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 NE PAS PIAETETCANADA

DEPARTMENT OF TRAJE AND COMMERCE
DOMINION BUREAL OF STATISTIC
GENERAL STATISTICS BRANCH

## THE

SEPTEMBER
EMPLOYMENT SITUATION

1927
(As reported by employers having 15 or more employees)

Note: - Statements relating to unemployment as reported by trade unions. and to the operations of the Employ ment Service of Canada, togetmer with the statistics OF THE PRESENT BULLETIN, ARE PUBLISHED IN THE LABOUR Gazette, the official journal of tme Department of Labour, Canada

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OTTAWA


The curve fo based on the number of omployees at work on the first day of the month as indicated by the firms reporting in comparison with the number of employees thoy reportod in Junuary, 1920, as 100.

Issuec Sept. 23, 1927.
THESEPTEMBER EMPIOYMENT SITUATION

Dominion Statistician: R.H. Coats, B.A., F.S.S.,(Hon.) F.R.S.C. Chief, General Statistics: S.A. Gudmore, M.A., F.S.S.

There was continued improvement in the employment situation at the beginning of September, when the 6,079 firms reporting to the Dominion Bureau of Statistics showed a combined working force of 905,756 persons, as compared with 900,621 in the preceding month. This increase was rather larger than that noted on Sept. I of last year, and greatly exceeded the gain indicated on the same date in 1925. The index number, standing at 109.7 , continued to be considerably higher than in any other month since the record was commenced in 1920. On Aug. 1, 1927, it was 109.2 and on Sept. 1, 1926, 1925, 1924, 1923, 1922 and 1921, it stood at 104.9, 96.6, 93.1, 100.0, 93.7 and 88.7 , respectively. If employment follows the trend usually indicated during the autumn, further expansion may be expected in the next report.

Logging and transportation showed the most pronounced gains, but there were also important advances in trade, services, building and mining. On the other hand, manufactures recorded a slight falling off.

## EMPLOMENT BY ECONOMIC AREAS

Quebec, Ontario and the Prairie Provinces reported improvement in the situation, while employment in the Maritime Frovinces and British Columbia declined moderately.

Maritime Provinces.- As on Sept. I of most years of this record, there was a slackening in activity in the Maritime Provinces, chiefly in the mining, transportation and highway construction divisions; on the whole, practically no change was noted in manufacturing. Statistics were received from 532 firms, whose staffs aggregated 74,231 workers, compared with 74,955 in the preceding month. The index of employment was several points higher than on the corresponding date of last year.

Quebec. - Further gains were noted in building and highway construction and in services, logging and mining, while manufactures showed no general change. Within the last named, there were gains in leather, rubber, textile and electric current plants, but lumber mills were seasonally quiet and emp? oyment in iron and steel works decreased. The working force of the 1,289 co-operating employers stood at 257,823 perscns, as against 256,254 on Aug. 1. Contractions were registered at the beginning of September, 1926, when the index was lower.

Ontario.- Increases on practically the same scale as on Sept. I of a year ago were recorded in Ontario, where 2,800 firms enlarged their staffs by 4,191 employees to 369,461 on the date under review. Manufacturing as a whole employed fewer operatives, largely on account of losses in iron and steel and building material plants, while there were gains in the electrical apparatus, electric current, food and several other divisions. Logging camps reported considerable seasonal activity, and construction, services, trade, transportation and mining also showed improvement. The situation was decidedly more favourable than in the early autumn of 1926.

Prairle Provinces. - The trend of employment continued to be upward, the expansicn being rather greater than on the same date of last year, when the index was much lower. Returns were tabulated from 776 employers of 122,406 morkers, as compared with 121,599 at the beginning of August. Manufacturing, (especially the iron and steel, food, pulp and paper groups) mining, transportation and highway construction afforded heightened employment, but railway construction was seasonally slacker.

British Columbia.- For the first time since the beginning of this year, there was a roduction in employment in British Columbia; this took place chiefly in fishpreserving, sammilling and non-ferrous metal factories, and in construction, while logging showed improvement. The working force of the 682 firms furnishing data declined from 82,543 persons on Aug. 1 to 81,835 at the beginning of September.

Chart 2.- EMPLOYIENT BY ECONOLIC ATEAS, 1926-1927.


Moderate gains were recorded on the corresponding date in 1926, but the index then was slightly lower.

Tables 1 and 4 give index numbers by economic areas, while Chart 2 shows the course of employment in these areas in recent months; the curves are based upon the number of workers indicated by the reporting firms at the beginning of the month as compared with the number they employed in Jan. 1920, as 100.

## EMPLOYYENT BY CITIES

Employment in Montreal, Quebec, Toronto, Windsor and Winnipeg advanced; in Ottawa the situation was practically unchanged, while in Hamilton and Vancouver curtailment was registered.

Montreal.- In contrast with the downward movement noted on Sept. 1, 1926, there was an increase in Montreal on the date under review, 1,673 workers being added to the pay lists of the 668 co-operating firms, whe employed 118,631. Manufactures, except iron and steel works, showed quite general improvement; construction, transportation and services were also considerably busier. The index was higher than at the beginning of September of any other year of the record, which for this city goes back to 1922.

Quebec.- Continued advances were indicated in Quebec, according to $91 \mathrm{em}-$ ployers of 11,004 persons, as compared with 10,702 in the preceding month. Most of the gain took place in construction and manufacturing. Fmployment was at its maximum for the last three years.

Toronto.- Mamfacturing, services and trade registered heightened activity, bringing the index to the highest point reached in the six years' record for Torcnto. Statements were received from 795 firms with 106,496 workers, or 1,887 more than on Aug. 1. Rather smaller increases had been indicated on the corresponding date of a year ago.

Ottawa.- The situation in Ottawa showed practically no change, slight increases in manufactures being offset by similar declines in construction. The 128 firms furnishing returns reported 11,648 employees, compared with 11,599 in the preceding month. On Sept. 1, 1926, the tendency was unfavourable and the index was many points 10 wer.

Hamilton.- Iron and steel and building construction released help in Hamilton, while other industries showed little general change; 200 employers recorded 29,588 persons on their payroll, as against 30,699 on Aug. 1. Fmployment was in smaller volume than at the beginning of September of a year ago, when improvement was shown.

Tindsor and the Cther Border Cities.- Another moderate advance was noted in the Border Cities, where 94 co-cperating firms reported 9,682 workers, as against 9,615 in the preceding month. Quarrying and transportation were rather more active. A minor decline had been indicated on the same date of last year, but the index number then was considerably higher.

Winnipeg. - Employment in Winnipeg continued th increase, the gains being on a larger scale than at the beginning of September, 1926, when the situation was not eo favourable. Manufacturing, commanications and trade registered most of the improvement. An aggregate working force of 29,721 persons was reported by the 277 employers whose returns were received, and who had 28,731 employees in the preceding month.

Vancouver.- There was a further falling off in activity in Vancouver, according to statements received from 240 firms anoloying 25,957 workers, as against 26,429 on Aug. 1. Reductions in persomel in lumber mills accounted for most of the contraction, al though construction was alsc slacker. Employment was in smaller volume than on the corresponding date of a year ago.

Index numbers by cities are given in Tables 2 and 5.

## ERPLOXMENT BY INDUSTRIES

Manufacturing.-Iron and steel, lumber, fish-canning and building material plants showed curtailment, partly seasonal in character, while vegetable food, electrical apparatus, electric current, boot and shoe, textile and some other industries reported greater activity. Statements were received from 3, 822 manufacturers employing 486,342 operatives, or 705 fewer than on Aug. 1. Errployment on Sept. 1, 1926, had advanced, but the index then was lower than on the date undor review.

Logging - The commencement of seasonal operations in logging cemps caused a larger increase in emplojment than on Sept 1 of 1926 or 2925 , when the indexes were lower than on the date under review The 238 e-operating firms employed 18,291 worlers, compared wi. th 15.870 in the preceding month.

Mining - Coal mines released some omployeas. but metallic ones ard non-metallic mincrals showed improvement. The group as a whole afforded work to zól more persons than on $\mathrm{Aw}_{5}$. I., according to the 214 operators furnishing data, who had 47,203 employees. Moro pronounced gains were indicated at the beginning of September of a yeair ago, then conditions were not so favourable.

Conmunications = Further moderale gaias rere noted ia this division, chiefly on telephones. Statistics were complled from 186 coxpanies and oranchos employing 25:923 workers, compared with 25,799 in thear last report. Employment continu.cd to be in greator volume than on the corresponding date cf 1926.

Iransportation-Local and steam railway operations showed increasec activity, but shippirg and stevedoring was rather slacker. A combined force of 116,079 persons was rogistored by the 27? companios and divisions furnishing data, which had 115,043 on Aug. 1. The index was slightly higher than on the same date of last year, then rather larger gains were indiceted.

Construction ond Maintenance, There was a fusther though smaller increase in employment in builaing, but hi ghway and railway construction showed seasonal losses, which, however, were not so merked as those recorded on Sept. 1, 1926. The payroils of the 656 contractors whose returns were taiculated aggregated 130.257 employees, or 434 more than in the preceding month. The sitvation continued to be vetter than in the same month of any other year of the record.

Services. - This group regiatered greater advances than are usually indicated at the boginning of September. the gains takinf place mainly in the hotel and restaurant and personal service divisions. Employment on the date under revierl was at the highest level so far reached in this record. The 175 establishmonts furnishing returns roported 17,887 assistants, as against 17,113 on Aus. 1.

Trade. The aditions to starf on the date unde: review were larger than have usually been registered at the boginning of September; employment continued at a higher level than in the autum of any other year of the recorc wich was instituted in 1920. Returns wore recolved from 536 retail. and wholesole houses employing 63.774 persons, comparod with 62. 984 on Aug. 1. All the advance took place in wholesale trade, retailers releasing some employeer.

Index numbers by industries are given in roble 3 .
EMPIOMENT IN OTHER COUNTRIES.
The following notes on employment in the British Isles are taken from the latest available statistics of the Britiok Ministry of Iabour. The extracts respecting conditions in the United States are token from the latest official reporis seceivod.

Great Britain and Northern Ireland-Employment during July showed, on the whole, a slight decline as compared with June; among the 12,000,000 vorkers insured against unemployment under the Unemployment Insurance Acts in Great Britain and Northerri Ireland, the percentage unemployed was 9.3 on July 25. 1927, as compared with 8.9 on June 20 , 1927, and 14.4 on July 26. 1926. Recent press reports state that 1, 049,000 morkers were unemployed in the last week of August. as compared rith 1,027,000 in the last weck of July.

## UNTTRD STATES

Nem. York. There was practically no change in the total number of employees on the payc,olle of over 1,300 manufacturers in New York State, employing approximatcly 450,000 workers. There were important gains in mon's clothing, shoe, furniture, piano, textile, women's clothing and headwear factories, but the food, non-ferrous metal, sheet metal and automobile industries showed curtailment.

Massachusets - The number of parsons emploved by 1,018 manufacturing establishments in Massachusetts durirg lugust was 227.258 as compared vith 222,056 in July. Boot and shoe, knittins and rubber footwear plants reportod improvement, while cotton and roollen factories roleased employees.

Illinoic. - Fayployment in Illinois factories increased 1.4 per cont during August as compared with July. Textile, cannins, beverape, confectionery, glass, printing and tool plants were slacker, but improvemoni was shown in clothing, brick, metal, fur, leathor and some other industries. Construction and mining also aiforded more employmant.

Fisconsin... There was a seasomal increase or 3.2 per cant in tho number of persons on the payrcils of Wisconsin manufacturess during July as compared with June. The food, printine and publishing, metal and paper industrios reported most of the improvement.

Hote: Number employed by the reporting firms in Jan, 1920=100 in every case. The "Relative Weight" shows the proportion of omployces in the indicatod area to the total number of employees reported in Canada on the date under roview. Table 1.- Index Numbers of all Employment by Economic Areas, and of Dominion Employment in Thanufacturing.

|  | Maritimo |  |  | Prairie | British | All manu- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Canada | Provinces | Qucboe | Ontario | Provinces | Colurnbia | facturine |
| 88.7 | 93.5 | 87.4 | 83.7 | 98.5 | 95.6 | 79.3 |
| 93.7 | 90.3 | 91.6 | 91.9 | 101.2 | 102.0 | 86.5 |
| 100.0 | 107.4 | 100.1 | 98.1 | 101.1 | 106.6 | 93.0 |
| 93.1 | 86.6 | 97.3 | 88.9 | 93.9 | 106.0 | 84.5 |
| 83.9 | 78.5 | 85.0 | 81.4 | 88.1 | 92.9 | 75.5 |
| 86.1 | 79.1 | 89.1 | 83.4 | 88.4 | 95.1 | 79.3 |
| 87.0 | 81.7 | 89.6 | 85.0 | 85.0 | 98.1 | 81.9 |
| 87.2 | 83.4 | 89.8 | 84.9 | 84.1 | 100.1 | 34.3 |
| 90.3 | 86.5 | 94.2 | 87.7 | 88.0 | 105.1 | 36.6 |
| 94.5 | 90.3 | 100.6 | 89.8 | 93.1 | 106.5 | 83.3 |
| $96.3$ | 99.4 | 101.1 | 91.8 | 95.9 | 108.0 | 3.1 |
| 96.3 | 92.2 | 101.3 | 92.8 | 96.3 | 115 | 89.4 |
| 98.3 | 88.1 | 102.7 | 94.3 | 99.8 | 114.5 | 91.3 |
| 97.1 | 85.5 | 101.1 | 93.7 | 99.1 | 111.5 | 89.2 |
| 95.3 | 83.5 | 98.5 | 92.6 | 97.5 | 109.0 | 38.1 |
| 89.6 | 84.4 | 90.7 | 86.3 | 95.1 | 100.5 | 83.2 |
| 90.7 | 85.1 | 92.6 | 88.1 | 90.7 | 103.6 | 85.9 |
| 91.5 | 88.7 | 95.0 | 89.2 | 88.6 | 103.3 | 87.7 |
| 91.4 | 84.7 | 95.7 | 88:0 | <8.2 | 108.3 | 89.3 |
| 94.3 | 83.8 | 99.0 | 90.4 | 92.5 | 113.5 | 91.3 |
| 101.0 | 87.9 | 108.8 | 95.2 | 103.5 | 116.6 | 93.9 |
| 103.7 | 91.1 | 112.8 | 97.0 | 107.3 | 118.1 | 95.3 |
| 104.2 | 94.5 | 113.5 | 96.7 | 106.5 | 120.8 | 95.8 |
| 104.9 | 96.7 | 113.1 | 97.9 | 106.9 | 121.8 | 96.9 |
| 105.2 | 94.2 | 113.1 | 98.7 | 110.0 | 119.2 | 96.7 |
| 102.8 | 85.6 | 110.6 | 97.4 | 107.7 | 116.0 | 94.9 |
| 101.1 | 85.1 | 107.7 | 96.8 | 105.4 | 112.7 | 93.8 |
| 94.8 | 90.8 | 98.2 | 90.9 | 100.6 | 98.8 | 37.5 |
| 95.4 | 87.5 | 99.9 | 92.3 | 97.2 | 102.5 | 90.7 |
| . 3 | 86.6 | 100.9 | 94.0 | 95.9 | 104.8 | 92.2 |
|  | 87.2 | 99.2 | 94.3 | 94.8 | 108.3 | 93.8 |
| 100.6 | 89.6 | 105.5 | 98.1 | 99.7 | 112.0 | 96.1 |
| 105.9 | 92.2 | 112.8 | 101.5 | 107.2 | 118.9 | 98.8 |
| 108.4 | 100.5 | 115.0 | 102.3 | 111.5 | 122.9 | 98.7 |
| 109.2 | 100.9 | 115.2 | 102.6 | 114.8 | 124.0 | 98.9 |
| 109.7 | 100.0 | 115.9 | 103.8 | 115.2 | 122.5 | 98.7 |

Relative weight of Employment by Districts and in Manufacturing as at Sept. 1, 1927.


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Tabie 3.-lndox Numbers oi Employment, in Conada by Industries (Jan. 1920 - 100)


1) The "Relative Jeight" column shovs the proportion thet the number of cmployees in the indicutcd industry is of the total number of cmployees reportod in all industrias by firms making returis on the date undor revien.



Table 5 - Index Numbers of Honlesmant by Cities and Principal Industries (Janu1920=100)

| Montreal - Manufacturing | $65.6 \quad 89.4$ | 89.5 | 88.9 | 82.0 | 79.6 | 85.5 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Plant products - edible | 5.2102 .7 | 102.8 | 102.0 | 98.5 | 96.8 | 96.3 |
| Pulp and paper (chicfly printimg) | $4.6 \quad 96.1$ | 93.3 | 94.3 | 94.0 | 93.7 | 94.6 |
| Textiles | $12.8 \quad 86.8$ | 85.3 | 81.1 | 80.8 | 7.. 8 | 73.2 |
| Tobacco, distillad and malt liquors | rs $5.8 \quad 95.3$ | 95.3 | 34.4 | 96.6 | 07.6 | 80.8 |
| Iron and steel | 14.472 .9 | 77.7 | 76.4 | 63.6 | 65.7 | 86.6 |
| Other manufacturos | 22.899 .5 | 97.5 | 99.5 | 89.7 | 85.1 | 86.2 |
| Communi cations | 4.6169 .0 | 167.6 | 153.4 | 155.5 | 147.8 | 123.9 |
| Transportation | 9.0203 .0 | 196.9 | 216.7 | 198.2 | 181.0 | 136.3 |
| Construction | 7.7226 .3 | 201.4 | 224.9 | 214.5 | 170.0 | 159.9 |
| Trade | 10.0121 .2 | 120.9 | 108.4 | 103.2 | 93.4 | 94.1 |
| Montreal - All Industries | 100.0106 .4 | 104.8 | 104,6 | 97.3 | 92.9 | 93.6 |
| Quebec - Manufacturing | $53.5 \quad 87.6$ | 86.4 | 84.4 | 81.2 | 82.5 | - |
| Leather proaucts | 19.391 .8 | 90.4 | 83.3 | 88.2 | 87.0 | - |
| Other manufactures | 34.285 .4 | 84.3 | 85.1 | 77.2 | 79.9 | - |
| Transportation | 12.0182 .3 | 203.8 | 184.8 | 187.7 | 126.4 | - |
| Construction | 24.5358 .2 | 301.5 | 250.2 | 176.4 | 230.4 |  |
| Quebec - All industries | 100.0118 .6 | 115.4 | 103.5 | 97.4 | 96.4 | - |
| Toronto - Manufacturing | 64.189 .5 | 59.1 | 86.6 | 83.0 | 78.7 | 82.8 |
| Plant products - cdiblc | 6.196 .8 | 95.3 | 89.6 | 90.6 | 88.9 | 84.3 |
| printing and publishing | 9.2101 .0 | 102.7 | 98.0 | 94.3 | 92.6 | 90.2 |
| Textiles | 11.474 .0 | 73.7 | 76.0 | 74.2 | 72.9 | 72.5 |
| Iron and steel | $10.2 \quad 87.8$ | 91.4 | 85.9 | 75.3 | 64.7 | 82.0 |
| Other manufactures | 27.293 .4 | 90.7 | 88.4 | 85.4 | 80.7 | 86.3 |
| Cormunications | 4.7134 .8 | 134.8 | 130.0 | 121,1 | 122.0 | 108.9 |
| Transportation | 5.1110 .2 | 109.9 | 104.7 | 111.1 | 114.0 | 139.5 |
| Construction | 6.0221 .5 | 222.6 | 142.0 | 111.9 | 101.0 | 157.1 |
| Trade | 16.9103 .6 | 100.2 | 94.2 | 93.6 | 93.3 | 90.0 |
| Toronto - All industries | $100.0 \quad 98.9$ | 97.6 | 92.3 | 88.5 | 85.3 | 89.6 |
| Ottawa - ifanufacturing | 01.1108 .7 | 107.3 | 97.7 | 97.3 | 92.5 | 97.6 |
| Lumber products | 13.4130 .6 | 130.0 | 126.3 | 131.3 | 118.3 | 126.0 |
| Pulp and paper | 21.390 .5 | 88.8 | 86.4 | 85.5 | 82.8 | 54.6 |
| Other manufactures | 26.4116 .0 | 116.7 | 96.0 | 94.2 | 90.4 | 97.4 |
| Construction | 9.1186 .9 | 192.5 | 152.6 | 144.3 | 182.8 | 241.4 |
| Trado | 12.793 .6 | 96.9 | 83.7 | 85.1 | 89.7 | 85.2 |
| Ottava - All industrios | 100.0110 .5 | 110.5 | 98.6 | 98.5 | 100.6 | 107.5 |
| Hemilton - Manufacturing | 86.995 .3 | 96.9 | $96 . \varepsilon$ | 82.1 | 74,6 | 87.2 |
| Textiles | 19.5100 .4 | 100.6 | 106.9 | 97.3 | 90.1 | 76.3 |
| Eloctrical apparatus | 10.7116 .5 | 112.6 | 115.7 | 95.5 | 104.1 | 114.6 |
| Iron and steel | $33.5 \quad 82.9$ | 88.6 | 87.0 | 64.3 | 51.7 | 82.0 |
| Other manufacturcs | 23.2104 .8 | 102.3 | 95.0 | 95.8 | 90.5 | 94.7 |
| Construction | 3.1161 .3 | 279.4 | 224.7 | 246.4 | 170.0 | 262.1 |
| Trade | 3.5103 .0 | 103.7 | 102.3 | 102.0 | 106.3 | 105.0 |
| Hemilton - All industrics | 100.0 98.1 | 101.7 | 100.3 | 86.9 | 79.4 | 92.2 |
| Windsor - Manufacturing | 73.874 .8 | 74.7 | 101.9 | 80.1 | 79. |  |
| Iron and stecl | 52.671 .3 | 71.0 | 110.8 | 82.3 | - | - |
| Other manufactures | $21.2 \quad 85.4$ | 85.1 | 74.4 | 73.7 | - | - |
| Construction | 11.0144 .4 | 148.3 | $1+0.1$ | 91.5 | - | - |
| Windsor - A 11 industrics | 100.0880 .5 | 86.1 | 109.2 | 85.6 | - | - |
| Winniper - Manufacturing | 38.9116 .4 | 109.4 | 110.2 | 98.4 | 95.7 | 97.0 |
| Amimal products - odible | 4.6146 .5 | 137.7 | 144.2 | 135.7 | 138.1 | 113.1 |
| Plant products - odible | $4.5 \quad 92.5$ | 84.4 | 88.5 | 87.3 | 91.6 | 96.3 |
| Printing and publishing | 7.1102 .0 | 92.7 | 90.3 | 83.2 | 84.2 | 93.3 |
| Textiles Other manufactures | 5.3109 .5 | 104.0 122.7 | 106.3 121.3 | 102\%.5 | 89.3 | 93.2 |
| Transportation | 17.4128 .5 | 101.1 | 121.9 97.5 | 102.5 | 101.9 | 99.8 |
| Construction | 6.3148 .0 | 147.2 | 230.3 | 80.7 | 80.5 | 106.6 |
| Trado | 40.598 .9 | 97.8 | 85.1 | 80.0 | 76.4 | 80.9 |
| Winnipeg - All industries | 100.0107 .4 | 103.6 | 101.6 | 88.0 | 86.4 | 8.9 |
| Yancouvor - Manufacturing | $39.5 \quad 30.1$ | 93.0 | 102.0 | 95.5 | 84.5 | 86.0 |
| Luriber products | 12.2100 .0 | 108.4 | 124.3 | 125.1 | 106.0 | 113.4 |
| Other manufactures | 27.386 .2 | 87.1 | 93.1 | 83.6 | 75.9 | 74.8 |
| Cormunications | 8.4157 .8 | 158.8 | 163.2 | 151.7 | 135.8 | 132.9 |
| Transportation | 17.0144 .4 | 146.2 | 147.6 | 137.5 | 132.3 | 151.2 |
| Construction | 7.9162 .3 | 192.5 | 202.8 | 144.8 | 146.5 | 104.1 |
| Services | 5.2110 .3 | 115.5 | 109.5 | 104.3 | 94, 1 | 98.7 |
| Trade | 21.8151 .4 | 150.7 | 137.2 | 127.0 | 114.7 | 112.3 |
| Yancouver - All industries | 100.0118 .7 | 120.8 | 124.2 | 113.9 | 104.0 | 104.3 |

1/ Pronortion of omployees in indicated industry within a city, to the number of employees reported in that city by the firms making roturns.

