communication and our ability to grow with them.

María Ignacia Gattoni, Sales Director at GyG



25 / Economic Contribution Report

Economic Contribution to Peru

Teck has an interest in one large copper and zinc mine in Peru: Antamina, which is a non-operated joint venture in which Teck holds a 22.5% interest. The open pit mine is located in the Andes mountain range, 270 kilometres north of Lima, Peru, and its deposit is located at an average elevation of 4,200 metres. Antamina has entered into long-term copper and zinc concentrate offtake agreements with affiliates of the Antamina shareholders on market terms. We sell our share of Antamina's copper and zinc concentrates to major smelting and refining companies.

We estimate that Teck's global operations,¹ during 2021, made payments of **\$430 million to Peruvian suppliers**, contributed **\$1.4 billion to Peru's GDP**, of which **\$240 million** was contribution to **labour income**, and created or sustained approximately **15,510 jobs across Peru**. We also estimate that the economic activity stimulated by our global operations generated **\$550 million in taxes and government revenues** annually to national, regional and municipal governments across Peru at direct, indirect and induced levels of contribution.

During 2021, the average compensation paid to Antamina employees in Peru was approximately \$99,000 per employee, 17 times higher than the average national compensation.



Figure 7: Estimated Economic Contribution of Teck's Global Operations to Peru²

We estimate that approximately **\$2.90 of GDP** was generated for the Peruvian economy for **every dollar spent** by our Peruvian operations, accounting for direct, indirect and induced impacts. We estimate that **32.3 jobs** were generated or sustained in Peru for **every million dollars spent** by our Peruvian operations, accounting for direct, indirect and induced impacts.

¹When accounting for the economic contribution generated by the Antamina mine, this study considers only Teck's 22.5% interest in the operation.

² Totals reported on this page may not align due to rounding. Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million dollars.

Appendices

Greenhills Operations, Canada

Appendix 1: Analytical Framework

Study Approach

This study uses an input-output methodology to measure the economic contribution of Teck's global operations in terms of gross domestic product (GDP), labour income, employment, and government revenue. This methodology traces how the expenditures and revenues associated with our global operations ripple through the economy and captures not only the direct economic impacts, but also the indirect impacts (which arise from generating demand for goods and services provided by Teck's suppliers) and the induced impacts (which arise from the spending of salaries and wages earned as a result of our global operations).

The economic contribution estimates included in this study are based on our global operations' revenues and supplier expenditure data, as well as employment and other operational data for the 2021 fiscal year. This is Teck's sixth Economic Contribution Report, and it complements our annual reporting under the *Extractive Sector Transparency Measures Act* (ESTMA).

Economic Contribution Analysis Methodology

This study employs an input-output methodology to estimate the economic contribution, at three levels of impact, of our global operations.

01	02	03
Direct contribution	Indirect contribution	Induced contribution ¹
Directly associated with Teck's global operations. For example, this includes the employment and income of employees directly involved in our 11 operations, as well as the economic value-added that arises from those operations.	Associated with the economic contribution of suppliers due to the demand for goods and services generated by our global operations. For example, this includes economic activity stimulated in the manufacturing, construction and transportation sectors, among others.	Associated with the spending of wages and salaries earned as a result of Teck's global operations and the associated stimulated activity of suppliers. For example, this includes purchases of goods and services at the household level.

The economic contribution of our global operations is measured in terms of:

- Gross domestic product (GDP) or value added is a measure of the total unduplicated value of goods and services produced in the economic territory of a country or region during a given period; GDP includes household income from current productive activities (e.g., wages, salaries and unincorporated business income), as well as profits and other income earned by corporations
- Labour income represents the total earnings of employees (including employees of suppliers), consisting of wages and salaries, as well as supplementary labour income (e.g., employers' contribution to pension funds, employee welfare funds)
- **Employment** refers to the number of jobs created or sustained as a result of our business operations and supplier expenditures; this measure represents the employment contribution associated with Teck's global operations
- Government revenue refers to taxes on products and taxes on production, such as sales tax (e.g., GST), payroll taxes and excise duty; this study also includes royalties, corporate income taxes and personal income taxes associated with Teck's operational activities²

² Appendix 7: 2021 Total Payments to Governments (see pages 35 to 38) provides a comprehensive overview of the overall government payments made by Teck in 2021.

¹ Statistics Canada makes an important note on induced economic contribution: not taking into account induced economic effects underestimates economic contributions because household spending is absent from the model; including induced effects, however, tends to overestimate economic contributions because of the rigid assumptions about consumption (such as fixed expenditure shares relative to incomes). Therefore, economic contribution based on direct and indirect effects alone, and economic contribution based on direct, indirect and induced effects are generally considered as lower and upper bounds of total economic contribution estimates, respectively.

Appendix 2: Definitions of Economic Variables

Direct Contribution	Direct economic contribution represents the economic value-added directly associated with business operations. For example, this includes the employment and income of employees directly involved in the business operations, as well as the associated product, production and income taxes paid.
Indirect Contribution	Indirect economic contribution represents the economic value-added resulting from the demand for materials and services that business operations generate in supplier industries. This represents, for example, economic activity generated in the manufacturing, wholesale trade, transportation and professional service sectors as a result of demand for materials and services generated by the business operations.
Induced Contribution	Induced contribution represents general income effects associated with the expenditure of wages earned as a result of the business operations (capturing the general income effects associated with the company's direct and indirect contribution). For example, this includes the economic activity stimulated by the purchase of goods and services at the household level.
Gross Domestic Product	Gross domestic product (GDP) is a measure of the total unduplicated value of goods and services produced in the economic territory of a country or region during a given period. GDP includes household income from current productive activities (e.g., wages, salaries and unincorporated business income) as well as profits and other income earned by corporations.
Employment	This study measures the employment contribution (i.e., jobs created or sustained in a given region) of business operations and supplier expenditures. At the direct level, the contribution to employment captures employees on the company's payroll. At the indirect level, the contribution captures the creation or maintenance of jobs arising from the demand for goods and services generated in supplier industries by the company's expenditures. At the indirect level, the creation or maintenance of jobs generated through the spending of income earned by households as a result of the company's direct and indirect contribution.
Labour Income	Labour income represents the total earnings of employees (including employees of suppliers to the projects), consisting of wages and salaries, as well as supplementary labour income (e.g., employers' contributions to pension funds, employee welfare funds). Labour income is defined as the wages, salaries and supplementary income realized with respect to the geographic location of the labourers' activity (i.e., place of employment). At the direct level, the contribution to labour income captures the wages, bonuses and benefits paid by the company to its direct employees. At the indirect level, the contribution captures the wages, bonuses and benefits associated with the jobs created or maintained in supplier industries as a result of the company's expenditures. At the induced level, it captures the wages, bonuses and benefits associated with the jobs created or maintained by households as a result of the company's direct and indirect contribution.
Government Revenue	This study measures all components of government revenue for the regions under analysis. The estimated government revenue contribution includes product taxes and production taxes (e.g., sales tax, payroll taxes and excise duty), as well as corporate income taxes and personal income taxes. At the direct level, the contribution to government revenue captures the tax and government payments made directly by the company. At the indirect level, the contribution captures the tax and government payments payments associated with the demand for goods and services generated in supplier industries by the company's expenditures. At the induced level, the contribution captures the tax and government payments associated with the spending of income earned by households as a result of the company's direct and indirect contribution.

Appendix 3: Economic Contribution Methodology

Introduction to Input-Output Models

Input-output (I-O) models are used to simulate the economic impact of an expenditure on a given basket of goods and services or on the output of one of several industries.

Input-output analysis uses data on the flow of goods and services among various sectors of the economy, and attempts to model how an expenditure, increase in demand, or investment ripples through a region's economy. This is done by mapping the production of products and services by each industry and by identifying the intermediate inputs used in the production of each final product or service used by consumers, sold as an export or purchased by governments.

The model can then aggregate all of the employment and value-added impacts generated in the supply chain as commodities are produced. I-O models also consider the role of imports, which tie the supply chain to the global economy. This data is combined into a single model of the economy that can be solved to determine how much additional production is generated by a change in the demand for one or more commodities, or by a change in the output of an industry.

Assumptions and Limitations of Input-Output Models

The I-O model is subject to a number of general assumptions and limitations. The model reflects a simplified macroeconomic structure, and does not include some variables of interest for macroeconomic analysis such as interest rates, unemployment rates or income tax rates. The model assumes that the relevant economy has the capacity to produce the goods and services stimulated by the economic shock. The model is not able to forecast situations in which demand may outpace the capacity to produce the required goods and services; however, it does estimate the portion of goods and services sourced from other regions of the country and internationally. The model makes a basic underlying assumption that the number of jobs created maintains a linear relationship with short-term gross output. This approach can be considered sound if the value and quantity measures are for the same year and the analysis is focusing on the structure of the economy for that same year. When used for projecting beyond the I-O model year, the relationship between values and quantities may be impacted by price variations. Location quotients-which refer to the quantification of how concentrated a particular industry is in a sub-region as compared to the country-were used to estimate the indirect and induced economic contribution to subregions; in some cases, this may result in estimates that may not fully align with other data sources.

Appendix 4: Summary of Economic Contributions in Local Currencies

Economic Contribution of our Operations in U.S. Dollars^{1,2}

Table 3: Total Economic Contribution of our Operations at the Global and National Levels (USD millions)

Country	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Global	\$15,900	\$5,730	\$4,000	214,390
Canada	\$8,620	\$2,890	\$1,990	65,360
United States	\$1,770	\$670	\$630	11,620
Chile	\$2,390	\$1,000	\$540	82,360
Peru	\$1,100	\$190	\$430	15,510

Table 5: Direct Economic Contribution of our Operations by Site (USD millions)

Operation	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Steelmaking Coal Operations ⁴ (Canada)	\$2,650	\$405	\$250	3,895
Highland Valley Copper (Canada)	\$670	\$150	\$100	1,525
Trail (Canada)	\$665	\$130	\$25	1,410
Red Dog (United States)	\$465	\$80	\$245	435
Quebrada Blanca (Chile)	\$70	\$20	\$20	3355
Carmen de Andacollo (Chile)	\$235	\$40	\$40	745
Antamina ⁶ (Peru)	\$675	\$45	\$290	620

Table 4: Total Economic Contribution of our Operations to Local Regions (USD millions)

Local Region	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Elkford (Canada)	\$1,510	\$255	\$6.7	1,825
Sparwood (Canada)	\$1,380	\$265	\$9.1	2,985
Fernie (Canada)	\$10	\$5	\$0.4	1,070
Cranbrook (Canada)	\$55	\$30	\$5.0	1,315
Crowsnest Pass (Canada)	\$10	\$5	\$0.4	700
Thompson-Nicola Regional District (Canada)	\$880	\$245	\$19.2	4,395
Kamloops ³ (Canada)	\$170	\$75	\$7.0	3,215
Trail (Canada)	\$875	\$225	\$16.9	3,455
Metro Vancouver (Canada)	\$365	\$240	\$13.4	4,315
Alaska (U.S.)	\$850	\$265	\$283.3	4,110
Tarapacá Region (Chile)	\$965	\$450	\$4.9	39,265
Coquimbo Region (Chile)	\$285	\$60	\$0.7	2,685

¹ Economic contribution estimates are translated using the closing spot rate on December 31, 2021. Exchange rate used for translation per \$1 Canadian dollar is: USD 1.2656.

² Table 3: Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million dollars. Table 4: Government revenue is rounded to the nearest five jobs. All other figures are rounded to the nearest 10 million dollars. Table 5: Employment is rounded to the nearest five jobs. All other figures are rounded to the nearest 10 million dollars. Table 5: Employment is rounded to the nearest five jobs. All other figures are rounded to the nearest five million dollars.

³ Note that the city of Kamloops is located within the Thompson-Nicola Regional District. Accordingly, the contribution reported for Thompson-Nicola includes the contribution to Kamloops.

⁴ Teck's steelmaking coal operations is comprised of the Fording River, Greenhills, Line Creek and Elkview operations.

⁵ Does not include employment for the QB2 project, which indirectly employed over 23,000 contract workers during 2021.

⁶ When accounting for the economic contribution generated by Antamina, this study considers only Teck's 22.5% interest in the operation.

Economic Contribution of our Operations in Chilean Pesos^{1,2}

Table 6: Total Economic Contribution of our Operations at the Global , National and Regional Levels (CLP billions)

Region	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Global	CLP 13,410	CLP 4,840	CLP 3,380	214,390
Chile	CLP 2,020	CLP 840	CLP 450	82,360
Tarapacá Region (Chile)	CLP 815	CLP 380	CLP 4.2	39,265
Coquimbo Region (Chile)	CLP 240	CLP 50	CLP 0.6	2,685

Table 7: Direct Economic Contribution of our Operations by Site (CLP billions)

Operation	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Quebrada Blanca (Chile)	CLP 60	CLP 15	CLP 15	335 ³
Carmen de Andacollo (Chile)	CLP 200	CLP 30	CLP 35	745

Economic Contribution of our Operations in Peruvian Soles^{4,5}

Table 8: Total Economic Contribution of our Operations at the Global and National Levels (PEN millions)

Region	Gross Domestic Product	Labour Income (GDP component)	Government Revenue	Employment (Annual average jobs)
Global	PEN 63,380	PEN 22,860	PEN 15,960	214,390
Peru	PEN 4,390	PEN 760	PEN 1,730	15,510

Table 9: Direct Economic Contribution of our Operations by Site (PEN millions)

Operation	Gross Domestic	Labour Income	Government	Employment
	Product	(GDP component)	Revenue	(Annual average jobs)
Antamina ⁶ (Peru)	PEN 2,685	PEN 190	PEN 1,160	620

¹ Economic contribution estimates are translated using the closing spot rate on December 31, 2021. Exchange rate used for translation per \$1 Canadian dollar is: CLP 0.0015.

² Table 6 (Global and Chile): Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest five billion pesos. Table 6 (Tarapacá Region): Government revenue is rounded to the nearest 100 million pesos. Table 7: Employment is rounded to the nearest five jobs. All other figures are rounded to the nearest five billion pesos.

³ Does not include employment for the QB2 project, which indirectly employed over 23,000 contract workers during 2021.

⁴ Economic contribution estimates are translated using the closing spot rate on December 31, 2021. Exchange rate used for translation per \$1 Canadian dollar is: PEN 0.3174.

⁵ Table 8: Employment is rounded to the nearest 10 jobs. All other figures are rounded to the nearest 10 million soles. Table 9: Employment is rounded to the nearest five jobs. All other figures are rounded to the nearest five million soles.

⁶ When accounting for the economic contribution generated by Antamina, this study considers only Teck's 22.5% interest in the operation.

Appendix 5: Approach to Transparency and Tax

Mining is a capital-intensive business. Significant initial capital investment is required to construct a mine, and it can take many years to generate a return on investment. We believe in and are supportive of paying legislated taxes on profits in the country where value is created over the course of the mining life cycle. We advocate for tax systems that consider the long-term contribution from the mining industry, that are effective and competitive, and that support economic growth, job creation and sustainable tax contributions. Our approach to taxation is aligned with our Code of Ethics and our Approach to Business and Sustainability, and is outlined in our Tax Policy. Our Tax Policy commits us to be compliant, transparent, cooperative and ethical in all tax matters. We undertake tax planning in full compliance with applicable laws and tax policy in relation to matters that arise in the ordinary course of Teck's business. We do not engage in tax planning that relies on the nondisclosure of activity or ownership in tax havens or secrecy jurisdictions. We seek to build open and trusting relationships with the tax authorities in all jurisdictions in which we operate. We engage constructively in national and international dialogue with governments, business groups and civil society to support the development of effective tax systems, legislation and administration.

We voluntarily provide information on our income and resource tax payments in our principal operating countries on a country-by-country basis in our Annual Sustainability Report and have done so since 2006. Our full country-by-country tax payments aligned to the Global Reporting Initiative (GRI) Tax Standard are available in our Sustainability Performance Data spreadsheet. Our other (or "non-tax") payments to governments are also reported to the Canadian government by country and on a project-by-project basis as required under the *Extractive Sector Transparency Measures Act* (ESTMA), and are available on the Annual Regulatory Filings page of our website.

Teck is a member of the Extractive Industries Transparency Initiative (EITI), which is a voluntary global initiative that promotes transparency in payments to governments and revenues for extractive industries. We engage in and support the work being done by EITI to fight financial corruption and adhere to the Expectations of EITI supporting companies. EITI's assessment of Teck's adherence to the Expectations of EITI supporting companies, and the summary of results is publicly available on the EITI website. Our aim is to clearly disclose our payments to governments and to highlight our role in providing social and economic benefits in the areas where we operate.

Appendix 6: Our Tax Policy

Our Tax Policy, updated in 2020, which commits us to be compliant, transparent, cooperative and ethical in all tax matters, is composed of the following 12 points:

1. The success of Teck's business depends on our ability to create value in a way that meets the needs of the company, our shareholders, communities and stakeholders, while accounting for the broader environmental, social and economic context in which we operate. Operating in accordance with Teck's Code of Ethics and complying with both the spirit and letter of applicable local laws, including tax laws, is a fundamental part of our commitment to the communities in which we operate. This Tax Policy aligns our approach to tax matters with our approach to sustainability generally.

2. Taxes are a material cost of our business and the timely compliance with all tax obligations, the timely payment of all taxes and the accurate provision for tax in our financial statements are an important part of our obligations to stakeholders and to the communities in which we operate.

3. In all tax matters we are compliant, transparent, cooperative and ethical. We file all required tax returns and information slips on an accurate and timely basis. We pay our taxes on time and in full.

4. We respond openly and fully on a timely basis to all government requests for information pertaining to our legal structure, our financial results and our taxes in the course of their audits. We do not engage in tax planning that relies on the non-disclosure of activity or of ownership in tax havens or secrecy jurisdictions.

5. We actively engage with the tax authorities of the jurisdictions in which we operate. We seek to build open and trusting relationships with them, building on the common interest we have with the authorities in efficiently reaching a timely and accurate determination of our financial responsibilities for taxes. Disputes, when they occur, are resolved through statutory processes based on full disclosure and legal principles. Where possible, we will reach an agreed statement of relevant facts.

6. We monitor tax planning to ensure it does not create inappropriate financial risk and is consistent with our commitment to communities. We undertake tax planning in accordance with the commercial substance of our business activities. We undertake tax planning in full compliance with applicable laws and tax policy in relation to matters that arise in the ordinary course of our business. We seek to comply with both the letter and intent of the relevant laws. We pay tax where value is created in the normal course of our business. 7. The tax consequences of material transactions are the subject of written analysis supported, where appropriate, by written external opinions and/or local government authority advance tax rulings. We value certainty and compliance in our tax affairs and seek to minimize the financial and reputational risk associated with our tax affairs.

8. Material transfers of goods and services between Teck and its subsidiaries are effected at arm's-length prices and on arm's-length terms in accordance with the substance of the commercial transaction and in compliance with international transfer pricing standards such as the Organisation for Economic Co-operation and Development (OECD) guidelines. Contemporary documentation is prepared and made available to the tax authorities on request.

9. We have a limited presence in offshore financial centres. Our activities in any such jurisdictions are fully disclosed to all relevant tax authorities in accordance with applicable law, are conducted on arm's-length terms in accordance with applicable transfer pricing rules, are related to the ordinary course and commercial substance of our business and are fully compliant with the tax laws and policy applicable in all relevant jurisdictions.

10. Where there is a clear, unambiguous and material error in a filed tax return, we will disclose the error to the relevant tax authority if the error is discovered before the completion of the relevant tax audit cycle.

11. We engage constructively in national and international dialogue with governments, business groups and civil society to support the development of effective tax systems, legislation and administration.

12. This Tax Policy is reviewed annually by the Vice President, Tax and presented annually to the Audit Committee of Teck's Board. This Tax Policy is annually circulated to and reviewed by all members of the Tax Group at Teck. The Vice President, Tax, is responsible for ensuring compliance with this Tax Policy and reports regularly to the Chief Financial Officer and to the Audit Committee of Teck's Board.

Appendix 7: 2021 Total Payments to Governments

Payments Made by Country and Level of Government

		P	ayments as De	fined by ESTMA	1			Additional F	Payments				
(CAD thousands)	Taxes	Royalties	Fees	Dividends	Infrastructure Improvement Payments	Total Payments as Defined by ESTMA	Taxes	Royalties	Fees	Other Payments	Total Payments to Governments	Employee Withholding (Collected)	
Government of British Columbia	397,390	-	7,410	-	-	404,800	1,290	-	4,230	113,540	523,860	-	
Government of Canada	-	-	570	-	-	570	500	-	-	44,630	45,700	101,130	
Government of Alberta	2,720	-	1,300	-	-	4,020	-	14,630	780	290	19,720	-	
City of Trail	-	-	-	-	-	-	11,750	-	-	280	12,030	-	
Municipality of Wood Buffalo	-	-	-	-	-	-	11,710	-	-	-	11,710	-	
District of Sparwood	6,630	-	240	-	750	7,620	-	-	-	-	7,620	-	
District of Elkford	6,580	-	-	-	-	6,580	-	-	-	-	6,580	-	
Ktunaxa Nation Council	-	1,410	3,320	-	-	4,730	-	-	-	200	4,930	-	
Citxw Nlaka'pamux Assembly	-	-	4,630	-	-	4,630	-	-	-	-	4,630	-	
District of Logan Lake	3,260	-	-	-	-	3,260	-	-	-	-	3,260	-	
Nlaka'pamux Nation Tribal Council	-	-	2,960	-	-	2,960	-	-	-	-	2,960	-	
BCIT Foundation	-	-	-	-	-	-	-	-	-	2,750	2,750	-	
Lower Nicola Indian Band	-	-	2,660	-	-	2,660	-	-	-	-	2,660	-	
United Nations	-	-	-	-	-	-	-	-	-	2,500	2,500	-	
Fort McKay First Nation	-	-	1,180	-	-	1,180	-	-	-	-	1,180	-	
Stk'emlupsemc Te Secwepemc Nation	-	-	850	-	-	850	-	-	-	-	850	-	
City of North Vancouver	-	-	-	-	-	-	540	-	-	-	540	-	
Regional District of Central Kootenay	-	-	-	-	-	-	-	-	-	290	290	-	
District of Tumbler Ridge	250	-	-	-	-	250	-	-	-	-	250	-	
Mikisew Cree First Nation	-	-	220	-	-	220	-	-	-	-	220	-	
City of Kimberley	200	-	-	-	-	200	-	-	-	-	200	-	
Ermineskin Cree Nation	-	200	-	-	-	200	-	-	-	-	200	-	
Whitefish Lake First Nation	-	200	-	-	-	200	-	-	-	-	200	-	
Tahltan Nation	-	-	190	-	-	190	-	-	-	-	190	-	
University of British Columbia	-	-	-	-	-	-	-	-	-	170	170	-	
City of Richmond	-	-	-	-	-	-	160	-	-	-	160	-	
Métis Nation of Alberta Region 1	-	-	160	-	-	160	-	-	-	-	160	-	
Simon Fraser University	-	-	-	-	-	-	-	-	-	150	150	-	
Yellowhead County	130	-	10	-	-	140	-	-	-	-	140	-	
Lakeland Métis	-	-	130	-	-	130	-	-	-	-	130	-	
Shuswap Indian Band	-	-	130	-	-	130	-	-	-	-	130	-	
Fort McMurray First Nation	-	-	120	-	-	120	-	-	-	-	120	-	
Kanaka Bar Indian Band	-	-	120	-	-	120	-	-	-	-	120	-	
Alexis Nakota Sioux Nation	-	-	100	-	-	100	-	-	-	-	100	-	
Canada Total	417,160	1,810	26,300	-	750	446,020	25,950	14,630	5,010	164,800	656,410	101,130	
Government of Peru	354,310	-	5,260	-	8,750	368,320	-	-	-	2,670	370,990	19,000	
Peru Total	354,310	-	5,260	-	8,750	368,320	-	-	-	2,670	370,990	19,000	
NANA Regional Corporation	-	-	-	-	-	-	-	232,610	1,360	-	233,970	-	
Government of United States	51,260	-	110	-	-	51,370	-	-	-	9,060	60,430	25,550	
State of Alaska	23,120	-	590	-	-	23,710	-	-	-	35,400	59,110	-	



35 / Economic Contribution Report

Payments Made by Country and Level of Government (continued)

			Payments as De	fined by ESTMA	\			Additional	Payments				
(CAD thousands)	Taxes	Royalties	Fees	Dividends	Infrastructure Improvement Payments	Total Payments as Defined by ESTMA	Taxes	Royalties	Fees	Other Payments	Total Payments to Governments	Employee Withholding (Collected)	
District of Northwest Arctic Borough	41,780	-	-	-	-	41,780	-	-	-	-	41,780	-	
State of Washington	-	-	-	-	-	-	-	-	-	970	970	-	
Native Village of Kivalina	-	-	710	-	-	710	-	-	-	-	710	-	
State of Texas	380	-	-	-	-	380	-	-	-	-	380	-	
State of California	350	-	-	-	-	350	-	-	-	-	350	-	
State of Minnesota	-	-	180	-	-	180	-	-	-	-	180	-	
State of Ohio	-	-	-	-	-	-	-	-	-	170	170	-	
City of St. Louis	-	-	160	-	-	160	-	-	-	-	160	-	
State of Arizona	-	-	130	-	-	130	-	-	-	-	130	-	
State of Oregon	-	-	-	-	-	-	-	-	100	-	100	-	
United States Total	116,890	-	1,880	-	-	118,770	-	232,610	1,460	45,600	398,440	25,550	
Government of Chile	74,570	-	3,370	12,530	-	90,470	20,330	-	-	13,350	124,150	16,580	
Municipality of Pica	1,240	-	930	-	-	2,170	-	-	-	-	2,170	-	
Quechua Indigenous Community of Huatacondo	-	-	1,730	-	-	1,730	-	-	-	-	1,730	-	
Municipality of Las Condes	750	-	-	-	-	750	-	-	-	-	750	-	
Servicio Nacional de Aduanas	-	-	-	-	-	-	-	-	-	750	750	-	
Municipality of Andacollo	610	-	-	-	-	610	-	-	-	-	610	-	
Salar de Coposa Aymara Indigenous Association	-	-	560	-	-	560	-	-	-	-	560	-	
Nascent Collahuasi Aymara Indigenous Association	-	-	350	-	-	350	-	-	-	-	350	-	
Sallihuinca Indigenous Association	-	-	320	-	-	320	-	-	-	-	320	-	
Municipality of Pozo Almonte	240	-	-	-	-	240	-	-	-	-	240	-	
Consejo Consultivo de Salud Andacollo	-	-	-	-	-	-	-	-	-	170	170	-	
Wilamasi Indigenous Association of Mamaq'Uta Fishermen, Caleta Chanavaya	-	-	170	-	-	170	-	-	-	-	170	-	
Yatin UTA Matilla's Indigenous Association	-	-	170	-	-	170	-	-	-	-	170	-	
Quechua Indigenous Community of Ollagüe	-	-	120	-	-	120	-	-	-	-	120	-	
Copaquire Livestock Indigenous Association	-	-	100	-	-	100	-	-	-	-	100	-	
Chile Total	77,410		7,820	12,530		97,760	20,330			14,270	132,360	16,580	
Northern Territory Government	-	-	360	-	-	360	-	-	-	-	360	-	
Government of Western Australia	-	-	-	-	-	-	-	-	-	130	130	-	
Government of Australia	-	-	-	-	-	-	-	-	-	-	-	890	
Australia Total			360			360				130	490	890	
Government of Mexico	-	-	300	-	-	300	-	-	-	-	300	-	
Mexico Total	-	-	300	-	-	300	-	-	-	-	300	-	
Government of Turkey	-	-	210	-	-	210	2,520	-	-	110	2,840	380	
Turkey Total	-	-	210	-	-	210	2,520	-	-	110	2,840	380	
Government of Ireland	-	-	-	-	-	-	-	-	-	430	430	380	
Ireland Total	-	-	-	-	-	-	-	-	-	430	430	380	
Grand Total	965,770	1,810	42,130	12,530	9,500	1,031,740	48,800	247,240	6,470	228,010	1,562,260	163,910	

(1) Payments denominated in a foreign currency are translated using the closing spot rate on December 31, 2021. Exchange rates used for translation per \$1 Canadian dollar are as follows: PEN 0.3174; USD 1.2656; CLP 0.0015; AUD 0.9198; MXN 0.0618; TRY 0.0957. (2) Total 2021 net refunds from governments on income and resource taxes, indirect taxes and infrastructure improvement payments were \$41 million. These refunds were not included in the table above.

(3) Teck publicly reports on payments to governments in the countries where we operate, as required under the Canadian Extractive Sector Transparency Measures Act (ESTMA). See our 2021 ESTMA disclosure on the Annual Regulatory Filings Archive page.

Payments Made by Country and on a Project-by-Project Basis

		Р	ayments as Dei	fined by ESTMA	4			Additional I	Payments		1		
(CAD thousands)	Taxes	Royalties	Fees	Dividends	Infrastructure Improvement Payments	Total Payments as Defined by ESTMA	Taxes	Royalties	Fees	Other Payments	Total Payments to Governments	Employee Withholding (Collected)	
Highland Valley Copper	100,960	-	11,960	-	-	112,920	-	-	-	24,620	137,540	47,310	
Elkview	118,550	-	770	-	-	119,320	-	-	-	4,000	123,320	-	
Corporate Office - Coal	13,240	1,410	5,030	-	750	20,430	-	-	-	77,240	97,670	-	
Fording River	85,810	-	2,480	-	-	88,290	-	-	-	8,050	96,340	-	
Greenhills	72,150	-	500	-	-	72,650	-	-	-	2,720	75,370	-	
Trail	-	-	-	-	-	-	13,050	-	4,230	28,310	45,590	49,070	
Fort Hills	-	-	-	-	-	-	11,660	14,630	780	-	27,070	-	
Line Creek	23,030	-	1,390	-	-	24,420	-	-	-	2,320	26,740	-	
Head Office - Canada	100	-	80	-	-	180	650	-	-	15,820	16,650	2,400	
Cardinal River	2,540	400	1,040	-	-	3,980	-	-	-	260	4,240	-	
Frontier	210	-	2,150	-	-	2,360	50	-	-	-	2,410	-	
Neptune Bulk Terminals	-	-	-	-	-	-	540	-	-	1,410	1,950	2,350	
Quintette	100	-	390	-	-	490	-	-	-	-	490	-	
Sullivan	270	-	70	-	-	340	-	-	-	-	340	-	
Coal Mountain	-	-	180	-	-	180	-	-	-	50	230	-	
Galore Creek	20	-	200	-	-	220	-	-	-	-	220	-	
Bullmoose	140	-	50	-	-	190	-	-	-	-	190	-	
Canada Total	417,120	1,810	26,290	-		445,970	25,950	14,630	5,010	164,800	656,360	101,130	
Antamina Zafranal	354,300 10	-	4,270 820	-	8,750	367,320 830	-	-	-	2,530 140	369,850 970	18,140 350	
Peru Exploration Properties	-	-	170	-	-	170	-	_	-	140	170	470	
Corporate Office - Peru		_	1/0	_	-	-			_		-	470	
Peru Total	354,310	-	5,260	_	8,750	368,320	_	_	-	2,670	370,990	19,000	
Red Dog	50,630	_	1,200	_		51,830	-	232,610	1,360	42,920	328,720	22,150	
Corporate Office - U.S.	66,260	-	130	-	-	66,390	-	-	-	2,020	68,410	2,310	
Pend Oreille	-	-	-	-	-	-	-	-	100	660	760	1,090	
Mesaba	-	-	340	-	-	340	-	-	-	-	340		
U.S. Exploration Properties	-	-	90	-	-	90	-	-	-	-	90		
Copper Hill	-	-	70	-	-	70	-	-	-	-	70	-	
Narrows	-	-	60	-	-	60	-	-	-	-	60	-	
United States Total	116,890	-	1,890	-	-	118,780	-	232,610	1,460	45,600	398,450	25,550	
Carmen de Andacollo	57,930	-	600	12,530	-	71,060	-	-	-	920	71,980	2,410	
Corporate Office - Chile	16,330	-	-	-	-	16,330	10,380	-	-	7,750	34,460	10,000	
Quebrada Blanca	2,460	-	7,230	-	-	9,690	9,950	-	-	5,600	25,240	3,810	
NuevaUnión	710	-	-	-	-	710	-	-	-	-	710	360	
Chile Total	77,430	-	7,830	12,530	-	97,790	20,330	-	-	14,270	132,390	16,580	
Australia Exploration Properties	-	-	360	-	-	360	-	-	-	-	360	-	
Corporate Office - Australia	-	-	-	-	-	-	-	-	-	130	130	890	
Australia Total	-	-	360	-	-	360	-	-	-	130	490	890	
San Nicolás	-	-	190	-	-	190	-	-	-	-	190	-	
La Verde	-	-	110	-	-	110	-	-	-	-	110	-	
Mexico Total	-	-	300	-	-	300	-	-	-	-	300	-	

Payments Made by Country and on a Project-by-Project Basis (continued)

	Payments as Defined by ESTMA Additional Payments											
(CAD thousands)	Taxes	Royalties	Fees	Dividends	Infrastructure Improvement Payments	Total Payments as Defined by ESTMA	Taxes	Royalties	Fees	Other Payments	Total Payments to Governments	Employee Withholding (Collected)
Corporate Office - Turkey	-	-	-	-	-	-	2,520	-	-	100	2,620	380
Turkey Exploration Properties	10	-	90	-	-	100	-	-	-	-	100	-
Kavaklitepe	10	-	50	-	-	60	-	-	-	-	60	-
TV Tower	-	-	40	-	-	40	-	-	-	10	50	-
Belen	-	-	20	-	-	20	-	-	-	-	20	-
Turkey Total	20	-	200	-	-	220	2,520	-	-	110	2,850	380
Corporate Office - Ireland	-	-	-	-	-	-	-	-	-	430	430	380
Ireland Total	-	-	-	-	-	-	-	-	-	430	430	380
Grand Total	965,770	1,810	42,130	12,530	9,500	1,031,740	48,800	247,240	6,470	228,010	1,562,260	163,910

(1) Payments denominated in a foreign currency are translated using the closing spot rate on December 31, 2021. Exchange rates used for translation per \$1 Canadian dollar are as follows: PEN 0.3174; USD 1.2656; CLP 0.0015; AUD 0.9198; MXN 0.0618; TRY 0.0957. (2) Teck publicly reports on payments to governments in the countries where we operate, as required under the Canadian *Extractive Sector Transparency Measures Act* (ESTMA). See our 2021 ESTMA disclosure on the Annual Regulatory Filings Archive page.

Appendix 8: Income and Resource Taxes Paid

Table 12: Reconciliation of Total Provision for Income Taxes to Income Taxes Paid in 2021

(CAD millions)	2021	Tax Rate (%)
Profit before taxes	\$ 4,532	
Tax expense at the Canadian statutory income tax rate of 26.54%	1,203	27%
Tax effect of:		
Resource taxes	426	
Resource and depletion allowances	(61)	
Withholding taxes on foreign earnings	60	
Non-temporary differences and others	(11)	
Total income tax expense	\$ 1,617	36%
Temporary differences:		
Net operating loss carryforwards	(609)	
Property, plant and equipment	(188)	
Decommissioning and restoration provisions	118	
Other	40	
Total current income tax expense	\$ 978	22%
Net taxes paid relating to prior years	30	
Net taxes payable in subsequent years	(159)	
Total current income taxes paid	\$ 849	19%

Overall Effective Tax Rate

Our overall effective tax rate in 2021 was a 36% expense on a consolidated profit of \$4,532 million. The actual rate depends on the effective tax rate of each jurisdiction in which we operate and the proportion of our profits or losses from those operations, including the impact of any asset impairments. This rate reflects the two main types of income taxes we pay: corporate income taxes and resource taxes on mining profits. Head office corporate, non-operating, and finance expenses are generally only deductible for corporate income tax purposes at the statutory tax rate. We also note that some of our expenses, for example, stock-based compensation costs and capital losses, are not wholly deductible for tax purposes in Canada or elsewhere. These limitations can cause our overall effective tax rate to be skewed much higher during periods of lower operating margins.

Income Tax Expense vs. Income Taxes Paid

Our overall income tax expense recorded in our financial statements will differ from current taxes paid due to the timing of the recognition of certain income and expense items by each jurisdiction in which we operate. The timing of income and deductions is set for tax purposes by taxation legislation and authorities, while recognition for financial statement purposes is based on International Financial Reporting Standards, as required by securities regulators. This results in differences in the timing of when income is recognized and when the related taxes become payable, but not in the ultimate amount of taxes paid. Taxes paid may also be different because legislated payment schedules base initial tax instalments on projected or historical profits, rather than on the actual taxes due for any year, with final payments occurring in the following year, or years in the case of refunds. We are subject to assessments by various taxation authorities, who may interpret tax legislation differently than we do. The final amount of taxes to be paid depends on a number of factors, including the outcomes of audits, appeals or negotiated settlements. The resolution of any assessments resulting in payments or refunds may occur after the year in which the items to which they relate occur.

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