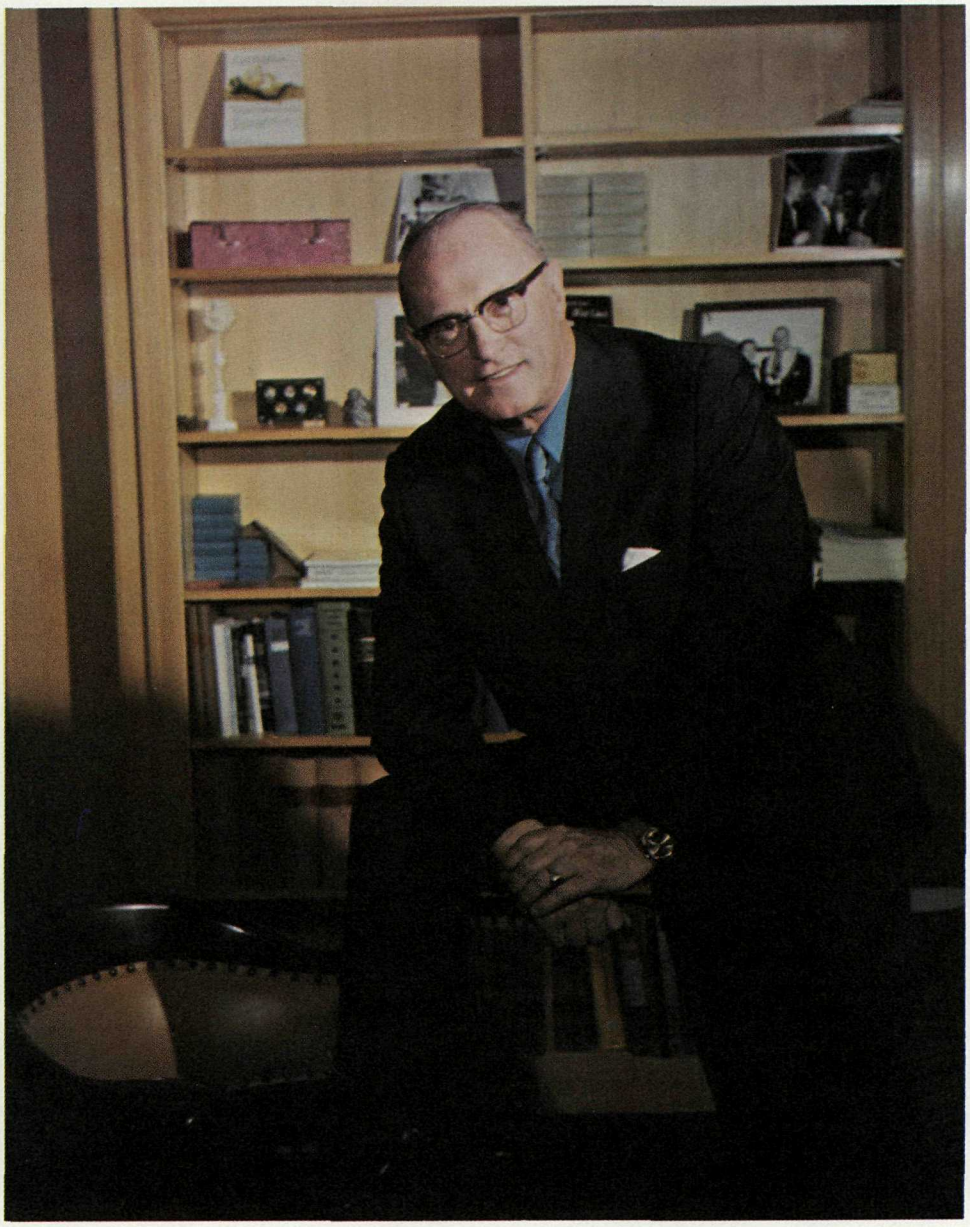
ANNUAL REPORT

OF THE

DEPARTMENT OF INDUSTRIAL DEVELOPMENT, TRADE, AND COMMERCE

FOR THE YEAR ENDED
DECEMBER 31

1971



The Honourable Waldo M. Skillings
Minister of Industrial Development, Trade, and Commerce

To Colonel the Honourable JOHN R. NICHOLSON, P.C., O.B.E., Q.C., LL.D.,
Lieutenant-Governor of British Columbia.

MAY IT PLEASE YOUR HONOUR:

I beg to submit the Report of the Department of Industrial Development, Trade, and Commerce for the year ended December 31, 1971.

WALDO M. SKILLINGS
Minister of Industrial Development,
Trade, and Commerce

To the Honourable Waldo M. Skillings,
Minister of Industrial Development, Trade, and Commerce,
Victoria, British Columbia.

SIR: I have the honour to submit herewith the Report of the Department of Industrial Development, Trade, and Commerce for the year ended December 31, 1971.

J. R. MEREDITH
Director, Bureau of Economics and Statistics

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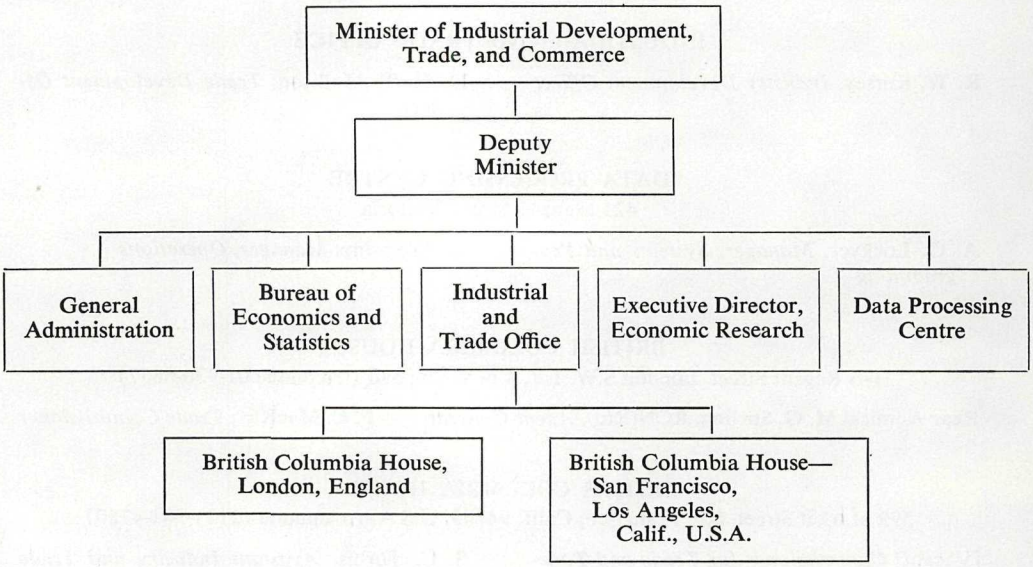
ORGANIZATION OF THE DEPARTMENT OF INDUSTRIAL DEVELOPMENT, TRADE, AND COMMERCE



CONTENTS

	PAGE
British Columbia Economy, 1971	11
Economic Summary, 1967–71 (graphs)	13
General Departmental Affairs	14
Economics and Statistics	14
Industrial and Trade Office	17
Data Processing	20
British Columbia House, London, England	22
British Columbia House, San Francisco, and British Columbia House, Los Angeles	24
Fifth British Columbia International Trade Fair, 1971	25
British Columbia Research Council	25
Spotlight on Industrial Expansion	26

BRITISH COLUMBIA ECONOMY, 1971

The British Columbia economy continued to expand during 1971 with a general recovery from the slowdown of 1970. Strong gains in new capital investment and consumer spending provided much of the economy's strength during the year. Increased mortgage funds, greater emphasis on low-income housing and lower interest rates contributed to a large increase in residential construction in both Canada and the United States. As a result, shipments of lumber to the United States and to other parts of Canada were considerably higher than last year and prices were also up.

The past year was one of crisis in the international monetary system. The public was made painfully aware of these difficulties on August 15 when President Nixon announced a programme including imposition of import surcharges, a wage-price freeze, and a floating American dollar. In addition to imposing a burden on British Columbia exporters to the United States, these measures called for major adjustments in the economies of our overseas customers. Although Mr. Nixon's moves are expected to provide benefits over the longer run, the short-run adjustments were generally detrimental.

The population of British Columbia as of June 1, 1971, was estimated at 2,196,000, an increase of 2.8 per cent over June 1, 1970, and fully twice the gain of 1.4 per cent in the Canadian population. As a result of the continued inward movement of migrants and the coming-of-age of those persons born in the postwar "baby boom," the Province's labour force grew by 33,000. This represented an increase of 3.8 per cent in the labour force, but the pace of economic activity was such that more jobs were created during the year and the unemployment rate was reduced. Greater employment coupled with higher average wage rates led to a major advance in consumer expenditures.

The construction industry recorded impressive gains in all sectors over 1970 when a prolonged work stoppage was experienced. The total value of all new and repair investment in the Province reached $3.7 billion, more than 22 per cent higher than the previous year. Housing starts, at 35,000, were up 28 per cent. The most impressive gains, in percentage terms, were recorded in the primary resource industries. The long period required for planning and execution of large resource projects resulted in major outlays in the forest and mineral industries, even though both were experiencing some marketing difficulties.

The mining industry continued to establish new records, with the value of mineral production exceeding the half-billion-dollar mark for the first time. Although prices and demand for most metals were generally lower than a year ago, Provincial sales were higher as new mines came into production. Coal production and shipments also forged well ahead of last year as the industry strove to meet long-term sales commitments with the Japanese steel industry. The Province's second major coal development in the East Kootenays was nearing completion by the end of the year. Mining commenced at the Island Copper mine on northern Vancouver Island, while construction work continued at major copper developments near Princeton, Granisle, Williams Lake, and in the Highland Valley.

The coastal fishing industry enjoyed a much better year than was anticipated. Wholesale value of the year's harvest was $115 million.

British Columbia industry, which relies heavily on export sales, was adversely affected by the United States' actions in the monetary and tariff fields. In addition, the Canadian dollar continued to float upward, reaching parity with the United States dollar late in October. Exporters were confronted with measures designed to reduce their sales to the United States while at the same time they were forced to absorb additional exchange and tariff costs in order to keep their products competitively priced. In spite of these difficulties, the total value of Canadian exports

exceeded the 1970 level and a large merchandise trade surplus was recorded, although below 1970's record $2.95 billion surplus. Exports through British Columbia customs ports reached a record $2.7 billion, in large part due to major wheat sales to China and increased exports to the United States. Coal, chemical products, natural gas, oilseeds, fertilizer and fertilizer materials also posted important export advances. Gains in the value of imports were widespread, with automobiles, communications equipment, iron and steel, and food and beverages accounting for the major share. The United States remained as the Province's leading customer, followed by Japan, the United Kingdom, and the European Common Market, in that order.

Shipments through the Port of Vancouver jumped to record levels in 1971. Closure of United States docks on the Pacific coast due to a longshoremen's strike caused many ships carrying goods destined for American ports to be diverted to British Columbia. American logs for export were also handled in volume at points on Vancouver Island.

Although a cool, damp spring threatened to seriously curtail tourist activity, an improvement in the weather was accompanied by strong gains in the number of visitors from other parts of Canada and the United States. Revenue from the travel industry continued its steady upward trend, reaching $480 million.

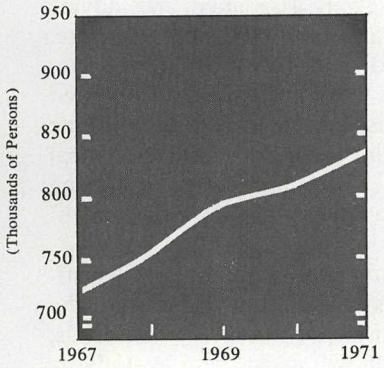
A review of manufacturing firms beginning or expanding operations in British Columbia during the year indicates that a major portion of capital investment was in the forest product industries, as is to be expected since the Province's timber resources can be more intensively utilized. However, the industrial base continues to be widened with an increasing number of firms manufacturing a variety of products. Significant additions in 1971—either under construction or beginning production—included plants for the manufacture of food and beverages, trailers, modular housing, automotive parts, machinery, electronics, furniture, building materials, recreational vehicles, clothing, and fibreglass and plastic products.

The economy of British Columbia is highly dependent upon export trade, and the outlook for our trade position in 1972 is somewhat clouded, primarily because of the United States surcharge and measures to turn around the American merchandise trade deficit. However, if these measures are successful—and present information suggests that the United States economy will expand appreciably in 1972—the result should be beneficial to British Columbia. Adjustments forced by the United States programme are likely to lead to a reduction in economic growth rates in Europe and Japan, and this will be reflected in the Province's overseas trade; however, gains in North America should more than offset any declines in other parts of the world.

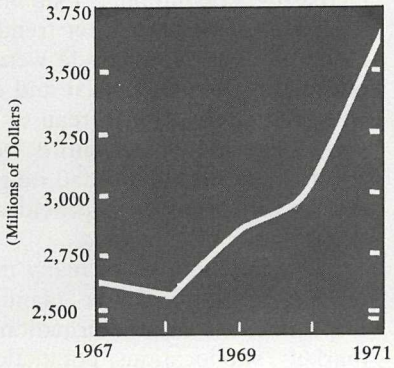
Although the upturn evident in the economy in the first half of 1971 was dampened by the actions of the United States, the outlook for 1972 seems promising, largely because of the demand for the products of our resource industries. Any recovery in the American economy in 1972 should improve the outlook for the pulp and paper industry. There remains an unsatisfied demand in North America for housing, and other sectors of the construction industry anticipate a fairly good year, with the result that demand for building materials should remain strong into 1972. The mineral industry will continue to be a stabilizing force in 1972, although a drop in exploration activity is cause for concern. A number of large, new mining projects will be brought to production in the coming year and long-term sales contracts for a major portion of mineral output ensure continued production at operating mines.

ECONOMIC SUMMARY, 1967–71[1]

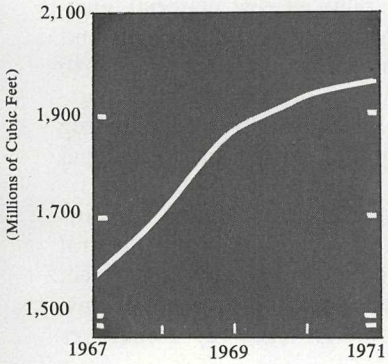
Number Employed



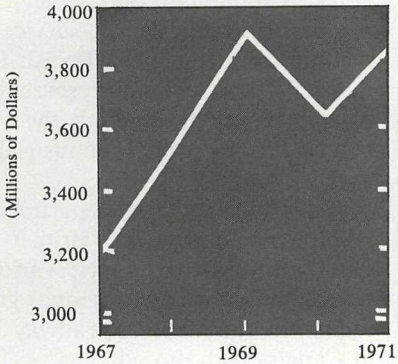
Private and Public Investment



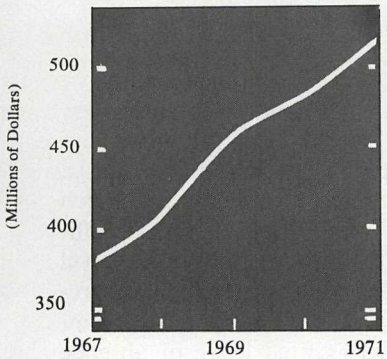
Timber Scaled



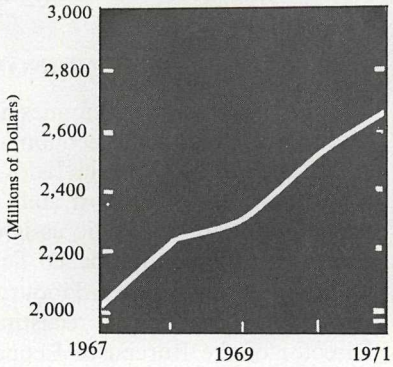
Factory Shipments



Mineral Production



Exports[2]



[1] 1971 estimated.
[2] Through British Columbia customs ports.

GENERAL DEPARTMENTAL AFFAIRS

The principal objective of the Department of Industrial Development, Trade, and Commerce in 1971 was the expansion of the Province's industrial and trade foundations in order to provide opportunities and employment for British Columbia's increasing population. Established businesses were given assistance and advice regarding markets, market trends, new products, new and improved processes, etc. Domestic and export trade were researched, advocated, and supported by the Department. New industrial and commercial enterprises were vigorously encouraged and promoted. The Bureau of Economics and Statistics supported the programme and objectives of the entire Department by conducting economic and statistical research embracing a broad range of pertinent subjects. Through its data processing centre, the Department provided extensive computer services to other Government departments and agencies.

Representatives of many manufacturing and commercial firms, financial institutions, and prospective manufacturing organizations visited and consulted the Department to seek information regarding resources, transportation, raw materials, markets, site locations, population, financing, etc., which will assist them in studying the feasibility of establishing new or expanded facilities in the Province. The Department staff answered numerous requests for information on many aspects of the British Columbia economy such as location sites, availability of raw material, electric power, water supply, services, and education. Information on the services and facilities offered by the British Columbia Research Council on matters relating to industrial and scientific research was provided. In addition, officers of the Department travelled throughout the Province to assist new, established, and expanding businesses, as well as industrial commissions and regional, civic, and municipal authorities.

During 1971 the Department co-operated with other British Columbia Government departments; the British Columbia Hydro and Power Authority; Federal Government departments; various boards of trade and chambers of commerce; municipal, civic, and regional governments; manufacturing and trade associations; industrial commissions; railway industrial agents; and foreign trade representatives in Canada and abroad.

The Department continued its programme of sponsoring regional district economic surveys and regional industrial expansion brochures. In 1971 the Department co-operated in a Feasibility Study of a Steel and Pipe Manufacturing Plant and an Economic Study of the Regional District of Kitimat-Stikine.

ECONOMICS AND STATISTICS

The Bureau of Economics and Statistics during 1971 performed a broad variety of duties related to the economic and industrial development of the Province.

The Bureau's staff includes 11 professional research officers, three economists, a librarian, and a support staff of 14. During the summer, two student research officers undertook specific assignments. The personnel of the Bureau include officers with expertise in special fields such as forestry, mining, transportation, travel industry, external trade, labour, fishing, and agriculture, as well as economic research, analysis, and forecasting. In July 1971, Mr. G. R. Knight, Assistant Director of the Bureau of Economics and Statistics, was granted leave of absence to accept a special assignment with the United Nations in Saudi Arabia.

Throughout the year the Bureau continued to prepare and publish monthly and annual reports dealing with economic trends and industrial growth in the

Province. These studies provide the business community with a broad range of information on developments in industry, foreign trade, transportation, and primary resource expansion at Provincial, national, and international levels. This service assists business organizations to relate and evaluate their own operations in terms of the total economy. Members of the staff attended and participated in several conferences and seminars in British Columbia and elsewhere during 1971. These meetings were invaluable as they covered a variety of pertinent subjects and permitted a free interchange of ideas among representatives of Government, business, industry, and labour.

The Bureau worked in close co-operation during 1971 with other Government departments and agencies such as Departments of Finance; Labour; Agriculture; Mines and Petroleum Resources; Lands, Forests, and Water Resources; Travel Industry; Rehabilitation and Social Improvement; and Municipal Affairs. This activity included joint studies and the provision of statistics and economic analysis.

In addition to its duties of providing data on the general economy, the Bureau does important work designed to foster industrial development in the Province. This includes preparation of specific industry studies, commodity studies, and comprehensive economic studies of specific regions within the Province, including studies on northern infrastructure and coal movements through British Columbia ports. Answers to numerous requests from industry for statistical and market information are also provided whenever possible.

The library of the Branch continued to ensure that the latest select economic and Government publications were available for the work of the Department. In addition, the leading current industrial, trade, commerce, business, and economics journals are received and kept on file. The library is regarded as one of the most complete and comprehensive sources of economic and statistical data in the Province.

A list of the publications issued by the Bureau of Economics and Statistics in 1971, along with a brief description of each, follows:

Bulletin of Business Activity—a monthly summary and review of current economic and business activities. The bulletin contains statistical data showing comparisons to the previous month and the same month of the preceding year. This publication also contains special articles of current interest.

Summary of Economic Activity—an annual summary and review of the economic pattern of the current year. It contains a statistical supplement covering the past 10 years. This publication is issued at the end of the current year.

British Columbia Business Outlook—a study of the prospects for business for the coming year. It is issued annually at the end of the current year.

External Trade Through British Columbia Customs Ports—an annual report which provides both detailed and summary tables showing exports and imports through British Columbia customs ports. Data by commodity and by country as well as graphs are included.

British Columbia Regional Salary and Wage Rate Survey—an annual study of wage rates for selected occupations and industries in British Columbia. The information contained in this publication is useful for inter-regional as well as inter-industry salary and wage rate comparisons. It also provides regional information not available elsewhere.

Industrial Expansion in British Columbia—a quarterly publication listing and describing projects completed, projects commenced, and projects proposed

for each quarter by census division. The Bureau also produces an annual of the year's activities under the same categories.

British Columbia Facts and Statistics—a handy-sized booklet which presents factual and statistical information relating to the economic and social characteristics of the Province. It also summarizes the economic growth which has taken place during the past decade. It is an annual publication.

British Columbia Trade Directory, 1971—contains a listing of Provincial manufacturers, wholesalers, exporters, importers, and their products. This report, issued periodically, is a consolidation of the *British Columbia Manufacturers' Directory* and the *British Columbia Wholesale Directory.*

British Columbia Manual of Resources and Development—provides a visual presentation (maps, charts, etc.) of the resources of the Province. The manual presents concise and current data on human, forest, mineral, agricultural, fish, and water resources of British Columbia. This report is published periodically.

Forecasts of Population Growth in British Columbia to the Year 2000—first in the series of studies dealing with population and labour force projections in the Province. This report examines changes in age-group distribution, regional populations, and other components of population growth over the next 30 years.

Net Migration to British Columbia, 1951–1970—second in the series of studies dealing with population and labour-force projections in the Province. This report portrays the impact of migration on British Columbia's population in terms of growth and composition.

Fertility Rates in British Columbia—third in the series of studies dealing with population and labour-force projections in the Province. This report examines the trends in birth rates with a view to determining probable effects on future population growths.

Forecasts of Labour Force Growth in British Columbia to the Year 2000—fourth in the series of studies dealing with population and labour force projections in the Province. This study analyses the effects of the forecast population on the size and composition of the future labour force.

Metal Forming, a British Columbia Industry Study—a general overview of British Columbia's metal-forming industry, based on a survey of the industry. The study, which comments on factors hindering industry growth and existing manufacturing opportunities, provides a list of firms, products, and machine capabilities.

Welding Rod and Wire, a British Columbia Industry Study—a report designed to encourage investigation into the feasibility of expanding the manufacture of welding-rods and wire in the Province.

Mobile Homes in British Columbia, a Socio-Economic Study—provides a comprehensive description of mobile-home parks in the Province, characterizes mobile-home owners, and analyses the demand for mobile homes and their manufacture.

Confectionery Industry, a British Columbia Industry Study—examines the production, consumption, and potential market for confectionery products, emphasizing the prospects for expanding the industry in British Columbia.

Growth Trends in the Japanese Economy—a brief monograph which reviews the economic development of Japan.

Trade in the 1970's—a monograph which reviews trends in exports and imports through British Columbia customs ports in the 1960's and discusses possible future trends in the 1970's. Major market areas and principal classes of commodities are reviewed in the report.

The Role of Exports in the Economy of British Columbia—a monograph which assesses the economic impact of export activity in British Columbia as compared to Canada and a number of major industrial nations.

A General Review of Unemployment in British Columbia During the Post-War Period—This study reviews unemployment in British Columbia during the post-war period and examines the extent of unemployment and its underlying causes and provides a statistical economic framework for those persons concerned with unemployment.

Selected Manufacturing Opportunities in British Columbia—a survey of select commodities designed to inform the business community of the extent of the import market and the opportunity for potential domestic production.

British Columbia Fabricated Forest Product Exports, 1970—an analysis of both United States and off-shore markets for fabricated forest products exports during 1970. The study indicates areas in which continued growth may be expected.

The Okanagan-Shuswap Region, a British Columbia Economic Study—prepared for the Okanagan Study Committee as commissioned by the Socio-Economic Task Force under the auspices of the Canada-British Columbia Okanagan Basin Agreement. The study describes in detail the past, present, and likely future economic base of the Okanagan-Shuswap Region of British Columbia.

The California Market—a study for British Columbia businessmen. This report examines the California market and economy and suggests areas and products meriting investigation. The report also provides detailed listings of California imports and information on products exported to California from British Columbia and other Canadian provinces.

INDUSTRIAL AND TRADE OFFICE

During 1971 this office was active in assisting existing industries and encouraging the development of new industries and commercial enterprises in British Columbia. The office assisted in securing data on location sites, furnished composite industrial maps on specific areas, advised on availability of raw materials, and provided information on the services offered by municipal, regional, and Provincial associations. This work was carried out in close co-operation with other British Columbia departments of Government, the British Columbia Hydro and Power Authority, Federal Government departments, boards of trade, chambers of commerce, and Industrial Commissioners.

A continued programme of selected mailing contacts was carried out to encourage branch plants to locate in British Columbia. In response to inquiries received through this mailing campaign, the Industrial Development Officer visited 22 plants in Ontario during the month of May. Executives of five of these plants indicated a continuing interest in locating a branch operation in British Columbia. Products currently being manufactured by these eastern companies include such products as welded-steel thinwall electrical conduit, transformers, and cabinet console accessories; wood furniture; pumps and filters; traffic markers; speed-control switches; bathroom cabinets; decorative mirrors; and cultured marble occasional tables.

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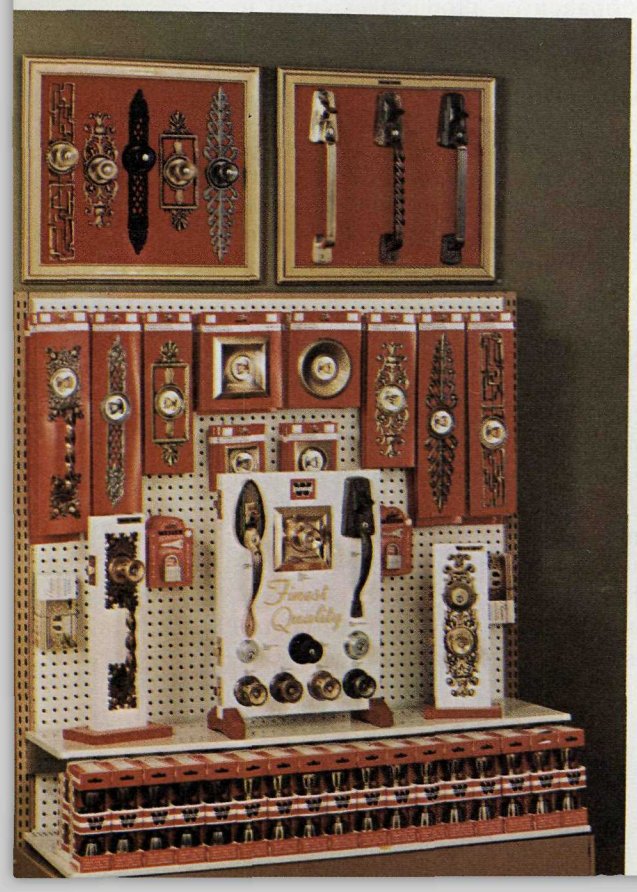

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ARY MANUFACTURING
RITISH COLUMBIA

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r bathroom sink.

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ck hardware.

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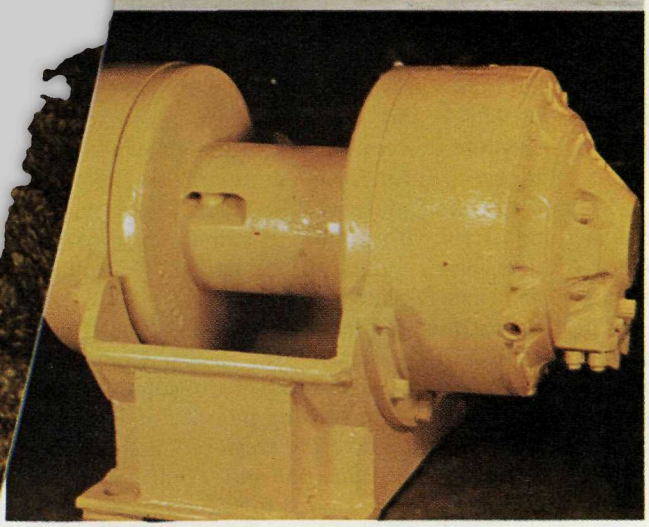

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A representative of the office also took part in the Annual California Tourist Promotion project and had an opportunity to speak to numerous service clubs on the industrial development taking place in the Province.

Areas visited during the year to discuss industrial development programmes included Cranbrook, Kimberley, Castlegar, Trail, Nelson, Creston, Nanaimo, Courtenay, Campbell River, and Terrace. The office worked closely with the Federal Government on the designated Kootenay areas and answered many inquiries on the incentive programme. In co-operation with the Federal Department of Regional Economic Expansion, special Industrial Development Training Courses were held at B.C. Research in Vancouver and in Grand Forks. The office supplied one of the six instructors used in this course.

During the year this office published a new edition of the *Handicraft Directory,* a new *Directory of Industrial Parks and Sites,* and a new edition of the *Regional Investment Opportunities Study.*

The office was also responsible for construction and design of a large pictorial and statistical display which was used in the British Columbia International Trade Fair, and later transferred to a permanent position in the British Columbia Pavilion at the PNE, Vancouver.

During the year under review the *Trade and Industry Bulletin* completed 22 years of continuous publication listing trade inquiries, export opportunities, manufacture under licence agreements available to British Columbia firms, notice of tender, and news of general commercial interest. The increased use of the bulletin by the trade representatives of other nations bears out the importance of this publication to commercial and industrial organizations in western Canada.

As an aid to businessmen, the publication *Setting up an Export-Import Business* was revised. This report lists sources of information, useful publications, foreign government representatives located in the Province, and a great deal of other data of special interest to businessmen contemplating export or import operations.

Members of the Industrial and Trade Office maintain a programme of visits to secondary industries with a view to stimulating Provincial export trade. This co-operative effort has resulted in 90 British Columbia firms being added to the Canadian Exporters Directory.

The Trade Office has continued a vigorous campaign to help foreign manufacturers establish representatives in British Columbia. The Trade Office works closely with members of the Vancouver Consular Corps and the programme has been highly successful, and an increasing number of British Columbia-based distributors have been established to serve the western Canadian market.

The services of the Industrial and Trade Office continue to expand and have proven to be of major importance to Government representatives and businessmen from foreign countries who visit the Province. Assistance in organizing itineraries, conferences, and briefing sessions on the economic development in British Columbia have been arranged by the Industrial and Trade representatives of the Department.

DATA PROCESSING

The Data Processing Centre in the Department is the Government's central computer and systems service bureau. It is located on the Legislative precinct in Victoria and provides information processing services, programming, computer systems analysis and design, and general systems analysis services to all Government departments, agencies, boards, and commissions. To provide these services the Centre employs over 100 computer and key-punch operators, systems management officers, and control personnel; and a staff of more than 40 analysts and pro-

grammers. Equipment used is two medium-sized computers with magnetic-tape drives, disk drives, card readers, printers, and a plotter attached. There is also a small complement of unit record equipment and over 70 key-punches and verifiers. The computers are used 24 hours a day 5 days a week and at certain times of the year, during peak workloads, on Saturdays and Sundays as well.

During the past year a number of equipment studies were carried out to determine where improvements could be made in present equipment and to establish the most economical methods of equipment change to meet the growing information processing needs of Government. As a result of these studies, over half of the older models of key-punches and verifiers in the centre were replaced with new model, higher-speed key-punch/verifiers. Also, arrangements have been made to obtain newer model, higher-speed magnetic-tape drives now available at less cost than our present models.

Workloads in the centre continue to expand at 10 to 15 per cent a year. This increase was accommodated by a small staff increase and extension of computer running to week-ends, as required.

The major project completed by the centre during the year was the introduction of a small computer installation at the Liquor Contorl Board Warehouse in Vancouver. The centre is responsible for systems, programmes, and the management of this installation.

During the year, operating staff and several of the analysts and programmers attended courses, educational seminars, and demonstrations of new equipment. This included an extensive one-week advanced programming course for 15 programmers held in the centre.

During the year a number of tours through the centre was given to students and other interested groups. Talks on data processing and career opportunities in this field were given at Provincial Government administrative management courses and to student groups.

SYSTEMS AND PROGRAMMING DIVISION

Analysts in this Division undertook over 80 systems studies, equipment feasibility studies, and project implementations during the past year. These assignments have introduced many systems changes in departments and the centre, and have created several new applications.

Projects completed during the year include a large-scale pilot scheme in optical character recognition, installation of a small computer at Liquor Control Board Warehouse, computer services for a Lower Mainland air-quality study, new administrative systems for Child Welfare, geophysical mapping by computer graphics, and operational implementation of computer output in Braille.

The most significant and time-consuming project was the computer installation at Liquor Control Board. This major application was completed within a very rigid time schedule and has now allowed Liquor Control Board to convert the majority of their warehouses to a bonded status.

Major studies are presently being carried out in *Beautiful British Columbia* magazine distribution, Liquor Control Board, Corrections Branch, and Pollution Control Branch.

OPERATIONS DIVISION

This Division successfully implemented three major changes to existing operating systems for drivers licensing, Water Rights billing, and Child Welfare procedures.

During the last three months of the year the Division again co-operated with the Department of Education on a key-punch training course conducted in the evenings, using facilities in the centre. This course will continue indefinitely, as long as there is sufficient demand for graduates. In addition to providing facilities, Operations has provided a key-punch supervisor as the instructor for this course.

This Division has experienced a number of unexpected and uncontrollable difficulties during the year. Faulty supplies were received from three different suppliers and each of these caused delays and problems for the Division. Also there has been an unusually high turnover in key-punch staff during the year. This has reduced keypunch capabilities significantly and caused delays and created a need for contracting out several keypunch jobs.

The Systems Management Section of the Division, which is responsible for maintenance of control systems used by the computers, successfully introduced four newly released control systems during the year.

BRITISH COLUMBIA HOUSE, LONDON, ENGLAND

British Columbia House was again pleased to receive a visit from the Prime Minister of British Columbia during 1971. The Agent-General arranged several engagements for the Prime Minister with representatives from United Kingdom business and government circles and hosted a reception at British Columbia House. At the reception, the Prime Minister had an opportunity to meet many old friends and a number of businessmen who have more recently become aware of the industrial investment opportunities offered in British Columbia.

British Columbia House has borne exterior Centennial decorations throughout the year, and the 100th anniversary of joining Confederation was observed in London. On July 20 a special Thanksgiving Service was held at the Guild Church of St. Mary Woolnoth in the presence of Her Majesty Queen Elizabeth The Queen Mother. The Agent-General read a prayer which had been written for the occasion, the High Commissioner for Canada read the Lesson, and the sermon was delivered by The Reverend Professor J. E. Healey, S.J. The service was followed by a reception at the Goldsmiths' Hall, where the Queen Mother met the assembled guests. The Agent-General was cohost with the High Commissioner for Canada at a number of functions in connection with the London to Victoria Air Race, including the start of the race from the Royal Air Force station at Abingdon, England.

During the year the Agent-General attended the Fifth British Columbia International Trade Fair in Vancouver, presented a film and address on the Province's industrial potential at a "British Columbia Evening" in Frankfurt, Germany, and spoke to numerous meetings in the London area on British Columbia's economic growth and industrial development.

The major renovations to British Columbia House, begun in August 1970, were completed in April 1971. The Agent-General and his staff are now located in the new open-plan ground-floor offices, which were designed to relate to the spaciousness of the Province and finished in a pleasant blend of native woods and other materials.

VISITORS, FILMS, AND PUBLICITY

In spite of a prolonged mail strike in the United Kingdom and the year-long Centennial celebrations in British Columbia, visitor registrations and the volume of mail handled by the reception staff in British Columbia House declined only marginally from last year's record counts. British Columbia House received 4,154 visitors from the Province, and handled 28,243 letters and parcels.

The number of films dispatched to interested groups throughout the United Kingdom was also affected by the postal strike but, in spite of this, 138 films were sent out on loan and viewed by almost 8,000 people.

In addition to increasing subscriptions for the *Beautiful British Columbia* magazine, the circulation of the British Columbia *News Letter* was increased last year as was the distribution of the *Monthly Bulletin of Business Activity*. All three publications are now being mailed to recipients in the United Kingdom and on the Continent on a regular basis. This increasing demand for information on British Columbia is another indication of the high level of interest being shown in the Province by Britons and Europeans.

IMMIGRATION AND TOURISM

In view of the high rate of unemployment in Canada throughout most of 1971, British Columbia House did not initiate any form of immigration promotion. Nevertheless, the immigration counselling staff were kept busy throughout the year replying to written inquiries and conducting personal interviews with residents of the United Kingdom and with residents of Europe who requested interviews while visiting London. The majority of applicants for interview were extremely well-qualified people who, under normal conditions, would make a worth-while contribution to the Province. Their desire to live in British Columbia is very strong, and almost without exception they were prepared to postpone their move from Britain and Europe until such time as employment opportunities improve and they can obtain clearance to move to British Columbia.

General requests for travel and tourism information increased in 1971. The full report of the Director of Travel Promotion in British Columbia House appears in the Annual Report of the Department of Travel Industry.

INDUSTRIAL DEVELOPMENT AND TRADE PROMOTION

In 1971 the Trade Commissioner made several trips to the Continent, visiting Italy, Germany, and Holland. He attended a Canadian business opportunities mission in Stuttgart and accompanied the Agent-General to the "British Columbia Evening" in Frankfurt where they were joined by the Industrial Commissioner for the Vancouver and Lower Mainland region. Following this meeting the Trade Commissioner and the Industrial Commissioner spent the remainder of the week in the Frankfurt area and a second week in the Dusseldorf region of Germany. The Trade Commissioner also attended the annual meeting of the Canada-Netherlands Chamber of Commerce and visited the Milan and Hanover International Trade Fairs. For the first time, British Columbia had an official office in the Canadian Section of the International Building at the Hanover Trade Fair, and the Trade Commissioner was pleased to meet and assist a number of visitors from British Columbia and to act in liaison with British Columbia manufacturers exhibiting products at the fair. This office will now become a permanent centre for British Columbians attending this largest of all trade fairs.

In the United Kingdom the Trade Commissioner's activities were centred in London with a tour of north central and northeast England.

In all his trips, the Trade Commissioner found greatly increased awareness of the business opportunities offered by British Columbia and more recognition of the benefits offered by a location on Canada's West Coast.

The Trade and Industry section at British Columbia House dealt with numerous requests for assistance from British Columbia manufacturers interested in the

markets of Great Britain and Western Europe. The range of products was varied and included such items as frozen foods, paints and varnish, lumber products, institutional equipment, marine equipment, and toys. Several British and European manufacturers and financial houses were provided with detailed information on the British Columbia market and the markets accessible from a British Columbia base.

The Commercial Officer of the Trade and Industry Section attended a number of trade fairs in London and southern England where British Columbia firms were participating or where products were being shown which may be suitable for manufacture or assembly in British Columbia.

GENERAL

The terms for Britain's entry into the European Common Market were negotiated during 1971 and, as the year-end approaches, public opinion is divided on the benefits to be derived from membership in the community. In general, Britain's economic outlook appears to be good, although unemployment is high and prices and wages have risen very rapidly over the year.

The Common Market countries experienced a slowing of economic activity in 1971 and, like Britain, have experienced high wage and price increases, and for the first time in several years are moving away from full employment of their labour forces.

These conditions have been accelerated by the United States moves of mid-August which have curtailed their exports to America and forced a revaluation of their currencies.

BRITISH COLUMBIA HOUSE, SAN FRANCISCO, AND BRITISH COLUMBIA HOUSE, LOS ANGELES

The two British Columbia offices in California continued in 1971 to solicit the interest of American manufacturers in establishing branch plants in the Province. Products for potential manufacture were selected after domestic and foreign markets, availability of raw materials, and all aspects of locating a manufacturing plant were seriously researched. Industry and commodity studies prepared by the Bureau of Economics and Statistics were used effectively and were widely circulated to businesses, United States Federal and state authorities, industrial commissions, power companies, business development officers of Canadian and American banks, and to Canadian Trade Officers.

Industrial development commissions which service many British Columbia regions and communities have maintained a close liaison with the California offices. Many requests for information regarding specific areas were forwarded to the appropriate commissioners. In addition, appointments were arranged in the California area for representatives of many British Columbia communities.

The manufacturers who were approached directly by the California representatives as well as the inquiries received at the California Houses represented a broad spectrum of business and industry interests. Many electronic and allied manufacturers which in the past serviced primarily the vast aerospace industry in Southern California are actively striving to diversify their product lines. As a result, these firms have shown a great deal of interest in British Columbia as a base for manufacturing and marketing their new products.

During the course of the past year the California officers visited many trade fairs and industrial exhibitions. Inquiries received at these functions resulted in new product lines for the Canadian market being offered to British Columbia manu-

facturers under a licensing agreement. In some instances the initial approaches led to the manufacturers taking a hard look at the feasibility of establishing their own manufacturing plants within the Province.

The British Columbia Fifth International Trade Fair was widely publicized among the Southern California business community. A representative from the Los Angeles office attended the fair and returned to Southern California with a list of products British Columbia manufacturers are desirous of marketing. In several instances trade relations were opened with distributors, agents, and representatives for this vast market.

During October a group from the Vancouver Board of Trade visited the San Francisco area and inspected port facilities and industrial sites. Individual appointments were arranged by the representative of British Columbia House.

FIFTH BRITISH COLUMBIA INTERNATIONAL TRADE FAIR, 1971

British Columbia's Fifth International Trade Fair, Impo-Expo '71, was held in Vancouver from June 2 to 12, and, in terms of international participation and general business, community response has been judged an unprecedented success. First held in 1958, this triannual promotion, which has been continually sponsored by the Department, has developed into the largest regularly scheduled trading event of its kind in North America.

The trade fair was officially opened on June 2 by Premier W. A. C. Bennett, who, in his opening address, emphasized British Columbia's role as a major exporting area, whose economic well-being is based to a large extent on the ability to sell abroad the wide range of raw materials which are the products of our primary industries, as well as the products and services of our expanding secondary industries.

The 1971 fair, with an exhibit area of 110,000 square feet, had a record number of international pavilions with 16 nations participating along with 420 exhibitors. Countries participating were Great Britain, France, Denmark, West Germany, Sweden, Japan, the Philippines, Austria, South Korea, Switzerland, India, Finland, Pakistan, the Netherlands, Ireland, and Bulgaria. In addition, the products of New Zealand and Taiwan were featured through agency displays. The State of Alaska, the Province of Alberta, and four departments of the Federal Government were also represented.

Close to 3,000 professional buyers from Canada, the United States, Europe, and the Far East attended the fair and their participation resulted in numerous sales contracts and agencies being established. Computerization of all data provided immediate access to information on a wide range of products on display and was also utilized in the production of the official catalogue.

The next trade fair is scheduled for 1974 and, during the coming fiscal year, Department officials will be involved in promoting the event and assuring the Province of an even greater international and local response.

BRITISH COLUMBIA RESEARCH COUNCIL

The British Columbia Research Council is an independent, nonprofit, industrial research society, registered under the *Societies Act* of British Columbia and initially sponsored by the Department in 1944. From the time of its establishment it has received an annual grant from the Department by which it has been able to carry out in-house research projects and carry them through to such a stage of development that they may be of interest to and supported by industrial companies. The

research arm of the Society, B.C. Research, has its offices and laboratories located at 3650 Wesbrook Crescent, on the southern section of the campus of the University of British Columbia.

B.C. Research undertakes research and development in applied biology, applied chemistry, applied physics, and engineering, and make available to industry and Government departments business services in the areas of operations research, economic and feasibility studies, technical information, management, and productivity. The research and technical services are undertaken for clients on a confidential, contract basis and at cost.

In addition to a grant of $320,000 received from the Department, B.C. Research had, during 1971, an earned income of $1,600,000, made up mainly from industrial and Government contracts.

During 1971 a substantial expansion in water and atmospheric pollution research and in ecological studies took place, accounting for contracts totalling $650,000. Work continued on the development of a nonatmosphere-contaminating hydro-metallurgical process for treating copper concentrate, using bacteria. The work on development of colour-sorting instruments was expanded to units for cranberry colour grading. During the year the protective coating, Steelmate, for wet steel and for steel under water, was brought into manufacture and distribution in Canada and the United States. Production was also started in British Columbia of a wasp trap developed in the laboratories of B.C. Research and commercial sales carried out across Canada. A self-disintegrating oyster cultch was manufactured in small quantities for the second year and distributed to commercial growers for assessment under marine conditions. A new programme directed toward the development of electro-luminescent products was initiated. The year also saw an expansion of the management training courses for senior and intermediate management in industry and in Government departments.

SPOTLIGHT ON INDUSTRIAL EXPANSION

In 1971, after attaining the $3 billion level of investments for two years, the Province of British Columbia recorded a jump in expenditures. Capital and repair expenditures by the private and public sectors during 1971 totalled $3.66 billion, representing a 22-per-cent increase above the 1970 total of $2.99 billion.

On a *per capita* basis the value of investments reached $1,625 per head of population, nearly 40 per cent above the Canadian *per capita* amount of $1,170.

Expenditures by utilities and transportation companies, totalling approximately $825 million, were the largest component of expansion undertakings. Pipe-line firms constructed several substantial projects: Westcoast Transmission completed an enlargement of its main natural gas transmission pipe-line at a cost of over $80 million and earlier in 1971 finished an extension of this line to the northern boundary of British Columbia and installed further equipment at its Fort Nelson plant. Inland Natural Gas was engaged in several additions to its distribution system, including construction of a pipe-line between Kingsvale (near Merritt) and Oliver.

Developments of the publicly owned British Columbia Hydro and Power Authority were highlighted by new generating equipment coming on line at the W. A. C. Bennett Dam and at Jordan River. At mid-year, estimates of investment in electric power facilities suggested expenditures of approximately $950 million will likely be required over the next five years. In the third quarter, bids were received for the major machinery and equipment for these proposed projects.

In the railway transport industry, the Pacific Great Eastern Railway opened the 250-mile extension between Fort St. John and Fort Nelson. In addition, CP

Rail completed a 35-mile extension of its Kootenay area tracks to the new Fording Coal property. The 420-mile extension of the PGE between Fort St. James and Dease Lake entered the third year of construction, with completion of the line anticipated in 1974.

The commencement of forest products shipments from the new Seaboard International terminal in North Vancouver was particularly noteworthy among ocean terminal improvements during 1971. Other projects of major importance included projects at the Fraser-Surrey Docks, Nanaimo, Port Alberni, Roberts Bank, and Squamish.

The primary industries and construction industry, with investments of almost $795 million in 1971, were the next ranking component after utilities. Intense mining activity accounted for sizeable expenditures in these industries. The net complement of workers expected to man major new mines and milling operations due to start shipments in 1971/72 is likely to total 2,300 persons. During the fourth quarter the copper-molybdenum property of Utah International at Port Hardy started shipments as the forerunner of several substantial mines coming into production in 1972.

Capital and repair expenditures by manufacturers reached approximately $595 million in 1971. Projects being undertaken by pulp and paper firms accounted for some $250 million, consisting mainly of added or new capacity at Kamloops, Mackenzie, and Quesnel, which will generate employment for 700 persons. In the wood industries, where capital and repair outlays exceeded $130 million, new lumber mills began operating at Okanagan Falls, Prince George, and Woodfibre, a new stud mill opened at Mackenzie, and a new plywood plant at Armstrong. Significant among projects presently being constructed are a sawmill at Vavenby, a plywood mill at Golden, and a veneer plant at Merritt.

In other manufacturing industries, investments were concentrated in the alcoholic beverage and meat-processing phases of the food and beverage industry, in the nonmetallic mineral products industry, and in the chemical and chemical products industry. Outstanding among individual developments were the new $30 million distillery of Hiram Walker & Sons Ltd. at Winfield and the $22 million modernization of the Trail zinc refinery of Cominco Ltd., both of which were finished in the fourth quarter.

Projects in the trade, finance, and commercial service industries amounted to $275 million in 1971. Early in the fourth quarter, the first stage of the $95 million Pacific Centre in Vancouver was officially opened. Plans were announced for a third tower in the Bentall Centre complex and for a new business offices structure called the "Vancouver Centre." Each of these new developments, to be situated in Vancouver City, is estimated to cost between $20 and $25 million. Construction is advancing rapidly on the Project 200 and on the Royal Centre complexes in Vancouver, where work had previously been started.

The following tables itemize projects that were completed or were under construction by manufacturers during 1971. In most cases only those developments comprising a minimum capital or repair investment of approximately $100,000 are shown.

NEW MANUFACTURING PLANTS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971

	Estimated New Employment
FOOD AND BEVERAGE	
Birch Street Bakery, Valemount—bread, buns, pastries	(1)
Canadian Pizza Crust Co. Ltd., Richmond—bakery products	14
Clearsprings Pop Shop Beverages Ltd., Burnaby—soft drinks	6
Jake's Bakeries Ltd., Masset—baked goods	6
Lang Manufacturing Co. Ltd., Kelowna—"Pogo Pops" food products	5
Schlappner's Bakery, Osoyoos—bakery products	(1)
Tom Thumb Donut Co. Ltd., Vancouver—doughnuts	(1)
Uncle Ben Beverages Ltd., Richmond—soft drinks	14
Hiram Walker & Sons Ltd., Winfield—distilled beverages	210
RUBBER AND PLASTIC PRODUCTS	
Aaro Plastics Ltd., Richmond—blow-moulded containers	(1)
Acrylco Manufacturing Ltd., Delta—cast acrylic plastic sheets	15
Aurum Resources Ltd., Delta—plastic art objects	5
Comatec Industries Ltd., Cloverdale—strip rubber	(1)
F.R. Protective Plastics Ltd., Vancouver—fibreglass piping and tank linings	(1)
Freeman Plastics Ltd., Peachland—FRP tanks, aircraft warning-markers	(1)
Giant Tire Ltd., Richmond—rebuilt tires for mining and earthmover equipment	38
The Guildhall Manufacturing Co. Ltd., Richmond—cultured marble and stone	6
Gulf Fibreglass Products Ltd., Delta—fibreglass products	(1)
Premo Engineering Ltd., Esquimalt—precision metal and plastic components	(1)
Stroam International Ltd., Burnaby—polystyrene foam egg cartons, other food-packaging material	12
Tri-Plast Industries Ltd., Chemainus—products of plastics, urethane foam, and polyester	(1)
Vanguard Plastics Ltd., Richmond—plastic moulds	(1)
Woodridge Fibreglass Ltd., Maple Ridge—fibreglass products	(1)
Y-Lok Containers Western Ltd., Vancouver—plastic industrial containers	(1)
LEATHER	
Bli-Kor Mfg. Ltd., Vancouver—leather goods	17
Frontier Leathers, Fort St. John—saddles, harnesses, other leather products	(1)
Viberg Boot Mfg. Ltd., Victoria—leather boots and garments	(1)
TEXTILE	
Olympic Canvas & Rope Ltd., Vancouver—rope and rope products	(1)
CLOTHING	
Alpha Sportswear Ltd., Vancouver—clothing	5
Chantal Fashions & Fabrics Ltd., Vancouver—custom-fabricated clothing	(1)
Man-Can Mfg. Ltd., Vancouver—men's garments	16
Simon Boutique Ltd., Vancouver—women's clothing	9
WOOD	
A & A Sawmill, Chetwynd—ties and studs	9
Adams River Cedar Products Ltd., 64 miles northwest of Vavenby—cedar shakes	(1)
Arrowsmith Millwork Ltd., Port Alberni—cabinets, doors, and frames	(1)
Artisans Industries Ltd., Surrey—factory-built homes, cabins	(1)
Asco Cedar Products, McBride—lumber	8
Bell Pole Co. Ltd., Maple Ridge—untreated cedar poles and piling	7
Bennett Mills Ltd., Fort St. John—lumber	9
Billan Enterprises Ltd., Burnaby—wood chips	(1)
Bouma Post Yard Ltd., Princeton—processed posts and poles	14
B.C. Forest Products Ltd., Mackenzie—studs	40
Canoe Millwork Ltd., Canoe—windows, cabinets, wood components	(1)

1 Under five employees.

NEW MANUFACTURING PLANTS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971—*Continued*

	Estimated New Employment
WOOD—*Continued*	
Christian Valley Sawmill, Christian Valley (near Westbridge)— lumber	6
J. L. Coghlin Contractor, Summerland—lumber	(1)
Cormorant Shakes, Port McNeill—red cedar shakes	(1)
Crown Zellerbach Canada Ltd., Armstrong—unsanded plywood sheathing	92
D. & H. Sawmill, 10 Mile Lake (near Quesnel)—railroad ties	(1)
D'Vincent Industries Corporation Ltd., Vancouver—wall décor	9
Evans Products Co. Ltd., Golden—plywood	88
Glen Garrell Enterprises Ltd., Westbank—cabinets	(1)
Island Mills, Terrace—lumber	5
Nehaliston Lumber Co. Ltd., Barriere—hardwood lumber	10
Nicola Valley Sawmills Ltd., Merritt—veneer	30
North Shore Log Sorting, North Vancouver—shakes	(1)
Pacific Pre-Hung Doors Ltd., Coquitlam—pre-hung door units	7
Parksville Cabinets & Millwork Co., Parksville—cabinets	(1)
PeDel Lumber Ltd., Ruskin—pallets, shingle-band sticks	(1)
Pine Lake Lumber Co. Ltd., Delta—lumber, wood chips	15
Prairie Mountain Developments Ltd., Surrey—pressure preserving of wood	5
Prince George Hardwoods Ltd., Prince George—birch lumber	15
Grant Proctor Sawmilling, Lillooet—railroad ties, side lumber	(1)
Raymer Lake Lumber Co. Raymer Lake (50 miles from Kelowna)—studs	7
Robson Valley Cedar Products, McBride—cedar shakes	6
Surrey Laminated Products Ltd., Surrey—laminated beams	6
Thomson Bros. Sawmill Ltd., Courtenay—lumber	(1)
Triple-A-Shake & Shingle Co., Mission City—cedar shake and shingle products	6
Tru-Span Lumber Ltd., Kelowna—laminated beams	6
Henry Vasseur Custom Planing Ltd., Valemount—lumber	(1)
Weldwood of Canada Ltd., Ash Street Division, Vancouver—pre-finished plywood panels	19
Westcoast Distributors Ltd., Rutland—hollow- and solid-core doors	(1)
Weyerhaeuser Canada Ltd., Vavenby—lumber	200
Wilson Lambilt Ltd., Richmond—modular buildings, roof trusses, industrial trailers	(1)
FURNITURE AND FIXTURE	
Bruckal Plastics Ltd., Abbotsford—plastic furniture	(1)
Fraser Highway Upholstery, Surrey—upholstered furniture	(1)
Richards Furniture Manufacturing, Vancouver—household furniture	9
Toadhall Design & Manufacturing Ltd., North Vancouver—custom furniture	(1)
PAPER AND ALLIED	
B.C. Forest Products, Mackenzie—bleached sulphate pulp	252
Cariboo Pulp & Paper Co., Quesnel—bleached kraft pulp	315
Finlay Forest Industries Ltd., Mackenzie—refiner groundwood pulp	25
PRINTING, PUBLISHING, AND ALLIED AFFAIRS	
Affairs Publishing Ltd., Vancouver—magazines	7
Bryan Publications Ltd., Vancouver—publishing	(1)
Click Publications Ltd., Vancouver—publishing	5
Free Lancer Publications Ltd., Campbell River—newspaper publishing	(1)
Gibson and Moscarella Ltd., North Vancouver—commercial printing	8
King Printing and Duplicating, Vancouver—commercial printing	(1)
Lawsco Enterprises Ltd., Vancouver—publishing	(1)
Majestic Graphics Ltd., Port Coquitlam—printed forms	(1)
Mustang Printing Co. Ltd., Vancouver—printed material	(1)
Quality Separations Ltd., Vancouver—lithographed products	6
Stuart Graphics Ltd., Penticton—commercial printing	(1)
University of British Columbia Press, Vancouver—book publishing	(1)

1 Under five employees.

NEW MANUFACTURING PLANTS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971—*Continued*

	Estimated New Employment
PRINTING, PUBLISHING, AND ALLIED AFFAIRS—*Continued*	
White Computer Typesetting Services Ltd., Vancouver—printing trade services	(1)
PRIMARY METAL	
Fundy Chemical Corp. Ltd., Surrey—ferro-alloys	20
METAL FABRICATING	
Coast Engineering Works Ltd., Vancouver—marine and general machining	14
Comet Plating Co. Ltd., Vancouver—metal coatings	(1)
Crown Cork and Seal Co. Ltd., Richmond—bottle caps for the soft drink and brewing industry	(1)
Fraser Fasteners Ltd., Richmond—screws	5
Inter City Machine Shop, Vancouver—metal-fabricated products	(1)
Master Machine Co. Ltd., Vancouver—metal-fabricated products	(1)
Orchard Enterprises, Surrey—decorative aluminum wall plaques and panels	(1)
Specialty Heat Treating Ltd., Vancouver—coating of metal products	(1)
Stevested Machinery & Engineering Ltd., Delta—metal-fabricated products	(1)
Synkoloid Metal Products Ltd., Surrey—steel studs, metal trims	(1)
Tri-Tec Manufacturing Ltd., Vancouver—aluminum patio covers, window awnings	5
Tube-Lok Products Ltd., Vancouver—steel-fabricated products	5
Valley Ornamental Iron Works Ltd., Aldergrove—iron railings, ornamental-iron products	(1)
Valley Sheet Metal, Marysville—fabricated metal products	(1)
MACHINERY	
Appollo Mfg. Ltd., Burnaby—torque convertors	5
Univeyor B.C. Ltd., Vancouver—package-handling conveyers	5
TRANSPORTATION EQUIPMENT	
Aqualine Trailers Ltd., Penticton—boat and utility trailers	(1)
Atlas Aircraft Services Ltd., Richmond—aircraft servicing	(1)
Dolphin Industries, Dawson Creek—fibreglass boats	(1)
Hayes Manufacturing Co. Ltd., Vancouver—cab-over-engine highway trucks	20
Lang Engineered Racing Accessories, Vancouver—automotive specialty equipment and accessories	(1)
Maple Ridge Campers, Maple Ridge—camping units	(1)
Portage Marine Services Ltd., Nanaimo—boat-building and repair	(1)
Viking Air Ltd., Sidney—aircraft servicing	(1)
ELECTRICAL PRODUCTS	
C.P.D. Electronics Ltd., South Burnaby—electrical and electronic products	(1)
Donahue Electronics Ltd., North Vancouver—industrial electronic products	(1)
Cascade Batteries Ltd., North Vancouver—marine and industrial batteries	(1)
Gunn Electronics Ltd., North Vancouver—musical instrument amplifiers	(1)
Intercontinental Electronics Ltd., Richmond—industrial solid state equipment	(1)
Lenkurt Electric Co. of Canada Ltd., North Burnaby—polylithic crystal filters for telecommunications equipment	15
Pacific Photon Products Ltd., Vancouver—industrial and commercial light fixtures	(1)
Precision Controls Ltd., Richmond—electronic components	(1)
NONMETALLIC MINERAL PRODUCTS	
Admiral Glass & Door, Penticton—glass cutting	(1)
Econo Mix Ltd., Richmond—readymix concrete	5
Houston Concrete Products Ltd., Houston—readymix concrete	6
Pacific Abrasives & Supply, Inc., Grand Forks—roofing granules, sandblast abrasives	(1)
Squamish Redi-Mix Products Ltd., Squamish—readymix concrete	(1)

1 Under five employees.

NEW MANUFACTURING PLANTS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971—*Continued*

	Estimated New Employment
NONMETALIC MINERAL PRODUCTS—*Continued*	
Texada Lime Ltd., Langley—metallurgical lime	20
Totem Ready Mix Ltd., Quesnel—readymix concrete	(1)
Yellowhead Concrete Ltd., Kamloops—readymix concrete	(1)
PETROLEUM AND COAL PRODUCTS	
Columbia Bitulithic, a Division of Ashland of Canada Ltd., Richmond—asphalt paving materials	(1)
CHEMICAL AND CHEMICAL PRODUCTS	
Emdee Enterprises Ltd., Burnaby—construction specialties and domestic chemicals	(1)
Gold Star Paints, Kamloops—paint	(1)
Nor-Chem Enterprises Ltd., North Vancouver—industrial cleaning compounds	(1)
Nu-Kote International Products Ltd., Richmond—protective hand lotions	(1)
MISCELLANEOUS MANUFACTURING	
Canadian Tackle Ltd., Kelowna—fishing lures	(1)
Eric T. Fear Ltd., Tsawwassen—jewellery	(1)
Pacific Display Systems Ltd., Burnaby—aluminum display showcases	7

MAJOR MANUFACTURING PLANT EXPANSIONS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971

	Estimated New Employment
FOOD AND BEVERAGE	
Andres Wines (B.C.) Ltd., Port Moody—wine	10
The Carling Breweries (B.C.) Ltd., Vancouver—malt beverages	*Nil*
Dare Foods Ltd., Surrey—biscuits	20
Dutch Dairy Farms Ltd., Armstrong—dairy products	*Nil*
Fletchers Ltd., Vancouver—meat processing	*Nil*
Freybe Sausage Mfg. Ltd., Vancouver—meat processing	*Nil*
Intercontinental Packers Ltd., Vancouver—meat processing	*Nil*
Interior Breweries Ltd., Creston—malt beverages	(1)
Island Farms Dairies Co-op Association, Victoria—dairy products	*Nil*
Labatt Breweries of B.C. Ltd., New Westminster—malt beverages	*Nil*
Molson Brewery B.C. Ltd., Vancouver—malt beverages	*Nil*
Northern Alberta Dairy Pool Ltd., Fort St. John—dairy products	*Nil*
Northwest Food Products Ltd., Vancouver—noodles	(1)
Panco Poultry Ltd., Surrey—poultry processing	*Nil*
Wm. Scott & Co. Ltd., Port Coquitlam—poultry processing	15
Standard Brands Ltd., Richmond—dog-food	*Nil*
Star Meat Co. Ltd., Sumas—meat processing	(1)
Venice Bakery Ltd., North Vancouver—bread	7
RUBBER AND PLASTIC PRODUCTS	
Canplas Industries Ltd., Delta—plastic pipe-fittings	*Nil*
Listo Products Ltd., Vancouver—plastic products	*Nil*
TEXTILE	
Romney Carpet Corp. Ltd., North Vancouver—carpets	*Nil*
Western Fibres Ltd., Vancouver—textiles	25
KNITTING MILLS	
Carty, Boren & Fowler Co. Ltd., Salmo—ladies' woollen knitwear	(1)
WOOD	
Ainsworth Lumber Co. Ltd., 100 Mile House—lumber	*Nil*
Bay Forest Products Ltd., Vancouver—lumber	15
Boundary Forest Products Ltd., Midway—lumber	60

1 Under five employees.

MAJOR MANUFACTURING PLANT EXPANSIONS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971—*Continued*

	Estimated New Employment
WOOD—*Continued*	
B.C. Forest Products Ltd., Cowichan Veneer Division, Youbou—lumber, veneer	30
Bulkley Valley Forest Industries Ltd., Houston—lumber	35
Crestbrook Forest Industries Ltd., Cranbrook, Canal Flats—lumber	*Nil*
Crown Zellerbach Canada Ltd., Fraser Mills—plywood	*Nil*
Danforce Manufacturing Ltd., Vancouver—kitchen cabinets, furniture	(1)
Eaglecrest Contracting Ltd., Parksville—lumber	*Nil*
Evans Products Co. Ltd., Donald—lumber, shingles, and shakes	93
Evans Products Co. Ltd., Commercial Lumber Co. Div., Lillooet—lumber	70
Ferguson Lake Sawmills Ltd., Bear Lake Townsite—lumber	*Nil*
Fien Lumber & Veneer Ltd., Sardis—lumber, veneer	12
Jacobson Brothers Forest Products Ltd., Williams Lake—lumber	*Nil*
Lavington Planer Mill Ltd., Vernon—lumber	38
Kalesnikoff Lumbering Co. Ltd., Tarry's Flat—lumber, chips, hog fuel	*Nil*
Kootenay Forest Products, a Division of the Eddy Match Co. Ltd., Nelson—plywood, lumber	84
Lignum Ltd., Williams Lake, Cariboo—lumber	*Nil*
MacMillan Bloedel Ltd., Chemainus Sawmill Division, Chemainus—lumber	*Nil*
Northwood Mills Ltd., Princeton—lumber, chips	65
O'Neil & Devine Ltd., Merritt—lumber	*Nil*
Pinette & Therrien Mills Ltd., Williams Lake—lumber	20
Rayonier Canada (B.C.) Ltd., Marpole—lumber	*Nil*
Revelstoke Sawmill (Radium) Ltd., Radium—lumber, wood chips	20
Savona Timber Co. Ltd., Savona—lumber, veneer	50
Skeena Forest Products Ltd., Terrace—lumber	*Nil*
Tappen Valley Timber Ltd., Tappen (near Salmon Arm)—lumber, wood chips	20
Triangle-Pacific Forest Products Ltd., Slocan—packaged lumber	*Nil*
Unique Industries Ltd., Port Coquitlam—kitchen cabinets	(1)
Zer-O-Loc Enterprises Ltd., Vancouver—laminated insulating panels, cold-storage rooms	(1)
FURNITURE AND FIXTURE	
Bel-Par Industries Ltd., Surrey—store fixtures, educational furniture, walk-in coolers and freezers	(1)
PAPER AND ALLIED	
Belkin Paperboard Ltd., Burnaby—paperboard	7
Canadian Forest Products Ltd., Howe Sound Pulp Division, Port Mellon—sulphate pulp	*Nil*
Columbia Cellulose Co. Ltd., Castlegar—sulphate pulp	*Nil*
Columbia Cellulose Co. Ltd., Prince Rupert—dissolving sulphite pulp, sulphate pulp	*Nil*
Crestbrook Pulp and Paper Ltd., Skookumchuck—bleached kraft pulp	*Nil*
Elk Falls Co. Ltd., Duncan Bay (near Campbell River)—sulphate and groundwood pulp, newsprint, and kraft paper	*Nil*
Intercontinental Pulp Co. Ltd., Prince George—bleached and unbleached kraft pulp	*Nil*
MacMillan Bloedel Ltd., Harmac Pulp Division, Cedar (near Nanaimo)—kraft pulp	*Nil*
MacMillan Bloedel Ltd., Powell River—sulphate, sulphite and groundwood pulp, newsprint, and other papers	*Nil*
MacMillan Bloedel Packaging Ltd., Folding Carton Division, Burnaby—corrugated boxes	*Nil*
Northwood Pulp Ltd., Prince George—bleached kraft pulp	*Nil*
Prince George Pulp & Paper Ltd., Prince George—sulphate pulp, kraft paper	*Nil*
Rayonier Canada (B.C.) Ltd., Port Alice—chemical cellulose	12

1 Under five employees.

MAJOR MANUFACTURING PLANT EXPANSIONS BUILT OR UNDER CONSTRUCTION IN BRITISH COLUMBIA, 1971—*Continued*

	Estimated New Employment
PAPER AND ALLIED—*Continued*	
Scott Paper Ltd., New Westminster—sanitary papers, wax paper, fruit wrappings	*Nil*
Westminster Paper Co. Ltd., Surrey—disposable medical gowns	5
Weyerhaeuser Canada Ltd., Kamloops—bleached kraft wood pulp	130
PRINTING, PUBLISHING, AND ALLIED	
The Columbian Co. Ltd., Coquitlam—printing and publishing	*Nil*
Finlay Printing Ltd., Kelowna—printed material	(1)
Victoria Press Ltd., Victoria—newspaper publishing	20
PRIMARY METAL	
Cominco Ltd., Trail—high-purity metals	10
Cominco Ltd., Trail—refined zinc	*Nil*
Esco Ltd., Port Coquitlam—steel castings	*Nil*
METAL FABRICATING	
B.C. Metals Protection Ltd., Surrey—pipe coating, wrapping, and lining	30
Corwest Fabrications Ltd., Burnaby—stainless steel pipe, fittings, and tanks	*Nil*
Dominion Bridge Co. Ltd., Burnaby—structural steel shapes	*Nil*
Fire-Hearth Mfg. Ltd., North Burnaby—metal fireplaces	(1)
Great West Steel Industries Ltd., East Burnaby—structural joists	30
Hudson Plating Co. Ltd., Vancouver—metal coatings	(1)
Tree Island Steel Co. Ltd., Richmond—strapping-wire, tie wire, nails, spring wire, core wire	(1)
MACHINERY	
Brunette Machine Works Ltd., New Westminster—logging, sawmill, and plywood mill equipment	10
Carter Machine Works Ltd., New Westminster—bottom dump-trailers, gravel boxes	*Nil*
Demag Material Handling Ltd., Surrey—electric hoists and cranes	*Nil*
Gearmatic Co. Ltd., Surrey—hydraulic winches	10
Heede International Ltd., Port Moody—climbing cranes	*Nil*
Mantle Industries Ltd., Delta—logging equipment, industrial scales	*Nil*
Rovalve Ltd., Port Coquitlam—stainless-steel valves	30
Wesdrill Equipment Ltd., Richmond—diamond drilling equipment	*Nil*
Willock Industries Ltd., Langley—industrial machinery	20
TRANSPORTATION EQUIPMENT	
Quayside Marine Ltd., Vancouver—boat-building and repair	5
G. W. Ribchester & Son Ltd., Burnaby—truck bodies	*Nil*
Seaspan International Ltd., North Vancouver District—ship-building	*Nil*
NONMETALLIC MINERAL PRODUCTS	
British Columbia Cement Co. Ltd., Bamberton—cement	*Nil*
Lafarge Concrete Ltd., Richmond—concrete block and pipe	8
Lafarge Concrete Ltd., Vancouver—readymix concrete	*Nil*
Ocean Cement Ltd., Vancouver—readymix concrete	*Nil*
CHEMICAL AND CHEMICAL PRODUCTS	
Electric Reduction Co. of Canada Ltd., North Vancouver—sodium chlorate	*Nil*
Reichhold Chemicals (Canada) Ltd., Port Moody—decorative paper overlays	(1)
Swift Chemical Company, a Division of Swift Canadian Co. Ltd., Burnaby—adhesive products	*Nil*
MISCELLANEOUS MANUFACTURING	
Aragon Recorders Division, Herschorn Productions Ltd., Vancouver—records, tapes	(1)

1 Under five employees.

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