



Centre for Economic Development,  
Transport and the Environment



TE-palvelut  
tjänster | services

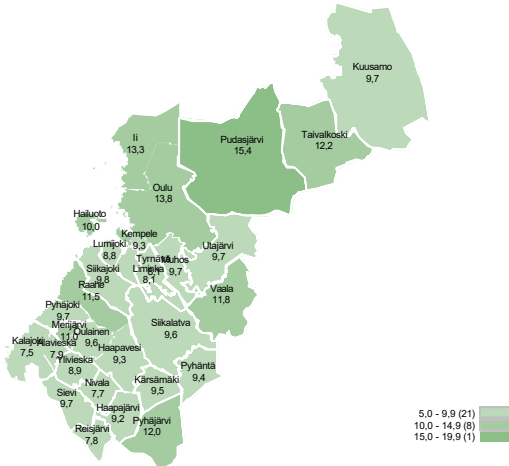
NORTH OSTROBOTHNIA

# Employment Bulletin

July 2023

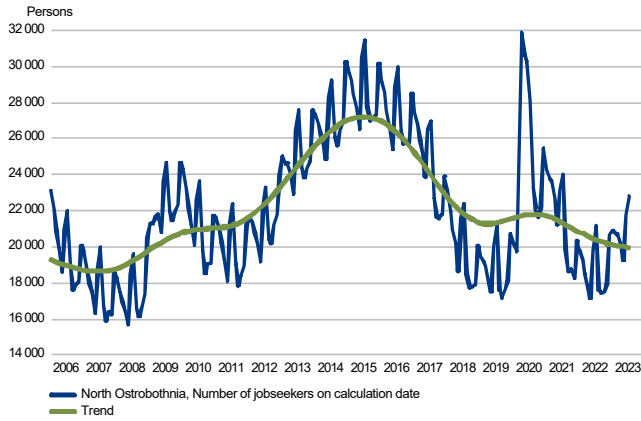
## Unemployed jobseeker's percentage of the workforce

Unemployed jobseekers' percentage of the workforce by municipality

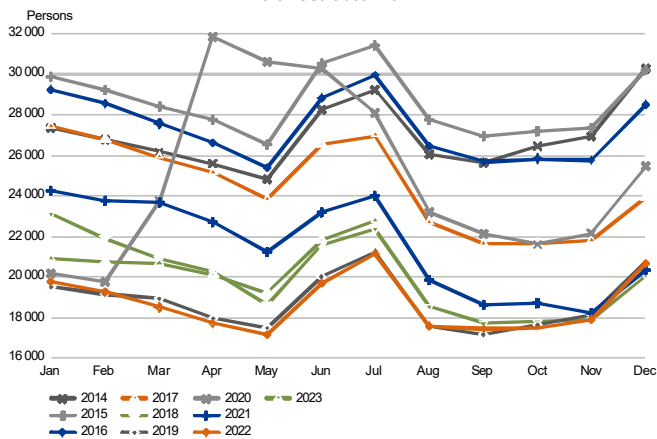


## Unemployed jobseekers

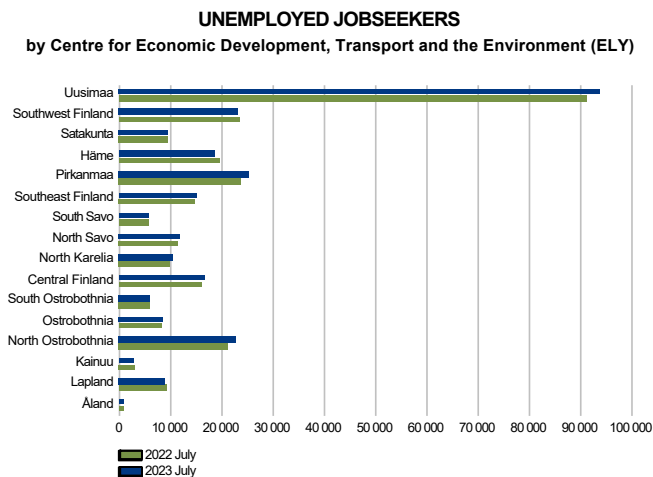
**UNEMPLOYED JOBSEEKERS MONTHLY AND TREND**  
North Ostrobothnia



**UNEMPLOYED JOBSEEKERS, MONTH BY MONTH COMPARISON**  
North Ostrobothnia



## Unemployed jobseekers by sub-regional unit



## Unemployed jobseekers and jobs vacant in Employment and Economic Development Office by sub-regional unit

| Sub-regional unit    | Unemployed jobseekers |          | Change   |          | Of the Unemployed jobseekers' |                |                             | Jobs vacant |          | Change   |          |     |
|----------------------|-----------------------|----------|----------|----------|-------------------------------|----------------|-----------------------------|-------------|----------|----------|----------|-----|
|                      | Jul 2023              | Jun 2023 | Jul 2023 | Jul 2022 | Jul 2023                      | fully laid off | percentage of the workforce | Jul 2023    | Jun 2023 | Jul 2022 | Jul 2023 |     |
| Oulu                 | 16 138                | 15 397   | 14 905   | 1 233    | 8                             | 1 068          | 13,0                        | 2 430       | 2 419    | 3 430    | -1 000   | -29 |
| Oulunkaari           | 1 219                 | 1 155    | 1 121    | 98       | 9                             | 121            | 13,4                        | 119         | 149      | 185      | -66      | -36 |
| Raahe                | 1 484                 | 1 388    | 1 410    | 74       | 5                             | 158            | 11,1                        | 228         | 280      | 435      | -207     | -48 |
| Haapavesi-Siikalatva | 524                   | 490      | 471      | 53       | 11                            | 103            | 9,5                         | 74          | 86       | 127      | -53      | -42 |
| Nivala-Haapajärvi    | 995                   | 992      | 933      | 62       | 7                             | 139            | 9,0                         | 136         | 177      | 209      | -73      | -35 |
| Ylivieska            | 1 618                 | 1 570    | 1 549    | 69       | 4                             | 250            | 8,7                         | 408         | 460      | 401      | 7        | 2   |
| Koillismaa           | 825                   | 797      | 765      | 60       | 8                             | 75             | 10,2                        | 352         | 318      | 419      | -67      | -16 |
| North Ostrobothnia   | 22 803                | 21 789   | 21 154   | 1 649    | 8                             | 1 914          | 12,0                        | 3 747       | 3 889    | 5 206    | -1 459   | -28 |



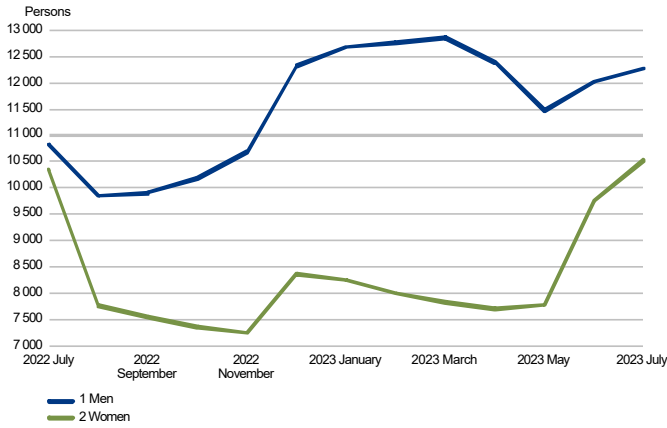
## Unemployed jobseekers by municipality

## Unemployed jobseekers and jobs vacant in Employment and Economic Development Office by municipality

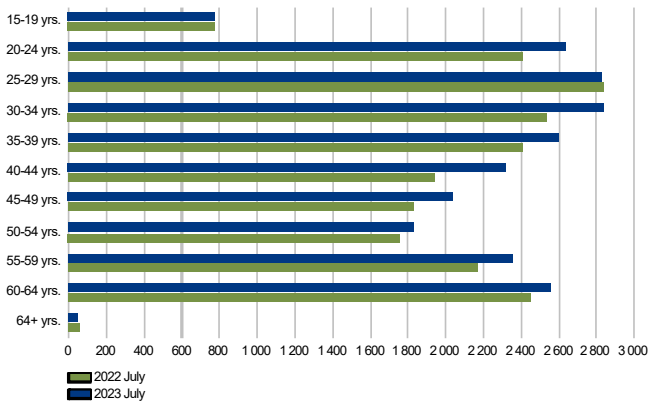
| Municipality       | Unemployed jobseekers |          | Change   |                      | Of the Unemployed jobseekers' percentage of the fully laid off workforce |  | Jobs vacant |          | Change   |                      |        |     |
|--------------------|-----------------------|----------|----------|----------------------|--|--|-------------|----------|----------|----------------------|--------|-----|
|                    | Jul 2023              | Jun 2023 | Jul 2022 | Jul 2023<br>Jul 2022 | unemployed jobseekers  | jobseekers' percentage of the fully laid off workforce | Jul 2023    | Jun 2023 | Jul 2022 | Jul 2023<br>Jul 2022 |        |     |
| Alavieska          | 84                    | 85       | 70       | 14                   | 20   | 8  | 7,9         | ...      | 14       | 9                    | ...    | ... |
| Haapajärvi         | 263                   | 271      | 232      | 31                   | 13   | 31   | 9,2         | 42       | 47       | 75                   | -33    | -44 |
| Haapavesi          | 256                   | 238      | 238      | 18                   | 8  | 50   | 9,3         | 40       | 45       | 49                   | -9     | -18 |
| Hailuoto           | 37                    | 39       | 26       | 11                   | 42   | ...  | 10,0        | 7        | 6        | 7                    | 0      | 0   |
| Ii                 | 559                   | 522      | 498      | 61                   | 12   | 62   | 13,3        | 32       | 45       | 65                   | -33    | -51 |
| Kalajoki           | 404                   | 404      | 413      | -9                   | -2   | 61   | 7,5         | 86       | 96       | 91                   | -5     | -5  |
| Kempele            | 845                   | 788      | 758      | 87                   | 11   | 102  | 9,3         | 113      | 123      | 199                  | -86    | -43 |
| Kuusamo            | 631                   | 614      | 570      | 61                   | 11   | 57   | 9,7         | 332      | 271      | 390                  | -58    | -15 |
| Kärsämäki          | 95                    | 86       | 77       | 18                   | 23   | 11   | 9,5         | 16       | 33       | 17                   | -1     | -6  |
| Liminka            | 362                   | 329      | 297      | 65                   | 22   | 59   | 8,1         | 25       | 35       | 79                   | -54    | -68 |
| Lumijoki           | 73                    | 66       | 51       | 22                   | 43   | 12   | 8,8         | 6        | 5        | ...                  | ...    | ... |
| Merijärvi          | 46                    | 43       | 32       | 14                   | 44   | 18   | 11,0        | ...      | ...      | ...                  | ...    | ... |
| Muhos              | 372                   | 374      | 415      | -43                  | -10  | 34   | 9,7         | 65       | 61       | 76                   | -11    | -14 |
| Nivala             | 333                   | 338      | 329      | 4                    | 1  | 60   | 7,7         | 60       | 85       | 70                   | -10    | -14 |
| Oulainen           | 279                   | 286      | 246      | 33                   | 13   | 58   | 9,6         | 30       | 26       | 51                   | -21    | -41 |
| Oulu               | 14 220                | 13 585   | 13 120   | 1 100                | 8  | 830  | 13,8        | 2 203    | 2 178    | 3 030                | -827   | -27 |
| Pudasjärvi         | 446                   | 420      | 392      | 54                   | 14   | 35   | 15,4        | 52       | 45       | 78                   | -26    | -33 |
| Pyhäjoki           | 124                   | 103      | 128      | -4                   | -3   | 19   | 9,7         | ...      | 7        | 13                   | ...    | ... |
| Pyhäjärvi          | 222                   | 219      | 220      | 2                    | 1  | 25   | 12,0        | 11       | 11       | 39                   | -28    | -72 |
| Pyhäntä            | 65                    | 58       | 38       | 27                   | 71   | 23   | 9,4         | 15       | ...      | 29                   | -14    | -48 |
| Raahe              | 1 163                 | 1 093    | 1 108    | 55                   | 5  | 113  | 11,5        | 199      | 254      | 388                  | -189   | -49 |
| Reisjärvi          | 82                    | 78       | 75       | 7                    | 9  | 12   | 7,8         | 7        | ...      | 8                    | -1     | -12 |
| Sievi              | 187                   | 174      | 159      | 28                   | 18   | 34   | 9,7         | 92       | 93       | 32                   | 60     | 188 |
| Siikajoki          | 197                   | 192      | 174      | 23                   | 13   | 26   | 9,8         | 27       | 19       | 34                   | -7     | -21 |
| Siikalatva         | 203                   | 194      | 195      | 8                    | 4  | 30   | 9,6         | 19       | 39       | 49                   | -30    | -61 |
| Taivalkoski        | 194                   | 183      | 195      | -1                   | -1   | 18   | 12,2        | 20       | 47       | 29                   | -9     | -31 |
| Tyrvävä            | 229                   | 216      | 238      | -9                   | -4   | 29   | 8,1         | 11       | 11       | 34                   | -23    | -68 |
| Utajärvi           | 96                    | 90       | 100      | -4                   | -4   | ...  | 9,7         | 10       | 11       | 17                   | -7     | -41 |
| Vaala              | 118                   | 123      | 131      | -13                  | -10  | 18   | 11,8        | 25       | 48       | 25                   | 0      | 0   |
| Ylivieska          | 618                   | 578      | 629      | -11                  | -2   | 71   | 8,9         | 195      | 230      | 216                  | -21    | -10 |
| North Ostrobothnia | 22 803                | 21 789   | 21 154   | 1 649                | 8  | 1 914  | 12,0        | 3 747    | 3 889    | 5 206                | -1 459 | -28 |

## Unemployed jobseekers by gender and age-group

**UNEMPLOYED JOBSEEKERS BY GENDER**  
North Ostrobothnia

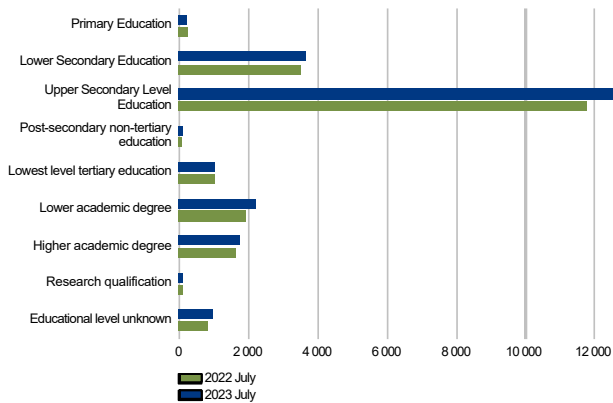


**UNEMPLOYED JOBSEEKERS BY AGE GROUP**  
North Ostrobothnia

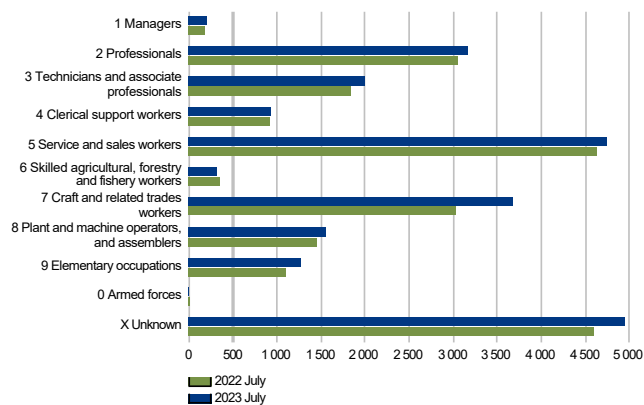


## Unemployed jobseekers by levels of education and occupational group

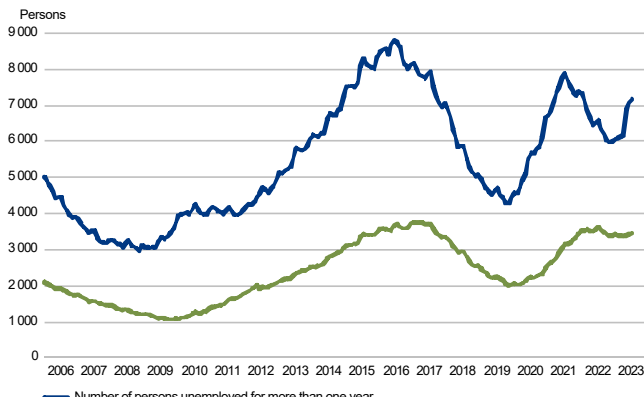
**UNEMPLOYED JOBSEEKERS BY LEVEL OF EDUCATION**  
North Ostrobothnia



**UNEMPLOYED JOBSEEKERS BY OCCUPATIONAL GROUP**  
North Ostrobothnia

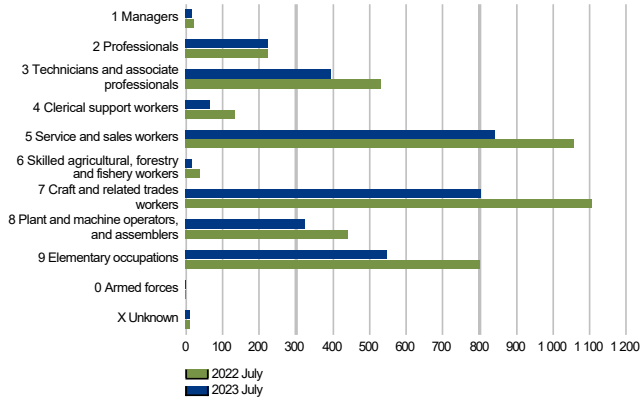


**LONG-TERM UNEMPLOYED AT THE END OF THE MONTH**  
North Ostrobothnia



## Jobs vacant

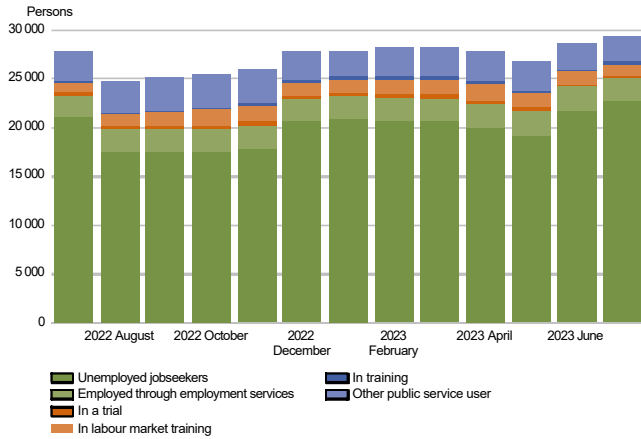
**NEW JOB VACANCIES**  
North Ostrobothnia



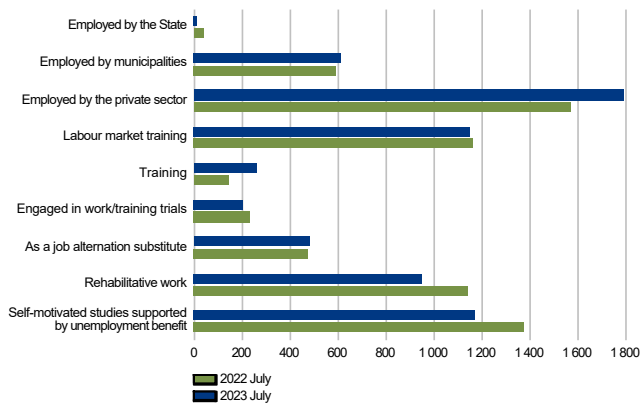


## Services

**BROAD UNEMPLOYMENT**  
North Ostrobothnia

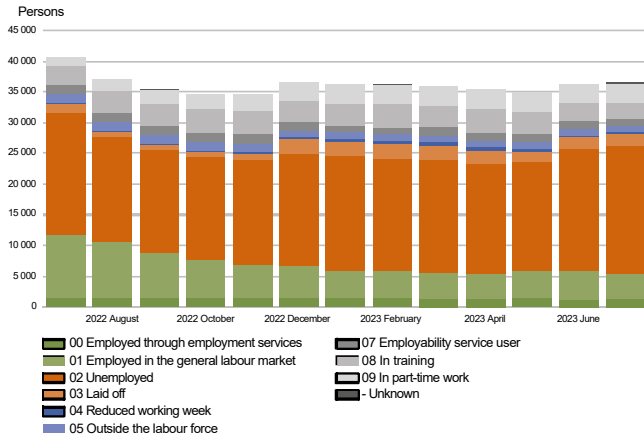


**PEOPLE COVERED BY SERVICES**  
North Ostrobothnia



## All jobseekers

**JOBSEEKERS BY GROUP**  
North Ostrobothnia



## Summary table

EMPLOYMENT SITUATION AT THE END OF 2023 JULY (I) AND  
ACTIVITIES OF EMPLOYMENT AND ECONOMIC DEVELOPMENT OFFICES DURING JULY (II)  
ELY CENTRE: NORTH OSTROBOTHNIA

| I EMPLOYMENT SITUATION AT THE END OF MONTH                            | Jul-23        | Jul-22        | CHANGE<br>NUMBER | CHANGE<br>%  |
|---|---------------|---------------|------------------|--------------|
| <b>A. JOBSEEKERS</b>  |               |               |                  |              |
| 1. Unemployed jobseekers  | 22 803        | 21 154        | 1 649            | 7,8          |
| of whom fully laid off  | 1 914         | 1 281         | 633              | 49,4         |
| 2. On reduced working week  | 389           | 255           | 134              | 52,5         |
| 3. Those who have work  | 8 359         | 13 163        | -4 804           | -36,5        |
| of which in full-time work  | 4 070         | 10 327        | -6 257           | -60,6        |
| of which in part-time work  | 3 031         | 1 331         | 1 700            | 127,7        |
| of whom employed through employment services                          | 1 258         | 1 505         | -247             | -16,4        |
| 4. Persons outside the labour force                                   | 4 826         | 6 089         | -1 263           | -20,7        |
| of whom in services promoting employment                              | 1 106         | 1 380         | -274             | -19,9        |
| of whom in training   | 2 677         | 3 173         | -496             | -15,6        |
| <b>1-4 Total of jobseekers</b>  | <b>36 377</b> | <b>40 661</b> | <b>-4 284</b>    | <b>-10,5</b> |
| <b>B. LABOUR DEMAND</b>   |               |               |                  |              |
| 1. Jobs vacant  | 3 747         | 5 206         | -1 459           | -28,0        |
| of those notified for over a month                                    | 1 527         | 2 552         | -1 025           | -40,2        |
| of those notified for over 2 months                                   | 661           | 1 503         | -842             | -56,0        |
| <b>C. PARTICIPATING IN SERVICES</b>                                   |               |               |                  |              |
| 1. Employed by the State  | 15            | 38            | -23              | -60,5        |
| 2. Employed by municipalities   | 611           | 591           | 20               | 3,4          |
| 3. Employed by the private sector                                     | 1 787         | 1 569         | 218              | 13,9         |
| <b>1-3 Total number of employed people</b>                            | <b>2 413</b>  | <b>2 198</b>  | <b>215</b>       | <b>9,8</b>   |
| 4. Labour market training   | 1 146         | 1 160         | -14              | -1,2         |
| 5. Training   | 262           | 146           | 116              | 79,5         |
| 6. Engaged in work/training trials                                    | 204           | 230           | -26              | -11,3        |
| 7. As a job alternation substitute                                    | 481           | 475           | 6                | 1,3          |
| 8. Rehabilitative work  | 946           | 1 141         | -195             | -17,1        |
| 9. Self-motivated studies supported by unemployment benefit           | 1 165         | 1 374         | -209             | -15,2        |
| <b>1-9 Total number of people participating in services</b>           | <b>6 617</b>  | <b>6 724</b>  | <b>-107</b>      | <b>-1,6</b>  |
| <b>D. STRUCTURE OF UNEMPLOYMENT</b>                                   |               |               |                  |              |
| 1. Unemployed women   | 10 526        | 10 337        | 189              | 1,8          |
| 2. Unemployed men   | 12 277        | 10 817        | 1 460            | 13,5         |
| 3. Under 25 years old   | 3 409         | 3 178         | 231              | 7,3          |
| 4. Over 50 years old  | 6 787         | 6 435         | 352              | 5,5          |
| 5. Unemployed over a year   | 7 175         | 6 581         | 594              | 9,0          |
| 6. Foreign unemployed   | 1 481         | 1 185         | 296              | 25,0         |
| <b>E. UNEMPLOYMENT SECURITY</b>                                       |               |               |                  |              |
| 1. Unemployed members of employees' unemployment funds                | 9 509         | 8 694         | 815              | 9,4          |
| <b>II EMPLOYMENT SITUATION DURING THE MONTH</b>                       |               |               |                  |              |
| 1. Unemployed jobseekers  | 24 870        | 22 515        | 2 355            | 10,5         |
| 2. Other jobseekers   | 13 476        | 19 623        | -6 147           | -31,3        |
| <b>1-2 Total number of jobseekers</b>                                 | <b>38 346</b> | <b>42 138</b> | <b>-3 792</b>    | <b>-9,0</b>  |
| 3. Vacancies during a month   | 7 076         | 9 916         | -2 840           | -28,6        |
| New vacancies during a month  | 3 246         | 4 365         | -1 119           | -25,6        |
| Vacancies filled during a month                                       | 457           | 407           | 50               | 12,3         |
| of those filled with job-seekers at the Employment Service            | 210           | 155           | 55               | 35,5         |
| Vacancies application period ended or sufficient number of applicants | 2 731         | 4 057         | -1 326           | -32,7        |
| Vacancies cancelled or could not be filled                            | 437           | 614           | -177             | -28,8        |
| 4. Started spell of unemployment                                      | 3 497         | 3 033         | 464              | 15,3         |
| 5. Completed spell of unemployment                                    | 3 069         | 2 919         | 150              | 5,1          |
| 6. New jobs found through employment services                         | 144           | 154           | -10              | -6,5         |
| 7. New entrants to labour market training                             | ...           | ...           | ...              | ...          |

## Foreigners' summary table

FOREIGNERS' EMPLOYMENT SITUATION AT THE END OF 2023 JULY (I) AND  
ACTIVITIES OF EMPLOYMENT AND ECONOMIC DEVELOPMENT OFFICES DURING JULY (II)  
ELY CENTRE: NORTH OSTROBOTHNIA

| I EMPLOYMENT SITUATION AT THE END OF MONTH                  | Jul-23       | Jul-22       | CHANGE<br>NUMBER | CHANGE<br>% |
|---|--------------|--------------|------------------|-------------|
| <b>A. JOBSEEKERS</b>  |              |              |                  |             |
| 1. Unemployed jobseekers                                    | 1 481        | 1 185        | 296              | 25,0        |
| of whom fully laid off                                      | 76           | 35           | 41               | 117,1       |
| 2. On reduced working week                                  | 16           | 7            | 9                | 128,6       |
| 3. Those who have work                                      | 610          | 804          | -194             | -24,1       |
| of which in full-time work                                  | 382          | 677          | -295             | -43,6       |
| of which in part-time work                                  | 163          | 69           | 94               | 136,2       |
| of whom employed through employment services                | 65           | 58           | 7                | 12,1        |
| 4. Persons outside the labour force                         | 1 007        | 1 098        | -91              | -8,3        |
| of whom in services promoting employment                    | 80           | 102          | -22              | -21,6       |
| of whom in training   | 795          | 822          | -27              | -3,3        |
| <b>1-4 Total of jobseekers</b>                              | <b>3 114</b> | <b>3 094</b> | <b>20</b>        | <b>0,6</b>  |
| <b>C. PARTICIPATING IN SERVICES</b>                         |              |              |                  |             |
| 1. Employed by the State                                    | 0            | 0            | 0                | 0,0         |
| 2. Employed by municipalities                               | 31           | 11           | 20               | 181,8       |
| 3. Employed by the private sector                           | 98           | 70           | 28               | 40,0        |
| <b>1-3 Total number of employed people</b>                  | <b>129</b>   | <b>81</b>    | <b>48</b>        | <b>59,3</b> |
| 4. Labour market training                                   | 428          | 356          | 72               | 20,2        |
| 5. Training   | 42           | 34           | 8                | 23,5        |
| 6. Engaged in work/training trials                          | 51           | 61           | -10              | -16,4       |
| 7. As a job alternation substitute                          | ...          | 8            | ...              | ...         |
| 8. Rehabilitative work                                      | 17           | 27           | -10              | -37,0       |
| 9. Self-motivated studies supported by unemployment benefit | 342          | 358          | -16              | -4,5        |
| <b>1-9 Total number of people participating in services</b> | <b>1 013</b> | <b>925</b>   | <b>88</b>        | <b>9,5</b>  |
| <b>D. STRUCTURE OF UNEMPLOYMENT</b>                         |              |              |                  |             |
| 1. Unemployed women   | 846          | 673          | 173              | 25,7        |
| 2. Unemployed men   | 635          | 512          | 123              | 24,0        |
| 3. Under 25 years old                                       | 130          | 97           | 33               | 34,0        |
| 4. Over 50 years old  | 285          | 233          | 52               | 22,3        |
| 5. Unemployed over a year                                   | 271          | 224          | 47               | 21,0        |
| <b>E. UNEMPLOYMENT SECURITY</b>                             |              |              |                  |             |
| 1. Unemployed members of employees' unemployment funds      | 217          | 204          | 13               | 6,4         |
| <b>II EMPLOYMENT SITUATION DURING THE MONTH</b>             |              |              |                  |             |
| 1. Unemployed jobseekers                                    | 1 593        | 1 241        | 352              | 28,4        |
| 2. Other jobseekers   | 1 625        | 1 920        | -295             | -15,4       |
| <b>1-2 Total number of jobseekers</b>                       | <b>3 218</b> | <b>3 161</b> | <b>57</b>        | <b>1,8</b>  |
| 4. Started spell of unemployment                            | 269          | 184          | 85               | 46,2        |
| 5. Completed spell of unemployment                          | 142          | 106          | 36               | 34,0        |
| 6. New jobs found through employment services               | 11           | 5            | 6                | 120,0       |
| 7. New entrants to labour market training                   | ...          | ...          | ...              | ...         |



## Regional table

UNEMPLOYED JOBSEEKERS AND JOBS VACANT BY MUNICIPALITY AT THE END OF 2023 JULY  
ELY CENTRE: NORTH OSTROBOTHNIA

| Municipality | Workforce | Unemployed jobseekers |        |        |        |                    |                    |                   | Disabled and chron. ill | Jobs vacant |       |
|--------------|-----------|-----------------------|--------|--------|--------|--------------------|--------------------|-------------------|-------------------------|-------------|-------|
|              |           | % of workforce        | Total  | Men    | Women  | Under 20 years old | Under 25 years old | Over 50 years old |                         |             |       |
| Alavieska    | 1 064     | 7,9                   | 84     | 45     | 39     | 0                  | 7                  | 28                | 21                      | 12          | ...   |
| Haapajärvi   | 2 862     | 9,2                   | 263    | 138    | 125    | 8                  | 32                 | 108               | 62                      | 57          | 42    |
| Haapavesi    | 2 741     | 9,3                   | 256    | 153    | 103    | 7                  | 23                 | 99                | 56                      | 49          | 40    |
| Hailuoto     | 371       | 10,0                  | 37     | 23     | 14     | 0                  | ...                | 19                | 12                      | ...         | 7     |
| Ii           | 4 207     | 13,3                  | 559    | 320    | 239    | 30                 | 70                 | 215               | 150                     | 87          | 32    |
| Kalajoki     | 5 377     | 7,5                   | 404    | 210    | 194    | 7                  | 31                 | 189               | 83                      | 48          | 86    |
| Kempele      | 9 119     | 9,3                   | 845    | 384    | 461    | 22                 | 107                | 263               | 190                     | 97          | 113   |
| Kuusamo      | 6 523     | 9,7                   | 631    | 345    | 286    | 10                 | 45                 | 262               | 130                     | 90          | 332   |
| Kärsämäki    | 1 003     | 9,5                   | 95     | 52     | 43     | ...                | 11                 | 41                | 23                      | 22          | 16    |
| Liminka      | 4 466     | 8,1                   | 362    | 161    | 201    | 16                 | 44                 | 85                | 55                      | 37          | 25    |
| Lumijoki     | 825       | 8,8                   | 73     | 26     | 47     | ...                | 7                  | 27                | 16                      | 8           | 6     |
| Merijärvi    | 419       | 11,0                  | 46     | 31     | 15     | ...                | ...                | 19                | 8                       | ...         | ...   |
| Muhos        | 3 822     | 9,7                   | 372    | 210    | 162    | 12                 | 50                 | 116               | 117                     | 50          | 65    |
| Nivala       | 4 322     | 7,7                   | 333    | 170    | 163    | 12                 | 39                 | 92                | 89                      | 53          | 60    |
| Oulainen     | 2 911     | 9,6                   | 279    | 160    | 119    | 8                  | 40                 | 95                | 42                      | 40          | 30    |
| Oulu         | 102 841   | 13,8                  | 14 220 | 7 718  | 6 502  | 521                | 2 446              | 3 609             | 5 053                   | 1 452       | 2 203 |
| Pudasjärvi   | 2 893     | 15,4                  | 446    | 275    | 171    | 11                 | 44                 | 220               | 138                     | 103         | 52    |
| Pyhäjoki     | 1 275     | 9,7                   | 124    | 61     | 63     | ...                | 9                  | 52                | 35                      | 11          | ...   |
| Pyhäjärvi    | 1 843     | 12,0                  | 222    | 144    | 78     | ...                | 17                 | 105               | 74                      | 38          | 11    |
| Pyhäntä      | 692       | 9,4                   | 65     | 41     | 24     | 0                  | 5                  | 25                | 13                      | 13          | 15    |
| Raahe        | 10 112    | 11,5                  | 1 163  | 590    | 573    | 47                 | 175                | 389               | 324                     | 220         | 199   |
| Reisjärvi    | 1 057     | 7,8                   | 82     | 48     | 34     | ...                | 12                 | 41                | 17                      | 18          | 7     |
| Sievi        | 1 932     | 9,7                   | 187    | 89     | 98     | 9                  | 24                 | 66                | 46                      | 35          | 92    |
| Siikajoki    | 2 003     | 9,8                   | 197    | 98     | 99     | 6                  | 25                 | 62                | 40                      | 27          | 27    |
| Siikalatva   | 2 105     | 9,6                   | 203    | 106    | 97     | ...                | 17                 | 94                | 57                      | 36          | 19    |
| Taivalkoski  | 1 586     | 12,2                  | 194    | 117    | 77     | ...                | 9                  | 97                | 57                      | 28          | 20    |
| Tyrnävä      | 2 820     | 8,1                   | 229    | 106    | 123    | ...                | 22                 | 82                | 45                      | 23          | 11    |
| Utajärvi     | 986       | 9,7                   | 96     | 59     | 37     | ...                | 11                 | 44                | 24                      | 10          | 10    |
| Vaala        | 999       | 11,8                  | 118    | 79     | 39     | ...                | 8                  | 64                | 44                      | 17          | 25    |
| Ylivieska    | 6 976     | 8,9                   | 618    | 318    | 300    | 16                 | 75                 | 179               | 154                     | 75          | 195   |
| Total        | 190 152   | 12,0                  | 22 803 | 12 277 | 10 526 | 773                | 3 409              | 6 787             | 7 175                   | 2 765       | 3 747 |



## Information about the website

On this website you will find the latest statistics from ELY Centre for North Ostrobothnia's monthly Employment Bulletin. You can access a .pdf version of the current and previous months' Employment Bulletin by following the link on the right.

The Employment Bulletin is based on the data from the MEAE's Employment Service Statistics. The Ministry of Economic Affairs and Employment compiles statistics on the clients of the Employment and economic development offices (TE offices), including registered job-seekers, labour market policy services, and job vacancies reported to TE offices by employers. The data is collected from the customer service registry (URA) used by the TE offices. This means that the data used by MEAE Employment Service Statistics is completely registry-based.

The statistical data covers all persons, services, and open vacancies in the aforementioned groups, as separately defined in the registry by the classifications and variables for the statistical period in question.

Owing to seasonal variations, the Employment Bulletin always includes a comparison with the corresponding month in the previous year. The descriptors used in the Bulletin are also available in a table format. The Employment Bulletins are published at the end of the subsequent calendar month. The official date of publication is announced in advance.

The following symbols have been used:

. Category not applicable

... Data subject to secrecy

### Links:

- **The North Ostrobothnia's information for Labour market online:**
- <http://www.ely-keskus.fi/web/ely/ely-pohjois-pohjanmaa-tyomarkkinoiden-tyovoimatarpeen-ja-talouden-kehitys#.Vuj7vbf2po>
- **Employment Service Statistics online:**
- <http://www.tem.fi/en/employment-bulletin-and-employment-service-statistics>
- **Employment Service Statistics, Description and Quality Description**
- <http://www.tem.fi/en/release-dates-of-statistics-and-description-and-quality-description>
- **You can access key information from MEAE's Employment Service Statistics by visiting the Statistics Finland's StatFin database:**
- [https://pxnet2.stat.fi/PXWeb/pxweb/en/StatFin/StatFin\\_\\_tym\\_\\_tyonv/](https://pxnet2.stat.fi/PXWeb/pxweb/en/StatFin/StatFin__tym__tyonv/)
- **The Employment Service Statistics data is also available from the MEAE Publications page (only available in Finnish).**
- <http://www.tem.fi/tyopoliittinen-aikakauskirja>
- **Joint monthly report from MEAE and Statistics Finland**
- [http://www.tilastokeskus.fi/til/tyti/tie\\_en.html](http://www.tilastokeskus.fi/til/tyti/tie_en.html)
- **Comparison between the statistics of Statistics Finland and the Ministry of Economic Affairs and Employment**
- [http://www.tilastokeskus.fi/til/tyti/tyti\\_2015-04-28\\_men\\_001\\_en.html](http://www.tilastokeskus.fi/til/tyti/tyti_2015-04-28_men_001_en.html)

### Instructions for referencing:

Official Statistics of Finland (OSF): Ministry of Economic Affairs and Employment / Employment Service Statistics. 201Y:MM, North Ostrobothnia's Employment Bulletin, MONTH 201Y. Oulu: Centre for Economic Development, Transport and the Environment (date of reference). Available at: <http://www.temtyollisyyskatsaus.fi/pohjois-pohjanmaa.aspx>



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