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## CANADA

 DEPARTMENT OF TRADE AND COMMERCE DOMINION BUREAU OF STATISTICS BUSINESS STATISTICS BRANCH
## SURVEY OF PRODUCTION

IN

## CANADA

1938-1943


OTTAWA 1946
$\square$

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## PREFACE

The present "Survey" analyses Canadian production from 1938 to 1943 in the manner standardized during recent years. The dollar values of eross and net production for the yoars undar review, shown for the nine main industrial groups, and for the nine provinces, present a picture of expansion occasioned by war demand.

The text and the percentrge anelyses are based entirely on the net totals which are obtained by the method outlined in the text. Changes in the net output of each industry and of each province, both in actual value and in relation to the Canadian agregate, are shown by magotage tables. Not production value in the manufacturing industries is subjected to a detailed breakdovm.

Finally, gross and net output values during the period are given hy industrial proups for each of the provinces and the Territories. Percentage tables show the relative productive importance of the nine industrial groups within the province for the five years.

The present report: is of partivilar interest insofnr as it outlires the increase in Canadian production from 1938 tc the fourth complete war year. It is hoped that although comuaratively brief, it will aid the reader in frafing the inusect of the war on the Centidian econony.

## Nerbert Marshase

H. Marshall. Dominion Statistician.
Page
Susvey of Production, 1938 to 1943 ..... 5
Chart 1 Talue of Canadian Production ..... 6
Tables, 1,2 Gross and Net Talue of Production ..... 7
Table 3 Percentage Analysis of Canadian Production ..... 7
Table 4 Percentage Increase in the Tolume of Production, 1938 - 1943 ..... 8
Tabl 5 Production Adjusted for Price Change ..... 8
Chart 2 Talue of Canadian Production by Group: ..... 10
Tables 6. 7 Falue of Manufacturing Production by Groups ..... 11
Table 8 Processing Industries in Canada ..... 11
Table 9,10 , Provincial Distribution of Production ..... 12
Table 11 Torest Products Dupilcation ..... 12
Chart 3 Belative Importance of Groupe ..... 14
Tables 12, 13, 14 Prince Tdwand Island - Faiue of Production - Percentage Analysis ..... 15
Tables 15, 16, 17 Mova Scotib - Value of Production-Percentage Analysis ..... 16
Chart 4 Net Value of Production by Groups on Bage of 1938 ..... 18
Tables 18, 19, 20 Hew Brunswick - Faive of Production - Percentage Analysis ..... 19
Tables 21, 22, 23 Quobes - Falue of Production - Percentage Analysi a ..... 20
Chart 5 Froduction in Nins Manufacturing Groupe. $1938=100$ ..... 22
Table 24, 25, 26 Ontario - Falue of Production - Percentage Analysis ..... 33
Table 27, 28, 29 Manttobe - Value of Production - Percentage Analjol. ..... 24
Chart 6 Relative Importance of Hine Oroupe, Martimes ..... 26
Table: 30. 31, 32 Sackatchewan - Value of Froduetion = Percentage Analyaie ..... 27
Tablea 33, 34, 35 Alberta - Talue of Production - Percontage Analyele ..... 28
Chart 7 Belative Importance of Groupa, Quebec. Ontario, Manitoba ..... 30
Tablet 36. 37. 38 British Columbia - Falue of Production - Percentago Analysi ..... 31
Tables 39. 40, 41 Tukon and Forthwest Territories - Faiue of Production - Percentage Anaigele. ..... 32
Chart 8 Rolative Importance of Groupe, Sakatchowan, Alberta and British Columbia ..... 34
Tables 42, 43. 44 Processing Industmes, Fova Scotia, Quebec, Ontario ..... 35
Tablee 45, 46. 47 Processing Induetries, Manitoba, Alberta and British Columbla ..... 36

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The industrial expansion of Canada occasioned by war derand was one of the remarkable achievements of the last six years. The gross revenues of nine industrial groups engaged in the production of commodities recorded an increase of $125 \mathrm{p} . \mathrm{c}$. in 1943 over 1938, the last full yeir of peace-time conditions. The total mas $\$ 11,960$ million, constituting up to that time a maximum in Canadian industrial history.

Aside from trapping, a small industry greatly affected by price chonges, the outstanding advance was recorded by manufactures. The total revenue of the group rose from $\$ 3,338$ million in 1938 to $\$ 8,733$ million, representing a giin of no less than 161.6 p.c. Fisheries including the curing and packing plants and forestry embracing, samilling and pulp and paper, the secondary phases of these industries, showed increases in gross revenue of $123 \mathrm{p} . \mathrm{c}$. , and $91 \mathrm{p} . \mathrm{c}$. , respectively.

The gross revonue of agriculture from farming operations computed on a new basis rose from $\$ 827$ million to $\$ 1,524$ million. As the increase was 84.4 p.c., agricultare was fifth in relutive expansion among the nine industries, the absolute advance having been second only to manufactures. (See Table 1 and Chart 1.)

The subsequent analysis is confined to the net production of commodities, net production signifying the value left in the producers' hands after the elimination of the cost of raw materials, iuel and purchased electricity consumed in the production process. It is observed that owing to the prosperous conditions occasioned by the war each of the nine inaustrial groups participated in the advance. The net production of commodities on this footing was $\$ 6,251$ million, an increase of 116.0 p.c. over 1938. The gain in manufactures and agriculture was 167 p.c. and 90 p.c., respectively. The two groups contributed nearly $83 \mathrm{p} . \mathrm{c}$. of the entire advance in the net value of comodities.




CANADA
Table 1. - Gross Value of Production

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ | \$ | \$ | \$ |
| Asriculture | $826,737,000$ | 900,384,000 | 970,014,000 | 1,013, 763,000 | 1,615,453,000 | 1,524,379,000 |
| Forestrj | 425,019,266 | 466,032,290 | 627,365,611 | 711, 004,556 | 763,988,245 | 810,154,089 |
| Itsherien | 53,082,700 | 52,883,913 | 60,053,632 | 82,522,675 | 103,118,177 | 118,610.634 |
| Trapplag | 6,572.824 | 7,919.412 | 11,207.930 | 15, 1.38,040 | 23,801,213 | 21,579,615 |
| Mining | 653,781,836 | 663,342,816 | 748,344,045 | 866,293,332 | 946,021,397 | 974,414,921 |
| Slectric Power | 144,331,627 | 151,880,969 | 166,228,773 | 186,080,354 | 203,835,365 | 204,801,508 |
| Less: ${ }_{\text {Duplication }}$ Forest Production | 34,798,138 | 37,202,976 | 43.593.ल07 | 41,600,143 | 46,974,440 | 64,000,614 |
| Total - Primary Production | 2,074,727,115 | 2,205,240, 424 | 2,539,520,983 | 2,833,201,814 | 3,609,242,957 | 3,589,939,153 |
| Construction | 353,223,285 | 373,203,680 | 474, 122,778 | 639,750,624 | 635,649,570 | 572,426,551 |
| Custom and Eepalr | 156,890,000 | 160,374,000 | 164,481,000 | 192,733,000 | 208,379,000 | 213,622,000 |
| Manufactures - Total | 3,237,681,365 | 3,474,783,528 | 4,529,273,316 | 6,076,308,124 | 7, 553, 794,972 | 8,732,860,999 |
| Manufactures, n.ene. | 2,727,450,017 | 2,854,455,562 | 3,728,036,597 | $5,118,859,148$ | 6,482,557,206 | 7,583,964,183 |
| Total - Secondary Production. | 3,847,794,651 | 4,008,361,208 | 5,167,777,094 | 6,908,791,748 | 8,397,823,542 | 9,518,909,550 |
| Lese: Duplication | 610, 231,349 | 620,327,866 | 801,136,719 | 957, 448,976 | 1,071,237,766 | 1,148,896,816 |
| GRND TOTAL | 5,312,290,417 | 5, 593,273,756 | 6,906,161,358 | 8,784,544,586 | 10,935,838,733 | 11,959,951,887 |

Table 2. - Fet Value of Production

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ | \$ | \$ | \$ |
| Agriculture | 656,016,000 | 722,263,000 | 774,023,000 | 803,1.85,000 | 1,351,606,000 | 1,245,843,000 |
| Porestry | 244,564,571 | 271,723, 416 | 370,121,275 | 421,419,139 | 429,079,260 | $462,815,227$ |
| F1 sterles | 35,593,009 | 34,378,681 | 36,106,690 | 51,769,638 | 64,821,702 | 74,655,678 |
| Trapding | 6,572,824 | 7,219,412 | 11,207,930 | 15,138,040 | 23,801,213 | 21,579,515 |
| Mining | 374, 415,674 | 393,232,044 | 448,080,729 | 497,904,632 | 514,109,951 | 475,529,364 |
| Electric Power Lest: | 142,320,725 | 249,863,892 | 163,790,757 | 183,146, 426 | 200,345, 240 | 200,833, 297 |
| Duplication Forest Production | 34,798, 138 | 37,202,976 | 43,693, 007 | 41,600,143 | 46,974, 440 | 64,000,614 |
| Total - Primary Production .. | 1,424,684,655 | 1,542,177,469 | 1,761,627,374 | 1,930,962,732 | 2,536,788,926 | 2,417, 255,567 |
| Constraction | 176,661,077 | 183,706,338 | 206,893,992 | 269,561,885 | 310,917,190 | 293,538,167 |
| Custom and Eepalr | 108,936,000 | 108,821,000 | 111,608,000 | 130,778,000 | 141,395,000 | 144,952,000 |
| Kanufactures - Total | 1,428,286,778 | 1,531,051,901 | 1,942,471,338 | 2,605,119,788 | 3,309,973,758 | 3,216,413,541 |
| Manufacturen, n.e. ${ }^{\text {. }}$ | 1,188,800,676 | $1,277,265,130$ | 1,591,625,600 | 2,194,821,273 | 2,883,771,788 | 3,405, 712,025 |
| Total - Secondary Production. | 1,713,883,855 | 2,823,579,239 | 2,260,973, 230 | 3,005, 459,673 | 3,762, 285,948 | 4, 254,903,708 |
| Leve: Duplication | 239,486,102 | 253,786,771 | 350,845,638 | 410,298,515 | $426,201,970$ | 410,701,516 |
| GRAND TOTAL | 2,899,082,418 | 3,211,969, 837 | 3,671,754,966 | 4,526,123,890 | 5,872,872,904 | 6,361,457,759 |

Table 3. - Porcentage Analysis of the Net Talue of Production

| Induetry | Net Talue in 1938 equaling 100 |  |  |  |  |  | Orand Total Net Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 110.1 | 118.0 | 122. | 206.0 | 189.9 | 22.6 | 23.2 | 21.0 | 17.9 | 23.0 | 19.9 |
| Forestry | $100 . \mathrm{C}$ | 111.1 | 151.3 | 172.3 | 175.4 | 189.2 | 8.5 | 8.7 | 10.1 | 9.3 | 7.3 | 7.4 |
| Iisheries | 100.0 | 96.6 | 107.1 | 145.4 | 182.1 | 209.7 | 1.2 | 2.2 | 2.1 | 1.1 | 1.1 | 1.2 |
| Traphng | 100.0 | 120.5 | 170.5 | 230.3 | 362.1 | 328.3 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.3 |
| Mining | 100.0 | 105.0 | 119.7 | 133.0 | 137.3 | 127.0 | 12.9 | 12.6 | 12.2 | 12.0 | 8.8 | 7.6 |
| Electric Power | 100.0 | 105.3 | 115.1 | 128.7 | 140.8 | 141.1 | 4.9 | 4.8 | 4.5 | 4.0 | 3.4 | 3.2 |
| Duplication Forest Production |  |  |  |  |  |  | 1.2 | 1.2 | 1.2 | 0.9 | 0.8 | 1.0 |
| Total - Primary Production .. | 100.0 | 108.2 | 123.7 | 135.5 | 178.1 | 170.0 | 49.1 | 49.6 | 48.0 | 42.7 | 43.2 | 38.6 |
| Construction | 100.0 | 104.0 | 117.1 | 152.6 | 176.0 | 166.2 | 6.1 | 5.9 | 5.6 | 6.0 | 5.3 | 4.7 |
| Custom and Repair | 100.0 | 99.9 | 102.5 | 120.1 | 130.0 | 133.1 | 3.8 | 3.5 | 3.1 | 2.8 | 2.4 | 2.2 |
| Manufactures - Total | 100.0 | 107. 2 | 336.0 | 182.4 | 231.7 | 267.2 | ( 49.3 ) | $(49.2)$ | (52.9) | $(57,6)$ | $(56,4)$ | (61.0) |
| Macufactures, m.e.s. | 100.0 | 107.4 | 133.9 | 184.6 | 242.5 | 286.5 | 41.0 | 41.0 | 43.3 | 48.5 | 49.1 | 54.4 |
| Total - Secondery Eroduction. | 100.0 | 106.4 | 131.9 | 175.4 | 219.5 | 248.3 | 59.2 | 58.6 | 61.6 | 66.4 | 64.1 | 68.0 |
| Duplication | 100.0 | 106.0 | 146.5 | 171.3 | 178.0 | 171.5 | 8.3 | 8.2 | 9.6 | 9.1 | 7.3 | 6.6 |
| ORND TOEAL | 100.0 | 107.3 | 126.7 | 156.1 | 202.6 | 216.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## SURVEI OF PRODUCTION IN CANADA, 1938 TO 1943

CANADA
Table 4. - Volume of Production Ixpressed in Terms of 1938 equalling 100, (See also Table 5.)

| Industry | Percentages of 1938 Net Values |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 126.0 | 129.4 | 126.6 | 183.8 | 145.7 |
| Forestry | 100.0 | 108.7 | 132.1 | 139.1 | 133.5 | 133.8 |
| Porestry, a.e.s. (x) | 100.0 | 109.4 | 135.8 | 146.1 | 138.6 | 134.5 |
| Msherias | 100.0 | 94.8 | 92.9 | 112.6 | 118.0 | 117.8 |
| Trapping | 100.0 | 87.4 | 154.3 | 152.2 | 259.8 | 170.2 |
| Mining | 100.0 | 104.0 | 109.7 | 117.3 | 118.1 | 107.0 |
| Electric Power | 100.0 | 108.3 | 115.1 | 127.4 | 142.2 | 154.7 |
| Conetruction | 100.0 | 103.3 | 109.1 | 126.7 | 136.2 | 122.2 |
| Cuctom and Repai I | 100.0 | 104. 2 | 97.1 | 104.8 | 106.7 | 104.6 |
| Manufactures - Total | 100.0 | 111.3 | 130.5 | 160.6 | 197. 2 | 224.4 |
|  | 100.0 | 111.5 | 128.5 | 162.5 | 206.4 | 240.5 |
| Primary Production | 100.0 | 115.0 | 122.9 | 126.9 | 154.5 | 134. 2 |
| Secondary Production | 100.0 | 110.0 | 126.2 | 153.5 | 185.2 | 206.2 |
| Drplication ....... | 100.0 | 110.0 | 140.6 | 150.8 | 151.5 | 144.0 |
| GRAND TOTAL ..................... | 100.0 | 112.5 | 123.4 | 140.7 | 172.9 | 178.2 |

(x) Based on the value of woods operations after deduction of the output on wood lots of farms for sale or use by the farmer.

Table 5, - Adjustment of Net Production for Price Changes 1938-43, the Totale being Expressed in Dollars of 1938.

| Industry and Nature of Price I | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture $\qquad$ <br> Price Index Cansdian farm products. Transferred to base of 1938 <br> Value $\div$ Price Index on base 1938. | $\begin{gathered} 656,016,000 \\ 73.6 \\ 100.0 \\ 656,016,000 \\ \hline \end{gathered}$ | $\begin{array}{r} 722,363,000 \\ 64.3 \\ 87.4 \\ 826,387,800 \\ \hline \end{array}$ | $\begin{gathered} 774,023,000 \\ 67.1 \\ 91.2 \\ 848,709,400 \\ \hline \end{gathered}$ | $\begin{gathered} 803,185,000 \\ 71.2 \\ 96.7 \\ 830,594,600 \\ \hline \end{gathered}$ | $\begin{array}{\|} 1,351,606,000 \\ 82.5 \\ 112.1 \\ 1,205,714,500 \end{array}$ | $\begin{gathered} 1,245,843,000 \\ 95.9 \\ 130.3 \\ 956,134,300 \\ \hline \end{gathered}$ |
| Forestry - Total <br> P. Index, Hood, Wood Froducta \& Paper Transferred to base of 1938 <br> Talue $\div$ Price Indar on base 1938. | $\begin{gathered} 244,564,571 \\ 77.5 \\ 100.0 \\ 244,564,571 \\ \hline \end{gathered}$ | $\begin{gathered} 271,723,416 \\ 79.2 \\ 102.2 \\ 265,874,180 \\ \hline \end{gathered}$ | $\begin{array}{r} 370,121,375 \\ 88.9 \\ 114.6 \\ 322,967,950 \\ \hline \end{array}$ | $\begin{array}{r} 421,419,139 \\ 96,0 \\ 123,9 \\ 340,128,440 \\ \hline \end{array}$ | $\begin{gathered} 429,079,360 \\ 101.8 \\ 131.4 \\ 33,544,330 \\ \hline \end{gathered}$ | $\begin{gathered} 462,815,227 \\ 109.6 \\ 141.4 \\ 327,309,210 \\ \hline \end{gathered}$ |
| Forestry, n.e.s. <br> F. Index, Mood, Mood Products \& Papes Transferred to base of 1938 <br> Valus $\div$ Price Index on base 1938. | $\begin{gathered} 209,766,433 \\ 77.5 \\ 100.0 \\ 209,766,433 \\ \hline \end{gathered}$ | $\begin{gathered} 234,520,440 \\ 79.2 \\ 102.2 \\ 229,472.054 \\ \hline \end{gathered}$ | $\begin{array}{r} 326,428,368 \\ 88.5 \\ 114.6 \\ 284,841,420 \\ \hline \end{array}$ | $\begin{gathered} 96.0 \\ 123.9 \\ 306,552,961 \\ \hline \end{gathered}$ | $\begin{gathered} 382,104,820 \\ 101.3 \\ 131.4 \\ 290,795,140 \\ \hline \end{gathered}$ | $\begin{gathered} 398,814,613 \\ 109.6 \\ 141.4 \\ 282,947,100 \\ \hline \end{gathered}$ |
| IIsheries <br> F. Index, II shery Products Transferred to base of 1938 Falwe $\div$ Price Index on base 1938. | $\begin{gathered} 35,593,009 \\ 71.9 \\ 100.0 \\ 35,593,009 \\ \hline \end{gathered}$ | $\begin{gathered} 34,378,681 \\ 73,3 \\ 101.9 \\ 33,737,665 \\ \hline \end{gathered}$ | $\begin{gathered} 38,106,690 \\ 82,8 \\ 115,2 \\ 33,078,723 \end{gathered}$ | $\begin{gathered} 51,769.638 \\ 92.9 \\ 129.2 \\ 40,069.379 \\ \hline \end{gathered}$ | $\begin{gathered} 64,821,702 \\ 111.0 \\ 154.4 \\ 41.982 .967 \\ \hline \end{gathered}$ | $\begin{gathered} 74,655.678 \\ 128.0 \\ 178.0 \\ 41.941 .392 \end{gathered}$ |
| Trapping <br> P. Index, Turs <br> Transferred to base of 1938 <br> Value $\div$ Price Index on bese 1938. | $\begin{array}{r} 53.2 \\ 100.0 \\ 6.572,824 \\ \hline \end{array}$ | $\begin{gathered} 73.3 \\ 137.8 \\ 5,747.033 \\ \hline \end{gathered}$ | $\begin{gathered} 11.207,930 \\ 58.9 \\ 110.5 \\ 10,142,933 \\ \hline \end{gathered}$ | $\begin{gathered} 80.5 \\ 151.3 \\ 10,005,313 \\ \hline \end{gathered}$ | $\begin{gathered} 74.3 \\ 139.7 \\ 17.037 .375 \\ \hline \end{gathered}$ | $\begin{gathered} 21,579,615 \\ 102.6 \\ 192.9 \\ 11,186,944 \\ \hline \end{gathered}$ |
| Mining <br> P. Index, Mineral Origin, Raw Transferred to base of 1938 <br> Value $\div$ Price Index on baed 1938. | $\begin{gathered} 81.5 \\ 100.0 \\ 374.415,674 \\ \hline \end{gathered}$ | $\begin{array}{r} 82.3 \\ 101.2 \\ 389.338,650 \\ \hline \end{array}$ | $\begin{gathered} 88.9 \\ 109.1 \\ 410.706 .440 \end{gathered}$ | $\begin{gathered} 497,904,632 \\ 92.5 \\ 113.4 \\ 439,069,330 \\ \hline \end{gathered}$ | $\begin{array}{r} 514,109,901 \\ 94.8 \\ 116.3 \\ 442,054,980 \\ \hline \end{array}$ | $\begin{gathered} 475,529,364 \\ 96.7 \\ 118.7 \\ 400,614,450 \\ \hline \end{gathered}$ |
| Electric Power <br> Rate per M k.w.h. <br> Transferred to base of 1938 <br> Value - Price Index on base 1938 | $\begin{gathered} 54.4 \\ 100.0 \\ 142,320,725 \\ \hline \end{gathered}$ | $\begin{array}{r} 52.9 \\ 97.2 \\ 154,180,900 \\ \hline \end{array}$ | $\begin{gathered} 54.4 \\ 100.0 \\ 163,780.757 \end{gathered}$ | $\begin{gathered} 55.0 \\ 101.0 \\ 181,333,090 \\ \hline \end{gathered}$ | $\begin{array}{r} 53.6 \\ 98.6 \\ 203,189,800 \\ \hline \end{array}$ | $\begin{gathered} 200,933,297 \\ 49.6 \\ 91.2 \\ 220,311,900 \\ \hline \end{gathered}$ |
| Construction <br> P. Index, Building materials Transferred to base of 1938 Value $\div$ Price Index on base 193 | $\begin{gathered} 89.1 \\ 100.9 \\ 176.661 .077 \\ \hline \end{gathered}$ | $\begin{gathered} 89.7 \\ 100.7 \\ 182.429 .330 \\ \hline \end{gathered}$ | $\begin{gathered} 95.6 \\ 107.3 \\ 192.818 .350 \\ \hline \end{gathered}$ | $\begin{array}{r} 107.3 \\ 120.4 \\ 223,888,600 \end{array}$ | $\begin{gathered} 310,917.190 \\ 115.2 \\ 129.2 \\ 240.647 .970 \\ \hline \end{gathered}$ | $\begin{gathered} 293,538,167 \\ 121.2 \\ 136,0 \\ 215,836,880 \\ \hline \end{gathered}$ |
| Custom and Repair <br> P. Index, General <br> Transferred to base of 1938 <br> Value : Price Index on base 1938. | $\begin{array}{r} 78.6 \\ 100.0 \\ 108,936.000 \\ \hline \end{array}$ | $\begin{gathered} 75.4 \\ 95.9 \\ 113,473,400 \\ \hline \end{gathered}$ | $\begin{gathered} 82.9 \\ 105.5 \\ 105,789.570 \\ \hline \end{gathered}$ | $\begin{gathered} 130,778,000 \\ 90.0 \\ 114.5 \\ 114,216,590 \\ \hline \end{gathered}$ | $\begin{gathered} 95.5 \\ 121.6 \\ 116,278,780 \end{gathered}$ | $\begin{gathered} 144,952,000 \\ 100.0 \\ 127.2 \\ 113,955,970 \end{gathered}$ |
| Manufactures - Total <br> P. Index, Chiefly and Fully marufactured goods <br> Transferred to base of 1938 <br> Value * Price Index on base 1938. | $\begin{array}{r} 1,428,286,778 \\ 78.2 \\ 100.0 \\ 1,428,386,778 \end{array}$ | $\left.\begin{array}{r} 1,531,251,901 \\ 75,3 \\ 96.3 \\ 1,589,877.000 \end{array} \right\rvert\,$ | $\begin{array}{r} 1,942,471,238 \\ 81.5 \\ 104.2 \\ 1,864,175,800 \\ \hline \end{array}$ | $\begin{gathered} 88,8 \\ 113,6 \\ 2,293,339,200 \\ \hline \end{gathered}$ | $\begin{array}{r} 3,309,973,756 \\ 91.9 \\ 117.5 \\ 2,816,998,900 \\ \hline \end{array}$ | $\begin{array}{r} 93.1 \\ 119.1 \\ 3,304,377,400 \\ \hline \end{array}$ |

## SURVEY OF PRODUCTION IN CANADA, 1938 TO 1943

The percentage increase in trapping was greater than in any of the nine groups considered in this connection, the total having been more than three times the pre-war level. The fisheries, including the primary and secondary phases of the industry, produced double the net value recorded in 1938. The increase in the output of central electric stations and mining was 41 p.c. and 27 p.c., respectively. The advance in the electric power output was continuous, year by year, while the maximum in mineral production was reached in 1942. The construction industry was more active in 1942 than in 1943, net production during the latter year having been two-thirds greater than in 1938.

The predominant expansion in manufactures during the war period is indicated by the relative importance of the group in the total net production during 1943 in comparison with the pre-war period. Excluding the processing industries operating in close co-operation with the three of the primary industries, the manufactures group contributed about 54 p.c. of the grand total in 1943 against 41 p.c. in 1939. Providing the processing industries were included with the group, the share of manufactures would have been 61 p.c. in 1943 compared with 49.2 p.c. in the pre-war yerr. Agriculture, of course, foilowed in relative importance, contributing 19.9 p.c. in 1943 compared with 22.6 p.c. before the war. The revised method of computing net farm procuction, described below, has led to a considerable reduction in the position of agriculture in relation to the other groups under consideration.

Owing to the dominant advance in manufacturing production each of the eight other groups except fisheries and trapping showed a decline in relative importance between 1938 and 1943. (See Tajle 3. and Charts 3 a and 4.)

Expansion in Volume
The placing of the statistics of net production on a volume footing is attempted in Table 5. Totals for each of the nine industrial groups were divided by price indexes transferred to the base of 1938. The marked war-time advance in

Chart 2
 250 -

ELECTRIC POWER


FISHERIES



TRAPPING


## canada

Table 5 - Adjustment of Mot Production for Price Changes 1938-43, the Totals being Expressed in Dollars of 1938 - Conc.

| Industry and Maturn of Price Index | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Kanufactures. <br> 日. 0.8. $\qquad$ <br> P. Index, Chiefy and Tully manu factured goods | $\begin{gathered} 1,188,800,676 \\ 78.2 \end{gathered}$ | $\left.\begin{gathered} 1,277,265,130 \\ 75.3 \end{gathered} \right\rvert\,$ | $\begin{array}{r} 1,591,625,600 \\ 81.5 \end{array}$ | $\begin{array}{r} 2,194,821,273 \\ 88.8 \end{array}$ | $\begin{array}{r} 2,883,771,788 \\ 91,9 \end{array}$ | $\begin{gathered} 3,405,712,025 \\ 93.1 \end{gathered}$ |
| Traneferred to base of 1938 Falue $\div$ Price Index on base 1938. | $\begin{gathered} 100.0 \\ 1,188,900,676 \end{gathered}$ | $\begin{gathered} 96,3 \\ 1,326,339,000 \\ \hline \end{gathered}$ | $\begin{gathered} 104.2 \\ 1,527,472,100 \\ \hline \end{gathered}$ | $\begin{gathered} 113,6 \\ 1,932,061,000 \\ \hline \end{gathered}$ | $\left[\begin{array}{c} 117.5 \\ 2,454,273,800 \\ \hline \end{array}\right.$ | $\begin{gathered} 119.1 \\ 2,859,539,500 \end{gathered}$ |
| Total Primary Toial Seconda | 1,424,684,665 | $1,638,864,102 \mid$ | $1,751,259,663$ | 1,807,624,573 | 2,300, 774,762 | 1,912,136.086 |
| Toial Secondary <br> Duplication | $\begin{array}{r} 1,713,883,855 \\ 239,486,102 \end{array}$ | $\begin{array}{r} 1,985,779,730 \\ 253,538,000 \end{array}$ | $\begin{array}{r} 2,162,783,620 \\ 336,703,700 \end{array}$ | $\begin{array}{r} 2,631,344,390 \\ 361,178,200 \end{array}$ | $\left\|\begin{array}{r} 3,173,925,650 \\ 362,725,100 \end{array}\right\|$ | $\begin{array}{r} 3,534,170,250 \\ 344,837,600 \end{array}$ |
| GRAND TOTAL | 2,899,082,418 | 3,361,105,932 | 3, 577,339,583 | 4,077,790,753 | $5,011,975,312$ | $102,458,736$ |



| Induntrisal Group | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ | \$ | \$ | \$ | \$ | \$ |
| Tegetabl Producte | 267, 471, 208 | 292,129, 340 | 295,582,069 | 349,912,287 | 396,956,313 | 410,340, 183 |
| Anlmal Products | 118,950, 278 | 122,921,410 | 141,233, 679. | $165,416,939$ | 203, 152,956 | 211,149,715 |
| Textiles and Textile Products | 159,978,801 | 181,927,898 | 240,338,903 | 290, 105,448 | 341, 475, 081 | 334, 242,717 |
| Yood and Paper Products | 277,002,267 | 303,662,441. | 396,991,501 | $463,967,834$ | 488, 433,355 | 508,835,902 |
| Iron and Its Products | 261, 639, 134 | 275, 774,796. | 429,461,950 | $735,511,541$ | 1, D84, 424, 334 | 1,396,768,112 |
| Yon-ferroun Metas Froducte | 164,692,324 | 155,808,806 | 210,352,784 | 288,823,325 | 355,005,408 | 369,005,912 |
| Mon-metallic Muneral Products | 74,967, 075 | 85,511,631 | 97,693,069 | 117,425,987 | 141, 216,996 | 146,460,170 |
| Chemicals and Allied Products | $80,506,965$ | 89,046,832 | 104, 121,900 | 157, 304,350 | 252, 390, 766 | 379,453, 373 |
| Miscellansous Industries | 23,078,726 | $24,368,24$ ? | 26, 795,383 | 36,651,877. | 46,918,549 | 60,156,977 |
| Total | 1,428, 286,778 | 1,531,051,901 | 1,942, 471,238 | 2,605,119,788 | 3,309,973,758 | 3,816,413,541 |

Table 7. - Percentage Analyois of Net Falue of Manutactures, Totals for 1938 equalling 100.

| Industrial Group | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Vegetable Products | 100.0 | 109.2 | 110.5 | 130.8 | 148.4 | 153.4 |
| Animal Producte | 100.0 | 103.3 | 118.7 | 139.1 | 170.3 | 177.5 |
| Textiles and Textile Products | 100.0 | 113.7 | 150.2 | 181.3 | 213.5 | 208.9 |
| Yood and Paper Products | 100.0 | 109.6 | 143.3 | 167.5 | 176.3 | 183.7 |
| Iron and Its Products | 100.0 | 105.4 | 164.1 | 281.1 | 414.5 | 533.9 |
| Yon-ferrous Metal Products | 100.0 | 94.6 | 127.7 | 175.4 | 215.6 | 224.1 |
| Fon-aetallic Mineral Products | 100.0 | 114.1 | 130.3 | 156.5 | 188.4 | 195. 4 |
| Chemicals and Alliod Products | 100.0 | 110.6 | 129.3 | 195.4 | 313.5 | 471.3 |
| Miscellaneous Industries | 100.0 | 105.6 | 116.1 | 158.8 | 203.3 | 260.7 |
| Sotal | 100.0 | 10\%. 2 | 136.0 | 182.4 | 231.7 | 267.2 |

Table 8. - Net Value of Froduction in the Procossing Industries in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fin curing and Packing | 10,459,517 | 10,311.304 | 13,163,500 | 17.423.054 | 20,969,913 | 20,588,039 |
| 8amilling | 39,264,528 | 44,852,358 | 61,700,043 | 76,660,254 | 91, 306,949 | 91,714,000 |
| Yow-forrous Motal Smelting | 87,091,374 | 80,057,833 | 98,059,388 | 119,736,294 | 125,881,047 | 111,857,020 |
| Palp and Faper | 89,034,186 | 103,123,660 | 158,230,575 | 174,555,041 | 165,193,627 | 165,485,944 |
| Conent ... | 5,947,766 | 6,273,172 | 8,715,422 | 9,279,164 | 10,213,916 | 7,152,763 |
| Clay Products | 3,482,235 | 4,043,738 | 4,922,319 | 5,806,763 | 5,630,484 | $5,346,386$ |
| Line | 2,602,663 | 2,951,502 | 3,593,009 | 4,161,412 | 3,932,279 | 4,908,510 |
| Salt | 1,603,833 | 2,173,204 | 2,461,482 | 2,676,533 | 3,173,755 | 3,648,854 |
| Total | 239,486,102 | 253,786,771 | $350,845,638$ | 410,298,515 | $42,201,970$ | 410,701,516 |

## CARADA

2able 9. - Hot Value of Production by Provincee in Dollars

| Province | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prince Edward Island | 8,394,139 | 9,704,116 | 10,866,790 | 11,564,062 | 15,027,897 | 19,428,160 |
| Nova Scotia | 97,169,450 | 100,427,047 | 122, 247, 203 | 230,513,302 | 158,568, 888 | 183, 565,443 |
| Hew Brunswick | 63,072,082 | 68,806,777 | 80,732,573 | 97, 424,417 | 111,014,300 | 126.557,333 |
| Quebec | 727,605,195 | 810,804,624 | 973,090,049 | 1,259,456,590 | 1,587,011.607 | 1,817,829,691 |
| Ontario | 1,270,756.211 | 1,315, 434,318 | 1,577,777,149 | 2,040,580,724 | 2,431,255,146 | 2,609,506,516 |
| Manitoba | 144,590,262 | 143,800, 244 | 269,162,828 | 193, 979,323 | 266,948,971 | 283,674,089 |
| Saskatcheman | 139,319,430 | 216,303, 388 | 213,002,542 | 180,936,101 | 424, 285,715 | 329,917,184 |
| Alberta | 205, 865,189 | 198,234,754 | 231,759,134 | 230,171,177 | 383,620,661 | 319,209,886 |
| Britieh Columba | 238, 035,399 | 241, 313,490 | 286,707,018 | 373, 253,912 | 485,509, 424 | 563,951,164 |
| Tukon and Horthwest Territories. | 4,275,161 | 7.141 .179 | 6, 009,680 | 8,246,282 | 9,630,295 | 7,818,293 |
| Total | 2,899,082,418 | 3,211,969,937 | 3,671,754,966 | 4,526,123,890 | 5,872,872,904 | 6, $261,457,759$ |

Table 10. - Percentage of Total Net Production Provinces

| Province | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prince Idward I aland ............ | 0.29 | 0.31 | 0.30 | 0.36 | 0.26 | 0.31 |
| Nova Scotia | 3.35 | 3.23 | 3.33 | 2.88 | 2.70 | 2.93 |
| Few Brunswlek | 2.18 | 2.21 | 2.20 | 2.15 | 1.89 | 2.02 |
| Que bec ........................... | 25.10 | 26.06 | 26.50 | 27.82 | 27.02 | 29.04 |
| Ontario | 43.82 | 42.27 | 42.97 | 45.08 | 41.40 | 41.67 |
| Manitoba ........................ | 4.99 | 4.62 | 4.61 | 4.29 | 4.55 | 4.53 |
| Saskatcheman | 4.81 | 6.95 | 5.80 | 4.00 | 7.22 | 5.27 |
| Alberta | 7.10 | 6.37 | 6.31 | 5.09 | 6.53 | 5.10 |
| Britiah Columbia | 8.21 | 7.75 | 7.81 | 8.25 | 8.27 | 9.01 |
| Fukon and Northwest Territorice .e | 0.15 | 0.23 | 0.17 | 0.18 | 0.16 | 0.12 |
| Total ........................... | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

Table 11. - Forest Products Duplication by Provinces in Dollars
(See page 37 for Description)

| Province | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Prince Idward Island | 400,000 | 390,992 | 380,007 | 338,557 | 341,849 | 527.387 |
| Nova Scotia | 3,053,602 | 3,252,964 | $3,603,000$ | 3,068,486 | 3,026,753 | 4,030,038 |
| Tew Sruasulck | 3,242,169 | 2,964,648 | 4,344,000 | 4,624,540 | 5,777,953 | 7, 242,136 |
| Quebec | 11,516,340 | 15,548,141 | 18,759,000 | 18,870,102 | 22,522,617 | 30,561,650 |
| Ontario | 10,119,023 | 9,220,185 | 10,343,000 | 8,597,886 | 9,258,912 | $12,669,823$ |
| Manitobe | 1,529,643 | 1.472 .559 | 1,533,000 | 1,351,352 | -1,326,314 | 2.178 .726 |
| Saskatchowan | 1,873,632 | 1.936.095 | 2,012,000 | 2,296,944 | 2,269,398 | 3.528 .287 |
| 41 berta | $1.750,750$ | $1,466,364$ | 1,773,000 | 1,538,009 | 1,594,048 | 2,131.639 |
| British Columbia | 1,312,979 | 1.051 .028 | 946,000 | 914,267 | 866.596 | 1,130,928 |
| Canada | 34,798,138 | 37,202,976 | 43,693,007 | 41,600,143 | 46,974,440 | 64,000,614 |

$$
\begin{gathered}
-13- \\
\text { SURVEY OF PRODUCTION IN CANADA, } 1938 \text { TO } 1943 \\
\hline
\end{gathered}
$$

the volume of production is indicated by Table 4 and Charts 1 and 2, the output of commodities rising 76 p.c. between 1938 and 1943. Manufactures n.e.s. showed the greatest percentage gain at 140.5 p.c. Important advances were shown by each of the nine main branches of production confirning the general nuture of the war-time influences of expansion.

The advances in the net value of production by the nine divisions of manufactures from 1938 to 1943 are outlined in Tables 6 and 7. The Iron and Its Products and Chemical groups recorded the greatest expansion, showing increases of 434 p.c. and 371 p.c., respectively. The Miscellaneous and Non-ferrous Metal groups followed in the order named.

PROVINCIAL DISTRIBUTION
Ontario produced about $41.7 \mathrm{p} . \mathrm{c}$. of the Canadian output in $1945^{\circ}$ leading the other provinces by a considerable margin. The nation-wide total rose 116.0 p.c. between 1938 and 1943. Quebec, Suskatchewan, British Columbia and Prince Edward Island recorded percentage increases greater than the Dominion total during the sixyear period. The same provinces consequently bettered their relative position in 1943 over that of 1938. Quebec, for example, produced 29.0 p.c. of the nation-wide total in 1943 compared with 25.1 p.c. in the prewar year. The relative increase in the Quebec production during the six years was $150 \mathrm{p} . \mathrm{c}$., having been greater than in any other province. (See Tables 9 and 10 , and Charts 3 b and 3 c .)

## Prince Edward Island.

The net production of Prince Edward Island rose from $\$ 8.4$ million in 1938 to \$19.4 million in 1943. The percentage increase was fourth among the nine provinces. The predominance of agriculture as a source of income is apparent, the relative importance rising from $58.9 \mathrm{p.c}$. . of the total in 1938 to 66.1 p.c. In the last year of the period under review. Manufactures and fisheries followed in tine order named, but the gap from the productiveness of the principal activity was extreme. (See Tables 13 and 14 , and Chart 6 a.)

Chort 3




## PRINCE EDWARD ISIAND

Table 12. - Gross Value of Procuction in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 7.250,000 | 8,075,000 | 9,016,000 | 10,433,000 | 13,772,000 | 17,078,000 |
| forestry | 640,691 | 679,109 | 676,478 | 688,543 | 758,593 | 1,026,170 |
| Mrserles | $1,312,368$ | 1,336,634 | 1,013,765 | 1,330,512 | $2,489,367$ | 4,598,785 |
| Trapplag | 5,740 | 4,377 | 2,360 | 3,000 | 3,494 | 5,336 |
| M1nlug | - |  | - | - | - | - |
| Wlectric Power | 313,187 | 326,430 | 343,950 | 427.499 | 461.129 | 512.404 |
| Construc:ion | 1,331,442 | 1,948,064 | 4,147,593 | 1,938,721 | 1,468,348 | 1,645,660 |
| Custan and Repal r | 953,649 | 719,000 | 759,000 | 880,500 | 937,000 | 957,000 |
| Manufactures, Total | $3,570,667$ | 3,543,681 | 3,856,544 | 4,649,476 | 6,955,344 | 9,577,446 |
| Total | 15,377,744 | 16, 630, 385 | 19,815,580 | 20,350,751 | 26, 745, 265 | 35,400,691 |
| Less: Duplication | $1,123,456$ | 1,134,354 | 985,343 | 1,108,767 | 1,894,080 | 3,607,326 |
| GRAND TOTAL | 14, 254, 388 | 15,495,931 | 18, 830,337 | 19,241,984 | 24,851,185 | 31,793,365 |

Table 13. - Not Talue of Proivction in Dollars


Hote: The Processing Industries consist of fish curing and packing, samilling, polp and paper, smelting, cement, clay products, ifme and salt. Forest products produced by farmer on wood lots included in the duplication ine above, are also doducted.

Tablo 14. - Percentage Aualysis of the Not Talue of Production

| Industry | Het Talue of 1938 equalilige 100 |  |  |  |  |  | Grand T0:ai Net Production egualling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 117.3 | 138.6 | 154.4 | 204.9 | 260.1 | 58.9 | 60.0 | 58.5 | 66.0 | 67.1 | 68.1 |
| Foretry | 100.0 | 106.0 | 100.7 | 110.2 | 112.1 | 155.7 | 5.5 | 5.1 | 4.3 | 4.4 | 3.5 | 3.7 |
| ITameries | 100.0 | 102.4 | 75.9 | 102.9 | 173.7 | 301.6 | 10.1 | 8.9 | 5.9 | 7.5 | 9.5 | 13.2 |
| Irapring | 100.0 | 76.3 | 41.1 | 52.3 | 60.7 | 91.0 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| Mining | 100.0 | - | - | - | - | - | - | - | - | - | - | - |
| Plectric Power | 100.0 | 102.5 | 109.0 | 132.6 | 139.9 | 154.4 | 3.1 | 2.7 | 2.6 | 3.0 | 2.4 | 2.1 |
| Construetion | 100.0 | 165.4 | 278.2 | 125.0 | 106.5 | 98.1 | 8.9 | 11.5 | 17.3 | 7.3 | 4.8 | 3.4 |
| Custom and Hepais | 100.0 | 73.7 | 77.8 | 90.2 | 96.2 | 98.2 | 7.9 | 5.0 | 4.7 | 5.2 | 4.2 | 3.3 |
| Manufactures. Total | 100.0 | 109.9 | 112.2 | 119.1 | 174.1 | 367.2 | 13.5 | 12.3 | 11.7 | 11.6 | 13.1 | 15.6 |
| Duplication | 100.0 | 100.1 | 92.5 | 98.5 | 132.3 | 242.9 | 7.1 | 6.2 | 5.1 | 5.1 | 5.3 | 7.5 |
| ORUD TOTAL | 100.0 | 115.6 | 129.5 | 137.9 | 179.0 | 231.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## SURTEY OF PRODUCTION IN CANADA, 1938 TO 1943

## NOVA SCOTIA

Table 15. - Gross Value of Production, in Dollars

| Industry | 1939 | 2940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Aericulture | 19,822,000 | 22.792.000 | 25,009,000 | 28,907,000 | 34,411,900 |
| Poreatry | 16,497,802 | 22,681,154 | 21,903,514 | 21.645,927 | 24,878,791 |
| Pisheries | 12,136,646 | 14,111.913 | 17.504.968 | 22.733,069 | 32,498,782 |
| Trapping | 180, 484 | 105,910 | 142,947 | 532,059 | 609,536 |
| Mining | 28,955,090 | 32,230,387 | 31,219,917 | 31,769,517 | 2,716,368 |
| Slectric Power | 5,548,336 | 6,157,997 | 7,082,788 | 7,520,632 | 7,945,747 |
| Construction | 19,990,449 | 28,637,404 | 33,152,991 | 54, 259,398 | 40,667,401 |
| Custom and Repair | 5,388,200 | 5,719,000 | 6,995,000 | 7,545,000 | 7,726,500 |
| Manufactures, Total | 83,139,572 | 113,814,650 | 133, 973,478 | 155, 931, 254 | 188,463,098 |
| Total | 191,558,379 | 246,250,315 | 277, 184,353 | 330,851,866 | 365,916, ${ }^{13}$ |
| Less: Duplication | 18,961,013 | 24,978,686 | 26,718,647 | 30,341,235 | 37,462,083 |
| GRAND TOTAL | 172,697,366 | 221,271,629 | 250,465,706 | 300,510,631 | 328,455,624 |

Pable 26. - Net Value of Production in Dollare

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Aericulture | 18,603,000 | 14,148,000 | 16,926,000 | 18,277,000 | 20,450,000 | 25,373,000 |
| Forestry | 10,237,628 | 10,466,856 | 14,239,017 | 13,152,207 | 12,203,421 | 14, 409,569 |
| Fisherios | 8,060,634 | 8,005,779 | 8,918,492 | 11,523,628 | 14,051,653 | 19,914,000 |
| Trapping | 267,250 | 180,484 | 105.910 | 142,947 | 532.059 | 609,536 |
| Mining | 20,224,347 | 23, 504, 419 | 26,189, 233 | 24,535,707 | 25,174,960 | 21,979,302 |
| slecticic Power | 4.854,842 | 5,072,308 | 5,446,451 | 6,263,583 | 6,591,643 | 6,945,316 |
| Construction | $9,705,582$ | 9, 787,395 | 13,047,663 | 13,884,987 | 25,021,299 | 20,763,148 |
| Custam and Repals | 4,010,329 | 3,656,000 | 3,881,000 | 4,747,000 | 5,119, 000 | 5, 243,000 |
| Manufactures, Total | 31,375,251 | 35,885,563 | 46,548,446 | 51,318,369 | 63,615,890 | 84,909,686 |
| Sotal | 107,338,863 | 110,706,704 | 135,302,212 | 143, 4 45,328 | 172,759,925 | 200,146,537 |
| Less: Duplication | 10,169,413 | 10, 279,657 | 13,055,009 | 13,332,026 | 14,191,037 | 16,581,094 |
| GRATD TOTAL | 97,169,450 | 100,427,047 | 122, 247,203 | 130,513,302 | 158,568,888 | 183, 565,443 |

Table 17. - Percontage Analysis of tho Rot Value of Production

| Induetry | Net Talue of 1938 equalling 100 |  |  |  |  |  | Grand Totar Not Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 76.1 | 91.0 | 98.2 | 110.0 | 136.4 | 19.2 | 14.1 | 13.8 | 14.0 | 12.9 | 13.8 |
| Forestry | 100.0 | 102.2 | 139.1 | 128.5 | 119.2 | 140.8 | 10.5 | 10.4 | 11.6 | 10.1 | 7.7 | 7.8 |
| Pieheries | 100.0 | 99.3 | 110.6 | 143.0 | 174.3 | 247.1 | 8.3 | 8.0 | 7.3 | 8.8 | 8.9 | 10.8 |
| Trapting | 100.0 | 67.5 | 39.6 | 53.5 | 199.1 | 228.1 | 0.3 | 0.2 | 0.1 | 0.1 | 0.3 | 0.3 |
| Mining | 100.0 | 116.2 | 129.5 | 121.3 | 124.5 | 108.7 | 20.8 | 23.4 | 21.4 | 18.8 | 15.9 | 12.0 |
| Lectric Power | 100.0 | 104.5 | 112.2 | 129.0 | 135.8 | 143.1 | 5.0 | 5.1 | 4.5 | 4.8 | 4.2 | 3.8 |
| Construction | 100.0 | 100.8 | 134.4 | 143.1 | 25\%.8 | 213.9 | 10.0 | 9.7 | $10 . \%$ | 10.5 | 15.7 | 11.3 |
| Qustom and Repair | 100.0 | 91.2 | 96.8 | 118. $\frac{1}{4}$ | 127.6 | 130.7 | 4.1 | 3.6 | 3.2 | 3.6 | 3.2 | 2.9 |
| Manufnctures, Total | 100.0 | 114.4. | 148. 1. | 163.6 | 202.8 | 270.6 | 32.3 | 35.7 | 38.1 | 39.5 | 80.1 | 46.3 |
| Dupiscation | 100.0 | 101.1 | 128.4 | 131.1 | 139.6 | 163.1 | 10.5 | 10.2 | 10.7 | 10.2 | 8.9 | 9.0 |
| grand total | 100.0 | 103.3 | 125.8 | 134.3 | 163.2 | 188. | 100.c | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

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SURVEY OF PRODUCTION IN CANADA, 1938 TO }194
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## Nova Scotia.

Net production in Nova Scotia rose 89 p.c. from 1938 to 1943 , the outstanding development having been tie expansion in manufacturing operations. The total output of manufactures was $46 \mathrm{p} . \mathrm{c}$. of the net production of the nine groups operating in the province compared with 32 p.c. in the pre-war year. The output was valued at nearly $\$ 85$ million in 1943 against $\$ 31$ million, showing how fully the province shared in war production. Each of the groups recorded expansion, but mining and agriculture, holding second and third places, respectively, were of lesser relative importance in 1943 than in 1938. Construction and fisheries, on the other hand, improved their relative rating. (See Tables 16 and 17, and Chart 6 b.)

## New Brunswick.

The output of New Brunswick, more tinan doubled in 1943 over the pre-war year, the rise having been from $\$ 63$ rillion to $\$ 26.6$ million. Taking manufactures, as a whole, the gain in relative importance was from 37.8 p.c. to 46.6 p.c. Forestry, including sawilling and pulp and paper, advanced in relative importance about 2 p.c. to 31.2 p.c. Agriculture, occupying third place as a source of income, recorded a higher relative position in 1943 than in 1938. Construction, mining and electric power were relatively of lesser importance in the latest year for which complete statistics are available. The industrial structure of New Brunswick is in better balance than in either of the other provinces of the economic area, none of the groups occupying a predominant position. (See Tables 19, 20, and Chart 6 c.) Quebec.

The percentage increase in Quebec during the five years ended in 1943 at 150 p.c. was greater than in any other province. Quebec produced $29 \mathrm{p} . \mathrm{c}$. of the Canadian total in 1943 against 25.1 p.c. in the pre-war year.

The production of manufactures was greater than the sum of all other groups. The manufactures output in 1943 was $70.4 \mathrm{p} . \mathrm{c}$. or $61 \mathrm{p} . \mathrm{c}$. according as to whether the

Chart 4

# NET VALUE OF PRODUCTION <br> CANADA, 1938-1943 





NEW BRUNSWICE

Table 18. - Gross Value of Production in Dollare

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 17,632,000 | 19,031,000 | 22,219,000 | 25,136,000 | 33,669,000 | 40,454,000 |
| Torestry | 32,382,183 | 34,022,200 | 48,017,548 | $56,634,118$ | 65,012,465 | 71,965,324 |
| Pisheries | 4,773,409 | 6,103,515 | 5,974,830 | 7.784,595 | 9,045,755 | 15,173,442 |
| Trapung | 603,121 | 754,736 | 631,074 | 627,236 | 834,671 | 351,886 |
| M1吅吅 | 3,780,228 | 3,929,992 | 3,400,509 | 3,653,443 | 3,580,757 | 3,646,555 |
| Tlectric Power | 3,562,746 | 3,789,079 | 4,151,784 | 4,458,262 | 4,699,369 | 4,930,581 |
| Construction | 14,974,820 | 14,886,120 | 13,002,828 | 18,550,864 | 14.194,800 | 12,006,608 |
| Custam and Repair | 3,980,874 | 3,364,000 | 3,562,000 | 4,285,000 | 4,596,000 | 4,705,000 |
| Manufactures. Total | 58,570.952 | 66,058,151 | 89,281,008 | 111,433,726 | 123,839,475 | 140,934,87? |
| Total | 140,260,333 | 151,938, 994 | 190,240,581 | 232,563, 244 | 259.472.192 | 294, 168,273 |
| Less: Duplication | 25,754,352 | 27,972,631 | 41,668,282 | 49,012,216 | 54, 747,083 | 62,354,947 |
| GRAND TOTAL | 114,505,981 | 123,966,163 | 148,572,299 | 183,551,028 | 204,725,109 | 231,813,326 |

Table 19. - Tet Talue of Production in Dollars


Fable 20. - Fercentage Analysis of the Net Falue of Production

| Industry | Not Talue of 1938 equalling 100 |  |  |  |  |  | Orand Total Ket Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 111.9 | 133.7 | 154.2 | 209.4 | 258.5 | 19.1 | 19.6 | 20.0 | 19.1 | 22.8 | 24.7 |
| Torentry | 100.0 | 103.0 | 154.8 | 17 \%.7 | 193.2 | 216.4 | 29.0 | 27.3 | 35.0 | 33.3 | 31.8 | 31.2 |
| Ti momea | 100.0 | 126.6 | 122.0 | 161.1 | 193.0 | 311.3 | 4.9 | 5.7 | 4.7 | 5.1 | 5.4 | 7.6 |
| Trapping | 100.0 | 125.1 | 104.6 | 104.0 | 138.4 | 58.3 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | 0.3 |
| Minlug | 100.0 | 102.7 | 86.3 | 92.2 | 90.6 | 92.? | 5.6 | 5.2 | 3.7 | 3.3 | 2.9 | 2.6 |
| Slectric Power | 100.0 | 107.1 | 114.5 | 121.9 | 126.6 | 132.4 | 5.3 | 5.2 | 4.8 | 4.2 | 3.8 | 3.5 |
| Constraction | 100.0 | 104.6 | 75.5 | 104.3 | 77.8 | 72.3 | 13.0 | 12.4 | ?.? | 8.8 | 5.7 | 4.7 |
| Custon and Repair | 100.0 | 82.6 | 87.4 | 105.2 | 112.8 | 115.6 | 4.4 | 3.3 | 3.0 | 3.0 | 2.8 | 2.5 |
| Manufactures, Total | 100.0 | 113.3 | 160.3 | 198.2 | 226.0 | 247.0 | 37.8 | 39.5 | 47.2 | 48.2 | 48.3 | 46.6 |
| Duplication | 100.0 | 104. 9 | 172.5 | 200.3 | 215.2 | 236.9 | 20,1 | 19.3 | 27.1 | 26.0 | 24.5 | 23.7 |
| ORUD POTA | 100.0 | 109.1 | 128.0 | 154.5 | 176.0 | 200. 7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

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Table 21. - Grose Value of Froduction in Dollare

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 123,798,000 | 137, 747,000 | 155,721,000 | 179,821,000 | 219,474,000 | 259,493,000 |
| Yorentry | 151,060,149 | 176,834,286 | 244,543,719 | 275,860,091 | 299,728,675 | 317,794,106 |
| Pisheries | 2,306,750 | 2,415,207 | 2,523,813 | 3,593,914 | 5,506,973 | 7,620,998 |
| Trapplng | 1,058,752 | 1,081,129 | 1,338,113 | 1,390,570 | 3,894,630 | 3,254,790 |
| Mining | 148,819,998 | 163,440,306 | 191,168,991 | 255,268,789 | 307,871,770 | 368,519,742 |
| Tlectric Power | 52,962,073 | 56,155,440 | 61,132,195 | 69,504,635 | 78,371, 204 | 78,891,513 |
| Construction | 100, 830,603 | 118,529,680 | 127,438,996 | 181,859,687 | 205, 400, 748 | 159,875,335 |
| Custam and Hepals | 41,569,297 | 49,040,000 | 50, 182,000 | 58,426,000 | 62,897,000 | 64,432,000 |
| Manufactures, Total | $983,123,599$ | $1,045,757,585$ | $1,357.375,776$ | $1,841,088,523$ | 2,333,303,012 | $2,852,191,853$ |
| Total | 1,605,529.221 | 1,751,000,633 | 2,191,424,603 | $2,866,813,309$ | 3,516,448, 012 | 4,122,073,237 |
| Lees: Duplication | 205, 514, 999 | 229,266.915 | 308,517,79? | 377,618, 201 | 441, 336,471 | $516,683,449$ |
| GRAND TOTAL | $1,400,014,222$ | 1,521,733,718 | 1.882,906.806 | 2,489,195,008 | 3,075,111,541 | 3,595,389,788 |

Table 22. - Net Value of Production in Dollare

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 97,892,000 | 111,193,000 | 125,728,000 | 146,263,000 | 174,779,000 | 211,072,000 |
| Porestry | 82,579,127 | 101.755,803 | 144,778,418 | 160, 199,517 | 165, 274,650 | 179,375,860 |
| Fisheries | 1,876,531 | $1,915,927$ | 1,877.485 | 2,661,923 | 3,892,537 | 5,218,914 |
| Trappling | 1.058,752 | 1,081,129 | 1,338,113 | 1,390,570 | 3,894,630 | 3.254,790 |
| Mining | 69,593,807 | 81,600, 118 | 100, 134, 979 | 127,649,905 | 138,100.940 | 134.500,359 |
| Slectric Power | 52,930,122 | $56,120,938$ | 61,094, 889 | 69,461,306 | $78,325,236$ | 78,804, 576 |
| Construction | 52,157,6\%4 | 60,007,310 | 60,561,073 | 75,552,556 | 110,790,354 | $79,787,352$ |
| Custom and Repaly | 28,863,528 | 33, 375,000 | 34,051,000 | 39,644,000 | 42,678,000 | 43,720,000 |
| Manufacturen. Total | 428,614,079 | 470,385, 279 | 595,552,909 | 815,086,832 | 1,059,873,943 | 1,280,097,615 |
| Total | 815,565,620 | 917,335,504 | 1,125,116,866 | 1,438,909,609 | 1,777,609,290 | 2,015,831.468 |
| Less: Duplication | 87,960,425 | 106,530,880 | 152,026,817 | 179,453,019 | 190,597,683 | 198,001,775 |
| GRAKD YOTAL | $727,605,195$ | 810,804,624 | 973,090,049 | $1,259,456,590$ | 1,587,011,607 | 1,817,829,691 |

Table 23. - Percentage Analysie of the Met Value of Production

| Industry | Hot Talue of 1938 equalling 100 |  |  |  |  |  | Grand Total Het Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 113.6 | 128.4 | 149.4 | 178.5 | 215.6 | 13.5 | 13.7 | 12.9 | 11.6 | 11.0 | 11.6 |
| Forestry | 100.0 | 123.2 | 175.3 | 194.0 | 200.1 | 217.2 | 11.3 | 12.5 | 14.9 | 12.7 | 10.4 | 9.9 |
| F1sherles | 100.0 | 102. 1 | 100.1 | 141.9 | 20\%. 4 | 278.1 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| Trapping | 100.0 | 102.1 | 126.4 | 131.3 | 367.9 | 307. 4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| Kining | 100.0 | 117.3 | 143.9 | 183,4 | 198.4 | 193.3 | 9.6 | 10.1 | 10.3 | 10.1 | 8.7 | 7.4 |
| Plectric Power | 100.0 | 106.0 | 115.4 | 131.2 | 148.0 | 148.9 | 7.3 | 6.9 | 6.3 | 5.5 | 4.9 | 4.3 |
| Construction | 100.0 | 115.0 | 116.1 | 146.8 | 212.4 | 153.0 | 7.2 | 7.4 | 6.2 | 6.1 | 7.1 | 4.4 |
| Custan and Repeir | 100.0 | 115.3 | 118.0 | 137.3 | 147.9 | 151.5 | 4.0 | 4.1 | 3.5 | 3.1 | 2.7 | 2.4 |
| Manufactures, Total | 100.0 | 109.? | 139.0 | 190.2 | 247.3 | 298.7 | 58.8 | 58.1 | 61.2 | 64.8 | 66.8 | 70.4 |
| Duplication | 100.0 | 121.1 | 172.8 | 204.0 | 226.7 | 225.1 | 12.1 | 13.1 | 15.6 | 14.2 | 12.0 | 10.9 |
| ORAND TOTAL | 100.0 | 111.4 | 133.7 | 173.1 | 218.1 | 250.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## SURVEY OF PRODUCTION IN CANADA, 1938 TO 1943.

duplication of processing industries is included. Agriculture the next industry in order produced over 11.6 p.c. of the provincial total compared with $13.5 \mathrm{p} . \mathrm{c}$. in 1938, indicating the marked disparity between the two most productive groups of the province. Due to the marked increase in manufacturing during the five years, the other groups with the exception of fisheries and trapping recorded a lower level of relative importance in 1943 than in 1938. (See Tables 22 and 23 , and Chart 7 a.) Ontario.

The advance in net production in Ontario was $\$ 1,389$ million during the five years ended 1943, exceeding the absolute gain in any other province. The provincial total rose steadily year by year from 1938 to 1943 , the resulting level in the latter year having been $\$ 2,610$ million. The outstanding position of manufactures in the field of production is evident from the records of the province.

After eliminating the processing industries, the share of manufacturing n.e.s., was no less than two-thirds of the total. The proportion of the net production of the manufacturing total to the net output of the province was $70.7 \mathrm{p} . \mathrm{c}$. During tize pre-war year the relative importance of manufacturing was $60 \mathrm{p} . \mathrm{c}$., including processing industries and 52 p.c., after the elimination of duplication. (See Tables 25 and 26 , and Chart 7 b.)

Agriculture, the second industry of tine province, produced 16.2 p.c. in 1938 and 13.3 p.c. in 1943. Manufacturing was the leading group in the pre-war year and the predominance was greatly accentuated during the war period. Manitoba.

Agriculture and manufacturing were the progressive groups in Manitoba during the war period, the increases in the net production of the two groups having been 134 p.c. and 105 p.c., respectively. Trapping and fisheries recorded greater percentage gains, but the advance of the two main groups was the deternining factor in the wartime contribution of the province. Agriculture occupied first position

Chart 5

## NET VALUE OF PRODUCTION

CANADA 1938-1943
Relalive lo levels of 1938. In the main manufacturing groups




## ONIARIO

Table 24. - Grose Value of Production in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 256, 630,000 | 253, 522,000 | 272,196,000 | 326, 502,000 | 420,981,000 | 431,562,000 |
| Forestry | 110,175,793 | 117,598,252 | 152,174, 507 | 169,108,924 | 183, 258,555 | 196, 131,356 |
| Fisamer | 3,353,775 | 3,010,352 | 3,035, 100 | 3,518,402 | 4, 135, 205 | 5,292,268 |
| Trappdig | 824,412 | $1,550,387$ | 2,187,625 | 2,775,536 | 3,965,003 | 4, 547,294 |
| Mining | 318,041,840 | 308, 175, 159 | 345, 156,479 | 374,173.095 | 381,101,367 | 361,176, 741 |
| Electric Power | 49,988,137 | $52,136,169$ | 58, 294,696 | 65,339,994 | 71,340,714 | 69,046,695 |
| Construction | 151, 435, 842 | 144, 829,394 | 192,304,380 | 261, 238,765 | 217,829,022 | 216, 715, 281 |
| Custom and Ropal 5 | 63,009, 284 | 61,981,000 | 63,633,000 | 74,940,000 | 81,398,000 | 83,519,000 |
| Manufactures, Total | 1,712,496, 421 | 1,745,674,707 | $2,302,014,654$ | 3,121, 756, 568 | 3,817,396,404 | 4,221,101,063 |
| Sotal | 2,665,955,504 | $2,688,477,320$ | 3,390,996,441 | 4,399,353,284 | 5,181, 405, 270 | 5,589,091,698 |
| Less: Duplication | 259,775,428 | 235,115,595 | 281,781,502 | 317,694,243 | 340,378,333 | 347,063,280 |
| GRATD TOTAL | 2,406,180,076 | 2,453,361,725 | 3,109, 214,939 | 4,091,659,041 | 4,841,026,937 | $5,242,028,418$ |

Table 25. - Ket Value of Froduction in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 205, 605,000 | 200,686,000 | 214,135,000 | 264, 091,000 | 344, 400,000 | 346,241,000 |
| Forestry | 63,302,933 | 67,720,835 | 86,441,535 | 99,209,131 | 101,677,304 | 110,581,131 |
| Fisherles | 3,353,775 | 3,010,252 | 3,035, 9 ,00 | 3,518,402 | 4, 135,205 | 5,292,268 |
| Irepping | 824,412 | 1,550,387 | 2,187,625 | 2,775,536 | 3,965,003 | 4,547,294 |
| Minlng | 181,897,886 | 188,867,969 | 209,277,055 | 219,459,986 | 212,351,819 | 183,488,086 |
| Electric Fover | 49,952,866 | 52,100,287 | 58,271,225 | $65,315,655$ | 71,319,438 | 69,027,773 |
| Constraction | 73,036,721 | 68,535,712 | $78,658,818$ | 108,171,486 | 98,442,143 | 122,054, 213 |
| Custom and Ropals | 43,750,302 | 42,056,000 | 43,177,000 | 50,850,000 | 55,233,000 | 56,670,000 |
| Manufactures, Total | $757,620,632$ | $791,428,569$ | 1,004,529,583 | 1,360,055,756 | $1,671,130,314$ | 1,844,651,587 |
| Total | 1,379, 344, 527 | $1,415,956,011$ | $1,699,712,941$ | 2,173,446,952 | 2,562,654, 226 | 2,732,553,352 |
| Lees: Dupllcation | 108,588,316 | 100,521,693 | 121,935,792 | $132,866,228$ | 131,399,080 | 123,046,836 |
| GRALD POPAL | 1,270,756,221 | $1,315,434,318$ | $1,577.777,149$ | 2,040,580,724 | 2,431, 255,146 | 2,609,506,52.6 |

Table 26. - Percentace Analyels of the Kot Valu of Production

| Induetry | Set Falue of 1938 equalling 100 |  |  |  |  |  | Grand Total Not Production equaliling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Acricultur | 100.0 | 97.6 | 104.1 | 128.4 | 167.5 | 168.4 | 16.2 | 15.3 | 13,6 | 12. 8 | 14.2 | 13,3 |
| Porestry | 100.0 | 107.0 | 136.8 | 156.7 | 160.6 | 174.7 | 5.0 | 5.1 | 5.5 | 4.9 | 4.2 | 4.2 |
| Iteherles | 100.0 | 89.8 | 90.5 | 104.9 | 123.3 | 157.8 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Trappdx | 100.0 | 188.1 | 265.4 | 336.7 | 480.9 | 551.6 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 |
| Mind ng | 100.0 | 103.8 | 115.1 | 120.7 | 116.7 | 100.9 | 14.3 | 14.3 | 13.3 | 10.7 | 8.7 | 7.0 |
| Electric Power | 100.0 | 104.3 | 116.7 | 130.8 | 142.8 | 138.2 | 3.6 | 4.0 | 3.7 | 3.2 | 2.9 | 2.6 |
| Conetrnction | 100.0 | 93.8 | 107.7 | 148.1 | 134.8 | 153.4 | 5.6 | 5.2 | 5.0 | 5.3 | 4.0 | 4.3 |
| Cueta and Repair | 100.0 | 96.1 | 98.7 | 116.2 | 126.2 | 129.5 | 3.4 | 3.2 | 2.7 | 2.5 | 2.3 | 2.2 |
| Manufactures. Total | 100.0 | 104.5 | 132.8 | 179.5 | 220.6 | 243.5 | 60.0 | 60.2 | 63.7 | 66.6 | 68.7 | 70.7 |
| Duplication | 100.0 | 92.6 | 112.3 | 122.4 | 121.0 | 113.3 | 8.5 | 7.6 | 7.8 | 6.5 | 5.4 | 4.7 |
| GRAFID POTAL | 100.0 | 103.5 | 124.2 | 160.6 | 191.3 | 205.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## MANITOBA

Table 27. - Gross Value of Production in Dollarin

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 74,752,000 | 75,163,000 | 83,224,000 | 93,825,000 | 151,297,000 | 161,082,000 |
| Forestry | 5,111,243 | 5,820,349 | 7,598,804 | 8,782,093 | 8,807,565 | 11,104,181 |
| $\mathrm{F}_{1}$ shertes | 1,811,124 | 1,655, 273 | 1,988,545 | 3,233,115 | 3, 577,616 | 4,564,551 |
| Trapping | 509,496 | 583,449 | 1,196,198 | 2,001,632 | 2,596,436 | 2,250,623 |
| Mining | 29,623,498 | 28,619,359 | 30,082,102 | 30,864, 263 | 22,985,450 | 18,403,363 |
| Flectric Power | 7,920,813 | 8,467,519 | 8,790,666 | 9,404,906 | 9,931,783 | 10,470,325 |
| Construction | 14, 247,661 | 14,848,706 | 25, 232,785 |  |  | 20,190,673 |
| Custom and Ropalr | 9,233,279 | 9,188,000 | 9, 289,000 | $11,293,000$ | $12,230,000$ | $12,541,000$ |
| Manufactures, Total | 131,770,280 | 134, 293,595 | 167,919,165 | 211,534,751 | 259,554,350 | 304,867, 912 |
| Total | 274,985,394 | 278, 639, 250 | $335,322,265$ | 400, 548,408 | 492,072,147 | 545,474, 628 |
| Lese: Duplication | 16,400,051 | 15,807,918 | 18,924,821 | 19, 244,833 | 16,388,828 | 26,208,929 |
| GRaND TOTAL | 258, 585,343 | 262,831,332 | 316,396,444 | 381,303,575 | 475,683,319 | 529, 265,699 |

Pable 28. - Het Yalue of Production in Dollare

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 59,627,000 | 59,959,000 | 66,927,000 | 75,415,000 | 129,725,000 | 139,603,000 |
| Porestry | 3,324,964 | 3,717,261 | 4,886,418 | 5,852,461 | 5,577,879 | 7, 205,058 |
| Pisherles | 1,811,124 | 1,655, 273 | 1,988,545 | 3,233,115 | 3,577,616 | 4,564,551 |
| Trapplige | 509,496 | 583,449 | 1,196,198 | 2,001,632 | 2,596,436 | 2,250,623 |
| Mining | 15,144,672 | 12,401,404 | 14,065, 270 | 11,898,109 | 9,508,569 | 8,973,959 |
| Flectric Power | 7,850,699 | 8,393,044 | 8,714,430 | 9,326,481 | 9,832,040 | 10,365,180 |
| Construction | 6,230,265 | 6,569,460 | 10,912,979 | 10,742,642 | 9,545,292 | 10,054,475 |
| Custam and Repair | 6,411,093 | 6, 235,000 | 6,303,000 | 7,663,000 | 8,298,000 | 8,509,000 |
| Manufactures, Total | 48,308,248 | 48,810,544 | 62,352,698 | 74, 450,722 | 94,856,679 | 99,146,670 |
| cotal | 149,217,561 | 148,324,435 | 177,346,538 | 200,583, 261 | 273,517,511 | 290,672,516 |
| Lese: Duplication | 4, 627.399 | 4,524,191 | 8,183,710 | 6,605,838 | 6,568,540 | 6,998,427 |
| GRND TOTAL | 144,590,162 | 143, 800, 244 | 169,162,828 | 193,977,323 | 266,948,971 | 283,674,089 |

Table 29. - Percentage Analysis of the Net Value of Production

| Industry | Net Palue of 1938 oqualling 100 |  |  |  |  |  | Grand Total Yot Production equalling 200 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 100.6 | 112,2 | 126.5 | 217.6 | 234.1 | 41.2 | 41.7 | 39.5 | 38.9 | 48.6 | 49.2 |
| Porestry | 100.0 | 111.8 | 147.0 | 176.0 | 167.8 | 216.7 | 2.3 | 2.8 | 2.9 | 3.0 | 2.1 | 2.5 |
| Plamer | 100.0 | 91.4 | 109.E | 178.5 | 197.5 | 252.0 | 1.3 | 1.2 | 1.2 | 1.7 | 1.3 | 1.6 |
| Fraptige | 100.0 | 114.5 | 234.8 | 392. | 509.6 | 441.7 | 0.4 | 0.1 | 0.7 | 1.0 | 1.0 | 0.8 |
| Mining | 100.0 | 81. 9 | 92.9 | 78.6 | 62.8 | 59.3 | 10.5 | 8.6 | 8.3 | 6.1 | 3.6 | 3.2 |
| Ilectric Pover | 100.0 | 106.9 | 111.0 | 118.8 | 125.2 | 132.0 | 5.4 | 5.8 | 5.2 | 4.8 | 3.7 | 3.7 |
| Construction | 100.0 | 105.4 | 175.2 | 172.4 | 153.2 | 161.4 | 4.3 | 4.6 | 6.5 | 5.5 | 3.6 | 3.5 |
| Custom and sopair | 100.0 | 97.3 | 98.3 | 119.5 | 129.4 | 132.7 | 4.4 | 4.3 | 3.7 | 4.0 | 3.1 | 3.0 |
| Manufactures, Total | 100.0 | 101.0 | 129.1 | 154.1 | 196.4 | 205.2 | 33.4 | 33.9 | 36.8 | 36.4 | 35.5 | 35.0 |
| Dupl ication | 100.0 | 97.8 | 176.9 | 142.8 | 141.9 | 151.2 | 3.2 | 3.1 | 4.8 | 3.4 | 2.5 | 2.5 |
| Grand ronal | 100.0 | 99.5 | 117.0 | 134. 2 | 184.6 | 196. 2 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

among the groups, producing 49.2 p.c. of the output in 1943. The relative importance of manufacturing n.e.s. was indicated by a percentage of $33 \mathrm{p} . \mathrm{c}$. of the total. The relative position of the intermediate industries such as mining, power, construction and custom and repair was somewhat lower in 1943 than in the prewar year. (See Tables 28 and 29, and Chart 7 c.)

Saskatchewan.
The net production of Saskatchewen was 137 p.c. greater in 1943 than in 1958. Following climatic developments, intermediate high points were reached in 1959 and 1942. The heavy crop of 1942 contributed to the high level of net production at $\$ 424.3$ million reached in that year. The output of the province is subject to marked fluctuation from year to year due to the dominant position of agriculture as a source of revenue. Farming produced 75.6 p.c. of the net production in 1943 compared with 71.3 p.c. in 1938. The relative importance of Saskatchewan among the provinces in the net production of commodities was somewhat greater at the end of the period under review. The proportion rose from 4.8 p.c. in 1938 to 5.3 p.c. in the last year of the period. Manufacturing was second as a producer of revenue at 11.5 p.c. in 1943 , while construction and mining were also of importance. (See Tables 81 and 32, and Chart 8 a.)

## Alberta.

The net value of production was 55 p.c. greater in 1943 tian in 1938. Producing 55.7 p.c. of the provincial total in 1943, agriculture recorded an increase of 35.6 p.c. in that year over 1938. The output of agriculture was consequently greater than the sum of all other activities concerned with the production of commodities.

Manufactures and mining were also important contributors of net revenue. The increase in manufactures in the five years ended 194's was 114 p.c., while mining advanced about 67.5 p.c. (See Tables 34 and 35, and Chart 8 b.)

Chert 6


## SASKATCHEWAN

Table 30. - Grose Value of Production in Dollars

| Industry | 1938 | 1939 | 1940 | 1.941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agreulture | 129,195,000 | 206, 324,000 | 198,375,000 | 161,524,000 | 406,198,000 | 298,603,000 |
| Forestry | 2,904, 224 | 3,018,165 | 4,220,595 | $6,233,404$ | 6,794,677 | 8,723,249 |
| Fiberies | 468,646 | 478,511 | 403,510 | 414,492 | 585,782 | 1,154,544 |
| Trappling | 537.516 | 589,538 | 1,258,243 | 1,947,747 | 2. 245,275 | 1,985,649 |
| Mining | 12,375,136 | 13,140,601 | 15,685,066 | 22,025,873 | 37,197.797 | 47,975, 215 |
| Electric Power | 4,757,862 | 5,205,620 | 5,421,115 | 5,816.640 | 6.041,038 | 6,408,515 |
| Constraction | 11,020,224 | 13,429,064 | 21, 243,412 | 20,668.374 | 15,602.922 | 11,128,058 |
| Custom and Ropalt | 8,164,703 | 7,746,000 | 7,888, 020 | 9,160,000 | 9,717,200 | 9,931,000 |
| Mazufactures, Total | 61.027 .853 | 60,650,589 | $76,284,332$ | 95,020,975 | $130,356,733$ | 152,123,360 |
| Total | $230.481,164$ | 320, 542,098 | 330,779, 273 | 323,911,510 | 604,639,224 | 538, 033,290 |
| Less: Duplication | 7,479,800 | $8,384,047$ | 11,301,423 | 16.003 .740 | 21,623,544 | 27,953,051 |
| GRAND TOTA | 223,001,364 | 302,158,041 | 319,577,850 | 307,907,770 | 583,015,680 | 510,080,239 |

Table 31. - Net Value of Producíon in Dollars

| Industry | 2938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 99,342,000 | 172,355,000 | 162,046,000 | 123,242,000 | 356,970, 000 | 249,573,000 |
| Porestry | 2,151,347 | 2,269,352 | 2,444,998 | 4,573,022 | 4,438,131 | 5,748,457 |
| F1 sherles | 468,646 | 478,511 | 403,510 | 414,492 | 585,782 | 1,154,544 |
| Trapping | 537.516 | 589,538 | 1,258,343 | 1,947,747 | 2,245,375 | 1,385,649 |
| Mintag | 7,029,842 | 6,391,404 | 8,652,006 | 9,336,756 | 14,487,408 | 23,507,079 |
| Slectric Powes | 4,019,721 | 4,330,867 | 4,591,186 | 4,889,185 | 4.989.788 | 5,189,906 |
| Constraction | 7,208,193 | 7,772,854 | 9,069,545 | 9,556,352 | 8.124.167 | 6,765,644 |
| Custom and Repair | 5,663,131 | 5,256,000 | 5,352,000 | 6,215,000 | 6,594.000 | 6,739,000 |
| Masuractures, Total | 16,143,335 | $20,393,273$ | 25,857,683 | 25,172,441 | 33,933,836 | 37,895,459 |
| Total | 142,579,731 | 220,326,799 | 219,675,061 | 188.347.995 | 432.368.387 | 338,558,738 |
| Less: Duplication ( $x$ ) | 3.260,301 | 4,023,411 | 6,672,519 | 7.411 .894 | 8.082 .672 | 8,641.554 |
| GRAND TOTAL | 139,319,430 | 216,303,388 | 213,002.542 | 180,936,101 | 424,385,715 | 329,917,184 |
| (x) Net Production in |  |  |  |  |  | -xis: |
| Processing Industries | 1,386,669 | 2,087,316 | $4,660,519$ | 5,114,950 | 5,813.274 | 5,113,267 |

Table 32. - Percentage Analysis of the Net Value of Production

| Industry | Net Value of 1938 equalltug 100 |  |  |  |  |  | Grand fotar Net Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 174.1 | 163.1 | 124.1 | 359.3 | 251.2 | 71.3 | 80.2 | 75.0 | 68.1 | 84.1 | 75.6 |
| Porestry | 100.0 | 105.0 | 113.1 | 211.6 | 205.3 | 256.0 | 1.6 | 1.0 | 1.1 | 2.5 | 1.0 | 1.7 |
| Pisherles | 100.0 | 102.1 | 86,1 | 88.4 | 125.0 | 246.4 | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| Trapping | 100.0 | 109.7 | 234.1 | 362.4 | 417.7 | 369.4 | 0.4 | 0.3 | 0.6 | 1.1 | 0.5 | 0.6 |
| Mining | 100.0 | 90.9 | 133.1 | 132.8 | 206. 1 | 334.4 | 5.0 | 3.0 | 4.1 | 5.2 | 3.4 | 7.1 |
| Slactric Power | 100.2 | 107.7 | 114.2 | 121.6 | 124.1. | 129.1 | 2.9 | 2.0 | 2.2 | 2.7 | 1.2 | 1.6 |
| Construction | 100.0 | 107.8 | 125.8 | 132.6 | 112.7 | 93.9 | 5.2 | 3.6 | 4.3 | 5.3 | 1.9 | 2.1 |
| Custom and Rapair | 100.0 | 92.7 | 94.4 | 109.6 | 116.3 | 118.9 | 4.2 | 2.4 | 2.5 | 3.4 | 1.6 | 2.1 |
| Manufactures, Total | 100.0 | 125.6 | 160.2 | 174.5 | 210.2 | 234.7 | 11.6 | 9.4 | 22.1 | 15.6 | 8.0 | 11.5 |
| Duplication | 100.0 | 123.4 | 204.7 | 227.3 | 247.9 | 265.1 | 2.3 | 1.9 | 3.1 | 4.1 | 1.9 | 2.6 |
| GRAND TOTAL | 100.0 | 155.3 | 152.9 | 129.9 | 304. 5 | 236.9 | 200.0 | 100.0 | 100.0 | 100.0 | 100.2 | 100.0 |

## AL HRERA

Table 33. - Gross Value of Production in Dollars

| Industry | 2938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 159,727,000 | 147,696,000 | 172,161,000 | 150,112,000 | 290,229,500 | 218,476,000 |
| Forestry | 4,889,559 | 4,983,771 | 7,308,375 | 9,330,256 | 20,349,943 | 10,961,502 |
| Fisheries | 492,943 | 430,724 | 450,574 | 440.444 | 492,182 | 795,000 |
| Trappl ng | 506,066 | 737, 285 | 1,892,664 | 1,952,287 | 5,162,676 | 3,502,585 |
| Mining | 27,898,325 | 29,558,706 | 33,425,561 | 39,779,583 | 45,341,016 | 46,749,970 |
| Electric Power | 5,546,544 | $5,914,827$ | 6,075,059 | $6,721,358$ | 7,300,736 | 8,213,638 |
| Constmaction | 13,166,662 | 17,856,669 | 27,350,018 | 35,295,959 | 33,389,725 | 25,142,003 |
| Custan and Repair | 8,705,104 | 8,554,000 | 8,671,000 | 10,364,000 | 11,139,000 | 11,410,000 |
| Manufactures, Total | 86,675,500 | 87, 474,080 | 107,313,964 | 142,651,493 | 178,103,011 | 211,159,142 |
| Total | 307,607.703 | 303,006,062 | 364,648,115 | 396,647,280 | 581,307,249 | 536,309,840 |
| Less: Duplication | 4,613,474 | 4,437,422 | 6,579.033 | 8,941,951 | 10,090,900 | 10,359,709 |
| GRAND TOTAL | 302,994, 229 | 298,568,640 | 357,769,082 | 387,705,429 | 571, 216,349 | 525,950,131 |

Table 34. - Net Value of Production in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 131,057,000 | 118,057,000 | 139.052.000 | 116,562,000 | 249,272,000 | 177,747,000 |
| Forestry | 3, 509,608 | 3,563,998 | 5,320,228 | 6, 474,131 | 6,573,763 | 7,163,497 |
| Tlsherles | 492,943 | 430,724 | 450,574 | 440,444 | 492.182 | 795,000 |
| Trapplng | 506.066 | 737,285 | 1,892,664 | 1.952,287 | 5,162,636 | 3,502,585 |
| Mining | 24,931.056 | 26,049,861 | 29, 593,293 | 36,167,469 | 40,604,704 | 41,767,222 |
| Electric Power | 5,253,250 | 5,542,712 | 5,809,751 | $6,322.557$ | $6.686,179$ | 7.726 .030 |
| Construction | 7,011,373 | 8,987,693 | 11.446.288 | 15,798,441 | 16,908,496 | 14,261,969 |
| Custom and Repair | 6,044,357 | 5,804,000 | 5,984,000 | 7,032,000 | 7,558,000 | 7,742,000 |
| Manufacturee, Total | $30,755,626$ | 32,618,153 | 37,747,215 | 45,958,219 | 57,479,536 | 65,796,913 |
| Total | 209,561,279 | 201,791,426 | 237,196,013 | 236,707, 548 | 390,737,496 | 326,502,116 |
| Less: Duplication | 3,696,090 | 3,556,672 | 5,136,879 | 6,536,371 | 7,116,935 | 7.292,230 |
| GRAND TOTAE | 205,365,239 | 198, 234,754 | 231,759,134 | 230,171,177 | 383,620,661 | 319,209,986 |

Table 35. - Percentage Analyais of the Net Value of Production

| Industry | Tet Talue of 1938 equallıg 100 |  |  |  |  |  | Orant Total Not Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | 90.1 | 106.1 | 88.9 | 190.2 | 135.6 | 63.7 | 59.5 | 60.0 | 50.6 | 65.2 | 55.7 |
| Forestry | 100.0 | 101.5 | 151.6 | 184.5 | 187.3 | 204.1 | 1.7 | 1.8 | 2.3 | 2.9 | 1.7 | 2.2 |
| Fisherles | 100.0 | 87.4 | 91.4 | 89.3 | 99.8 | 161.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.2 |
| Trappl ${ }^{\text {che }}$ | 100.0 | 145.7 | 374.0 | 385.8 | 1020.2 | 692.1 | 0.3 | 0.4 | 0.8 | 0.9 | 1.3 | 1.2 |
| Mining | 100.0 | 104.5 | 118.7 | 145.1 | 162.9 | 167.5 | 12.1 | 23.1 | 12.8 | 15.7 | 10.6 | 13.1 |
| Electic Power | 100.0 | 105.5 | 110.6 | 120.4 | 127.3 | 147.1 | 2.6 | 2.8 | 2.5 | 2.7 | 1.8 | 2.4 |
| Construction | 100.0 | 128.2 | 163.3 | 225.3 | 241.2 | 203.4 | 3.4 | 4.5 | 4.9 | 6.9 | 4.4 | 4.5 |
| Custom and Repalr | 100.0 | 96.0 | 97.3 | 116.3 | 125.0 | 128.1 | 2.9 | 2.9 | 2.5 | 3.1 | 2.0 | 2.4 |
| Manufactures, Total | 100.0 | 106.1 | 122.7 | 149.4 | 186.9 | 213.0 | 14.9 | 16.5 | 26.3 | 20.0 | 15.0 | 20.6 |
| Duplication | 100.0 | 96.2 | 147.1 | 176.8 | 192.6 | 197.3 | 1.8 | 1.8 | 2.3 | 2.8 | 1.9 | 2.3 |
| GRAID TOTAL | 100.0 | 96.3 | 112. 6 | 111.8 | 186.3 | 155.1 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

SURVEY OF PRODUCTION IN CANADA, 1938 TO 1943.

## British Columbia.

The net production of British Columbia was third as a commodity producer among the provinces, being surpassed by Ontario and quebec only. As the net output of the provinces rose 137 p.c. in the five-year period, the relative importance among the provinces showed a betterment.

Manufactures was the outstanding industrial group, accounting even after the elimination of the processing industries for $46 \mathrm{p} . \mathrm{c}$. of the provincial total. Providing the output of the eight duplicated industries were included, the proportion would be raised to 60.6 p.c. The increase in manufactures n.e.s, from 1938 to 1943 was no less than $430 \mathrm{p} . \mathrm{c}$. The advance in manufacturing production overshadowed the gains in other industrial grdups. The forestry industry, holding second place as a producer of revenue, recorded an increase of $61.5 \mathrm{p} . \mathrm{c}$. in net output, while the proportion to the provincial total declined from 25.5 p.c. in 1938 to 17.4 p.c. in 1943. The reaction in the relative position of mining was even more substantial. (See Tables 37 and 38, and Chart 8 c.)

## DESCRIPTION OF METHOD

The scope of the report is linited to a discussion of the production of commodities, classified as primary and secondary operations. The activities of the transport, trade, finance, government and service groups are entirely excluded.

The term production is used in this connection in its popular acceptance as applied to such processes as the growing of crops, the mining of metals and minerals, the catching of fish, conversion of water power into electrical current, the building of structures and manufacturing. Primary production includes agriculture, forestry, fisheries, trapping, mining and electric power, while construction, custom and repair and manufacturing are classified under secondary production. Gross and Net Production.

The value of products is shown under two headings, namely gross and net.

Chart 7


## BRITISH COLTMBIA

## Table 36. - Grobs Value of Production in Dollars

| Industry | 1938 | 1930 | 1340 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | 33,736,000 | 32,946,000 | 34,310,000 | 41,401,000 | 50, , 26,000 | 63,220,000 |
| Parestry | 101,885,779 | 106,678,356 | 140,144, 531 | 162,339,501 | 167,701,565 | 167,643,460 |
| Ficterlos | 26, 241,923 | 25,312, 284 | 30,546,687 | 44,395,681 | 54,549,172 | 46,909,869 |
| Trappling | 652,987 | 895, 489 | 1,079,387 | 1,624,891 | $1,655,137$ | 1,576,025 |
| Mining | 83,206,626 | 80,173,961 | 91,244,144 | 102, 906, 245 | 109,479,585 | 94,198,614 |
| Electric Power | 13,817,888 | 14, 430,242 | 15,752,756 | 17,248,786 | 18,120,811 | 18,242,533 |
| Construction | 78,177,344 | 26,985,533 | 34,765,372 | 57,435,615 | 71,412,660 | 85,055,532 |
| Custan and Repali | 15,498,120 | 14,394,000 | 14,778,000 | 16,390,000 | 17,920,000 | 18,401,000 |
| Manufactures, Total | 225,585,489 | 247,946,600 | 311,046,478 | 412,957,807 | 558,137,606 | 652,046,313 |
| Total | 528,802,156 | $549,764,465$ | 673,667,355 | 8.56,699,606 | 1,049,902,536 | 1,147, 293,346 |
| Less: Duplication | 105,702,844 | 116,550,947 | 149,892,839 | 182,682,489 | 201,381,452 | 191,179,698 |
| GRavd toral | 4,3,099,312 | 433,213,518 | $523,774,516$ | 674,017,117 | 848,521,084 | $956,113,648$ |

Table 37. - Net Value of Production in Dollars

| Industrs | 1.938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| sgriculture | 26,875,000 | 25,938,000 | 26,706,000 | 33,093,000 | 40,599,000 | 52,174,000 |
| Forestry | 60,707,184 | 62,919,226 | 83, 253,151 | 98,957,560 | 97,482,665 | 98,041,647 |
| Flaherles | 15,562,422 | 14,067,330 | 16,985,021 | 24,081,070 | 30,602,150 | 25, 464,636 |
| Irapping | 652,987 | 895,489 | 1,079,387 | 1,624,891 | 1,655,137 | 1,576,025 |
| Mining | 49,519,855 | 45, 419,651 | 52,513,427 | 60,323,299 | 64,378,171 | 54, 105,996 |
| Plectric Power | $13,748,409$ | 14,338,106 | 15,620,370 | 17,065,667 | 17,864.481 | 17,806,372 |
| Construction | 12,458,886 | 12,375,089 | 25,141,831 | $25,481,456$ | 35,003,024 | 43, 274,213 |
| Custom and Ropair | 10,760,992 | 9,767,000 | 10,028,000 | 11,121,000 | 12,160,000 | $12,486,000$ |
| Manufactures, Total | 90,471,828x | 103,263.292 | 130,206,263 | 181, 232,637 | 272,926,065 | $341,699,478$ |
| Total | 280,757,563 | 288,983, 283 | 351, 533, 450 | 452, 980, 580 | 572,670,693 | 646,628, 367 |
| Less: Duplication | $42,722,164$ | 47,669,693 | 64,826,432 | 79,726,668 | 87,161.269 | 82,677, 203 |
| GRAND TOTAL | 238,035,399 | $241,313,490$ | 286,707,018 | 373,253,912 | 485,509, 424 | 563,951,164. |

$x$ British Columbia and Tukan.

Tabla 38. - Percentage Analysis of the Net Talue of Froduction

| Industry | Net Talue of 1938 equalling 100 |  |  |  |  |  | Grand Total Net Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Asricul ture | 100.0 | 96.5 | 99.4 | 125.1 | 151.1 | 194.1 | 11.2 | 10.7 | 9.3 | 8.9 | 8.4 | 9.3 |
| Forestry | 100.0 | 103.6 | 137.1 | 163.0 | 160.6 | 161.5 | 25.5 | 26.1 | 29.0 | 26.5 | 20.3 | 17.4 |
| Fisherles | 100.0 | 90.4 | 109.1 | 154.7 | 196.6 | 163.6 | 6.5 | 5.8 | 5.9 | 6.4 | 6.3 | 4.5 |
| Trappdig | 100,0 | 137.2 | 265.3 | 248.8 | 253.5 | 241.4 | 0.3 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 |
| Mining | 100.0 | 91.7 | 106.0 | 121.8 | 130.0 | 109.3 | 20.8 | 18.8 | 28,3 | 16.2 | 23.3 | 9.6 |
| Llactric Power | 100.0 | 104.3 | 213.6 | 124.1 | 129.9 | 129.5 | 5.8 | 5.9 | 5.4 | 4.6 | 3.7 | 3.1 |
| Construction | 100.0 | 99.3 | 121.5 | 204, 5 | 280.9 | 34.7 .3 | 5.2 | 5.2 | 5.4 | 6.8 | 7.2 | 7.7 |
| Custom and Repals | 100.0 | 90.8 | 93.2 | 103.3 | 113.0 | 116.0 | 4.5 | 4.0 | 3.5 | 3.6 | 2.5 | 2.2 |
| Manufactures, Totai | 100.0 | 114.1 | 143.9 | 200.3 | 301.7 | 377.7 | 38.0 | 42.9 | 45.4 | 48.6 | 56.3 | 60.6 |
| Duplication | 100.0 | 111.6 | 251.7 | 186.6 | 204.0 | 193.5 | 17.9 | 19.8 | 22.6 | 21.4 | 18.0 | 14,7 |
| GRATD TOTAL | 200.0 | 102.4 | 120.4 | 156.8 | 204.0 | 237.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

## YUKON and MORTHNEST THPRITORIES

## Table 39. - Gross Falue of Production in Dollar:

| Industry |
| :--- |

Table 40. - Het Value of Production in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Agriculture | - | - | - | - | - | - |
| Forestry | - | - | - | 17.277 | 21.551 | 15.955 |
| Pisheries | 5,290 | 4,85? | 4,994 | 6,652 | 3,056 | 2.495 |
| Trapplog | 1,607,484 | 1,542,538 | 1,516,356 | 2,672,194 | 2,911,882 | 3,496,001 |
| Mining | 2,567,959 | 5,396,764 | 4,631,149 | 5,301,743 | 6,327,373 | 3,957,520 |
| Electric Power | 94,428 | 104,956 | 104,448 | 65,830 | 124,513 | 124,560 |
| Construction | - | - | - | - | - | - |
| Custam and Repair | - | - | - | - | - |  |
| Manufactures, Total | - | 92,054 | 152,733 | 199,863 | 263,471 | 237.709 |
| Total | 4,275,161 | 7,141,179 | 6,409,680 | 8,263,559 | 9,651,846 | 7,834,248 |
| Less: Duplication | - | - | - | 17,277 | 22,351 | 15,955 |
| GRATD TOTAL | 4,275,161 | 7.141.179 | 0,409,680 | 8,246.282 | 9,630,295 | 7,818,293 |

Table 41. - Percentage Analyais of the Fet Value of Production

| Industry | Net Falue of 1938 equalling 100 |  |  |  |  |  | Grand Total Net Production equalling 100 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| Agriculture | 100.0 | - | - | - | - | - | - | - | - | - | - | - |
| Porestry | 100.0 | - | - | - | - | - | - | - | - | 2.1 | 2.2 | 2.0 |
| Fisheries | 100.0 | 92.0 | 94.4 | 125.7 | 57.8 | 47.2 | 0.1 | 0.1 | 0.1 | 0.1 | - | - |
| Traphing | 100.0 | 96.0 | 94.3 | 165.2 | 181.1 | 27.5 | 37.6 | 21.6 | 23.7 | 32.4 | 30.2 | 44.7 |
| Mining | 100.0 | 210.2 | 180.3 | 206.5 | 246.1 | 154.1 | 60.1 | 75.6 | 72.2 | 64.3 | 65.7 | 50.6 |
| Flectric Power | 100.0 | 111.1 | 110.6 | 69.7 | 131.9 | 131.9 | 2.2 | 1.5 | 1.6 | 0.9 | 1.4 | 1.7 |
| Construction | 100.0 | - | - | - | - | - | - | - | - | - | - | - |
| Cuntom and Repair | 100.0 | - | - | - | - | - | - | - | - | - | - | - |
| Manufactures, Total | 100.0 | - | - | - | - | - | - | 1.2 | 2.4 | 2.4 | 2.7 | 3.0 |
| Duplication | 100.0 | - | - | - | - | - | - | - | - | 2.1 | 2.2 | 2.0 |
| GRND TOTA | 100.0 | 167.0 | 149.9 | 192.9 | 225.3 | 182.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Gross production represents the total value of all the individual commodities produced under the specified headings. Net production is computed by deducting from the gross production the cost of materials, fuel, purchased electricity, and process supplies consumed in the production process. The cost of fuel and electricity is deducted in accordance with Resolution 23 of the Conference of British Commonwealth Statisticians, meeting in Ottawa during 1935. A survey of production must differentiate between the more important branches and at the same time present a grand total that will be free from overlapping. For example, brick, tile and cement are included under mineral production as being the first finished products of commercial value resulting from the production process. They may, however, be classified under manufactures in view of the nature of the productive process -- either allocation being quite correct according to the point of viev. In the initial presentation production in such industries is regarded both as primary and as secondary production, but the duplication is eliminated from the grand totals. As further explaining the procedure that has been followed in drawing up the tables the following notes have been appended: -

1. Agriculture. A new series of gross and net production has been adopted for agriculture. The statistics included in the tables of the report wore prepared by the Agricultural Branch of the Bureau. The computation was effected in connection with the project on net farm income. The \&uarterly Bullctin of Agricultural Statistics, April - June, 1944 presents the background for the estimate introduced here. Gross farm income is the sum of the cash receipts from the sale of farm products, the income in kind and the value of the changes in inventories. The imputed value of house rent is excluded. The income in kind consists of the comodities produced on the farm and consumed by the farm family, valued at its alternative market price. The inventory section consists of the value of positive or negative changes in livestock and poultry inventories for all provinces and grain inventories in the three Prairie Provinces.

Chart 8



## NOTA SCOTIA

Table 42. - Net Value of Production in Processing Industries in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Clay Products | 273, 184 | 273,688 | 399,629 | 409,531 | 485, 189 | 367,768 |
| Lime | 87,903 | 105,788 | 145,981 | 158,680 | 183,896 | 82,841 |
| Salt | 163.368 | 172.388 | 176,346 | 256,855 | 271,384 | 209.172 |
| Other Industries | 6,591,356 | $6,574,829$ | 8.730 .053 | $9,438,474$ | 10,323,825 | 11,891,275 |
| Total | $7.115,811$ | 7.126,693 | 9,452,009 | 10,263,540 | 11,164,384 | 12,551,056 |

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Table 43. - Net Talue of Production In Processing Industries in Dollars

| Industry |
| :--- |

## ONTARIO

Table 44. - Nat Falue of Production in Processing Industries in Doliars

| Induntry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Savilling | 5,998,066 | 6,950,642 | 9,749,349 | 10,596,118 | 13,346,008 | 12,528,883 |
| Clas Product: | 1,523,687 | 1,799,650 | 1,814,541 | 2,183,592 | 1,905,868 | 1,821,356 |
| L2me | 1,535,301 | 1,753, 524 | 2,068,786 | 2,428,895 | 2,368,332 | 2,324,871 |
| Salt | 1,409,720 | 1,968,623 | 2,106,422 | 2,149,558 | 2,324,717 | 2,825,315 |
| Other Industrien | 88,002,619 | 78,829,069 | $95,853,694$ | 106,910,179 | 102,295,243 | $90.976,688$ |
| Total | 98,469,293 | 91,301,508 | 111,592,792 | 134,268,342 | 122,140,168 | 110,377.013 |

## MARITOBA

Table 45. - Net Value of Production in Processine Industites in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sawnilling | 673,493 | 710,763 | 1,062,611 | 1,395,239 | 1,476,333 | 1,492,113 |
| Clay Products | 81,596 | 65,165 | 82,865 | 67,774 | 67,251 | 124,351 |
| Itme ...... | 121,593 | 124.039 | 142,348 | 174,950 | 155,967 | 167.911 |
| Salt | 11,565 | 16.741 | 21,386 | 57,111 | 295,583 | 385,065 |
| Other Industries | 2,209,509 | 2,134,924 | 5,341,500 | 3,559, 412 | 3,257,192 | 2,650,261 |
| Total | 3,097,756 | 3,051,632 | 6,650,710 | 5,254,486 | 5,252,226 | 4,919,701 |

## ALBMTSA

Table 46. - Net Value of Production in Processing Industries in Dollars

| Indestry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Clay Producte | 349,179 | 427,277 | 789,499 | 914,295 | 988,128 | 948.262 |
| Lime | 80,984 | 88,073 | 111,638 | 108,890 | 109,926 | 105,486 |
| Salt | 19,180 | 15,452 | 157,328 | 213,009 | 282,071 | 229.302 |
| Other Industrios | 1,496,097 | 1,559,506 | 2,605,414 | 3,762,168 | 4,142,762 | 3,877,541 |
| Total | 1,945,340 | 2,090,308 | 3,663,879 | 4,998,362 | 5,522,787 | 5,160,591 |

BRTTISH COLTMBIA
Tab1e 47. - Het Talue of Production in Processing Industries in Dollars

| Industry | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |

Raw materials such as feed and seed purchased through market channels, tractor fuel, 011 and grease, binder twine, fertilizer and fencing, etc., are deducted from the gross value of production to give the net value.

The discontinued series of gross and net production, as given in the preceding numbers of the Survey of Production, has been published in the Monthly and Quarterly Bulletins of Agricultural Statistics for at least a quarter of a century. A revision for 1926 to 1941 was given in the Quarterly Bulletin for January-March, 1942. The net value was obtained by deducting from the gross vilue, the estimates of the value of farm products used for seed and feed for live stock. These products included feed grains, fodder crops and milk fed to live stock.
2. Forestry. The forestry totals were compiled by the Forestry Branch of the Bureau. The gross production resulting from operations in the woods is estimated on the footing of returns from the more important concerns carrying on logging operations regularly in Canada and from other special enquiries in the field. The firms so covered produced over 38 p.c. of the total cut in 1943 . The cost of materiels is computed by the Forestry Branch for the Dominion and distributed by provinces according to the amount of gross production. As the totals for agriculture include forest products obtained by furmers from wood lots of farms whether sold or retained for use, a certain amount of duplication exists between the totals for agriculture and forestry. The Dominion total in 1943 was about $\$ 64$ million and deduction was made in this connection in the accompanying tables. The gross and net production of the sawmilling and pulp and paper industries are prepared and published yeer by year by the Forestry Branch.
3. Fisheries. The sum of the value of the fisheries and the cost of fish used in factories is regarded as the gross revenue of the industry. The former is given historically in Table 14, on page 41 of the Bureau report for 1943. The totals include the value of fish sold by fish curing and packing plents as well as the sales of fishermen other than to such processing establishments. The cost of fish used by
the secondary phase of the industry is presented in Table 40 of the same report. The sum of the value of the fisheries shown in Table 14 and the cost of fish used as recorded in Table 40 is regarded as the gross value of production. Deducting the cost of materials, fuel and electricity from the gross revenue, we have the net value. The cost of materials and fuel and electricity are taken tron Table 40. No data being available as to the cost of materials and fuel used by the primary phase of the industry, the net value was taken as equivalent to the gross.
4. Trapping. The value of production in the trapping industry vas obtained by deducting the value of the pelts sold from fur farms in the calendar year from the total value of fur production during the fur year terminating at the end of June. The difference indicated for Prince Edward Island was arbitrarily reduced as the derived value given for wild life was believed excessive. The Dominion total was correspondingly reduced giving effect to the adjustment. The net value was taken at the same level as the gross.
5. Mining. The amount of the net value of mineral production and the cost of process supplies, purchased electricity, fuel, freight and smelter charges are given in Colums 8 and 7 of the table giving principal statistics in recent reports of the Mining, Metallurgical and Chemical Branch. The sum of these amounts is taken as the gross value of production, while the net was reported as the "net value of bullion, ore, concentrates, residues and other minerals shipped from mines, smelters, brick and cement plents and quarries".
6. Electric Power. The gross revenue of the Central Electric Stations is given from 1931 to 1943 on page 339 of the Year Book of 1945. The duplication consisting of power purchased by the companies of one province from the firms of another is eliminated. The net production was obtained by deducting the cost of fuel from the gross value of production. The cost of fuel is given in line 4 of Table 6 entitled "Expenses" included in the annual report regarding the Central Electric Stations of Canada.

Primary Duplication. The gross and net value of agricultural production, as presented in the Canadian and Provincial tables, include forest products produced on farms whether for sale, or retained for purposes of fuel, fencing or other uses. As such products are also reported, under forestry the amount of the duplication is deducted in the various tables.
7. Construction. The value of work performed as given in the Annual report on the Construction Industry prepared by the Construction Branch is taken as the gross value of construction. The cost of materials used as published in the same series of reports is deducted from the gross to obtain the net value of production. Considerably higher levels for new construction and resource development during the period from 1926 to 1941 are given in "Public Investment and Capital Formation" published August, 1945 by the Department of Reconstruction. The results are presented as item 18, of Table 5 a , page 38, the method of computation being given on pages 102 - 106 . As the net value of production, the provincial distribution and current data of the series published by the Department of Reconstruction are unavailable, it has been decided to present in this connection the version of the Construction Branch of the Bureau.
8. Custon and Repair. The custom and repair group comprises thirteen industries most of which are by themselves of minor importance. The main activities are as follows: Automobile repair, dyeing, cleaning and laundry, blacksmithing and the repair of bicycles, boots and shoes, harness and saddlery, jewellery, furs, business machines, radio and electrical appliances, upholstering and forniture, lock and gun smithing and miscellaneous repair work. The Census of Trading Establishments conducted in 1930 and 1941, is the best source of information in regard to the operations of the group. The gross receipts of custom and repair establishments during 1941 were added to the revenues from repairs and services of retail stores as given in Table 19, of Volume 10 of the Eighth Census. Fourteen kinds of stores, limited as accurately as possible to the stores rendering repair and custom service, were considered. The gross value of production was then adjusted according to the proportion of employee remuneration in the entire group as given by the decennial census to the salaries and wages paid by the appropriate establishments listed in Volune 10.

