Social Sciences & Humanities Open Cloud

Deliverable 3.10   A 20th century version of the occupation multilingual ontology

Dissemination Level	PU
Due Date of Deliverable	28/02/2022 (M38)
Actual Submission Date	25/04/2022
Work Package	WP3 - Lifting Technologies and Services into the SSH Cloud
Task	Task 3.2 Selected SSH Ontologies and Vocabularies
Type	Report
Approval Status	Approved by EC - 27 April 2022
Version	V1.0
Number of Pages	p.1 – p.51

Abstract:

This deliverable explores occupational ontologies in the 20th century by building and testing an ontology of occupational titles in the first half of the 20th century for the Netherlands, by building four multilingual databases reflecting four classifications in the second half of the 20th century, and by developing a use case, namely the coding of occupational titles in the life histories of respondents in the SHARE survey.

History

Version	Date	Reason	Revised by
0.1	18/03/2022	Available	Kea Tijdens
0.2	28/03/2022	Review	Janna Besamusca
0.3	28/03/2022	Review and update	Daan Broeder
0.4	28/03/2022	Update	Kea Tijdens
1.0	28/03/2022	Review and minor editorial edits	Daan Broeder

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Executive Summary

Task 3.2 *Selected SSH Ontologies and Vocabularies* in SSHOC Work package 3 *Lifting Technologies and Services into the SSH Cloud* aimed to foster the use of selected global ontologies in the social sciences and humanities, regarding occupational titles, educational categories, sectors of industry, geographical regions, food items, and religions. These ontologies service the usage of vocabularies for classifying text corpora and predefined response categories to facilitate self-identification in survey questions. Deliverable D3.10 *A 20th century version of the occupation multilingual ontology* focuses on occupational ontologies in the 20th century. As a database for self-selection of occupational titles in any labour market can easily include thousands of titles, it should allow for filtering in case the survey question addresses parental or previous occupational titles which might be in existence for the relevant decades but are no longer so in current times.

In Section 2 two approaches were applied to build an ontology for the first half of the 20th century occupations. First, the occupational titles found in the documents of the 1909, 1920, and 1930 Censuses in the Netherlands were merged, leading to the conclusion that these lists most likely did not provide a full overview of all titles present in those years. This resulted in a list of 1,071 occupational titles which mostly did not overlap in the three years. Second, the newspaper archive Delpher in the Netherlands was explored whether it could be used to indicate in which decades the occupational titles were reflected in the Newspapers. A list of 26 titles existing only in the first half of the 20th century were matched with the texts. For almost half of these occupations 80% of the matches indeed were found in the years between 1900-1940, indicating that the archive is a useable tool to indicate in which decades the occupations were present in the Dutch labour market, but for more than half the titles the matches were below 80%.

In Section 3 the international ISCO classifications for 1958, 1986, 1988, and 2008 were used for the ontology reflecting a multilingual occupational ontology for the second half of the 20th century. The available translations of the ISCO 1958, 1968, 1988, 2008 coding indexes were merged. ISCO 1958 and 1968 were available at 5-digit level and in the languages English, French, and Spanish. ISCO 1988 is available at 4-digit level and in the languages English, French, Spanish, and German. ISCO 2008 is available at 4-digit level and in 51 languages plus for another 2 languages not all entries have translations. The file *ISCO58_68_88_08_4_5dgt_en_fr_es_many_20190916.xlsx* is downloadable[1].

In Section 4 the occupational titles throughout respondents' entire working careers were coded in the Survey of Health, Ageing and Retirement in Europe (SHARE) waves. A so-called job-coder was used to classify the respondents' current or past jobs as well as their parents' jobs in the ISCO-08 classification directly at the time of the interview. The job-coder was developed by SSHOC partner SHARE/CENTERDATA

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[1] The file *ISCO58_68_88_08_4_5dgt_en_fr_es_many_20190916.xlsx* is downloadable
https://www.surveycodings.org/articles/codings/occupation/download (April 2022)

based on the occupation database in surveycodings. SSHOC partner SHARE/UNIVE recovered the job codification for the retrospective careers and parents' occupations. The effort allowed to observe that the distribution over occupations changed gradually, moving from those with low and medium-low level of qualification towards the more qualified ones over the years 1970, 1980, 1990 and 2000.

Abbreviations and Acronyms

CAPI	Computer-Assisted Personal Interviews
ILO	International Labour Organization
ISCO	International Standard Classification of Occupations
ISIC	International Standard Industrial Classification of All Economic Activities
NACE	Nomenclature statistique des activités économiques dans la Communauté européenne [Statistical Classification of Economic Activities in the European Community]
NOC	National Occupational Classification
NSO	National Statistical Office
SHARE	Survey of Health, Ageing and Retirement in Europe

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1. Introduction

Task 3.2 in SSHOC Work package 3 aimed to foster the use of selected global ontologies in the social sciences and humanities, regarding occupational titles, educational categories, sectors of industry, geographical regions, food items, and religions. These ontologies allow to classify elements into standard global classifications, for example the ISCO classification of occupations and its derived social status or the NACE/ISIC classification of industries. These ontologies service the usage of vocabularies for classifying text corpora and predefined response categories for survey questions.

As part of Task 3.2, this Deliverable D3.10 focuses on occupational titles, specifically on occupational ontologies in the 20th century. In most surveys the question 'What is/was your first occupation' addresses the occupation of the respondent. In case respondents are retired, the occupational titles can refer to the mid-1900s. In some surveys, the question is asked 'What is/was the occupation of your father' or 'What is/was the occupation of your mother'. The parental occupational title can even refer to the first half of the 20th century in case this data was collected in a survey which was held in the 20th century. This underpins the need for the development of 20th century occupational ontologies.

Surveys apply two methods to collect an answer to the question about occupational titles, namely an open text box with expensive and time-consuming office coding or respondent's selection from a list of occupational titles provided by the survey holder. The latter method is predominantly used in web surveys, but increasingly also in face-to-face interviews when interviewers use a laptop, tablet, or smartphone. The technology in these surveys allows for text string matching when respondents or interviewers start typing an occupational title and then select the applicable title. As any labour market can easily include thousands of occupational titles the database for self-selection should be large. When aiming to collect information about parental occupations, the list of occupational titles will include other titles than a list of current titles. For example, the occupation *lamplighter* makes sense for occupations relevant in the first half in the 20th century, but not for those in the second half of that century or in the 21st century. In contrast, the occupation *fact checker* did not exist before the 2000s and therefore should not be included in a list of occupations relevant for the 20th century. Hence, one unqualified list of occupations for these different survey questions is therefore not efficient. The list should allow for filtering titles that existed in the decades relevant for the survey question.

Substantial efforts have been undertaken to prepare a multilingual ontology of current occupations for the survey question 'What is your occupation', see the ontology at the website https://www.surveycodings.org/articles/codings/occupation. In comparison, the efforts related to parental occupations have been minor. For this reason, this task in SSHOC focused on the improvement, optimization and merging of partially existing multilingual ontologies for 20th century occupations and aims to develop use cases. Therefore, D3.10 is called "A 20th century version of the occupation multilingual ontology".

The aim of D3.10 was threefold. First, to collect a list of occupations relevant for one or more decades of the 20th century. Second, to indicate during which specific 20th century decades the occupations were present in the labour force. A third aim was to develop a multilingual database of occupational titles for the 20th century. For the second half of the 20th century the aim of a multilingual database of occupational titles was feasible, but for the first half of the 20th century the listing of occupational titles could solely address Dutch occupational titles in the Netherlands. Hence, this Deliverable falls apart into three sections. Section 2 explores Dutch occupational titles in the first half of the 20th century in the Netherlands. These titles are not coded, because before World War II most National Statistical Offices had not yet developed a consistent classification. Section 3 explores the occupational classification for the second half of the 20th century and does so using a multilingual approach. After World War II the International Labour Organization (ILO) developed the International Standard Classification of Occupations. Section 4 presents a use case for which the occupational titles throughout respondents' entire working careers, collected in the life histories in the SHARE survey waves, were coded. The results support the importance of the availability of detailed information on occupation when analysing the changes in the labour market over time.

2. Occupational classifications - first half 20th century

In the second half of the 19th century a few countries started to include a question about occupation in their Census surveys. The 1851 Census in the United Kingdom allowed William Farr, a governmental statistician, to use the Census data to classify people by occupation and age.[2] In 1871 British officials required their standard list of jobs be used in India's Census, highlighting cultural differences as Census takers struggled to classify occupations as "jokers and story-tellers, hail averters, prayer mutterers.".[3]

The 1889 Census in the Netherlands asked for occupation, but the occupational titles were not included in the Census report, most likely because it was difficult to cope with the large variety of answers provided. Since the 1899 Census, the occupations were reported by Statistics Netherlands[4], but it was not until after World War II that Statistics Netherlands developed a consistent national coding system for occupational titles (CBS 1984, 1993, 2001). For the ontology of the first half of the 20th century, Deliverable D3.10 solely focuses on the Netherlands, as Dutch is the native language of the first author and translations of the Dutch occupational titles are not available. Please note that literal translations of occupational titles may result in titles that are not understood in the targeted language, requiring labour market experts to provide translations rather than translators. Therefore, translating titles from the first half of the 20th century was an endeavour beyond task T3.2 in the SSHOC project.

Two approaches were applied to build an ontology for the first half of the 20th century occupations. First, documents from the Censuses in the Netherlands were used. Second, the newspaper archive Delpher was used to explore to what extent this archive could be used to indicate in which decades the occupational titles from the Censuses were present in the labour market in the Netherlands.

Census data

To develop the ontology of occupations in the first half of the 20th century, documents related to the Censuses in 1909, 1920 and 1930 in the Netherlands were collected. The lists of occupational titles were extracted from the Census documents for the inventory of the labour force in these years.[5] For these

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[2] https://webarchive.nationalarchives.gov.uk/ukgwa/20160110200232/http://www.ons.gov.uk/ons/guide-method/census/2011/how-our-census-works/about-censuses/census-history/census-1801-1901/index.html, accessed 1/12/2021

[3] https://www.prb.org/resources/milestones-and-moments-in-global-census-history/, accessed 1/12/2021

[4] http://www.volkstellingen.nl/nl/volkstelling/jaarview/1889/index.html , accessed 1/12/2021

[5] Sources: http://www.volkstellingen.nl/nl/volkstelling/jaarview/1909/index.html
http://www.volkstellingen.nl/nl/volkstelling/jaarview/1920/index.html,
http://www.volkstellingen.nl/nl/volkstelling/jaarview/1930/index.html

years Statistics Netherlands had converted the Census booklets into PDF documents. These PDF files were converted into excel files and cleaned for errors arising from this conversion. For example, the character 'n' can mistakenly be converted to the character 'r'. Next, the three lists were merged into one ontology, thereby indicating which occupational title was present in which Census years.

The merged table resulted in 1,071 occupational titles (see the Appendix). The Appendix shows that in the 1909 Census 328 occupational titles were used, whereas in 1920 this was 713 and in 1930 it was 548. More than half of the 1,071 titles were only found in one of the three Census decades (621 titles), more than one third was present twice (388) and only one twentieth was used three times (62). Although the Census covers the full population and hence a listing of all occupational titles in the population could be expected, Table 1 reveals that the 1,071 occupational titles do not cover the full population. The Census reveals that part of the labour force was not assigned an occupational title, but it was only indicated in which industry they worked. A title only present in 1920 therefore does not indicate that the occupation did not exist in 1909 and in 1930, but rather that it was not registered properly in those years. That is also suggested by the fact that 7 titles were included in the 1909 and in the 1930 Census, but not in the Census in between, in 1920. It is hard to imagine that the occupational title disappeared from the labour force in that year, but rather it is likely that it was not measured properly. In conclusion, the Census data allows to generate a list of occupational titles that only partially cover the full labour force.

TABLE 1   NUMBER OF OCCUPATIONAL TITLES PRESENT IN THE CENSUS DATA 1909, 1920, 1930

present in	Nr of titles
1909	236
1909 and 1920	23
1909 and 1930	7
1909 and 1920 and1930	62
1920	266
1920 and 1930	358
1930	119
Total	1071

Source: Statistics Netherlands, Census Data 1909, 1920, 1930

Newspaper archive

Our initial plan, as outlined back in 2018 in the SSHOC proposal, was to indicate which occupational titles were present in which decade of the 20th century. The initial plan was to do so by collecting information from newspapers and other documents indicating how frequent occupational titles were used in which decade. However, this is only possible when a full list of the occupational titles would have been available, but such a list does not exist. So, the plan was changed into collecting titles from the Census.

To test whether these occupational titles existed in any decade in the first half of the 20th century, the website Delpher was used[6]. Delpher archives millions of digitized texts from Dutch newspapers, books, and magazines, and are hosted by many scientific institutions, libraries, and heritage institutions. The texts can be searched in detail. Matches in Delpher should indicate in which decades this title was most commonly present in the Netherlands labour market. The search was limited to the Newspaper collection, published in the Netherlands between 1/1/1900 to 31/12/1999.

For the search in Delpher, the list of occupational titles collected from the Census data was used, as outlined in the previous section, and shown in the Appendix. 26 titles were selected for which, based on our knowledge of the Dutch labour market, it could be assumes that these titles were existing occupations in the first half of the 20th century, but no longer existed in the second half. Therefore, matches in Delpher were expectected in decades in the first half of the 20th century, but not in decades in the second half. Graph 1 shows in detail in which decades of the 20th century the occupational titles were matched. The blue and red bars reveal the percentage of matches in 1900-1920 respectively 1920-1940, indicating that these occupational titles were mentioned in news items as well as in other texts. The pink, orange and grey bars reflect the matches in the years after 1940, indicating that the 'outdated' occupational titles were still present in these texts, for example in as books, obituaries, or stories covering previous decades.

GRAPH 1   DISTRIBUTION OVER FIVE 20-YEARS PERIODS OF THE PUBLICATION DATES OF THE MATCHES OF 26 OCCUPATIONAL TITLES FROM THE FIRST HALF OF THE 20TH CENTURY IN 2 MILION NEWSPAPERS (NUMBER OF MATCHES IN BRACKETS)

Source: Delpher, see https://www.delpher.nl/over-delpher/wat-is-delpher/delpher-voor-iedereen, last accessed 22 February 2022

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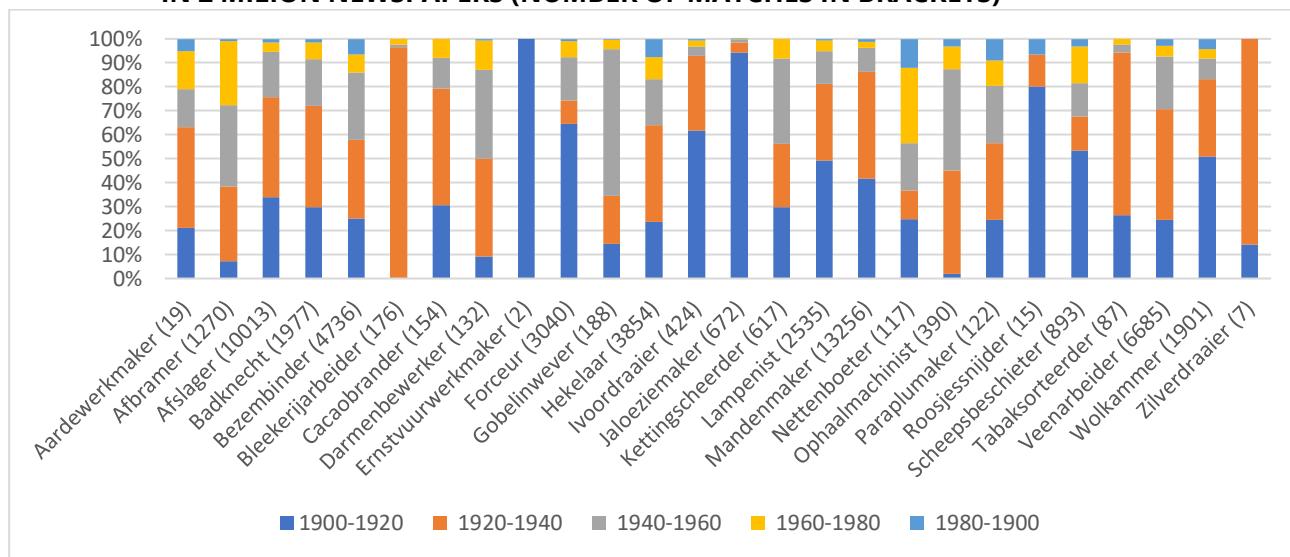
[6] see: https://www.delpher.nl/over-delpher/wat-is-delpher/delpher-voor-iedereen , accessed April 2022

To provide a clearer picture to what extent texts in the Delpher newspaper archive match the 26 occupational titles that existed before 1940, Graph 2 reflects the overall percentage of matches in the years between 1900-1940. The Graph shows that for 10 of the 26 titles more than 80% of the matches were found between 1900-1940, for another 8 titles between 60-80% of the matches were, and the remaining 8 in less than 60% of the matches. Additional filtering to refine the matches was not possible.

GRAPH 2   PERCENTAGE OF THE MATCHES LOCATED BETWEEN 1900-1940 FOR 26 OCCUPATIONAL TITLES
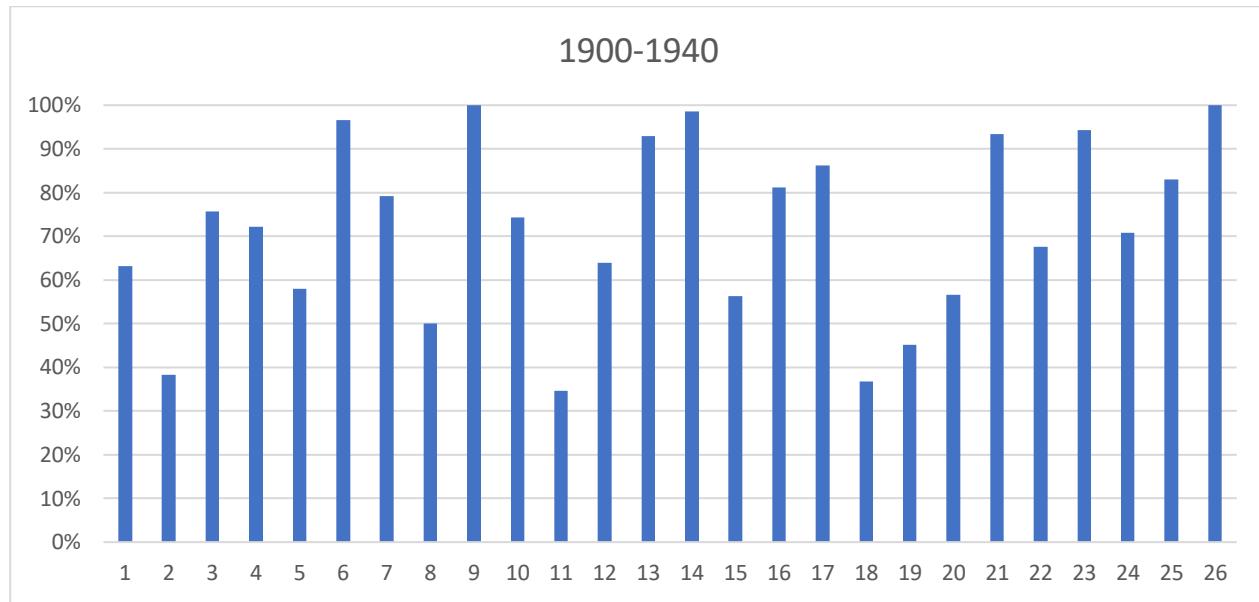
Source: Delpher, see https://www.delpher.nl/over-delpher/wat-is-delpher/delpher-voor-iedereen, last accessed 22 February 2022

The overall conclusions that the Delpher newspaper archive is a great resource, but not particularly suited to exactly identify in which decades an occupational title existed in the Dutch labour market.

3. Occupational classifications second half 20th century

International occupational classifications

Given the almost unlimited number of job titles, the responses to the survey question *What is your job title?* need to be coded into a limited set of aggregated occupational titles, i.e., an occupational classification system. For this purpose, the statistical agencies of 150 countries associated with the International Labour Organization (ILO) in Geneva, a United Nations affiliate, have adopted the International Standard Classification of Occupations (ISCO) to harmonize the measurement of occupations across countries. ISCO is maintained by the ILO (ILO, 2012). The ILO has a long-term record in contributing to the discussions about multi-country occupational measurement (see Hoffmann et al, 1995, with references to ILO publications in the 1970s and 1980s).

ISCO dates to 1958 with revisions in 1968, 1988, and 2008.[7] In 1958, the ILO developed first ISCO classification to harmonize the measurement of occupations across countries (ILO,1958). Revisions were published in 1968, 1988, and 2008 (Budlender 2002, ILO 1969, for details ISCO website[8]). In the 1990s, the ILO undertook efforts to implement ISCO-88 in many countries (Hoffmann et al 1995). Today, ISCO has become the standard classification in many countries for their Labour Force Surveys or Censuses (Greenwood 2004). However, countries such as the United States, Austria, United Kingdom, Germany, France, and the Netherlands, continued to use their own National Occupational Classifications (NOC). These classifications tend to differ cross-nationally with respect to the level of detail, the specific occupational titles included in the classifications, and their logic (Ganzeboom and Treiman, 1996). Attempts to harmonize NOCs were, among others, hampered by the fact that ISCO does not allow skill levels of occupations to vary across different national contexts (Elias 1997). In the 2010s most National Statistical Offices (NSOs) worldwide have adopted the ISCO-08 classification and have prepared classification schemes, sometimes next to an existing national system, sometimes as the only classification system. Today, ISCO has become the standard classification in many countries for their Labour Force Surveys or Censuses.

ISCO-08, as was the case for its predecessors, defines a job as a set of work tasks and duties performed by one person. Jobs with the same set of main tasks and duties are aggregated into so-called 4-digit occupation units. ISCO is a hierarchical classification. At the classification's lowest 4-digit level ISCO-08 distinguishes 433 occupations, aggregating these into 3-digit, 2-digit and finally 1-digit level consisting of nine major groups plus a group of armed forces at the highest level (ILO, 2012). As was the case for its

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[7] See https://www.ilo.org/public/english/bureau/stat/isco/ (Accessed: 17 June 2020).

[8] See: http://www.ilo.org/public/english/bureau/stat/isco/isco08/ (Accessed: April 2022).

predecessors, in ISCO-08 a job is defined as a set of work tasks and duties performed by one person. Coding indexes classify jobs with the same set of main tasks and duties into one 4-digit occupation unit. Based on the same concept of similarity in the tasks and duties performed, the units are grouped into 3- and 2-digit groups, which in turn are grouped into 1-digit groups based on the skill level. ISCO distinguishes four skill levels, notably unskilled, semi-skilled, skilled, and highly skilled, which are related to ISCED, the International Standard Classification of Education.

Long lists of occupational titles, the so-called 5-digit titles, have been classified into the 4-digit units. For example, the detailed 5-digit occupational title "Database architect" is classified into the 4-digit occupational unit 2521 "Database Designers and Administrators", that in turn is classified into the 3-digit group 252 "Database and Network Professionals", that in turn is classified into the 2-digit group 25 "Information and communications technology professionals", that finally is classified into the 1-digit major group 2 "Professionals".

Unfortunately, when answering the question 'What is your job title?', survey respondents are rarely familiar with the ISCO-08 classification and are therefore unable to provide the interviewer with a job title that directly matches a 4-digit occupation unit. Most survey respondents will provide a job title that is far more fine-grained, usually referred to as the 5-digit classification; these are occupational titles which are aggregated beyond the job titles in the organisational context. Table 2 presents logic, details, and stylized numbers in this hierarchy. Even when the occupational measurement is at 5-digit level, due to the risk of identification of single respondents most survey data is released with 1-, 2- or at best 3-digit codes and rarely at 4-digit codes.

TABLE 2   DETAILS, LOGIC AND STYLIZED NUMBER OF OCCUPATIONS FOR ISCO-08

Detail	Logic	Numbers of entries (stylized) / country
ISCO-08 1-digit	Skill level	10
ISCO-08 2-digit	Similarity of task and duties	42
ISCO-08 3-digit	Similarity of task and duties	131
ISCO-08 4-digit	Occupational unit (similarity)	433
Occupational title (5-	Beyond workplace (coding	1,000+
Job title	Workplace (job classifications)	10,000+
Tasks and duties	Clustered into jobs	100,000+

Source: Tijdens, 2014, p. 15

4. Multilingual Occupation databases for ISCO-58, ISCO-68, ISCO-88 and ISCO-08 classifications

The SurveyCodings.org website and repository hosts a broad collection of classified and translated items that often are asked in surveys (see for details Martens and Tijdens, 2021). These sets are developed, collected, and archived by experts. If different studies would use the same sets, it would be easier to compare them. The sets currently exist for Occupational titles, Industry, Educational attainment, Education, Religion, Food items, Regions, and Cities. All items are translated and classified according to international standards and stored in an online database. The database called *ISCO58_68_88_08_4_5dgt_en_fr_es_many_20190916.xlsx* is downloadable[9]. In addition, tools to integrate these items in one's own survey, as well as best practice examples, are available on the website. The extended and improved ontologies will be made available via SSH Open Marketplace and the SSHOC vocabulary platform. Partner SHARE/Centerdata will be offering the ontologies in XSKOS format. For more information see the Surveycodings website. The funders of the occupation database are acknowledged.[10]

For this Deliverable the available translations of the ISCO 1958 coding indexes were merged, and so were the ISCO 1968, 1988, 2008 coding indexes. ISCO 1958 and 1968 are available at 5-digit level and in the languages English, French, and Spanish. ISCO 1988 is available at 4-digit level and in the languages English, French, Spanish, and German. ISCO 2008 is available at 4-digit level and in 51 languages plus for another 2 languages not all entries have translations. The files can be downloaded[11].

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[9] The database called *ISCO58_68_88_08_4_5dgt_en_fr_es_many_20190916.xlsx* is downloadable from: https://www.surveycodings.org/articles/codings/occupation/download (April 2022).

[10] The occupation database, published at the SurveyCodings.org, has been developed gradually since the year 2000, starting with a coded occupation list for the Netherlands, used for self-identification in the WageIndicator web survey on work and wages. From 2004 onwards, countries, languages, features, and coding of the database have been improved due to the following projects: WOLIWEB (EU-FP6, no. 506590, 2004-'06), EurOccupations (EU-FP6, no. 028987, 2006-'09), GLOBAL–Towards a Global WageIndicator (FNV Mondiaal-Netherlands, 2008-'10), DECISIONS FOR LIFE in non-European countries (MDG 3 Ministry Foreign Affairs–Netherlands, 2008-'12), WISUTIL for occupations in the energy sector (EU-Social Dialogue programme, no. VS/2010/0382, 2010-'11), WICARE for occupations in the care sector (EU-Social Dialogue programme, no. VS/2013/0404, 2013-'14), InGRID (EU-FP7, no. 312691, 2013-'17), EDUWORKS (Marie Curie Initial Training Network, no. 608311, 2013-'17), SERISS (EU-H2020, no. 654221, 2015-'19), and SSHOC (EU-H2020, no. 823782, 2019-'22).

[11] Downloadable from: https://www.surveycodings.org/articles/codings/occupation/download (April 2022)

TABLE 3   OVERVIEW OF THE NUMBER OF OCCUPATIONAL TITLES AND LANGUAGES AVAILABLE FOR THE ISCO-58, ISCO-68, ISCO-88 AND ISCO-08 CLASSIFICATIONS

Classification	Digits	Plus	Nr of titles	Languages
ISCO-58	3-digit	plus 5-digit titles	1,645 titles	English, French, Spanish.
ISCO-68	3-digit	plus 5-digit titles	1,882 titles	English, French, Spanish.
ISCO-88	4-digit	plus 5-digit titles	541 titles	English, French, Spanish, German
ISCO-08	4-digit	plus 5-digit titles	617 titles	Available in 53 languages: Albanian, Amharic, Arabic, Azeri, Bengali, Bosnian, Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Farsi, Finnish, French, Georgian (partial), German, Greek, Hebrew, Hindi, Hungarian, Icelandic, Indonesian, Italian, Japanese, Kazakh, Khmer, Korean, Latvian, Lithuanian, Malay, Mongolian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovakian, Slovenian, Spanish, Swahili, Swedish, Tagalog, Thai, Turkish, Ukrainian, Urdu, Uzbek, Vietnamese.

Sources of the translations:

- For ISCO58, ISCO68, ISCO08, translations in French and Spanish are provided by ILO. For ISCO88(COM) the translations in German were found on the website of the Statistical Office in Germany, in the early 2000's.
- For ISCO08 translations in European languages are provided by the European Commission, https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2009.292.01.0031.01.ENG , accessed 20190917. Translations in other languages have been based on the Coding Indexes available from the National Statistical Offices, see https://seriss.eu/wp-content/uploads/2018/08/SERISS-Deliverable-D8.4-Validation-of-ISCO-08-codes.pdf

5. Use case: coding occupational titles

The Survey of Health, Ageing and Retirement in Europe (SHARE), a partner in SSHOC, is a research infrastructure for studying the effects of health, social, economic, and environmental policies over the life-course of European citizens and beyond. From 2004 until today, 530,000 in-depth interviews with 140,000 people aged 50 or older from 28 European countries and Israel have been conducted. In wave 3 (2008-2009, with almost 30,000 men and women across 13 European countries) and wave 7 (2017, with more than 62,000 respondents who had not participated in Wave 3) of SHARE, so-called SHARELIFE, the survey collected detailed retrospective information on all the relevant aspects of participants' lives including respondents' occupations throughout their entire working careers. Respondents reported the occupation title, industry, and start and end date for each job spell over their life-course. In wave 7, due to the implementation of a new instrument in the CAPI questionnaire, the so-called job-coder, this information was coded using the ISCO-08 classification directly at the time of the interview, making it usable already at the first data public release. The job-coder was developed by SSHOC partner SHARE/CENTERDATA based on the occupation database in surveycodings and was first implemented in the SHARE survey starting with wave 6 (2015), when it was used to code the job titles of the respondents' parents as well as the current or past jobs of the survey participants in the refreshment sample.

In wave 3 such a software had not been yet available with the consequence that the detailed information collected by means of the job title/description strings had not been classified/coded, and hence not usable by researchers. The same happened with the information on occupation for the respondents' parents, which was continuously collected as string occupation title from wave 2 (2006) to wave 5 (2013) for all the new participants to the survey (the refreshment sample). The partner SHARE/UNIVE in Venice took on and performed the major effort of recovering the job codification for the information on occupation of the SHARE respondents for the retrospective careers and for the parents' occupations for most of the participant countries.

The work was performed in two steps. In the first step part of the codifications were recovered based on the matching of the job strings to be coded with the corresponding codification attached to the open string answers from wave 6, wave 7 (coded by means of the Job-coder) and from wave 1 (coded ex-post). To be as accurate as possible first all the possible matching were performed separately by gender, for the parents' occupations, and separately by sector, for the respondents' retrospective jobs. This allows us to consider the variation in the occupation (ISCO-08 unit group) for men and women and capture to some extent the gender specific occupations, as well as to code differently (and consequently more accurately) the situations when the strings are rather generic, based on the industry to which the occupations are associated.

Recovering occupation codification in this way poses two issues. On the one hand, more than one possible codification may exist for the same string, especially when these are rather generic, such as for example "clerk". On the other hand, for those occupations for which no match was found by using wave

6 or 7 had to be matched by using the information from wave 1, the codification coming from wave 1 was done by using the ISCO-88 classification. The approach to solve the first issue was to choose from the list of the possible fitted codifications the one that was the most frequent among the SHARE respondents. For fixing the second problem, that is, having recovered an ISCO-88 codification, the researchers at UNIVE are converting these situations into their corresponding ISCO-08 unit groups.

In the second step, the large number of remaining occupation strings had to be coded one by one. This thorough operation was done separately by country and language.

In order to do this, the researchers made use of two main instruments: (i) the job-coder instruments from the SHARE wave 8 CAPI, and (ii) the free online version of the Cascot coding tool[12]. The second one was used to complement the first software in the situations in which the job-coder could not provide a solution. Both these instruments allowed the researchers to code the occupation titles at four digits level according to the ISCO-08 classification of occupations. These coding efforts aim to obtain a complete picture of the occupational careers for the entire SHARE sample.

The researchers at UNIVE managed to complete the occupation coding for the respondents' retrospective careers and for the respondents' parents[13]. The information on respondents' occupations over the life-course will open the SHARE data to new research possibilities in many areas, among which the economic and methodological one. The researchers will be able understand and follow the evolution of occupations over time within the same cohorts and to compare them among different cohorts. Such information will allow for better insights into the differences in the labour market composition over time across countries and between genders, permitting the analysis ofnew cause-effect relationships.

The following descriptives give an idea on how occupations evolved over time and on the heterogeneity that researchers can capture by using the detailed codification that will be made available in the future for the SHARE dataset. For example, Graph 3 describes the distribution of occupation by submajor in the SHARE sample for four years. It can be observed that the distribution of the occupation changed gradually through years, moving from those with low and medium-low level of qualification towards the more qualified ones.

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[12] The CASCOT Coding tool is available in an online version from the Warwick Institute for Employment Research at: https://cascotweb.warwick.ac.uk/#/classification/isco08

[13] The UNIVE team is completing the codification for all the countries taking part in SHARELIFE except for Greece and Israel, which require some additional time due to particular problems related to the complexity of the language and the use of different alphabets. The one-to-one codification of occupation requires working with text description of occupation in the original language in which they were collected.

GRAPH 3   DISTRIBUTION OF OCCUPATIONS BY SUBMAJOR AND YEAR
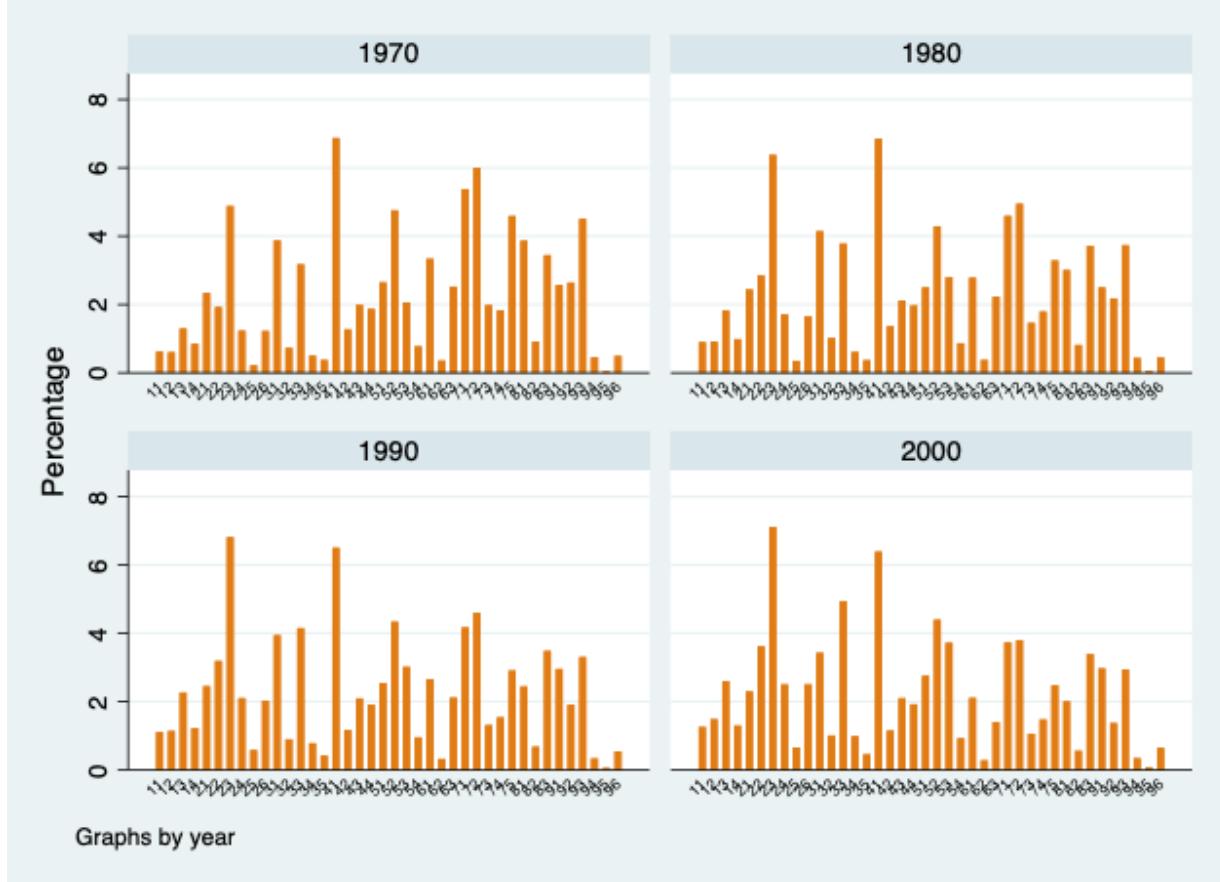
Legend: 11=Chief Executives, Senior Officials and Legislators, 12=Administrative and Commercial Managers, 13=Production and Specialized Services Managers, 14=Hospitality, Retail and Other Services Managers, 21=Science and Engineering Professionals, 22=Health Professionals, 23=Teaching Professionals, 24=Business and Administration Professionals, 25=Information and Communications Technology Professionals, 26=Legal, Social and Cultural Professionals, 31=Science and Engineering Associate Professionals, 32=Health Associate Professionals, 33=Business and Administration Associate Professionals 34=Legal, Social, Cultural and Related Associate Professionals, 35=Information and Communications Technicians, 41=General and Keyboard Clerks, 42=Customer Services Clerks" 43 "Numerical and Material Recording Clerks, 44=Other Clerical Support Workers, 51=Personal Services Workers, 52=Sales Workers, 53=Personal Care Workers, 54=Protective Services Workers, 61=Market-oriented Skilled Agricultural Workers 62=Market-oriented Skilled Forestry, Fishery and Hunting Workers, 63=Subsistence Farmers, Fishers, Hunters and Gatherers, 71=Building and Related Trades Workers (excluding Electricians), 72=Metal, Machinery and Related Trades Workers, 73=Handicraft and Printing Workers, 74=Electrical and Electronic Trades Workers, 75=Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers 81=Stationary Plant and Machine Operators, 82=Assemblers, 83=Drivers and Mobile Plant Operators,91=Cleaners and Helpers, 92=Agricultural, Forestry and Fishery Labourers, 93=Labourers in Mining, Construction, Manufacturing and Transport, 94=Food Preparation Assistants, 95 =Street and Related Sales and Services Workers, 96=Refuse Workers and Other Elementary Workers

Graph 4 describes the differences in occupations between two SHARE countries, namely Sweden versus Italy. The picture shows large differences in the distribution of occupations by submajor, with Sweden displaying significantly larger percentages of individuals employed in more qualified occupations (from 11 to 54).

GRAPH 4   DISTRIBUTION OF OCCUPATIONS BY ISCO-08 SUBMAJOR, SWEDEN VS. ITALY
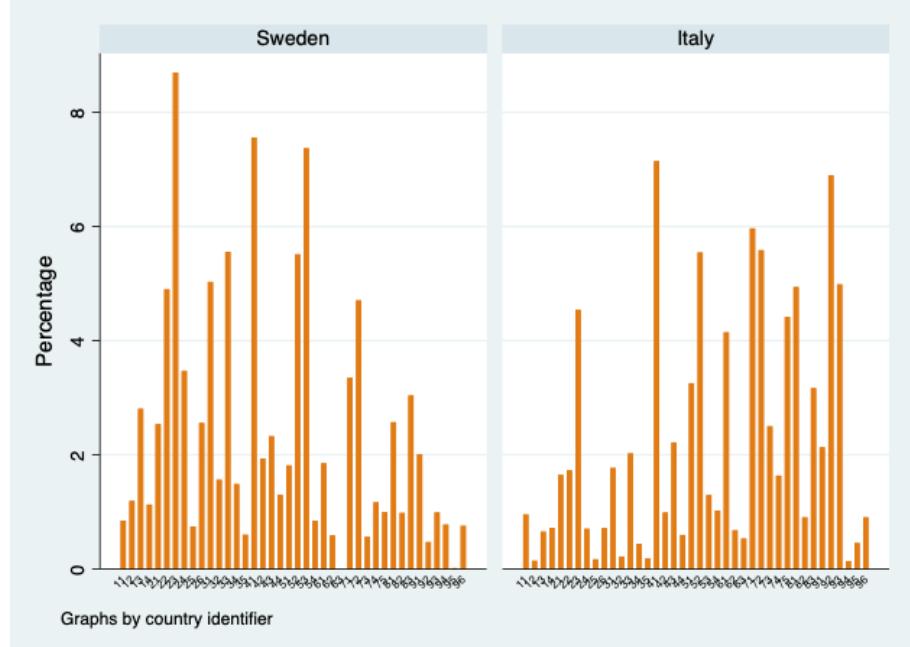
Legend: see Graph 3

If disaggregated and making the same comparison between countries separately by gender (see Graphs 5 and 6), it can be noted that the difference is much larger for women than for men.

GRAPH 5   DISTRIBUTION OF OCCUPATION BY ISCO-08 SUBMAJOR, SWEDEN VS. ITALY, MEN
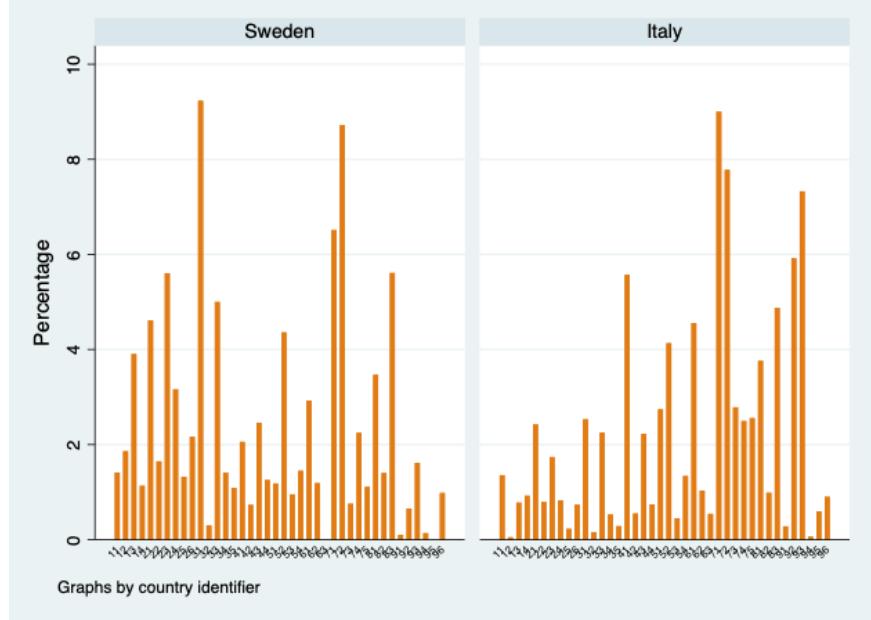
Legend: see Graph 3

GRAPH 6   DISTRIBUTION OF OCCUPATION BY ISCO-08 SUBMAJOR, SWEDEN VS. ITALY, WOMEN
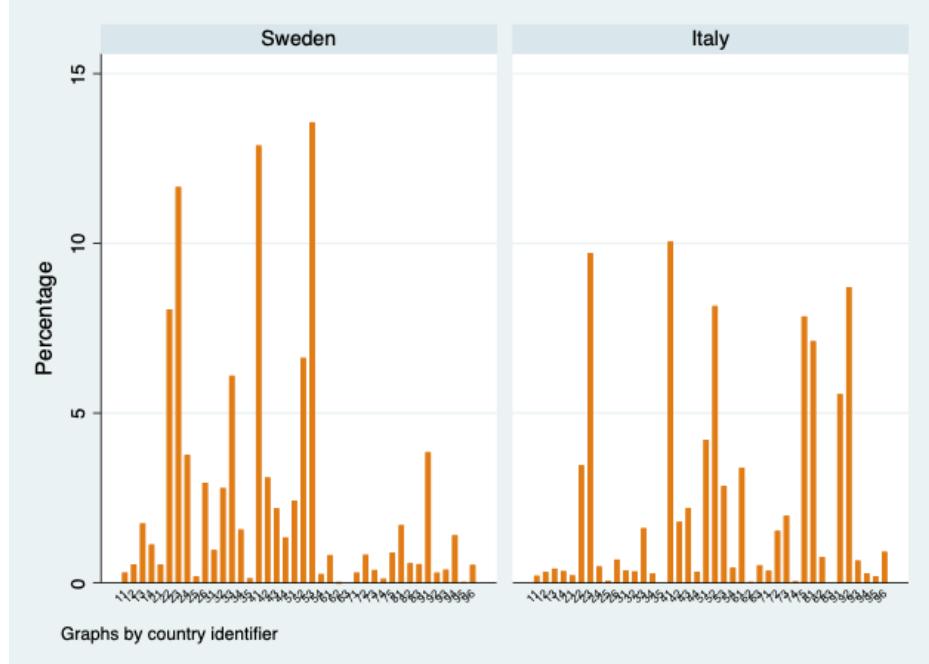
Legend: see Graph 3

The availability of such a detailed occupation coding will also allow for interesting analysis among cohorts. Graphs 7 and 8 describe the variation in occupations between two 10-years cohorts of respondents in Sweden and Italy.

GRAPH 7   DISTRIBUTION OF OCCUPATION BY SUBMAJOR BY COHORT, SWEDEN
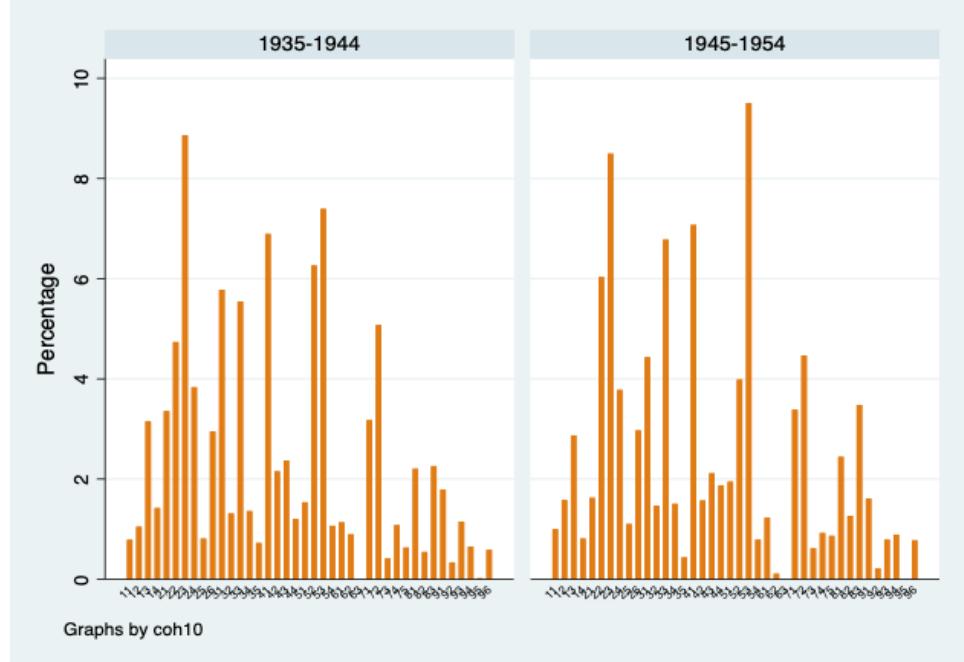
Legend: see Graph 3

GRAPH 8   DISTRIBUTION OF OCCUPATION BY SUBMAJOR BY COHORT, ITALY
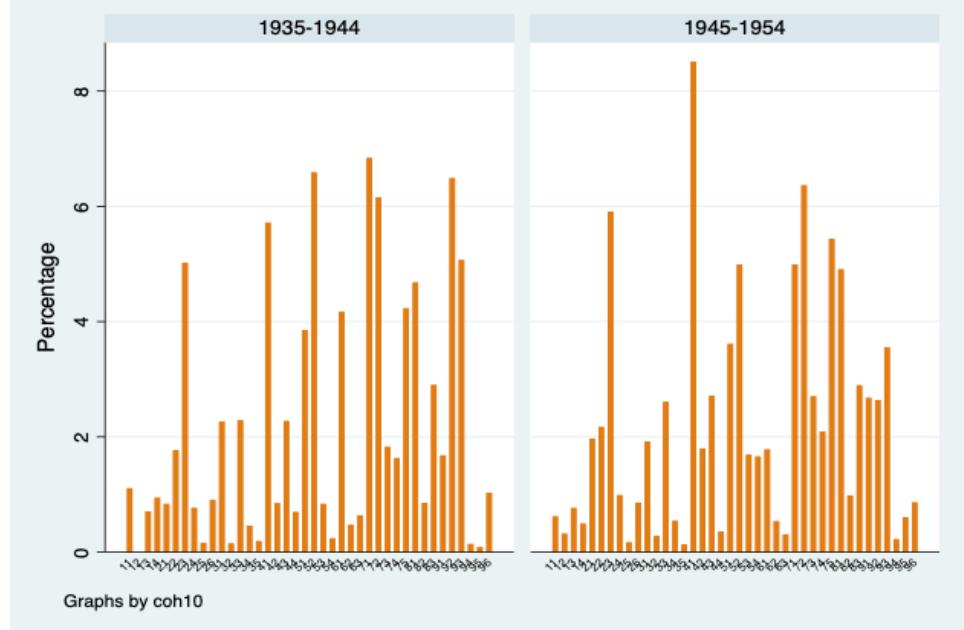
Legend: see Graph 3

It is important to note that, besides the large variations observed with respect to the occupation distribution at ISCO-08 2-digit level, important variations can also appear within the same submajor, that is, at finer levels of details, and this gives the codification work done by UNIVE even more importance.

Graph 9 describes the distribution of the most frequent ISCO-08 3-digit occupations for two of the years covered by the retrospective data collected in SHARELIFE: namely, 1970 and 2000. It was noted that, over time, while at 2-digit level variations between years could be seen but the representativity was still significant almost for every submajor (see Graph 3), at 3-digit level, some of the groups rather representative in 1970 were empty in 2000. This supports the importance of the availability of detailed information on occupation when analysing the changes in the labour market over time.

GRAPH 9   DISTRIBUTION OF THE MOST FREQUENT ISCO-08 3-DIGIT OCCUPATIONS, 1970, 2000
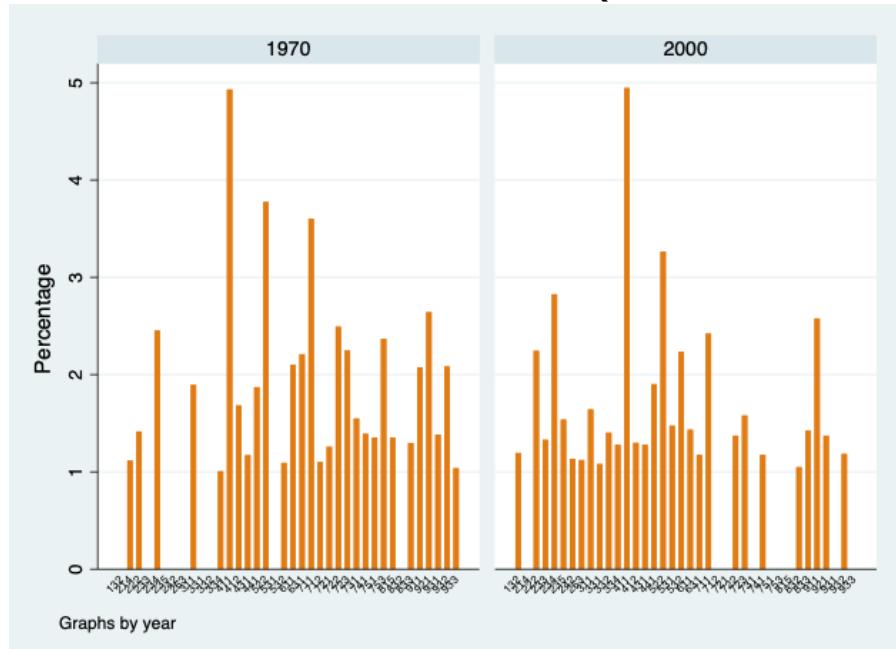
The coded occupations for both the retrospective working carrers and the respondents' parents occupations will be available in a future release of the SHARE data.

6. Conclusion

Task 3.2 in SSHOC Work package 3 aimed to foster the use of selected global ontologies in the social sciences and humanities, regarding occupational titles, educational categories, sectors of industry, geographical regions, food items, and religions. These ontologies service the usage of vocabularies for classifying text corpora and predefined response categories to facilitate self-identification in survey questions. Deliverable D3.10 focuses on occupational ontologies in the 20th century. As any labour market can easily include thousands of titles, the occupational database for self-selection should facilitate filtering. Specifically for survey questions addressing parental or previous occupations, the database should allow for filtering titles that existed in the decades relevant for the survey question.

In Section 2 two approaches were applied to build an ontology for the first half of the 20th century occupations. First, the occupational titles found in the documents from the 1909, 1920, and 1930 Censuses in the Netherlands were merged, leading to the conclusion that these lists most likely did not provide a full overview of all titles present in those years. This resulted in a list of 1,071 occupational titles which mostly did not overlap in the three years. Second, the newspaper archive Delpher in the Netherlands was used to explore whether it could be used to indicate in which decades the occupational titles were reflected in the Newspapers. A list of 26 titles existing only in the first half of the century were matched with the texts. For almost half of these occupations 80% of the matches indeed were found in the years between 1900-1940, indicating that the archive is a useable tool to indicate in which decades the occupations were present in the Dutch labour market. However for more than half the titles the matches were below 80. In conclusion, further research is needed to build an occupational ontology covering a large number of occupational titles for the Netherlands. When aiming for a multilingual ontology, definitely more research has to be undertaken.

In Section 3 the international ISCO classifications for 1958, 1986, 1988, and 2008 were used for constructing a multilingual occupational ontology for the second half of the 20th century. The available translations of the ISCO 1958, 1968, 1988, and 2008 coding indexes were merged. ISCO 1958 and 1968 were available at 5-digit level and in the languages English, French, and Spanish. ISCO 1988 is available at 4-digit level and in the languages English, French, Spanish, and German. ISCO 2008 is available at 4-digit level and in 51 languages. For another two languages translations were available for only part of the titles. The files can be downloaded from https://www.surveycodings.org/articles/codings/occupation. In conclusion, this multilingual ontology is available for self-identification in surveys.

In Section 4 the occupational titles throughout respondents' entire working careers were coded. These titles were collected in 530,000 in-depth interviews with 140,000 people aged 50 or older from 28 European countries and Israel in the seven Survey of Health, Ageing and Retirement in Europe (SHARE) waves. SHARE is a Partner in SSHOC. In waves 6 and 7, a so-called job-coder was implemented and used to classify the respondents' parents as well as respondents' current or past jobs in the ISCO-08 classification directly at the time of the interview. The job-coder was developed by SSHOC partner

SHARE/CENTERDATA based on the occupation database in [surveycodings](). SSHOC partner SHARE/UNIVE in Venice performed the major effort of recovering the job codification for the retrospective careers and for the parents' occupations for most of the participant countries in previous waves. The effort allowed to observe that the distribution across occupations changed gradually through years, moving from those with low and medium-low level of qualification towards the more qualified ones over the years 1970, 1980, 1990 and 2000. A comparison between Sweden and Italy shows large differences in the distribution of occupations by submajor, with Sweden displaying significantly larger percentages of individuals involved in more qualified occupations. When disaggregated by gender, the difference is much larger for women than for men. The distribution of the most frequent ISCO-08 3-digit occupations for 1970 and 2000 reveals that some of the groups rather representative in 1970 were empty in 2000. This supports the importance of the availability of detailed information on occupation when analysing the changes in the labour market over time.

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Appendix

TABLE 4   LIST OF OCCUPATIONAL TITLES IN 1909, 1920, AND 1930 FROM THE CENSUS SURVEYS IN THE NETHERLANDS

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Aandraaier	Aandraaier	Aandraaier		1920-1930
Aanlegger van gas en waterleidingen			Aanlegger van gas en waterleidingen	1909
Aannemer		Aannemer	Aannemer	1909-1920
Aannemer van verhuizingen			Aanemer van verhuizingen	1909
Aardewerkmaker	Aardewerkmaker	Aardewerkmaker		1920-1930
Accountant	Accountant	Accountant		1920-1930
Actuaris	Actuaris	Actuaris		1920-1930
Administratief personeel	Administratief personeel	Administratief personeel		1920-1930
Advocaat en procureur	Advocaat en procureur	Advocaat en procureur		1920-1930
Afbramer	Afbramer	Afbramer		1920-1930
Afslager	Afslager		Afslager	1909-1930
Afteekenaar	Afteekenaar	Afteekenaar		1920-1930
Aftrekbaar		Aftrekbaar		1920
Afvalslager			Afvalslager	1909
Afwerker		Afwerker		1920
Afwerker (slijper e.d.)	Afwerker (slijper e.d.)			1930
Agent	Reiziger, agent enz.	Agent	Agenten	1909-1920-1930
Agenten stoombootonderneming			Agenten stoombootonderneming	1909
Ambtenaar		Ambtenaar		1920
Ammoniakbereider		Ammoniakbereider		1920
Apotheker			Apotheker	1909
Apothekers-assistent	Apothekers-assistent	Apothekers-assistant		1920-1930
Appreteerderij			Appreteerderij	1909
Appreteur	Appreteur	Appreteur		1920-1930
Arbeider	Arbeider	Arbeider		1920-1930
Arbeider publieke werken (overheidsdienst)		Arbeider publieke werken (overheidsdienst)		1920
Architect	Architect	Architect	Architect	1909-1920-1930
Asphaltwerker	Asphaltwerker			1930
Assistent	Assistent	Assistent		1920-1930
Augurkenzouter			Augurkenzouter	1909
Autobandenmaker		Autobandenmaker		1920
Automobielenverhuurder			Automobielenverhuurder	1909
Automobielverhuurder			Automobielverhuurder	1909
Azijnmaker		Azijnmaker		1920
Badknecht	Badknecht	Badknecht		1920-1930
Bagger- en scheepspersoneel	Bagger- en scheepspersoneel	Bagger- en scheepspersoneel		1920-1930
Baggerdroogmaker (korte turf)		Baggerdroogmaker (korte turf)		1920
Baggerpersoneel	Baggerpersoneel	Baggerpersoneel	Baggerlieden	1909-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Baleinenmaker		Baleinenmaker		1920
Baleinsnijder			Baleinsnijder	1909
Balletjesmaker			Balletjesmaker	1909
Bandagist	Bandagist	Bandagist		1920-1930
Bandvormer	Openaar en bandvormer	Bandvormer		1920-1930
Bandwerker		Bandwerker		1920
Banket- en koekbakker	Banket- en koekbakker	Banket- en koekbakker	Koek- en banketbakker	1909-1930
Banketbakker	Banketbakker			1930
Banksteller		Banksteller		1920
Bankwerker	Bankwerker	Bankwerker		1920-1930
Barbier		Barbier	Barbier	1909-1920
Beambten kroondomein			Beambten kroondomein	1909
Beambten publieke werken			Beambten publieke werken	1909
Beddenmaker	Bedden- en matrassenmaker	Beddenmaker		1920-1930
Bedienaar van den Israelitischen godsdienst	Bedienaar van den Israelitischen godsdienst	Bedienaar van den Israëlitischen godsdienst		1920-1930
Bedienaar van den Protestantschen godsdienst	Bedienaar van den Protestantschen godsdienst	Bedienaar van den Protestantschen		1920-1930
Bedienaar van den R. K. godsdienst	Bedienaar van den R. K. godsdienst	Bedienaar van den R-K godsdienst		1920-1930
Bedienaar van een anderen godsdienst	Bedienaar van een anderen godsdienst	Bedienaar van een anderen godsdienst		1920-1930
Bedienaren (godsdienst)			Bedienaren (godsdienst)	1909
Bediende	Bediende			1930
Bediende reisbureaux	Bediende reisbureaux			1930
Bediende verhuurinrichtingen	Bediende verhuurinrichtingen			1930
Bedienend en huispersoneel	Bedienend en huispersoneel			1930
Bedienend personeel	Bedienend personeel	Bedienend personeel		1920-1930
Bedrijfshoofd	Bedrijfshoofd	Bedrijfshoofd		1920-1930
Bedrijfsleider	Bedrijfsleider	Bedrijfsleider		1920-1930
Beeldenschilder	Beeldenschilder	Beeldenschilder	Beeldenschilder	1909-1920-1930
Beeldhouwer	Beeldhouwer	Beeldhouwer	Beeldhouwer	1909-1920-1930
Beeldhouwers (Kerkelijke kunst)			Beeldhouwers (Kerkelijke kunst)	1909
Beenzwartbewerker		Beenzwartbewerker		1920
Beestensnijder			Beestensnijder	1909
Begraafplaatspersoneel	Begraafplaatspersoneel	Begraafplaatspersoneel		1920-1930
Begrafenispersoneel	Begrafenispersoneel	Begrafenispersoneel		1920-1930
Begrafeniswezem			Begrafeniswezem	1909
Begrafeniswezen			Begrafeniswezen	1909
Behanger	Behanger	Behanger	Behanger	1909-1920-1930
Behangersnaaister	Behangersnaaister	Behangersnaaister		1920-1930
Beignetbakker			Beignetbakker	1909
Bekleeder	Bekleeder	Bekleeder		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Beleenbankhouder			Beleenbankhouder	1909
Bemalingspersoneel	Bemalingspersoneel	Bemalingspersoneel		1920-1930
Bereider vam chemische stoffer		Bereider vam chemische stoffer		1920
Beroepsloozen		Beroepsloozen		1920
Beschuitbakker			Beschuitbakker	1909
Beslagmaker		Beslagmaker		1920
Bestelhuishouder			Bestelhuishouder	1909
Besteller		Besteller		1920
Betonwerker	Betonwerker	Betonwerker		1920-1930
Bevolverbankdraaier		Bevolverbankdraaier		1920
Bewaarman			Bewaarman	1909
Bewaarschoolonderwijzer		Bewaarschoolonderwijzer		1920
Bewakings- en beveiligingspersoneel	Bewakings- en beveiligingspersoneel			1930
Bewerking van diamant e andere edelstenen en fijne stenen		Bewerking van diamant e andere edelstenen en fijne stenen		1920
Bezembinder	Bezembinder			1930
Bibliothecaris	Bibliothecaris			1930
Bierhuishouder			Bierhuishouder	1909
Biesplanting			Biesplanting	1909
Bignetbakker			Bignetbakker	1909
Bijenhouder			Bijenhouder	1909
Bijproductenverwerker	Bijproductenverwerker	Bijproductenverwerker		1920-1930
Bilartmaker			Bilartmaker	1909
Binnenbandenlasscher		Binnenbandenlasscher		1920
Binnenvisscher		Binnenvisscher		1920
Bioscooppersoneel	Bioscooppersoneel			1930
Biscuit- en koekbakker	Biscuits- en koekbakker			1930
Biscuitbakker		Biscuitbakker		1920
Bleeker	Bleeker	Bleeker		1920-1930
Bleekerijarbeider	Bleekerijarbeider			1930
Blikbewerker (machinale)	Blikbewerker (machinale)	Blikbewerken (machinale)		1920-1930
Blikdrukker	Blikdrukker			1930
Blikslager	Blikslager	Blikslager		1920-1930
Blikwerker (machinale)	Blikwerker (machinale)			1930
Bloembollencultuur		Bloembollencultuur		1920
Bloembollenkweeker		Bloembollenkweeker	Bloembollenkweeker	1909-1920
Bloemenmaakster	Bloemenmaakster	Bloemenmaakster		1920-1930
Bloemist			Bloemist	1909
Blok- en mastmaker	Blok- en mastmaker	Blok- en mastmaker		1920-1930
Blokbreker			Blokbreker	1909
Boekbinder	Boekbinder	Boekbinder	Boekbinder	1909-1920-1930
Boeter		Boeter		1920
Bolsterturfvermaler		Bolsterturfvermaler		1920
Bontnaaister	Bontnaaister	Bontnaaister		1920-1930
Bontwerker	Bontwerker	Bontwerker		1920-1930
Boogmaker			Boogmaker	1909
Boomkweeker		Boomkweeker		1920

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Boomkweekersknecht	Boomkweekersknecht			1930
Boomkweker			Boomkweker	1909
Boorarbeider	Boorarbeider	Boorarbeider		1920-1930
Boorder	Boorder	Boorder		1920-1930
Boormeester	Boormeester	Boormeester		1920-1930
Borduurder	Borduurder			1930
Borduurster	Borduurster	Borduurster		1920-1930
Borduurwerker		Borduurwerker		1920
Borstelhoutmaker		Borstelhoutmaker		1920
Borstelmaker	Borstelmaker	Borstelmaker		1920-1930
Boscharbeider	Boscharbeider	Boscharbeider	Boscharbeider	1909-1920-1930
Boterbewerker		Boterbewerker		1920
Boterboer			Boterboer	1909
Botermaker	Botermaker	Botermaker		1920-1930
Bouten- en moerenmaker	Bouten- en moerenmaker			1930
Bouwkundige			Bouwkundige	1909
Bovengrondsche arbeider		Bovengrondsche arbeider		1920
Brandassuratie			Brandassuratie	1909
Brandhoutmaker			Brandhoutmaker	1909
Brandweerpersoneel	Brandweerpersoneel	Brandweerpersoneel		1920-1930
Breeuwer	Breeuwer			1930
Breier	Breier	Breier	Breier	1909-1920-1930
Breister			Breister	1909
Breukbandenmaker			Breukbandenmaker	1909
Brievenbesteller	Brievenbesteller	Brievenbesteller		1920-1930
Brillant- en kapslijper		Brillant- en kapslijper		1920
Brillant- en kapsnijder		Brillant- en kapsnijder		1920
Brillant- en kapversteller		Brillant- en kapversteller		1920
Brood- en beschuitbakker	Brood- en beschuitbakker			1930
Broodbakker		Broodbakker	Broodbakker	1909-1920
Brouwer	Brouwer	Brouwer		1920-1930
Brug- en sluispersoneel			Brug- en sluispersoneel	1909
Bruggenbouwer			Bruggenbouwer	1909
Buffet- en keukenpersoneel	Buffet- en keukenpersoneel	Buffet- en keukenpersoneel		1920-1930
Buffetchef			Buffetchefs	1909
Buffetjuffrouw			Buffetjuffrouw	1909
Buffetpersoneel	Buffetpersoneel	Buffetpersoneel		1920-1930
Builer		Builer		1920
Byouteriewerker			Byouteriewerker	1909
Cacaobrander	Cacaobrander	Cacaobrander		1920-1930
Cacaomaler	Cacaomaler	Cacaomaler		1920-1930
Calligraaf	Calligraaf	Calligraaf	Calligraaf	1909-1920-1930
Candidaat-notaris	Candidaat-notaris	Candidaat-notaris		1920-1930
Canvassnijmachinearbeider		Canvassnijmachinearbeider		1920

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Capsulemaker	Capsulemaker	Capsulemaker		1920-1930
Carboniseerder		Carboniseerder		1920
Carrosseriemaker	Carrosseriemaker			1930
Cartonnagewerker	Cartonnagewerker	Cartonnagewerker		1920-1930
Cellulosemachinearbeider		Cellulosemachinearbeider		1920
Cementwerker	Cementwerker	Cementwerker		1920-1930
Centrifugist	Centrifugist	Centrifugist		1920-1930
Chabloniste (tegelchabloniste)			Chabloniste (tegelchabloniste)	1909
Chauffeur	Chauffeur	Chauffeur	Chauffeur	1909-1920-1930
Chemisch en nat wasscher	Chemisch en nat wasscher	Chemisch wasscher		1920-1930
Chemist			Chemist	1909
Chocolademaker	Chocolademaler	Chocolademaker		1920-1930
Chocoladewerker	Chocoladewerker	Chocoladewerker		1920-1930
Cichoreibereider		Cichoreibereider		1920
Circus- en kermispersoneel	Circus- en kermispersoneel			1930
Ciseleur			Ciseleur	1909
Clichémaker			Clichémaker	1909
Colporteur			Colpolteur	1909
Commensalenhouder			Commensalenhouder	1909
Commissionair		Commissionnairs, reizigers, agenten, enz	Commissionairs	1909-1920
Componist	Componist	Componist		1920-1930
Concierge, bode, portier, enz		Concierge, bode, portier, enz		1920
Condenseur	Condenseur	condenseur		1920-1930
Conducteur	Conducteur	Conducteur		1920-1930
Confectiefabrieksarbeider	Confectiefabrieksarbeider			1930
Confiseur			Confiseur	1909
Conservatiearbeider	Conservatiearbeider	Conservatiearbeider		1920-1930
Conserveerder	Conserveerder	Conserveerder en inmaker		1920-1930
Controlepersoneel		Controlepersoneel		1920
Corsettenmaker	Corsettenmaker	Corsettenmaker		1920-1930
Costumier			Costumier	1909
Costuumnaaister	Costuumnaaister			1930
Coupeur	Coupeur	Coupeur		1920-1930
Dakdekker	Dakdekker	Dakdekker		1920-1930
Danser	Danser	Danser		1920-1930
Darmenbewerker	Darmenbewerker	Darmenbewerker		1920-1930
Decorateur	Decorateur	Decorateur		1920-1930
Decoratieschilder			Decoratieschilder	1909
Decoratieschilders b/h tooneel			Decoratieschilders b/h tooneel	1909
Dekenmaker	Dekenmaker	Dekenmaker		1920-1930
Dekenwasscher			Dekenwasscher	1909
Dekker			Dekker	1909

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Dekpersoneel	Dekpersoneel	Dekpersoneel		1920-1930
Delver		Delver		1920
Delver en aanvoeder van grondstoffen		Delver en aanvoeder van grondstoffen		1920
Delver van ijzererts			Delver van ijzererts	1909
Depothouder			Depothouder	1909
Detacheur	Detacheur	Detacheur		1920-1930
Deurwaarder	Deurwaarder	Deurwaarder		1920-1930
Diamant- en parelzetter			Diamant- en parelzetter	1909
Diamantbewerker	Diamantbewerker	Diamantbewerking		1920-1930
Diamantkloover		Diamantkloover		1920
Diamantklover			Diamantklover	1909
Diamantslijper			Diamantslijper	1909
Diamantsnijder			Diamantsnijder	1909
Diamantzager		Diamantzager	Diamantzager	1909-1920
Dijkwerker			Dijkwerker	1909
Diplomaat, consul, enz		Diplomaat, consul, enz		1920
Directeuren			Directeuren	1909
Distillateur		Distillateur	Distillateur	1909-1920
Distillateursknecht		Distillateursknecht		1920
Doodkistenmaker			Doodkistenmaker	1909
Doozenmaker		Doozenmaker	Doozenmaker	1909-1920
Dorscher	Dorscher	Dorscher		1920-1930
Draadmaker		Draadmaker		1920
Draadnagelmaker	Draadnagelmaker	Draadnagelmaker		1920-1930
Draadsnijder		Draadsnijder		1920
Draadtrekker	Draadtrekker	Draadtrekker		1920-1930
Draadvlechter	Draadvlechter	Draadvlechter	Draadvlechter	1909-1920-1930
Draadwalser	Draadwalser	Draadwalser		1920-1930
Draaier	Draaier	Draaier		1920-1930
Drabbelkoekbakker			Drabbelkoekbakker	1909
Dragewerker	Dragewerker	Dragewerker		1920-1930
Drijfriemenmaker	Drijfriemenmaker	Drijfriemenmaker		1920-1930
Droger		Droger		1920
Drogerijarbeider		Drogerijarbeider		1920
Drogist			Drogist	1909
Droogschuurarbeider		Droogschuurarbeider		1920
Dropwerker	Dropswerker	Dropwerker		1920-1930
Drukker	Drukker	Drukker		1920-1930
Drukker (handdrukker)	Drukker (handdrukker)	Drukker (handdrukker)		1920-1930
Drukker (machinedrukker)	Drukker (machinedrukker)	Drukker (machinedrukker)		1920-1930
Drukregelaar	Drukregelaar	Drukregelaar		1920-1930
Duiker	Duiker	Duiker	Duiker en helmduiker	1909-1920-1930
Duinplukker			Duinplukker	1909
Eendenkooihouder			Eendenkooihouder	1909
Effectenhandelaar			Effectenhandelaar	1909
Electricicien		Electricicien		1920
Electricien	Electricien			1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Electrische installatiewerkplaatsen		Electrische installatiewerkplaatsen		1920
Electro technische bureaux			Electro technische bureaux	1909
Emailleerder	Emailleerder	Emailleerder	Emailleerder	1909-1920-1930
Encadreur	Encadreur	Encadreur		1920-1930
Ernstvuurwerkmaker	Ernstvuurwerkmaker	Ernstvuurwerkmaker	Ernstvuurwerkmaker	1909-1920-1930
Ertsmenger	Ertsmenger	Ertsmenger		1920-1930
Etser	Etser	Etser		1920-1930
Expediteur		Expeditie		1920
Expert	Expert	Expert		1920-1930
Festonneerster		Festonneerster		1920
Filter		Filter		1920
Financie- en belastingpersoneel	Financie- en belastingpersoneel	Financie- en belastingpersoneel		1920-1930
Fitter en leidingmonteur	Fitter en leidingmonteur			1930
Fluweelschilder			Fluweelschilder	1909
Forceur	Forceur			1930
Fotograaf	Fotograaf	Fotograaf		1920-1930
Fraiser	Fraiser	Fraiser		1920-1930
Fundeeringmaker of -werker			Fundeeringmaker of -werker	1909
Gaarkeukenhouder			Gaarkeukenhouder	1909
Galvaniseur	Galvaniseur	Galvaniseur		1920-1930
Galvanoplastiekarbeider	Galvanoplastiekarbeider	Galvanoplastiekarbeider		1920-1930
Ganzenvanger			Ganzenvanger	1909
Garageknecht	Garageknecht	Garageknecht		1920-1930
Garnalenkoker			Garnalenkoker	1909
Garnalenpeller			Garnalenpeller	1909
Garnalenzever			Garnalenzever	1909
Gasmaker		Gasmaker		1920
Geestelijke en evangelist			Geestelijke en evangelist	1909
Geldwisselaar		Geldwisselaars		1920
Geneeskundige	Geneeskundige	Geneeskundige		1920-1930
Geschoold personeel	Geschoold personeel			1930
Gezant, consul, enz.	Gezant, consul, enz.			1930
Gieter	Gieter	Gieter		1920-1930
Gipserijarbeider		Gipserijarbeider		1920
Gipswerker	Gipswerker	Gipswerker		1920-1930
Gistwerker	Gistwerker	Gistwerker		1920-1930
Glaceerder	Glaceerder	Glaceerder		1920-1930
Glas in loodzetter	Glas in loodzetter	Glas in loodzetter		1920-1930
Glasbewerker		Glasbewerker		1920
Glasbrander	Glasbrander en glasschilder	Glasbrander	Glasbrander	1909-1920-1930
Glasbuiger	Glasbuiger	Glasbuiger		1920-1930
Glasetser	Glasetser	Glasetser		1920-1930
Glasmaker	Glasmaker			1930
Glasperserijarbeider		Glasperserijarbeider		1920

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Glasschilder	Glasbrander en glasschilder	Glasschilder	Glasschilder	1909-1920-1930
Glasslijper	Glasslijper	Glasslijper		1920-1930
Glassnijder	Glassnijder	Glassnijder		1920-1930
Glasverzilveraar	Glasverzilveraar	Glasverzilveraar		1920-1930
Glavaniseur		Glavaniseur		1920
Glazenmaker		Glazenmaker		1920
Glazenwasscher	Glazenwasscher en schoonmaker	Glazenwasscher	Glazenwasscher	1909-1920-1930
Glazuurder	Glazuurder	Glazuurder		1920-1930
Gobelinwever	Gobelinwever	Gobelinwever		1920-1930
Godsdienstonderwijzer	Godsdienstonderwijzer	Godsdienstonderwijzer	Godsdiensonderwijzer	1909-1920-1930
Gordijnnaaister	Gordijnnaaister			1930
Goud- en zilversmid en reparateur	Goud- en zilversmid en reparateur	Goud- en zilversmid en reparateur		1920-1930
Graanreiniger		Graanreiniger		1920
Graveur	Graveur	Graveur	Graveur	1909-1920-1930
Graveur en drijver	Graveur en drijver	Graveur en drijver		1920-1930
Graveur en koperdrijver	Graveur en koperdrijver			1930
Griendwerker	Griendwerker	Griendwerker	Griendwerker	1909-1920-1930
Grintgraver			Grintgraver	1909
Groenten- en vruchtenschoonmaker	Groenten- en vruchtenschoonmaker	Groenten- en vruchtenschoonmaker		1920-1930
Grofbankwerker	Grofbankwerker	Grofbankwerker		1920-1930
Grondstoffenbewerker		Grondstoffenbewerker		1920
Grondwerker	Grondwerker	Grondwerker		1920-1930
Grutter			Grutter	1909
Haarbereider	Haarbereider	Haarbereider		1920-1930
Haartrekker		Haartrekker		1920
Haarwerker	Haarwerker	Haarwerker		1920-1930
Hakker	Hakker en koker	Hakker		1920-1930
Hakselmachinearbeider		Hakselmachinearbeider		1920
Handdrukker	Handdrukker			1930
Handhoutbewerker	Handhoutbewerker	Handhoutbewerker		1920-1930
Handlanger	Handlanger	Handlanger		1920-1930
Handlanger (bovengrondsch)	Handlanger (bovengrondsch)			1930
Haringkuiper	Handlanger w.o. haringkuiper			1930
Handschoenmaker	Hand-schoenmaker			1930
Handspeelgoedmaker		Handspeelgoedmaker		1920
Handzetter	Handzetter	Handzetter		1920-1930
Harder	Harder	Harder		1920-1930
Haringpakker			Haringpakker	1909
Haringvisscher			Haringvisscher	1909
Haspelarbeider	Haspelarijarbeider	Haspelarbeider		1920-1930
Haven- en transportarbeider		Haven- en transportarbeider		1920
Heibaas			Heibaas	1909

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Heibezemmaker		Heibezemmaker		1920
Heier	Heier	Heier		1920-1930
Hekelaar	Hekelaar	Hekelaar		1920-1930
Helmduiker			Duiker en helmduiker	1909
Hengstenhouder			Hengstenhouder	1909
Hennepbeuker		Hennepbeuker		1920
Herbergier			Herbergier	1909
Hoedenmaker	Hoedenmaker	Hoeden en pettenmaker		1920-1930
Hoedenmodiste	Hoedenmodiste	Hoedenmodiste		1920-1930
Hoepelmaker	Hoepelmaker	Hoepelmaker		1920-1930
Hondenfokker			Hondenfokker	1909
Hoofd administratie			Hoofd administratie	1909
Hoogleeraar	Hoogleeraar	Hoogleeraar		1920-1930
Hoornopmaker			Hoornopmaker	1909
Horloge- en uurwerkmaker	Horloge- en uurwerkmaker			1930
Horlogemaker		Horlogemaker	Horlogemaker	1909-1920
Horlogenmaker			Horlogenmaker	1909
Hotel- en logementhouder			Hotel- en logementhouder	1909
Houder van schafthuizen			Houder van schafthuizen	1909
Houtbereider			Houtbereider	1909
Houtbewerker	Houtbewerker	Houtbewerker		1920-1930
Houtbewerker (hand)	Houtbewerker (hand)			1930
Houtbewerker (machinale)	Houtbewerker (machinale)	Houtbewerker (machinale)		1920-1930
Houtcementdekker			Houtcementdekker	1909
Houtdraaier		Houtdraaier	Houtdraaier	1909-1920
Houteementdekker			Houteementdekker	1909
Houtgranier			Houtgranier	1909
Houtgraveur	Houtgraveur	Houtgraveur		1920-1930
Houthakker	Houthakker	Houthakker		1920-1930
Houtkapperijarbeider		Houtkapperijarbeider		1920
Houtschiller	Houtschiller	Houtschiller		1920-1930
Houtslijper		Houtslijper		1920
Houtzager			Houtzager	1909
Houwer	Houwer	Houwer		1920-1930
Huiden- en vellenbereider	Huiden- en vellenbereider	Huiden- en vellenbereider		1920-1930
Huidenzouter			Huidenzouter	1909
Huisbediende			Huisbediende	1909
Huisbewaarder	Huisbewaarder	Huisbewaarder	Huisbewaarder	1909-1920-1930
Huishoudelijke diensten		Huishoudelijke diensten		1920
Huisnaaister	Huisnaaister	Huisnaaister		1920-1930
Huispersoneel	Huispersoneel	Huispersoneel		1920-1930
Hulparbeider	Hulparbeider			1930
Hulphouwer	Hulphouwer	Hulphouwer		1920-1930
Hulpvakarbeider	Hulpvakarbeider			1930
IJswerker		IJswerker		1920
Ijzervlechter	Ijzervlechter	Ijzervlechter		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
IJzerwerker	IJzerwerker	IJzerwerker		1920-1930
In dienst van een waterschap			In dienst van een waterschap	1909
Indamper		Indamper		1920
Informatie- en reisbureaux		Informatie- en reisbureaux		1920
Ingenieur	Ingenieur	Ingenieur	Ingenieur	1909-1920-1930
Inhoudsmatenmaker			Inhoudsmatenmaker	1909
Inmaker		Conserveerder en inmaker		1920
Inspecteur	Inspecteur, agent, enz.	Inspecteur		1920-1930
Instrumentmaker	Instrumentmaker	Instrumentmaker		1920-1930
Inzetter en stamper	Inzetter en stamper	Inzetter en stamper		1920-1930
Isolatiewerker		Isolatiewerker		1920
Ivoordraaier	Ivoordraaier	Ivoordraaier		1920-1930
Jachtopziener			Jachtopziener	1909
Jachtschipper	Jachtschipper	Jachtschipper		1920-1930
Jachtslachter			Jachtslachter	1909
Jager	Jager	Jager	Jager	1909-1920-1930
Jaloeziemaker	Jaloeziemaker	Jaloeziemaker		1920-1930
Journalist	Journalist	Journalist		1920-1930
Juridisch personeel	Juridisch personeel			1930
Kaasmaker	Kaasmaker	Kaasmaker		1920-1930
Kabel- en geisoleerd draadmaker	Kabel- en geisoleerd draadmaker	Kabel- en geisoleerd draadmaker		1920-1930
Kachelhoutmaker			Kachelhoutmaker	1909
Kachelmaker			Kachelmaker	1909
Kalanderaar	Kalanderaar	Kalanderaar		1920-1930
Kamerverhuurder			Kamerverhuurder	1909
Kammer		Kammer		1920
Kantoorpersoneel	Bedienend kantoorpersoneel	Bedienend kantoorpersoneel	Kantoorpersoneel	1909-1930
Kantwerker	Kantwerker	Kantwerker	Kantwerkster	1909-1920-1930
Kapokbewerker		Kapokbewerker		1920
Kapokzuiveraar		Kapokzuiveraar		1920
Kapper	Kapper	Kapper	Kapper	1909-1920-1930
Karverhuurder			Karverhuurder	1909
Kelderkistenmaker			Kelderkistenmaker	1909
Kelner	Kellner	Kellner	Kelner	1909-1920-1930
Kerkpersoneel	Kerkpersoneel	Kerkpersoneel		1920-1930
Kerkschilder			Kerkschilder	1909
Kernmaker	Kernmaker	Kernmaker		1920-1930
Kerver		Kerver		1920
Ketelmaker	Ketelmaker	Ketelmaker		1920-1930
Kettingscheerder	Kettingscheerder	Kettingscheerder		1920-1930
Keukenknecht		Keukenknecht		1920
Keukenpersoneel	Keukenpersoneel	Keukenpersoneel		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Keurder		Keurder		1920
Kiezelbreker			Kiezelbreker	1909
Kiezelgraver			Kiezelgraver	1909
Kiezelwerker		Kiezelwerker		1920
Kinderbewaarplaatspers oneel	Kinderbewaarplaatspers oneel	Kinderbewaarplaatspers oneel		1920-1930
Kistenmaker			Kistenmaker	1909
Kistenmaker (doodkisten)		Kistenmaker (doodkisten)		1920
Kistenmaker (hand)	Kistenmaker (hand)			1930
Kistenmaker (pakkisten)		Kistenmaker (pakkisten)		1920
Kistenmaker (sigarenkisten)		Kistenmaker (sigarenkisten)		1920
Kleefplakker		Kleefplakker		1920
Kleermaker			Kleermaker	1909
Kleermaker (confectie)	Kleermaker (confectie)			1930
Kleermaker (dames)		Kleermaker (dames)		1920
Kleermaker (heeren en dames)		Kleermaker (heeren en dames)		1920
Kleermaker (heeren)		Kleermaker (heeren)		1920
Kleermaker (maat)	Kleermaker (maat)			1930
Kleibewerker	Kleibewerker	Kleibewerker		1920-1930
Kleidelver		Kleidelver	Kleidelver	1909-1920
Kleivormer		Kleivormer		1920
Kleurder		Kleurder		1920
Klinker	Klinker	Klinker		1920-1930
Klinknagelmaker	Klinknagelmaker	Klinknagel-, houten en moerenmaker		1920-1930
Klompenmaker	Klompenmaker	Klompenmaker		1920-1930
Kloosterling	Kloosterling (geen beroep uitoefenend)	Kloosterling		1920-1930
Kloover		Kloover		1920
Knipster		Knipster		1920
Knoopenmaker		Knoopenmaker		1920
Koetsier	Koetsier	Koetsier		1920-1930
Koetsier en stalpersoneel	Koetsier en stalpersoneel			1930
Koffermaker	Koffermaker	Koffermaker	Koffermaker	1909-1920-1930
Koffiebrander	Koffiebrander	Koffiebrander	Koffiebrander	1909-1920-1930
Koffiehuishouder			Koffiehuishouder	1909
Koffiepeller			Koffiepeller	1909
Koffieverlezer	Koffieverlezer			1930
Kok	Kok	Kok	Kok	1909-1920-1930
Koker	Koker	Koker		1920-1930
Kolenbrander			Kolenbrander	1909
Kolenlosser		Kolenlosser		1920
Kooiker			Kooiker	1909
Kookapparatenarbeider		Kookapparatenarbeider		1920
Kookketelarbeider		Kookketelarbeider		1920
Koopman		Koopman	Koopman	1909-1920
Koordvlechter	Koordvlechter	Koordvlechter		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Koperbewerker	Koperbewerker	Koperbewerker		1920-1930
Koperdraaier		Koperdraaier	Koperdraaier	1909-1920
Koperpletter			Koperpletter	1909
Koperslager	Koperslager	Koperslager		1920-1930
Koperwerker	Koperwerker	Koperwerker		1920-1930
Korist	Korist	Korist		1920-1930
Kramer	Kramer	Kramer	Kramer	1909-1920-1930
Kribwerker			Kribwerker	1909
Kuip- en perswerker		Kuip- en perswerker		1920
Kuiper	Kuiper	Kuiper	Kuiper	1909-1920-1930
Kunstlakker			Kunstlakker	1909
Kunstmestbereider		Kunstmestbereider		1920
Kunstnaaldwerker	Kunstnaaldwerker			1930
Kunstschilder	Kunstschilder	Kunstschilder		1920-1930
Kurkenmaker	Kurkenmaker			1930
Kurksnijder		Kurksnijder		1920
Kustvisscher	Zee- en kustvisscher	Kustvisscher		1920-1930
Kwastenmaker	Kwastenmaker	Kwastenmaker		1920-1930
Lak- en vernisstoker		Lak- en vernisstoker		1920
Lakker	Lakker	Lakker		1920-1930
Moffelaar	Lakker en moffelaar	Lakker en Moffelaar		1920-1930
Schoopeerder	Lakker, moffelaar en schoopeerder			1930
Lampenist	Lampenist	Lampenist		1920-1930
Lampenkappenmaker	Lampekappenmaker	Lampenkappenmaker		1920-1930
Lampenmontagearbeider		Lampenmontagearbeider		1920
Landbouwarbeider	Landbouwarbeider	Landbouwarbeider		1920-1930
Landbouwer			Landbouwer	1909
Landmeter	Landmeter	Landmeter		1920-1930
Lasscher	Lasscher	Lasscher		1920-1930
Lederbewerker	Lederbewerker			1930
Leeraar	Leeraar			1930
Leeraar MO		Leeraar MO		1920
Legger		Legger		1920
Lettergieter	Lettergieter	Lettergieter	Lettergieter	1909-1920-1930
Letterkundige	Letterkundige, dichter, enz.	Letterkundige		1920-1930
Dichter	Letterkundige, dichter, enz.			1930
Lichtdrukker	Lichtdrukker	Lichtdrukker		1920-1930
Lid Hooge Colleges van Staat, enz.	Lid Hooge Colleges van Staat, enz.	Lid hooge colleges van Staat, enz		1920-1930
Liftbediende		Liftbediende		1920
Lijmafwerker		Lijmafwerken		1920
Lijmer		Lijmer		1920
Lijnbewerker	Lijnbewerker	Lijnbewerker		1920-1930
Lijstenmaker		Lijstenmaker		1920
Likeurstoker		Likeurstoker		1920
Lingerienaaister	Lingerienaaister	Lingerienaaister		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Linieerder		Linieerder		1920
Linnen- en vertelnaaier			Linnen- en vertelnaaier	1909
Linoleummaker	Linoleummaker	Linoleummaker		1920-1930
Liquidatiekaspersoneel			Liquidatiekaspersoneel	1909
Lithograaf	Lithograaf	Lithograaf		1920-1930
Locomotiefmachinist		Locomotiefmachinist		1920
Locomotiefmachinist (ondergrondsch)	Locomotiefmachinist (ondergrondsch)			1930
Locomotiefpersoneel	Locomotiefpersoneel			1930
Lompenbewerker		Lompenbewerker		1920
Lompenbewerker (kunstwolmalerij)	Lompenbewerker (kunstwolmalerij)			1930
Lompenmaler		Lompenmaler		1920
Lompenmaler (kunstwolmalerij)		Lompenmaler (kunstwolmalerij)		1920
Lompensorteerder		Lompensorteerder		1920
Lompensorteerder (kunstwolmalerij)		Lompensorteerder (kunstwolmalerij)		1920
Loodbrander		Loodbrander		1920
Loodgieter			Loodgieter	1909
Loodpletter			Loodpletter	1909
Loodplotter			Loodplotter	1909
Loods- en seinpersoneel	Loods- en seinpersoneel	Loods- en seinpersoneel	Loods- en seinwezen	1909-1920-1930
Loogbereider		Loogbereider		1920
Looier		Looier		1920
Looper	Looper	Looper		1920-1930
Loopknecht en besteller	Loopknecht en besteller	Loopknecht en besteller		1920-1930
Los werkman		Los werkman	Losse werklieden	1909-1920
Lucifersmaker		Lucifersmaker		1920
Maalderijarbeider		Maalderijarbeider		1920
Maalwerktuigenarbeider		Maalwerktuigenarbeider		1920
Machinedrukker	Machinedrukker			1930
Machinekamerpersoneel	Machinekamerpersoneel	Machinekamerpersoneel		1920-1930
Machinepersoneel		Machinepersoneel		1920
Machinestrijkster	Machinestrijkster	Machinestrijkster		1920-1930
Machinezetter	Machinezetter	Machinezetter		1920-1930
Machinist	Machinist	Machinist	Machinist	1909-1920-1930
Magazijn- en pakhuispersoneel	Magazijn- en pakhuispersoneel			1930
Magazijnpersoneel	Magazijnpersoneel	Magazijnpersooneel		1920-1930
Magnesietmolenaar			Magnesietmolenaar	1909
Makelaar			Makelaar	1909
Maler		Maler		1920
Maler en menger		Maler en menger		1920
Mandenmaker	Mandenmaker	Mandenmaker		1920-1930
Mangelarbeider		Mangelarbeider	Mangellieden	1909-1920
Manicure	Manicure			1930
Marconist	Marconist			1930
Marinewerven		Marinewerven		1920

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Masseur	Masseur, heilgymnastieker en magnetiseur	Masseur		1920-1930
Masseur, heilgymnastieker en magnetiseur	Masseur, heilgymnastieker en magnetiseur			1930
Matrassenmaker	Bedden- en matrassenmaker	Matrassenmaker		1920-1930
Mattenmaker	Mattenmaker	Mattenmaker		1920-1930
Mattenvlechter	Mattenvlechter	mattenvlechter		1920-1930
Mecanicien	Mecanicien	Meeanicien		1920-1930
Meelmolenaaar		Meelmolenaaar		1920
Meesterknecht	Meesterknecht	Meesterknecht		1920-1930
Meleerder	Meleerder	Meleerder		1920-1930
Melkboer			Melkboer	1909
Melkcontroleur	Melkcontroleur	Melkcontroleur		1920-1930
Melkinrichtingen (personeel in)			Melkinrichtingen (personeel in)	1909
Melkontvanger	Melkontvanger	Melkontvanger		1920-1930
Menger, wasscher, regenereerder	Menger, wasscher, regenereerder			1930
Mengkamerarbeider (weegkamer)		Mengkamerarbeider (weegkamer)		1920
Mengzaal-, duivelkamer-, kraskamerarbeider	Mengzaal-, duivelkamer-, kraskamer-arbeider	Mengzaal-, duivelkamer-, kraskamerarbeider		1920-1930
Mergelblokbreker	Mergelblokbreker	Mergelblokbreker	Mergelblokbreker	1909-1920-1930
Merkzaalarbeider		Merkzaalarbeider		1920
Metaalbewerker	Metaalbewerker	Metaalbewerker		1920-1930
Metaalbewerker (machinale)	Metaalbewerker (machinale)	Metaalbewerker (machinale)		1920-1930
Metaalgieter	Metaalgieter	Metaalgieter		1920-1930
Metaalsmelter	Metaalsmelter	Metaalsmelter		1920-1930
Meterbeproever	Meterbeproever	Meterbeproever		1920-1930
Metselaar	Metselaar	Metselaar	Metselaar	1909-1920-1930
Meubelmaker	Meubelmaker	Meubelmaker		1920-1930
Meubelstoffeerder	Meubelstoffeerder			1930
Mijnwerker	Mijnwerker	Mijnwerker		1920-1930
Militair (landmacht)	Militair (landmacht)	Militair (landmacht)		1920-1930
Militair (zeemacht)	Militair (zeemacht)	Militair (Zeemacht)		1920-1930
Model- en vormmaker	Model- en vormmaker	Model- en vormmaker		1920-1930
Modelmaker	Modelmaker	Modelmaker	Modelmaker	1909-1920-1930
Modiste			Modiste	1909
Molenbaas	Molenbaas	Molenbaas		1920-1930
Molenmaker			Molenmaker	1909
Molensteenmaker		Molensteenmaker		1920
Mollenvanger			Mollenvanger	1909
Montage-arbeider	Montage-arbeider	Montagearbeider		1920-1930
Monteur	Monteur	Monteur		1920-1930
Mosselvisscher			Mosselvisscher	1909

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Mouterijarbeider	Mouterijarbeider	Mouterijarbeider		1920-1930
Moutwijnwerker		Moutwijnwerker		1920
Muizenvallenmaker			Muizenvallenmaker	1909
Mutsenmaakster	Mutsenmaakster	Mutsenmaakster		1920-1930
Mutsenwasscher			Mutsenwasscher	1909
Muziekinstrumentmaker	Muziekinstrumentmaker			1930
Muziekonderwijzer	Muziekonderwijzer			1930
Naaikamerarbeider		Naaikamerarbeider		1920
Naaister	Naaister	Naaister		1920-1930
Naalden- en speldenmaker	Naalden- en speldenmaker	Naalden en speldenmaker		1920-1930
Naaldwerker		Naaldwerker		1920
Nageljongen	Nageljongen			1930
Natwasscherijarbeider		Natwasscherijarbeider		1920
Nettenboeter	Nettenboeter			1930
Nikkelaar		Nikkelaar		1920
Nortonpijpmaker			Nortonpijpmaker	1909
Notariaat		Notariaat		1920
Notaris	Notaris	Notaris		1920-1930
Obliënbakker			Obliënbakker	1909
Oester- en mosselvisscher	Oester- en mosselvisscher			1930
Oesterputhouder			Oesterputhouder	1909
Oesterwerker	Oesterwerker	Oesterwerker		1920-1930
Officier	Officier	Officier		1920-1930
Oliebewerker		Oliebewerker		1920
Oliebollenbakker			Oliebollenbakker	1909
Olieperser		Olieperser		1920
Oliezuiveraar		Oliezuiveraar		1920
Omroeper en ander personeel	Omroeper en ander personeel			1930
Ondergrondsche arbeider		Ondergrondsche arbeider		1920
Onderhoudspersoneel		Onderhoudspersoneel		1920
Onderhoudspersoneel van rollend materieel	Onderhoudspersoneel van rollend materieel			1930
Onderhoudspersoneel van weg en werken	Onderhoudspersoneel van weg en werken	Onderhoudspersoneel van weg en werken		1920-1930
Ondernemer stoombootdienst			Ondernemer stoombootdienst	1909
Onderwijsinspecteur		Onderwijsinspecteur		1920
Onderwijzer	Onderwijzer			1930
Onderwijzer (overig onderwijs)		Onderwijzer (overig onderwijs)		1920
Ongeschoold personeel	Ongeschoold personeel	Ongeschoold personeel		1920-1930
Ontginningsarbeider	Ontginningsarbeider	Ontginningsarbeider		1920-1930
Ontsmetter	Ontsmetter			1930
Ontvetter		Ontvetter		1920
Ontwikkelaar	Ontwikkelaar			1930
Openaar	Openaar en bandvormer	Openaar		1920-1930
Opera- en concertzanger	Opera- en concertzanger			1930
Ophaalmachinist	Ophaalmachinist	Ophaalmachinist		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Opmaker	Opmaker	Opmaker		1920-1930
Opperman en bouwvaksjouwer	Opperman- en bouwvaksjouwer	Opperman en bouwsjouwer		1920-1930
Opticien	Opticien	Opticien		1920-1930
Opzetter van dieren			Opzetter van dierem	1909
Opzetter van vogels			Opzetter van vogels	1909
Orgelmaker	Orgelmaker	Orgelmaker		1920-1930
Ornamenteur	Ornamenteur	Ornamenteur		1920-1930
Oud-papier- en lompenbewerker		Oud-papier- en lompenbewerker		1920
Oven- en giethalarbeider	Oven- en giethalarbeider			1930
Ovenpersoneel	Ovenpersoneel	Ovenpersoneel		1920-1930
Ovenstoker	Ovenstoker	Ovenstoker		1920-1930
Ovenwerker		Ovenwerker		1920
Overleersnijder		Overleersnijder		1920
Paardenfokker			Paardenfokker	1909
Paardenscheerder			Paardenscheerder	1909
Paardenslachter			Paardenslachter	1909
Pakker		Pakker		1920
Papierafwerker		Papierafwerker		1920
Papierbewerker	Papierbewerker	Papierbewerker		1920-1930
Papiermachinearbeider		Papiermachinearbeider		1920
Papiersnijder		Papiersnijder		1920
Papiersorteerder		Papiersorteerder		1920
Paraplumaker	Parapluiemaker	Paraplumaker		1920-1930
Parketvloerenlegger	Parketvloerenlegger			1930
Passementwerker	Passementwerker	Passementwerker		1920-1930
Pasteuriseur	Pasteuriseur	Pasteuriseur		1920-1930
Pedicure		Pedicure		1920
Pekarbeider		Pekarbeider		1920
Pekker	Pekker	Pekker		1920-1930
Peller en maler		Peller en maler		1920
Pen- en penseelwerker	Pen- en penseelwerker	Pen- en penseelwerker		1920-1930
Pensionhouder			Pensionhouder	1909
Perser	Perser	Perser		1920-1930
Personeel in de werkplaats			Personeel in de werkplaats	1909
Personeel voor lading en lossing			Personeel voor lading en lossing	1909
Pettenmaker	Pettenmaker	Hoeden en pettenmaker		1920-1930
Pharmacentrisch personeel		Pharmacentrisch personeel		1920
Photolithografen			Photolithografen	1909
Photometriearbeider		Photometriearbeider		1920
Pianomaker	Pianomaker	Pianomaker		1920-1930
Pianostemmer	Pianostemmer	Pianostemmer	Pianostemmer	1909-1920-1930
Pijpenbuiger	Pijpenbuiger	Pijpenbuiger		1920-1930
Pijpenmaker	Pijpenmaker	Pijpenmaker		1920-1930
Pijpenmonteur	Pijpenmonteur	Pijpenmonteur		1920-1930
Pinteelschilder			Pinteelschilder	1909

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Plaatdrukker	Plaatdrukker	Plaatdrukker	Plaatdrukker	1909-1920-1930
Plaatwerker	Plaatwerker	Plaatwerker		1920-1930
Plakkerijarbeider	Plakkerijarbeider	Plakkerijarbeider		1920-1930
Planter			Planter	1909
Plantsoenwerker			Plantsoenwerker	1909
Plateelschilder			Plateelschilder	1909
Platengieter	Platengieter	Platengieter		1920-1930
Pleisteraar			Pleisteraar	1909
Pletter	Pletter	Pletter		1920-1930
Plisseerster	Plisseerster	Plisseerster		1920-1930
Plooier		Plooier		1920
Pluimgraver			Pluimgraver	1909
Pluizer		Pluizer		1920
Poaser		Poaser		1920
Poedermaker	Poedermaker	poedermaker		1920-1930
Poelier			Poelier	1909
Poetser		Poetser		1920
Poetserijarbeider		Poetserijarbeider		1920
Poffertjesbakker			Poffertjesbakker	1909
Polijster		Polijster		1920
Politie	Politie	Politie		1920-1930
Politoerder	Politoerder	Politoerder		1920-1930
Polychromeur			Polychromeur	1909
Pompboorder	Pompboorder	Pompboorder		1920-1930
Pomperijarbeider		Pomperijarbeider		1920
Pompmachinist	Pompmachinist	Pompmachinist		1920-1930
Ponser	Ponser	Ponser		1920-1930
Pootmeester			Pootmeester	1909
Porseleinschilder			Porseleinschilder	1909
Portier	Portier			1930
Proefdrukker		Proefdrukker		1920
Radiotelegrafist	Radiotelegrafist			1930
Rasper		Rasper		1920
Rechter	Rechter, ambtenaar Openbaar Ministerie	Rechter		1920
Ambtenaar Openbaar Ministerie	Rechter, ambtenaar Openbaar Ministerie			1930
Rechtskundig adviseur	Rechtskundig adviseur	Rechtskundig adviseur		1920-1930
Reclasseeringspersoneel		Reclasseeringspersoneel		1920
Reclasseringspersoneel	Reclasseringspersoneel			1930
Redactiepersoneel	Redactiepersoneel			1930
Regenereerder		Regenereerder		1920
Reinigingsdienstarbeider	Reinigingsdienstarbeider	Reinigingsdienstarbeider		1920-1930
Reiziger	Reiziger	Commissionnairs, reizigers, agenten, enz	Reiziger	1909-1920-1930
Reparateur van antiquiteiten			Reparateur van antiquiteiten	1909
Reparateur van porcelein			Reparateur van porcelein	1909
Reproductie fotograaf	Reproductie fotograaf			1930
Reproductiefotograaf		Reproductiefotograaf		1920

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Restaurateur			Restaurateur	1909
Restaurateur van schilderijen			Restaurateur van schilderijen	1909
Riet en rotanbewerker		Riet en rotanbewerker		1920
Rietmeubelmaker	Rietmeubelmaker	Rietmeubelmaker		1920-1930
Rijswerker	Rijswerker	Rijswerker		1920-1930
Rijtuigbekleeder			Rijtuigbekleeder	1909
Rijtuigverhuurder			Rijtuigverhuurder	1909
Rijwiel- en autobandenmaker	Rijwiel- en autobandenmaker	Rijweilbandenmaker		1920-1930
Ringer	Ringer			1930
Ringspinner		Ringspinner		1920
Riviervisscher			Riviervisscher	1909
Roodverver			Roodverver	1909
Rooker	Rooker	Rooker		1920-1930
Rooker, inmaker en zouter	Rooker, inmaker en zouter			1930
Roosjesslijper		Roosjesslijper		1920
Roosjessnijder		Roosjessnijder		1920
Roosjesversteller		Roosjesversteller		1920
Rottingvlechter			Rottingvlechter	1909
Rubbermenger		Rubbermenger		1920
Rubbersnijder en -draaier		Rubbersnijder en -draaier		1920
Rubberwascher		Rubberwascher		1920
Ruwer		Ruwer		1920
Samensteller		Samensteller		1920
Sanitaire politie		Sanitaire politie		1920
Satineerder		Satineerder		1920
Schaapherder			Schaapherder	1909
Schakelbordwachter	Schakelbordwachter	Schakelbordwachter		1920-1930
Schapenhouder			Schapenhouder	1909
Scharenslijper			Scharenslijper	1909
Schaver	Schaver	Schaver		1920-1930
Scheepsbeschieter	Scheepsbeschieter	Scheepsbeschieter		1920-1930
Scheepsjager	Scheepsjager	Scheepsjager		1920-1930
Scheepsmaker			Scheepsmaker	1909
Scheepsschilder	Scheepsschilder			1930
Scheepsslooper		Scheepsslooper		1920
Scheepstimmerman	Scheepstimmerman	Scheepstimmerman		1920-1930
Scheepsvolk			Scheepsvolk	1909
Scheepswerven		Scheepswerven		1920
Schelpenvisscher	Schelpenvisscher	Schelpenvisscher	Schelpenvisscher	1909-1920-1930
Schietmeester	Schietmeester	Schietmeester		1920-1930
Schijvenschuurder		Schijverschuurder	Schijvenschuurder	1909-1920
Schilder	Schilder	Schilder	Schilder	1909-1920-1930
Schipper	Schipper	Schipper		1920-1930
Schoenmaker		Schoenmaker		1920
Schoenpoetser			Schoenpoetser	1909
Schoonmaker	Glazenwasscher en schoonmaker			1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Schoopeerder	Schoopeerder			1930
Schoorsteenveger	Schoorsteenveger	Schoorsteenveger	Schoorsteenveger	1909-1920-1930
Schorsmaler	Schorsmaler	Schorsmaler		1920-1930
Schuurder	Schuurder	Schuurder		1920-1930
Seingever		Seingever		1920
Seingever (bovengrondsch)	Seingever (bovengrondsch)			1930
Seingever (ondergrondsch)	Seingever (ondergrondsch)			1930
Selfactorspinner		Selfactorspinner		1920
Separatiearbeider		Separatiearbeider		1920
Sigarenmaker	Sigarenmaker	Sigarenmaker		1920-1930
Sigarensorteerder	Sigarensorteerder			1930
Sigarettenmaker	Sigarettenmaker	Sigarettenmaker		1920-1930
Sjouwer en transportarbeider	Sjouwer en transportarbeider	Sjouwer en transportarbeider		1920-1930
Sjouwer, haven- en transportarbeider	Sjouwer, haven- en transportarbeider			1930
Slaapsteehouder			Slaapsteehouder	1909
Slager	Slager	Slager		1920-1930
Sleeper	Sleeper	Sleeper		1920-1930
Slemptafelarbeider		Slemptafelarbeider		1920
Slijper	Slijper	Slijper		1920-1930
Slijper, polijster en bruineerder	Slijper en polijster	Slijper, polijster en bruineerder		1920-1930
Slooper	Slooper	Slooper		1920-1930
Sluis- en havenpersoneel	Sluis- en havenpersoneel	Sluis- en havenpersoneel		1920-1930
Sluismeester			Sluismeester	1909
Smelter	Eerste smelter	Smelter		1920-1930
Smeltpannenarbeider		Smeltpannenarbeider		1920
Smid	Smid	Smid	Smid	1909-1920-1930
Snarenmaker	Snarenmaker	Snarenmaker		1920-1930
Snijder		Snijder		1920
Snijderij-, drogerij- en persterijarbeider		Snijderij-, drogerij- en persterijarbeider		1920
Sorteerder		Sorteerder		1920
Sorteerderarbeider	Sorteerderijarbeider	Sorteerderarbeider		1920-1930
Spaarbankhouder			Spaarbankhouder	1909
Spalferijarbeider		Spalferijarbeider		1920
Specerijenmolenaar			Specerijenmolenaar	1909
Specerijmaler		Specerijmaler		1920
Speelster	Speetster	Speelster		1920
Spijkermaker	Spijkermaker	Spijkermaker		1920-1930
Spinner	Spinner	Spinner		1920-1930
Spinner (roltabak)		Spinner (roltabak)		1920
Spinnerijarbeider	Spinnerijarbeider	Spinnerarbeider		1920-1930
Spinpijpenmaker			Spinpijpenmaker	1909
Spirituswerker		Spirituswerker		1920
Spoeler	Spoeler	Spoeler		1920-1930
Spoeler en twijner	Spoeler en twijner			1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Spoorwegarbeider		Spoorwegarbeider		1920
Spreaderarbeider		Spreaderarbeider		1920
Spuiter		Spuiter		1920
Staaldraadkabelmaker	Staaldraadkabelmaker			1930
Stalknecht	Stalknecht	Stalknecht	Stalbediende	1909-1920-1930
Stalpersoneel		Stalpersoneel		1920
Stamper		Stamper		1920
Stationspersoneel	Stationspersoneel	Stationspersoneel	Stationspersoneel	1909-1920-1930
Steenbreker			Steenbreker	1909
Steendrukker	Steendrukker	Steendrukker	Steendrukker	1909-1920-1930
Steenhouwer	Steenhouwer	Steenhouwer		1920-1930
Steenklopper			Steenklopper	1909
Steenslijper	Steenslijper	Steenslijper		1920-1930
Steenzager	Steenzager	Steenzager		1920-1930
Steenzetter	Steenzetter	Steenzetter		1920-1930
Stempelaar		Stempelaar		1920
Stereotypeur	Stereotypeur	Stereotypeur		1920-1930
Steriliseur	Steriliseur	Steriliseur		1920-1930
Sterker	Sterker	Sterker	Sterkerij	1909-1920-1930
Stijfmaker		Stijfmaker		1920
Stijger		Stijger		1920
Stikkerijarbeider		Stikkerijarbeider		1920
Stoelenmaker	Stoelenmaker	Stoelenmaker		1920-1930
Stoelenmatter	Stoelenmatter	Stoelenmatter	Stoelenmatter	1909-1920-1930
Stoffeerder	Stoffeerder	Stoffeerder		1920-1930
Stofzuigersexploitant			Stofzuigersexploitant	1909
Stoker	Stoker	Stoker	Stoker	1909-1920-1930
Stokerijpersoneel	Stokerijpersoneel	Stokerijpersoneel		1920-1930
Stokvischbeuker	Stokvischbeuker	Stokvischbeuker	Stokvischbeuker	1909-1920-1930
Stopster	Stopster, nopster	Stopster		1920-1930
Stopster, nopster	Stopster, nopster			1930
Straatmaker	Straatmaker	Straatmaker	Straatmaker	1909-1920-1930
Strijker			Strijker	1909
Strijkster	Strijkster	Strijkster		1920-1930
Stripper		Stripper		1920
Stroohulzenmaker	Stroohulzenmaker	Stroohuizenmaker		1920-1930
Stucadoor	Stucadoor	Stukadoor		1920-1930
Stutter	Stutter	Stutter		1920-1930
Suikerkoker	Suikerkoker	Suikerkoker		1920-1930
Suikerraffinadeur			Suikerraffinadeur	1909
Taander	Taander	Taander		1920-1930
Tabakbewerker	Tabakbewerker		Tabaksbewerker	1909-1930
Tabakskerver	Tabakskerver			1930
Tabaksorteerder	Tabaksorteerder			1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Tabaksplanter			Tabaksplanter	1909
Tabakstripper	Tabakstripper			1930
Tabakswerker		Tabakswerker		1920
Tandarts	Tandarts	Tandarts		1920-1930
Tandtechniker	Tandtechniker	Tandtechniker		1920-1930
Tapijtklopper			Tapijtklopper	1909
Tapijtknooper	Tapijtknooper	Tapijtknooper		1920-1930
Tapijtreiniger			Tapijtreiniger	1909
Taxateur	Taxateur, enz.			1930
Technicus		Technicus		1920
Technisch personeel	Technisch personeel	Technisch personeel		1920-1930
Technische rubberartikelenvervaardiger	Technische rubberartikelenvervaardiger	Technische rubberartikelenvervaardiger		1920-1930
Teekenaar	Teekenaar	Teekenaar		1920-1930
Tegelschilder			Tegelschilder	1909
Telefonist	Telefonist	Telefonist		1920-1930
Telefoon- en telegraaflijnaanleg			Telefoon- en telegraaflijnaanleg	1909
Telegrafist	Telegrafist	Telegrafist		1920-1930
Telegrambesteller	Telegrambesteller	Telegrambesteller		1920-1930
Theesorteerder	Theesorteerder			1930
Timmerman	Timmerman	Timmerman	Timmerman	1909-1920-1930
Tingieter			Tingieter	1909
Tolk	Tolk, translateur	Tolk		1920-1930
Tolpersoneel	Tolpersoneel		Tolpersoneel	1909-1930
Tooneelspeler	Tooneelspeler	Tooneelspeler		1920-1930
Toonkunstenaar	Toonkunstenaar	Toonkunstenaar		1920-1930
Torpedomaker			Torpedomaker	1909
Touwbaas		Touwbaas		1920
Touwer		Touwer		1920
Touwslager	Touwslager	Touwslager		1920-1930
Trampersoneel	Trampersoneel			1930
Translateur	Tolk, translateur	Translateur		1920-1930
Treinpersoneel	Treinpersoneel	Treinpersoneel	Treinpersoneel	1909-1920-1930
Trekker	Trekker	Trekker		1920-1930
Tuiger	Tuiger	Tuiger		1920-1930
Tuinarchitect		Tuinarchitect		1920
Tuinbouwarbeider	Tuinbouwarbeider	Tuinbouwarbeider		1920-1930
Tuinman	Tuinman	Tuinman		1920-1930
Turfbaggerman (korte turf)		Turfbaggerman (korte turf)		1920
Turfgraver (lange turf)		Turfgraver (lange turf)		1920
Turflegger (lange turf)		Turflegger (lange turf)		1920
Twijgensorteerder		Twijgensorteerder		1920
Twijner		Twijner		1920
Uitgever			Uitgever	1909
Uitsnijder			Uitsnijder	1909
Vakvereenigingspersoneel	Vakvereenigingspersoneel e.d.	Vakvereenigingspersoneel		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Variete-artist	Variete-artist	Variété-artist ed		1920-1930
Varkensfokker			Varkensfokker	1909
Veearts	Veearts	Veearts		1920-1930
Veefokker			Veefokker	1909
Veenarbeider	Veenarbeider			1930
Veenarbeider (korte turf)		Veenarbeider (korte turf)		1920
Veerenbereider		Veerenbereider		1920
Veeverloskundige			Veeverloskundige	1909
Veevoedermaker		Veevoedermaker		1920
Vellenblooter			Vellenblooter	1909
Venter		Venter	Venter	1909-1920
Venter en opkooper	Venter en opkooper			1930
Verdichtingsmachinearbeider		Verdichtingsmachinearbeider		1920
Verfmaler (droge verf)		Verfmaler (droge verf)		1920
Verfmaler (olieverf)		Verfmaler (olieverf)		1920
Vergulder	Vergulder	Vergulder	Vergulder	1909-1920-1930
Verhuurder		Verhuurder		1920
Verhuurder van handwagens			Verhuurder van handwagens	1909
Verlakker			Verlakker	1909
Verlezer		Verlezer		1920
Verlofganger		Verlofganger		1920
Verloskundige (geen arts)		Verloskundige (geen arts)		1920
Vermicellibewerker		Vermicellibewerker		1920
Vernisser		Vernisser		1920
Verpleegster	Verpleegster			1930
Verplegend personeel	Verplegend personeel	Verplegend personeel	Verplegend personeel	1909-1920-1930
Verpleger	Verpleger			1930
Verpleging van armen, behoeftigen, enz		Verpleging van armen, behoeftigen, enz		1920
Verpleging van zieken (mensch en dier)		Verpleging van zieken (mensch en dier)		1920
Verstekker		Verstekker		1920
Verstelster		Verstelster		1920
Vertegenwoordiger	Vertegenwoordiger			1930
Vervener			Vervener	1909
Ververijarbeider	Ververijarbeider	Ververijarheider		1920-1930
Vervoerder van goederen en levende dieren		Vervoerder van goederen en levende dieren		1920
Vijlenkapper	Vijlenkapper			1930
Vijlenmaker			Vijlenmaker	1909
Vioolmaker	Vioolmaker	Vioolmaker		1920-1930
Visboer			Visboer	1909
Vischbakker	Vischbakker	Vischbakker	Vischbakster	1909-1920-1930
Vischdroger			Vischdroger	1909
Vischhakenmaker			Vischhakenmaker	1909
Vischkweeker		Vischkweeker		1920
Vischkweekersknecht	Vischkweekersknecht			1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Vischrooker			Vischrooker	1909
Vischschoonmaakster			Vischschoonmaakster	1909
Vischsnijdster			Vischsnijdster	1909
Vischzouter			Vischzouter	1909
Vlasarbeider	Vlasarbeider	Vlasarbeider		1920-1930
Vlasboer			Vlasboer	1909
Vleeschhouwer			Vleeschhouwer	1909
Vleeschrooker			Vleeschrooker	1909
Vleeschzouter		Vleeschzouter		1920
Vleesschouwer			Vleesschouwer	1909
Vliegenier	Vliegenier	Vliegenier		1920-1930
Vliegtuigmonteur	Vliegtuigmonteur			1930
Vloerlegger	Vloerlegger	Vloerlegger		1920-1930
Vloerzeilmaker	Vloerzeilmaker	Vloerzeilmaker		1920-1930
Vochter		Vochter		1920
Voeger	Voeger	Voeger		1920-1930
Voerman	Voerman	Voerman	Voerman	1909-1920-1930
Voerman en besteller	Voerman en besteller			1930
Voerman en handlanger (ondergrondsch)	Voerman en handlanger (ondergrondsch)			1930
Vogelkooimaker			Vogelkooimaker	1909
Vogelkweeker			Vogelkweeker	1909
Vogelvanger			Vogelvanger	1909
Voller		Voller		1920
Voordrachtkunstenaar	Voordrachtkunstenaar			1930
Voorlezer			Voorlezer	1909
Voorlieden			Voorlieden	1909
Voorman en besteller	Voorman en besteller			1930
Voorspinner		Voorspinner		1920
Voorwerker			Voorwerker	1909
Vormer	Vormer	Vormer		1920-1930
Vouwster		Vouwster		1920
Vroedvrouw	Vroedvrouw			1930
Vulcaniseur	Vulcaniseur	Vuleaniseur		1930
Vuller en inpakker		Vuller en inpakker		1920
Vuurwerker	Vuurwerker			1930
Vuurwerkmaker		Vuurwerkmaker	Vuurwerkmaker	1909-1920
Wafelbakker			Wafelbakker	1909
Wagenmaker	Wagenmaker	Wagenmaker		1920-1930
Wagenverhuurder			Wagenverhuurder	1909
Wagenvoerder-conducteur	Wagenvoerder-conducteur	Wagenvoerder-conducteur		1920-1930
Warmoezier			Warmoezier	1909
Waschknecht	Waschknecht	Waschknecht		1920-1930
Waskaarsenmaker		Waskaarsenmaker		1920
Wasscherijpersoneel	Wasscherijpersoneel	Wasscherijpersoneel		1920-1930
Wasserij- en bleekerijarbeider	Wasscherij- en bleekerijarbeider	Wasserij- en bleekerijarbeider		1920-1930
Watergasbereider	Watergasbereider	Watergasbereider		1920-1930
Waterreinigingsarbeider	Waterreinigingsarbeider	Waterreiniginsarbeider		1920-1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Wattenmaker		Wattenmaker		1920
Weger		Weger		1920
Wegwerker		Wegwerker	Wegpersoneel	1909-1920
Wegwerker (onderhoud)	Wegwerker (onderhoud)			1930
Wei-, ondermelk- en karnemelktapper	Wei-, ondermelk- en karnemelktapper	Wei-, ondermelk- en karnemelktapper		1920-1930
Werktuigbediende	Werktuigbediende	Werktuigbediende		1920-1930
Werktuigkundige			Werktuigkundige	1909
Wetenschappelijk personeel	Wetenschappelijk personeel	Wetenschappelijk personeel		1920-1930
Wever	Wever	Wever		1920-1930
Wielenmaker			Wielenmaker	1909
Wiervisscher		Wiervisscher	Wiervisscher	1909-1920
Wikkelaar	Wikkelaar	Wikkelaar		1920-1930
Winkelbediende	Winkelbediende	Winkelbediende		1920-1930
Winkelier		Winkelier	Winkelier	1909-1920
Witter		Witter		1920
Wolbereider			Wolbereider	1909
Wolkammer	Wolkammer	Wolkammer		1920-1930
Wolsorteerder		Wolsorteerder		1920
Wolwasscher	Wolwasscher	Wolwasscher	Wolwasscher	1909-1920-1930
Worstmaker	Worstmaker	Worstmaker		1920-1930
Zaadreiniger en pletter		Zaadreiniger en pletter		1920
Zaadteler	Zaadteler			1930
Zadelmaker	Zadelmaker	Zadelmaker	Zadelmaker	1909-1920-1930
Zager	Zager	Zager		1920-1930
Zager en schaver		Zager en schaver		1920
Zakkenmaker	Zakkenmaker	Zakkenmaker		1920-1930
Zakkennaaier	Zakkennaaier		Zakkennaaister	1909-1930
Zalmdrijver			Zalmdrijver	1909
Zalmvisscher		Zalmvisscher	Zalmvisscher	1909-1920
Zandgraver			Zandgraver	1909
Zandstraalblazer	Zandstraalblazer			1930
Zandteler		Zandteler		1920
Zandwasscher			Zandwasscher	1909
Zandwerker		Zandwerker	Zandwerker	1909-1920
Zanger		Zanger		1920
Zeehondenvanger			Zeehondenvanger	1909
Zeevisscher	Zee- en kustvisscher	Zeevisscher	Zeevisscher	1909-1920-1930
Zegenbaas			Zegenbaas	1909
Zeilmaker	Zeilmaker	Zeilmaker	Zeilmaker	1909-1920-1930
Zendeling			Zendeling	1909
Zetter-drukker	Zetter-drukker	Zetter-drukker		1920-1930
Zevenmaker			Zevenmaker	1909
Zever		Zever		1920
Zeverijpersoneel	Zeverijpersoneel	Zeverijpersoneel		1920-1930
Zieder		Zieder		1920
Zieder en kruier	Zieder en kruier			1930

BEROEPENLIJST ALL	BEROEPENLIJST 1930	BEROEPENLIJST 1920	BEROEPENLIJST 1909	present in
Ziederijarbeider		Ziederijarbeider		1920
Zijdedrukker			Zijdedrukker	1909
Zilverdraaier	Zilverdraaier	Zilverdraaier		1920-1930
Zinkhersmelter	Zinkhersmelter	Zinkhersmeller		1920-1930
Zinkovenarbeider	Zinkovenarbeider	Zinkovenarbeider		1920-1930
Zinkwerker		Zinkwerker		1920
Zoetwatervisscher	Zoetwatervisscher			1930
Zolen-en hakkenbevestigingsarbeider		Zolen-en hakkenbevestigingsarbeider		1920
Zoolleersnijder		Zoolleersnijder		1920
Zoutontginning		Zoutontginning		1920
Zoutzieder		Zoutzieder		1920
Zuiveraar	Zuiveraar	Zuiveraar		1920-1930
Zuiveraar van gebouwen			Zuiveraar van gebouwen	1909
Zuiverhuisarbeider		Zuiverhuisarbeider		1920
Zuivering van gebouwen		Zuivering van gebouwen		1920
Zwavelzuurbereider		Zwavelzuurbereider		1920
Zwemvestmaakster			Zwemvestmaakster	1909
Zwikkerijarbeider		Zwikkerijarbeider		1920
Total # 1071	548	713	328	