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FOR REVIEW

PRICE INDEXES OF ELECTRIC UTILITY CONSTRUCTION

Distribution Systems

Transmission Lines

The base-weighted price indexes of the cost of constructing electric utility distribution systems and transmission lines in Canada express prices for materials, labour and equipment in a given year, as a percentage of prices for the same components of cost in the base year, 1961. Annual commodity, group and total indexes are presented herein for distribution systems and transmission lines.

DOMINION BUREAU OF STATISTICS APR 23 1970 ENERGY & MINERALS SECTION SECTION DE L'ENÉRGIE ET DES MINIÉRAUX FILE

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Characteristics of Recent Price Movement

To place recent index movements in their larger context, a brief review of changes in the supply and demand characteristics relating to electric utility construction is provided.

Related economic indicators*	1966 1965	<u>1967</u> 1966	1968 1967	<u>1969</u> 1968					
	Per cent change								
Capital expenditures in Canada(1)	+ 17.3	+ 1.5 ^r	$+ 2.3^{r}$	+ 10.7					
apital expenditure in electric utilities(1)	+ 21.6	+ 10.9 ^r	$+ 10.0^{r}$	+ 9.7					
expenditures in canada	7.6	8.3r	8 or	8.8					
ndexes of employment in construction(2)	+ 10.4	- 7.3 ^r	- 2.5°	- 0.1					
ndex of real domestic product for electric power(3)	+ 11.4	+ 8.8	$+ 8.6^{r}$	+ 9.7					
let generating capability(4)	+ 3.9	+ 8.4	+ 14.5 ^r	+ 6.9					
verage bond yield for 10 public utilities(5) indexes of employment by industry for electrical industrial	+ 13.2	+ 8.6	+ 12.0	+ 10.9					
equipment(6) ndex of real domestic product by manufacturers of electrical	+ 9.0	- 3.4	- 5.4	+ 5.2					
industrial equipment(7)	+ 13.3	- 8.1	- 4.8 ^r	+ 5.5					
alue index of selected imported electrical equipment (8)	+ 11.6	+ 25.2	- 16.4T	+ 23.6					

(1) Public and Private Investment in Canada, DBS Catalogue 61-205 Annual,

(2) Canadian Statistical Review, DBS Catalogue 11-003, Monthly.

(3) Indexes of Real Domestic Product, by Industry, DBS Catalogue 61-506.

(4) Annual Electric Power Survey of Capability and Load, DBS Catalogue 57-204, Annual.

(5) McLeod, Young, Weir and Company, 50 King Street West, Toronto.
(6) Employmentand Average Weekly Wages and Salaries, DBS Catalogue 72-002.

(7) Table 1 of Indexes of Real Domestic Product by Industry, DBS Catalogue 61-506, Annual, and Table II of Index of Industrial Production, without seasonal asjustment, DBS Catalogue 61-005, Monthly.

(8) Imports of Commodities, DBS Catalogue 65-D07, Monthly.

In some instances 1969 data include estimates made by Prices Division staff relating to the concluding months of the year. Ratios published relating to earlier years have been revised to incorporate final figures published by the relevant divisions.

T Revised figures.

Capital expenditures in Canada underwent a more pronounced increase of about 11 per cent in 1969 following modest gains in 1968 and 1967 of 2.3 and 1.5 per cent respectively. The 1969 increase falls short of the 17 per cent rise which occurred in 1966.

Capital expenditures by electric utilities in 1969 continued to expand at a rate consistent with the 10 per cent experienced in the previous two years. The electric utilities 1969 share of the capital expenditures dollar remainded relati-vely unchanged at nearly 9 per cent. Gains in net generating capability, though less pronounced than the previous year, continued to accompany increased capital expenditures and gains in real output by electric utilities.

On the supply side, employment in construction stood virtually unchanged, unlike the previous two years in which declines in employment occurred.

For the heavy electrical equipment manufacturing industry, real output exhibited increases in direct contrast to the declines shown in the previous two years. The value of imports of a selected list of important elements of electrical industrial equipment increased substantially in 1969 attributable to increases in imports of components of switchgear, power transformers and turbo-generators.

Average bond yields for utilities underwent a 10.9 per cent increase consistent with sharp rises exhibited over the past four years.

The index behaviour accompanying these changes in aggregative supply and demand indicated rises or small declines. The distribution systems index rose 4.2 per cent in 1969, the largest rise since 1966. The transmission lines increase at 5.6 per cent in 1969, equaled the highest annual index gain set in 1965. Small declines in distribution systems equipment and western cedar pole indexes were offset by sizeable increases in the other components of the indexes such as labour, hardware, towers, cross-arms and distribution poles. A further discussion of wage rate changes follows below.

The distribution systems index has been adjusted to reflect the rates of federal sales tax now applicable in 1967 and 1968 for distribution transformers.



Price index of electric utility construction	<u>1966</u> 1965	<u>1967</u> 1966	<u>1968</u> 1967	<u>1969</u> 1968
		per cent	change	
ecent price index percentage changes				
Distribution systems	+ 4.9	+ 3.4 ^r	- 1.4 ^r	+ 4.2
Construction	+ 5.4	+ 5.8	+ 0.8 ^r	+ 5.5
Materials	+ 6.2	+ 1.9	- 4.3 ^r	+ 4.0
Poles	+ 8.0	- 4.1	- 5.1r	+ 5.9
Conductors	+ 8.9	+ 4.0	- 6.7 ^r	+ 0.6
Labour	+ 4.7	+ 11.9	+ 7.8 ^r	+ 7.8
Construction equipment	$+ 1.8^{r}$	+ 4.8 ^r	+ 2.6 ^r	+ 3,9
Distribution Systems equipment	+ 3.8 ^r	- 3.3 ^r	- 4.15	- 0.1
Transmission lines	+ 4.1	+ 5.0 ^r	+ 2.7 ^r	+ 5.6
Materials	+ 3.5	+ 2.5	+ 0.4	+ 4.5
Poles, western cedar	+ 13.5	+ 6.2	- 2.0r	- 1.5
Hardware	+ 2.2	+ 5.7	$+ 0.4^{r}$	+ 6.4
Towers	0.0	- 4.9	+ 0.4	+ 8.7
Conducters, ACSR	+ 1.5	+ 3.3	+ 0.2	+ 2.8
Insulators	+ 5.5	+ 5.4	+ 4.2	+ 8.6
Labour	+ 6.4	+ 12.3	+ 8.5	+ 8.4
Construction equipment	+ 2.4r	+ 4.5r	+ 2.3r	+ 2.9

Wage Rates

Wage rate increases in 1969 approximated those of the previous year, showing changes substantially less than those recorded in 1967 but exceeding the more modest increases of 1966. In 1969 the rates of change were uniform for all trades and among all provinces.

	<u>1966</u> 1965	<u>1967</u> 1966	<u>1968</u> 1967	Preliminary <u>1969</u> 1968
Distribution systems Linemen Groundmen Mechanics	+ 4.6 + 4.8 + 4.5	+ 13.1 + 10.2 + 12.5	+ 7.5 + 8.1 + 7.9	+ 7.5 + 8.3 + 7.5
Transmission Lines Linemen Groundmen Mechanics	+ 5.7 + 7.0 + 5.3	+ 14.3 + 10.9 + 13.3	+ 7.6 + 7.4 + 7.7	+ 7.5 + 9.1 + 7.7

Users are asked to note the following changes which have affected index calculations.

Transformation and Switching Stations Index

Recent judgemts affecting appropriate Federal Sales Tax rates for the commodity indexes have delayed the preparation of this index. Discussions with utility representatives serving on taxation committees have also uncovered inaccuracies in application of Federal Sales Tax for some index items. The index which will be released later in the year will continue to utilize unchanged the published 1961 weighting pattern and list of commodities. However, tax rates will be appropriate only for transformation stations and the index will be referred to as <u>Transformer Stations</u>. It is believed that the largest proportion of transformation and switching station capital relates to transformer stations. For users requiring commodity indexes appropriate to switching stations, the indexes for power circuit breakers and metalclad switchgear which exclude Federal Sales Tax will be available.

Revisions to commodity indexes

Some commodity indexes included in distribution systems and transmission lines utilize prices collected for the Industry Selling Price Indexes. These latter indexes were recently revised both as to content and time reference base. The movement of these new indexes has been incorporated wherever relevant and in some instances price movement between 1962 and 1968 has been revised. All of the commodity revisions were fractional in nature and in some instances the total indexes were not affected by the revisions. Revised indexes are marked with an "r" in the tables. Users requiring more information about these revisions should consult <u>industry Selling Price Indexes 1956 - 1968</u> DBS Catalogue No. 62-528, Occasional. The revised schedule of Federal Sales Tax rates has affected the index for distribution transformers for 1967 and 1968. The equipment index and the total index were in turn changed because of this revision. A table of prevailing Federal Sales Tax rates follows.

Revised Federal Sales Tax Rates for Distribution Systems and Transmission Lines

		Tax rates for commodities subject to tax								
	Tax exempt item	to 9/4/59	10/4/59 E0 31/12/66	1/1/67 to 31/3/67	1/4/67 to 1/6/67	2/6/67 to present				
Distribution Systems			*							
Poles	Х									
Distribution Transformers		10	11	11	6	0				
All other index items		10	11	12	12	12				
Transmission Lines										
As above, except distribution transformers are not										

included in the index



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TABLE I. Price Indexes of Electric Utility Distribution Systems, Major Components and Items, Canada, Annually, 1956-69

(1961=100)

	Indexes													
Total, major components and items	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Distribution systems	95.1	96.5	93.2	96.8	100. 3	100.0	101.8 ^r	102.5	104.6	107.1	112.4	116.1 ^r	115.6	120.5
Construction	92.7	91.9	93.5	96,3	98.5	100.0	102.5	105.2	107.7 ^r	112.3 ^r	118.4 ^r	125.3 ^r	126.3	133.3
Materials(1)	103.8	100.4	98.7	100.6	100.3	100.0	101.8	103.9	105.2	110.0	116.8	119.0	113.9	118.4
Poles	99.1	97.5	99.1	104.8	99.3	100.0	104.0	108.4	107.3	121.1	130.8	125.4(2)	119.0	126.0
Eastern cedar	120.8	101.9	101.3	116.2	100.2	100.0	109.0	112.1	109.1	109.8	121.4	-	-	
Western cedar	97.7	97.2	99.0	104.1	99.2	100.0	103.6	108.1	107.2	121.8	131.4		-	
Crossarms	113.1	97.4	94.9	110.2	105.7	100.0	111.9	116.6	128.0	128.2	129.9	133.2	138.6	157.6
Hardware	96.5	97.4	99.5	99.7	100.0	100.0	101.3	103.5	103.5	102 0	101 3r	106.8	107.8	116.3
Secondary racks	95.9	96.7	98.8	99.6	99.9	100.0	102.6	104.4	104.4	98.6	90.1 ^r	94.4	97.0	108.9
Other hardware	96.8	97.7	99.8	99.7	100.0	100.0	100.9	103.2	103.2	103.3	105.6 ^r	111.6	112.0	119.2
Conductors	107.9	103.4	99.1	98.1	100.2	100.0	99.7	100.6	102.3	106.6	116.1	120.8	112.7	113.4
Triplex Polyethylene insu-	102.9	105.5	102.3	97.8	100.0	100.0	98.1	97.4	97.2	99.4	103.4	105.9	96.2	93.4
lated - Aluminum	102.9	105.5	102.3	97.8	100.0	100.0	98.1	97.4	97.3	99.6	103.5	105.7	95.4	94.5
Copper	123.0	96.9	89.3	99.0	100.7	100.0	104.6	110.3	117.5	128.0	153.9	165.5	162.9	172.3
Insulators	94.9	95.2	95.9	98.7	102.0	100.0	100.6	101.4	101.4	106.0	111.8	117.8	122.7	133.3
Luminaires	96.1	97.1	97.0	99.2	100.1	100.0	101.2	102.7	103.0	98.5	95.2	95.7	91.0	93.1
Labour	75.7	78.5	84.9	89.3	95.3	100.0	104.3	108.3	112.8	117.8	123.3	138.0	148.7	160.3
Groungmen	/5.0	78.1	84.6	88,8	95.0	100.0	104.3	108.5	113.0	118.0	123.7	136.3	147.5	159.8
Lanemen	/0,1	/8.8	85.1	89.6	95.5	100.0	104.2	108.2	112.8	117.6	123.0	139.1	149.5	160,7
Construction equipment	85.2	90.1	93.8	96.2	98.9	100.0	QR. ST	og sr	100 95	101 65	102 48	109 /7	111 2	115.5
Equipment - Trucks	82.6	90,5	95.7	97.8	99.6	100.0	101.21	103.21	103 OF	102 11	102 65	105.4*	107.4	109.3
Operating expenses	87.7	89.7	91.9	94.5	98.2	100.0	96.4	96. 5r	98.9r	101.0	104.21	111 31	115.1	121.6
Mechanics(3)	75.7	78.5	84.9	389.3	95.3	100.0	104.3	108.3	112.8	118.1	123.4	138.8	149.9	161.0
Other Operating Expenses(4)	94.9	96.3	96.2	97.7	99.9	100.0	91.6 ^r	89.5T	90.6 ^r	90.7	92.6r	94,9 ^r	94.2	97.9
Distribution systems equipment(1)	100.4	106,6	92.5	97.9	104.3	100.0	100.4	96.4	97.6	95.4	99.05	95 7I	91.8	91.7
Meters	89.4	96.7	98.3	99.1	100.0	100.0	100.0	99.1	98.6	98.6	98.6	100.9	101.9	101.8
Transformers	107.3	112.9	88.9	97.1	107.1	100.0	100.6	94.7	96.9	93.3	99. 3r	92.5 ^r	85.4	85.4
(1) Combined materials and distribution			-				_	-		1000				
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(3) In 1965, Federal Department of Labour Fair Wage Rates were replaced by wage rates reported by a sample of electric utilities and contractors. See also footnote 1, Table 4.

(4) The component indexes of Other Operating Expenses are shown in Table 2.

TABLE II. Price Indexes of Electric Utility Transmission Lines, Major Components and Items, Canada, Annually, 1956-69

(1961=100)

	Indexes													
Total, major components and items	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
									1	1				a line
Transmission lines	92.1	94.4	95.7	97.0	98.9	100.0	100.9	102.3	102.7	108.5	113.0	118.7 ^r	121.9 ^r	128.7
Materials	98.5	100.3	99.8	100.0	100.3	100.0	99.9	100.5	99.6	105.7	109.4 ^r	112.1	112.5	117.6
Poles, towers and fixtures	95.8	97.3	98.8	102.0	100.3	100.0	101.3	103.1	103.5	108.7	114 OT	115.5	115 4	121 /
Poles, western cedar Crossarms Hardware Towers	97.7 113.1 96.8 90.8	97.2 97.4 97.7 97.1	99.0 94.9 99.8 99.0	104.1 110.2 99.7 99.8	99.2 105.7 100.0 100.0	100.0 100.0 100.0 100.0	100.4 111.9 100.9 100.0	103.8 116.6 103.2 100.0	101.8 128.0 103.2 100.0	115.2 128.2 103.3 102.3	130.7 129.9 105.6 ^r 102.3	138.8 133.2 111.6 97.3	136.0 138.6 112.0 97.7	134.0 157.6 119.2 106.2
Conductors and insulators	101.2	103.5	100.9	97.9	100.3	100.0	98.5	97.9	95.5	102.6	104.7	108.5	109.5	113.7
Conductors, ACSR Insulators	102.4 94.9	105.0 95.2	101.9 95.9	97.7 98.7	100.0 102.0	100.0 100.0	98.1 100.6	97.3 101.4	94.4 101.4	101.9 106.0	103.4 111.8	106.8 117.8	107.0	110.0 133.3
Labour	75.2	78.3	84.5	88,7	94.9	100.0	104.6	108.6	112.8	118.9	126.5	142.0	154.1	167.0
Groundmen Linemen	74.7 76.0	78.0 78.7	84.2 85.0	88.3 89.3	94.6 95.4	100.0 100.0	104.7 104.5	108.8 108.2	113.0 112.5	119.2 118.4	127.5 125.1	141.4 143.0	154.4 153.6	168.4 165.1
Construction equipment Equipment	84.2 78.2	88.2 84.3	91.5 89.9	94.3 93.2	97.5 96.1	100.0 100.0	99.0 ^r 103.7 ^r	99. 3 ^r 104. 8 ^r	101.3 ^r 106.9 ^r	102.8 ^r 108.6 ^r	105. 5 ^r 110. 9 ^r	110. 3 ^r 114. 7 ^r	112.8 117.5	116.1 118.2
Bulldozers Compressors Trucks	76.9 75.1 82.6	82.6 79.9 90.5	87.9 86.0 95.7	92.0 89.8 97.8	95.3 93.5 99.6	100,0 100.0 100.0	104.2 105.6 101.2 ^r	106.2 105.0 103.2 ^r	111.0 106.8 103.0 ^r	112.3 111.2 102.1 ^r	112.5 117.6 102.6 ^r	116.3 122.3 105.5 ^r	120.4 124.8 107.4	125.4 119.9 109.3
Operating expenses	90.2	92.1	93. I	95.4	98.8	100.0	94.3	93.8	95.6r	97.0	100.0	105.8r	108.1	114.0
Mechanics(1) Other Operating Expenses	75.2 95.2	78.3 96.7	84.5 96.0	88.7 97.7	94.9 100.1	100.0 100.0	104.6 90.8	108.6 88.8r	112.8 89.9 ¹	118.1 89.9	124.4 91.9 ^r	141.0 94.1 ^r	151.9 93.5	163.6 97.4
Diesel fuel Gasoline Lubricating oils Tires Tubes Repair parts	99.1 96.5 91.0 94.4 93.1 93.4	103.2 99.6 94.1 94.1 92.5 95.3	97.9 99.8 94.5 92.8 89.7 96.6	99.6 99.9 96.0 96.2 88.9 97.3	100.0 99.5 98.4 101.7 88.9 98.7	100.0 100.0 100.0 100.0 100.0 100.0	101.7 98.4 ^r 100.0 79.1 100.8 100.7 ^r	103.0 ^r 90.7 99.8 79.7 ^r 100.8 103.2 ^r	101.2 ^r 91.5 99.2 82.0 ^r 100.8 103.0 ^r	98.1 88.4 99.5 84.7 ^r 102.2 ^r 104.2 ^r	97.6 ^r 88.7 ^r 103.0 ^r 88.8 ^r 99.7 104.9 ^r	98.6 89.7 107.6 92.1 100.3r 107.5 ^r	102.7 90.0 112.7 89.0 100.8 108.9	104.9 91.7 117.6 95.4 100.6 111.2

(1) In 1965, Federal Department of Labour Fair Wage Rates were replaced by wage rates reported by a sample of electric utilities and contractors. See also footnote Table III.



TABLE III. Wage Rate Indexes for Distribution Systems Construction, Canada and Nine Provinces, 1956-69(1)

(1961=100)

Section States	Indexes													
	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Linemen	4.7													
Newfoundland	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	110.7	115.5	118.9	130.3	139.9
Nova Scotia	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	113.6	119.3	126.4	142.6	152.6
New Brunswick	74.2	76.6	87.9	90,6	96.9	100.0	104.3	105.5	107.4	112.2	117.4	129.4	140.2	150.1
Quebec	73.9	75.0	81.8	86,9	93.7	100.0	109.7	113.6	118.7	123.5	128.7	160.6	168.7	179.7
Ontario	78,2	81.2	83.9	85.6	94.6	100.0	103.4	106.7	110.4	114.9	119.8	130.1	140.7	154.0
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9	117.3	. 126.8	138.5	146.5
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.8	122.7	133.3	141.2	151.0
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.6	122.6	130.4	143.4	156.8
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.2	126.5	138.4	151.7	162.3
Canada	76.1	78.8	85.1	89.6	95.5	100.0	104.2	108.2	112.8	117.6	123.0	139.1	149.5	160.7
Groundmen														
Newfoundland	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.0	121.4	125.8	139.0	149.2
Nova Scotia	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.9	125.6	133.6	149.6	163.0
New Brunswick	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.0	126.7	135.6	146.9	155.2
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	124.0	129.8	146.9	154.5	164.5
Ontario	74.0	78.2	84.4	86.0	94.8	100.0	102.9	106.2	109.4	114.4	119.8	130.8	143.2	157.3
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.5	120.7	136.1	151.4	166.2
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100,0	105.1	110.9	113.9	118.7	124.7	131.9	140.9
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.5	123.0	130.5	144.4	164.4
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	118.4	125.7	137.8	150.8	161.6
Canada	75.0	78.1	84.6	88.8	95.0	100.0	104.3	108.5	113.0	118.0	123.7	136.3	147.5	159.8

(1) For the period 1956 to 1964 wage rate indexes were derived for nine major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, Union wage rate data for basic wage rates reported by major utilities and some contractors were incorporated into the index. The sample selected provides an estimate of wage rate change for each province and represents urban own-account and contract electric utility construction. 7 .

TABLE IV. Wage Rate Indexes for Transmission Lines Construction, Canada and Nine Provinces, 1956-69(1)

(1961 = 100)

	Indexes													
	1956	1957	19 58	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	Pre- limi- nary 1969
Linemen														
Newfoundland	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	110.7	115.5	118.9	128.2	139.8
Nova Scotia	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	113.6	119.3	126.4	142.6	152.6
New Brunswick	74.2	76.6	87.9	90.6	96.9	100.0	104.3	105.5	107.4	112.2	117.4	129.4	140.2	150.1
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	126.8	133.9	171.0	179.6	191.3
Ontario	78.2	81.2	83.9	85.6	94.6	100.0	103.4	106.7	110.4	114.5	120.2	130.0	141.2	153.8
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9	117.3	126.8	137.8	146.1
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.8	122.7	133.3	141.2	151.0
Alberta	77.4	82.2	86.3	91.1	94.5	100.0	102.4	104.1	108.2	112.6	122.6	130.4	143.4	156.8
British Columbia	74.2	78.2	87.7	95.4	98.2	100.0	101.8	107.4	112.3	119.4	126.9	141.1	153.6	164.0
Canada	76.0	78.7	85.0	89.3	95.4	100.0	104.5	108.2	112.5	118.4	125.1	143.0	153.6	165.1
Groundmen														
Newfoundland	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	117.0	121.4	125.8	137.4	151.4
Nova Scotia	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.9	125,6	133.6	149.6	163.0
New Brunswick	81.0	86.4	90.5	92.5	96.6	100.0	106.1	110.9	115.6	120.0	126.7	135.6	146.9	155.2
Quebec	73.9	75.0	81.8	86.9	93.7	100.0	109.7	113.6	118.7	127.5	136.4	157.8	166.0	176.8
Ontario	74.0	78.2	84.4	86.0	94.8	100.0	102.9	106.2	109.4	115.6	122.9	132.2	143.1	157.5
Manitoba	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	116.5	120.7	136.1	151.6	165.6
Saskatchewan	77.6	80.8	88.5	94.2	97.4	100.0	100.0	105.1	110.9	113.9	118.7	124.7	131.9	140.9
Alberta	71.8	73.9	79.8	85.6	91.0	100.0	103.2	107.4	109.0	113.5	123.0	130.5	144.4	164.4
British Columbia	73.1	78.1	83.6	89.5	95.0	100.0	102.3	107.3	111.9	117.4	130.7	152.8	184.4	206.0
Canada	74.7	78.0	84.2	88.3	94.6	100.0	104.7	108.8	113.0	119.2	127.5	141.4	154.4	168.4

(1) For the period 1956 to 1964, wage rate indexes were derived for nine major cities from data supplied by the Labour Standards Branch of the Department of Labour. In January 1965, union wage rate data for basic wage rates reported by major utilities and some contractors were incorporated in the index. The sample selected provides an estimate of wage rate change for each province and represents urban own-account and contract electric utility construction.





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