# NEPS

**National Educational Panel Study**

Tobias Koberg

## Anonymization Procedures

NEPS Starting Cohort 3— Grade 5

*Paths Through Lower Secondary School*

Scientific Use File Version 13.0.0

## LIfBi

**LEIBNIZ INSTITUTE FOR
EDUCATIONAL TRAJECTORIES**

# 1 Preamble

This documentation gives an exhaustive explanation of all disclosure risk minimization techniques applied before dissemination to the Scientific Use File (SUF) of Starting Cohort (SC) 3, version 13.0.0 (doi:10.5157/NEPS:SC3:13.0.0). For a quick reference to all variables and datafiles which are affected in detail and on which level you will find the full information, please skip forward to appendix section A.1. If you have inquiries or need further information not covered in this document please feel free to contact the research data center at fdz@lifbi.de. Please note the following general remarks:

- in all tables, the anonymization suffix (_O, _R, _D) was removed from the variable name to enhance readability and remove duplicates. To find a specific variable in the data file, add the corresponding suffix or use a wildcard.

- to ensure a data-consistent documentation, all tables in this document have been produced on basis of the SUF data. Variable labels in the data have been cut off at 80 characters, which inherits to this documentation.

- as additional documentation, a *Semantic Data Structure File* is available. This is the complete SUF where all cases have been removed. Feel free to use this as a first overview to the data in cases you do not have access to the real data (e.g. you are interested in data files which are available OnSite only). You are well advised to use this preparing your syntax *before* initiating your travel to our OnSite facility. You find it freely available on the documentation page to this SUF:

  ```
  www.neps-data.de > Data Center > Data and Documentation > Starting Cohort
  Grade 5 > Documentation
  ```

## 1.1 Specifications

To ensure the best possible confidentiality protection of individuals and individual micro data, the National Educational Panel Study complies with strict international standards. To achieve this, a *portfolio approach*, based on the ideas of Lane et al., 2008, has been established. This approach interlocks data security mechanism on five different levels, while the actual data modification (i.e. anonymization) is one of them. For further information, see the article by Koberg, 2016. Operationalizing this modification procedure, it can be abstracted to the following two criteria:

- the disseminated data was transferred to so called *de facto anonymous data*. Identifiable information is coarsened or cut off and kept securely to minimize the risk of statistical disclosure.

- the use of data is strictly confidential and for statistical purposes only. The closed contract only grants access to members of the scientific community. This contract has a vast amount of legal stipulations, one of them being a large fine which applies for the realization of re-identification on purpose. Therefore, the disseminated data is highly protected by law and allows a more flexible range of available data.

To pick up the latter, the NEPS has made a huge effort regarding legal regulations to offer as much analysis power of data as possible. This *paradigm of information esteem* reveals the fact that conducted measures of statistical disclosure control are few. Also, if there really was a need for modification, only non-perturbative methods were used.

## 1.2   Onion-shaped model

The NEPS grants the user three different modes of data access: (1) *OnSite*, which stands for the opportunity to use the secured infrastructure made available at the LIfBi in Bamberg, (2) *RemoteNEPS*, which is a progressive remote access technology providing a virtual desktop, and finally (3) *Download*, indicating the possibility to fetch data via a secure web portal.

These given access modes have been originated to allow anonymization routines for a subtle differentiation of information. The three resulting levels of anonymization define as follows:

- data provided OnSite is generally not further anonymized. However, even those data was rendered *de facto anonymous*, for no disclosure risk to persist. All information contained remains completely sane. Although users have to deal with limited possibilities of data access (i.e. supervised import and export of their results), they are free to work with all data available in a secure environment.

- access via RemoteNEPS is considered equivalent to OnSite, hence most of the data stays complete.

- as Download is assumed to be the most hazardous access mode[1], some more anonymization techniques are done to the dataset.

Obviously this approach results in three different versions of all involved datasets. To enable a consistent structure, these data files always contain the entire set of variables; it is their content which differs through the three levels.

As normally there is no need to resign aggregated variables in the higher levels (i.e. OnSite or RemoteNEPS), those are already defined as a surplus to the original variable in the OnSite-version. Stepping down to RemoteNEPS, the content of related variables too sensitive for this level is overwritten with an exclusive missing code – an operation which we define as *purging*. Note that system missing values are not affected, allowing the user to differ between value existence and nonexistence. This still is a valuable additional information. The same logic applies to the transition from RemoteNEPS to Download.

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1   'hazardous' in terms of: the downloaded content is no longer under physical control of the LIfBi

While there is no explicit documentation to this fact, it should remain clear that this procedure accumulates, i.e. purged content under RemoteNEPS is therefore neither included in RemoteNEPS nor in Download.

This *onion-shaped model* provides both ease of (1) use of different sensitivity models (e.g. preparing an analysis using the Download dataset and conducting it afterwards using the OnSite-data) and (2) documentation, for the subject of documentation is the most sensitive level (OnSite), with RemoteNEPS and Download levels being a subset of these data.

The fourth layer *master* depicted below contains every material which is needed during data processing by the NEPS, but is not meant for the scientific community to be usable.



**Figure 1:** Onion-shaped model defining the different anonymization levels

Technically, this model realizes in a single letter suffixed to dataset and variable names. All datasets available OnSite only are marked with an additional **_O**, those available via RemoteNEPS with **_R** and Download files with **_D**. The same procedure applies when it comes to variable differentiation. A variable which is available unaltered OnSite only is suffixed with **_O**. In RemoteNEPS-access or Download, this variable is still present but purged. If there is an alternate version (e.g. with coarsened content) for RemoteNEPS (suffix **_R**) or Download (suffix **_D**), those can be used. As said before, these are already integrated in the OnSite version. See section 3 for some examples (especially for a practical explanation what is meant by *purging* here).

# 2  Conducted measures

Keeping the usability and the paradigm of information esteem in mind, only very few alterations are actually done to the dataset. Please note that all information is still available somewhere and that only RemoteNEPS and (mainly) the Download version are constraint in this matter. In fact, in this SUF, only 561 out of 9336 variables are modified in some way.

The following table gives an explanatory overview of all measures conducted. The remainder of this section gives a more detailed description of those topics.

**Table 1:** Availability of sensitive data

| Topic | OnSite | RemoteNEPS | Download |
|-------|--------|------------|----------|
| String variables | anonymized | n/a | n/a |
| International[1] | full data | full data | collapsed |
| Regional (National) | restricted | restricted | restricted |
| Institutional context | full data | anonymized | n/a |
| Macro indicators | accessible | n/a | n/a |
| Others | full data | full data | aggregated |

 [1]  international geographical information (e.g., nation states, national languages)

## 2.1   String variables

All variables containing actual text and whose type is therefore string are purged in the RemoteNEPS version. The information remains accessible OnSite. However, you should be aware that in the majority of cases, text entries have been recoded into derived variables (usually suffixed with _g1, _g2, etc.), which contain the information collected. Those variables are available in all three levels, only the actual text entry is available OnSite only. The text entries have been reviewed by staff to ensure that absolutely no reidentificational material is included. To indicate the availability of those variables OnSite only, the variable names have been suffixed with an additional _0.

**Table 2:** All string variables; those are only available onsite

| file | variable | label |
|------|----------|-------|
| TargetMethods | tx80411 | Problems Contacting (open) |
| TargetMethods | tx80413 | Problems Conducting (open) |

(...)

**Table 2:** (continued)

| file | variable | label |
|------|----------|-------|
| pCourseGerman | ed0015x | Spelling knowledge - other |
| pCourseGerman | ed0016h | Strategies - other |
| pInstitution | h22131x | All-day school programs: other offers, text 1 |
| pInstitution | h22131y | All-day school programs: other offers, text 2 |
| pInstitution | h22131z | All-day school programs: other offers, text 3 |
| pInstitution | h22202t | School: quality: other, text |
| pInstitution | h227011 | School: full-time teachers school subject: other school subjects, text1 |
| pInstitution | h227012 | School: full-time teachers school subject: other school subjects, text2 |
| pInstitution | h227013 | School: full-time teachers school subject: other school subjects, text3 |
| pInstitution | h229003 | School: approach: educational, text |
| pInstitution | h229005 | School: approach: promotion, text |
| pInstitution | h229007 | School: approach: integration, text |
| pInstitution | h229009 | School: approach: other, text |
| pInstitution | h22901t | School: profile: other, text |
| pInstitution | h41700a | Other remedial measures, other |
| pInstitution | h41702a | Parent training programs, migration, other |
| pInstitution | h41704a | Teacher training programs, migration, other |
| pInstitution | hd0041b | other function in school administration, namely: |
| pParent | p19020j | Special needs OPEN |
| pParent | p26210t | Parents: tutoring, other subject (open) |
| pParent | p296402 | Wish: What profession should TC learn |
| pParent | p401001 | Immigration status other |
| pParent | p731803 | Highest educational qualification Respondent, type open |
| pParent | p731814 | Vocational qualification respondent (open) |
| pParent | p731817 | Type Tertiary qualification Respondent (open) |
| pParent | p731853 | Highest educational qualification Partner, type open |
| pParent | p731864 | Professional qualification Partner (open) |
| pParent | p731867 | Type Tertiary qualification Partner (open) |
| pTarget | t22260t | School involvement: other, text |
| pTarget | t242401 | Study subject other |
| pTarget | t261201 | Student: Internship duration |
| pTarget | t26212a | Student: Tutoring subject 1. response |
| pTarget | t26212b | Student: Tutoring subject 2. response |
| pTarget | t26212c | Student: Tutoring subject 3. response |
| pTarget | t262400 | Student: part-time job content |
| pTarget | t268111 | Student: Tutoring Place somewhere else, Text |
| pTarget | t27111d | Courses outside school: other courses: text, where |
| pTarget | t27111t | Courses outside School: other courses, open |
| pTarget | t27111u | Courses outside school: other courses: text, what |
| pTarget | t27111v | Courses outside school - youth art school |
| pTarget | t27111w | Courses outside school - adult education center (VHS) - open |
| pTarget | t27111x | Course; youth art school - open |

(…)

**Table 2:** (continued)

| file | variable | label |
| --- | --- | --- |
| pTarget | t27270h | Student: Participation organization/ group: other, text |
| pTarget | t29172n | Admission Master's program: other open |
| pTarget | t29175i | other information and qualification opportunities, open |
| pTarget | t29186m | other sources of information, open |
| pTarget | t31060a | Idealistic career aspirations: career aspiration |
| pTarget | t31060c | Idealistic educational aspirations: Ideal profession |
| pTarget | t31160a | Realistic career aspirations: career aspiration |
| pTarget | t31160c | Realistic educational aspirations: expected profession |
| pTarget | t34002f | Frequency reading (genre): namely |
| pTarget | t405531 | Immigration status partner: other |
| pTarget | t42850x | Country of origin - family |
| pTarget | t526012 | Place warm meal: other place |
| pTarget | t531229 | other source of finance, open |
| pTarget | t731302 | other school-leaving qualification mother |
| pTarget | t731304 | Other professional qualification mother (open) |
| pTarget | t731305 | other educational institution Mother (open) |
| pTarget | t731307 | other higher education qualification Mother (open) |
| pTarget | t731309 | other institution awarding higher education degrees Mother (open) |
| pTarget | t731352 | other school-leaving qualification father |
| pTarget | t731354 | Other professional qualification father (open) |
| pTarget | t731355 | other educational institution Father (open) |
| pTarget | t731357 | other higher education qualification Father (open) |
| pTarget | t731359 | other institution awarding higher education degrees Father (open) |
| pTarget | td0021x | Favorite subject |
| pTarget | te00013 | Grade School graduation - open |
| pTarget | te05017 | Idealistic educ.  aspiration - higher ed.  inst.  type - other, namely |
| pTarget | te05025 | Idealistic educ. aspiration - type of vocational training, open |
| pTarget | te05112 | Idealistic educational aspiration - type of higher education institution - open |
| pTarget | te05122 | Idealistic educational aspiration - type of vocational training - open |
| pTarget | te06010 | Idealistic aspiration study subject |
| pTarget | te06020 | Idealistic aspiration study subject combination subject |
| pTarget | te08010 | Idealistic aspiration: vocational training profession |
| pTarget | te09017 | Realistic educational aspiration - type of higher education institution open |
| pTarget | te09025 | Realistic educational aspiration - type of vocational training open |
| pTarget | te09112 | Realistic educational aspiration – type of higher education institution - open |
| pTarget | te09122 | Realistic educational aspiration – type of vocational training - open |

(...)

**Table 2:** (continued)

| file | variable | label |
| --- | --- | --- |
| pTarget | te10010 | Realistic aspiration study subject |
| pTarget | te10020 | Realistic educational aspiration subject of study combination subject |
| pTarget | te11010 | Realistic educational aspiration: vocational training |
| pTarget | te14116 | other subjects at advanced requirement level - other subject |
| pTarget | te16010 | 1st examination subject |
| pTarget | te16020 | 2nd examination subject |
| pTarget | te16030 | 3rd examination subject |
| pTarget | te16040 | 4th examination subject |
| pTarget | te16050 | 5th examination subject |
| pTarget | tf00070 | First career aspiration |
| pTarget | tf0013b | Second career aspiration Indication |
| pTarget | tf0021b | Vocational training |
| pTarget | tf00260 | Application Profession 1 |
| pTarget | tf0029b | Application Profession 2 |
| pTarget | tf24540 | Text Selected occupation |
| pTarget | tg50201 | other higher education degree |
| pTarget | tg5120s | Study organization semester/trimester, open |
| pTarget | tg7991f | Type of job: other - open |
| pTarget | th18021 | Other learning material: open |
| pTarget | th18021_v1 | Other learning material: open (temp. drop-out) |
| pTarget | th18047 | Changed learning opportunities during school closure: other open |
| pTarget | th18047_v1 | Changed learning opport. during school closure: other open (temp. drop-out) |
| pTarget | th18051 | Information higher education institution: open |
| pTarget | th18051_v1 | Information higher education institution: open (temp. drop-out) |
| pTarget | th24539 | Text selected occupation (HV h_etauswahl 65kJM(SC3)/26fET(SC4,SC6)) |
| pTarget | th34398 | Main occupation episode job tasks |
| spCourses | t272011_w1 | Course content |
| spCourses | t272011_w2 | Course content |
| spCourses | t272011_w3 | Course content |
| spCourses | t272011_w4 | Course content |
| spCourses | t272011_w5 | Course content |
| spCourses | t272044_w1 | Type certificate |
| spCourses | t272044_w2 | Type certificate |
| spCourses | t272044_w3 | Type certificate |
| spCourses | t272044_w4 | Type certificate |
| spCourses | t272044_w5 | Type certificate |
| spFurtherEdu1 | t272000 | Course content |
| spFurtherEdu1 | t272044 | Type certificate |
| spGap | ts29102 | other activity |
| spMilitary | ts21401 | Other voluntary service (25108a) |

(...)

**Table 2:** (continued)

| file | variable | label |
|------|----------|-------|
| spParentSchool | p723090 | Type of school (open) |
| spSchool | ts11206 | other type of school |
| spSchool | ts11251 | 1st Abitur subject, open |
| spSchool | ts11252 | 2nd Abitur subject, open |
| spSchool | ts11253 | 3rd Abitur subject, open |
| spSchool | ts11254 | 4th Abitur subject, open |
| spSchool | ts11255 | 5th Abitur subject, open |
| spSchoolExtExam | ts11305 | Awarded other school-leaving qualification |
| spSchoolExtExam | ts11324 | 1st Abitur subject (awarded qualification), open |
| spSchoolExtExam | ts11325 | 2nd Abitur subject (awarded qualification), open |
| spSchoolExtExam | ts11326 | 3rd Abitur subject (awarded qualification), open |
| spSchoolExtExam | ts11327 | 4th Abitur subject (awarded qualification), open |
| spSchoolExtExam | ts11328 | 5th Abitur subject (awarded qualification), open |
| spVocExtExam | ts15305 | Other external examination qualification |
| spVocTrain | ts15412 | other degree (open) |
| spVocTrain | ts15458 | Support during vocational training program other, open |
| xTargetCORONA | th80002 | Content media - digital |
| xTargetCORONA | tm00040 | Childcare situation NEPS child - open |
| xTargetCORONA | tm00048 | Childcare situation - open |
| xTargetCORONA | tm00056 | Other learning material: open |
| xTargetCORONA | tm00071 | Changed learning opportunities during school closure - other, open |
| xTargetCORONA | tm00085 | Learning materials - open |
| xTargetCORONA | tm00097 | Changed learning opportunities during school closure - other, open |
| xTargetCORONA | tm00109 | Offered courses - other, open |
| xTargetCORONA | tm00115 | Information higher education institution, open |
| xTargetCORONA | tm00140 | Chances Future |

## 2.2 International: countries, languages, and nationalities

All information corresponding to international localization, nationality or languages is completely available only OnSite or via RemoteNEPS. Variables comprised in the Download SUF are aggregated to the binary information German/non-German. Please note that this variable does not necessarily has the same root of the variable name as the affected variable (e.g. if it is part of the instrument and not generated during the anonymization process). Look in the vicinity of the documented variable to find it. Also, see section 3.3.

## 2 Conducted measures

**Table 3:** All variables which are affected by country/language/nationality aggregation

| file | variable | label |
|------|----------|-------|
| pParent | p32601a | Position generator: country nurse or male nurse |
| pParent | p32601b | Position generator: country engineer |
| pParent | p32601c | Position generator: country warehouse/transport worker |
| pParent | p32601d | Position generator: country social worker |
| pParent | p32601e | Position generator: country sales clerk |
| pParent | p32601f | Position generator: country police officer |
| pParent | p32601g | Position generator: country physician |
| pParent | p32601h | Position generator: country banker |
| pParent | p32601k | Position generator: country motor mechanic |
| pParent | p32601l | Position generator: country legal practitioner |
| pParent | p32601m | Position generator: country optician |
| pParent | p32601n | Position generator: country translator |
| pParent | p32601o | Position generator: country teacher elem. school/Hauptschule/Realschule |
| pParent | p400010_g1 | Country of birth Respondent |
| pParent | p400010_g2 | Country of birth respondent (aggregated) |
| pParent | p400070_g1 | Country of birth Mother respondent |
| pParent | p400070_g2 | Country of birth Mother Respondent (aggregated) |
| pParent | p400090_g1 | Country of birth Father respondent |
| pParent | p400090_g2 | Country of birth Father Respondent (aggregated) |
| pParent | p400500_g3 | Group of origin |
| pParent | p400500_g3v1 | Group of origin |
| pParent | p401150_g2 | Citizenship respondent not German (aggregated) |
| pParent | p403010_g1 | Country of birth partner abroad |
| pParent | p403010_g2 | Country of birth partner (aggregated) |
| pParent | p403070_g1 | Country of birth Mother of partner |
| pParent | p403070_g2 | Country of birth Partner's mother (aggregated) |
| pParent | p403090_g1 | Country of birth Parther's father |
| pParent | p403090_g2 | Country of birth Partner's father (aggregated) |
| pParent | p404050_g2 | Other citizenship Partner (aggregated) |
| pParent | p406010_g1 | Country of birth of target child |
| pParent | p406010_g2 | Country of birth of target child (aggregated) |
| pParent | p407050_g2 | Citizenship target child (aggregated) |
| pParent | p407060_g2 | Second citizenship Target child (aggregated) |
| pParent | p731804_g1 | Highest educational qualification Respondent abroad (country) |
| pParent | p731804_g2 | Country of highest educational qualification respondent (aggregated) |
| pParent | p731823_g1 | Country of vocational qualification (additional response) |
| pParent | p731823_g2 | Country of professional qualification (additional response, aggregated) |
| pParent | p731854_g1 | Country highest school-leaving qualification abroad partner |

(...)

**Table 3:** (continued)

| file | variable | label |
| --- | --- | --- |
| pParent | p731854_g2 | Highest educational qualification partner abroad (country, aggregated) |
| pParent | p731873_g1 | Country of vocational qualification, partner, (additional response) |
| pParent | p731873_g2 | Country of professional qualification partner (additional response, aggregated) |
| pTarget | t32601a | Position generator: country nurse |
| pTarget | t32601b | Position generator: country engineer |
| pTarget | t32601c | Position generator: country warehouse/transport worker |
| pTarget | t32601d | Position generator: country social worker |
| pTarget | t32601e | Position generator: country salesperson |
| pTarget | t32601f | Position generator: country police officer |
| pTarget | t32601g | Position generator: country physician |
| pTarget | t32601h | Position generator: country banker |
| pTarget | t32601k | Position generator: country motor mechanic |
| pTarget | t32601l | Position generator: country legal practitioner |
| pTarget | t32601m | Position generator: country optician |
| pTarget | t32601n | Position generator: country translator |
| pTarget | t32601o | Position generator: country teacher at elementary school/Hauptschule/Realschule |
| pTarget | t400000_g1 | Birth country |
| pTarget | t400000_g2 | Country of birth (aggregated) |
| pTarget | t400070_g1 | Mother: Country of birth |
| pTarget | t400070_g2 | Mother: Country of birth (aggregated) |
| pTarget | t400090_g1 | Father: Country of birth |
| pTarget | t400090_g2 | Father: Country of birth (aggregated) |
| pTarget | t400220_g1 | Country of birth of your mother's mother |
| pTarget | t400220_g2 | Mother's mother: country of birth (aggregated) |
| pTarget | t400240_g1 | Country of birth of your mother's father |
| pTarget | t400240_g2 | Mother's father: Country of birth (aggregated) |
| pTarget | t400260_g1 | Country of birth of your father's mother |
| pTarget | t400260_g2 | Father's mother: country of birth (aggregated) |
| pTarget | t400280_g1 | Country of birth of your father's father |
| pTarget | t400280_g2 | Father's father: Country of birth (aggregated) |
| pTarget | t400500_g3 | Group of origin |
| pTarget | t400500_g3v1 | Group of origin |
| pTarget | t405510_g1 | Country of birth respondent |
| pTarget | t405510_g2 | Country of birth Respondent (aggregated) |
| pTarget | t405560_g1 | Country of birth Mother Respondent |
| pTarget | t405560_g2 | Country of birth Mother Respondent (aggregated) |
| pTarget | t405570_g1 | Country of birth Maternal grandmother |
| pTarget | t405570_g2 | Country of birth Maternal grandmother (aggregated) |
| pTarget | t405580_g1 | Country of birth Maternal grandfather |

(…)

**Table 3:** (continued)

| file | variable | label |
| --- | --- | --- |
| pTarget | t405580_g2 | Country of birth Maternal grandfather (aggregated) |
| pTarget | t405600_g1 | Country of birth Father Respondent |
| pTarget | t405600_g2 | Country of birth Father Respondent (aggregated) |
| pTarget | t405610_g1 | Country of birth Paternal grandmother |
| pTarget | t405610_g2 | Country of birth Paternal grandmother (aggregated) |
| pTarget | t405620_g1 | Country of birth Paternal grandfather |
| pTarget | t405620_g2 | Country of birth Paternal grandfather (aggregated) |
| pTarget | t406100_g2 | other nationality |
| pTarget | t431010_g1 | Country of destination |
| pTarget | t751004_g1 | Country of residence (abroad) |
| pTarget | t751004_g2 | Country of residence (aggregated) |
| pTarget | t751015_g1 | Country of secondary residence (abroad) |
| pTarget | t751015_g2 | Country of secondary residence (aggregated) |
| spEmp | ts23239_g1 | Country of workplace |
| spEmp | ts23239_g2 | Country of workplace (aggregated) |
| spParentSchool | p723060_g1 | Country of school |
| spParentSchool | p723060_g2 | Country of school (aggregated) |
| spSchool | ts1120s_g1 | Country of school |
| spSchool | ts1120s_g2 | Country of school (aggregated) |
| spSchoolExtExam | ts11301_g1 | Country of awarded school-leaving qualification |
| spSchoolExtExam | ts11301_g2 | Country of awarded school-leaving qualification (aggregated) |
| spVocExtExam | ts15303_g1 | Country of external examination |
| spVocExtExam | ts15303_g2 | Country of external examination (aggregated) |
| spVocTrain | ts1521s_g1 | Country of vocational training |
| spVocTrain | ts1521s_g2 | Country of vocational training (aggregated) |
| spVocTrain | ts15294_g1 | 1st country stay abroad |
| spVocTrain | ts15294_g2 | 1st country stay abroad (aggregated) |
| spVocTrain | ts15295_g1 | 2nd country stay abroad |
| spVocTrain | ts15295_g2 | 2nd country stay abroad (aggregated) |
| ParentMethods | px80204 | Interview: interview language (realized case) |
| TargetMethods | tx80204 | Interview: interview language (realized case) |
| pEducator | e41100a_g2 | Mother tongue (reference 1, ISO 639.2) |
| pEducator | e41100a_g3 | Mother tongue (reference 2, ISO 639.2) |
| pEducator | e41100a_g4 | Mother tongue (reference 3, ISO 639.2) |
| pEducator | e41100a_g5 | Mother tongue (reference 4, ISO 639.2) |
| pParent | p410000_g1 | First language/mother tongue Child (ISO 639.2) |
| pParent | p410000_g2 | First language/mother tongue Child (aggregated) |
| pParent | p410002_g1 | Further first language/mother tongue Child (ISO 639.2) |
| pParent | p410002_g2 | Further first language/mother tongue Child (aggregated) |
| pParent | p412001_g1 | Interaction language Household, detailed (ISO 639.2) |

(…)

**Table 3:** (continued)

| file | variable | label |
|---|---|---|
| pParent | p412001_g2 | Interactive language household detailed (aggregated) |
| pParent | p413000_g1 | First language/mother tongue Respondent (ISO 639.2) |
| pParent | p413000_g2 | First language/mother tongue Respondent (aggregated) |
| pParent | p413002_g1 | Further first language/mother tongue Respondent (ISO 639.2) |
| pParent | p413002_g2 | Further first language/mother tongue Respondent (aggregated) |
| pParent | p414000_g1 | First language/mother tongue Partner (ISO 639.2) |
| pParent | p414000_g2 | First language/mother tongue Partner (aggregated) |
| pParent | p414002_g1 | Further first language/mother tongue Partner (ISO 639.2) |
| pParent | p414002_g2 | Further first language/mother tongue Partner (aggregated) |
| pParent | p414100_g1 | First language/mother tongue New partner (ISO 639.2) |
| pParent | p414100_g2 | First language/mother tongue New partner (aggregated) |
| pParent | p414102_g1 | Further first language/mother tongue New partner (ISO 639.2) |
| pParent | p414102_g2 | Further first language/mother tongue New partner (aggregated) |
| pTarget | t41000a_g2 | Mother tongue (reference 1, ISO 639.2) |
| pTarget | t41000a_g3 | Mother tongue (reference 2, ISO 639.2) |
| pTarget | t41000a_g4 | Mother tongue (reference 3, ISO 639.2) |
| pTarget | t41000a_g5 | Mother tongue (reference 4, ISO 639.2) |
| pTarget | t410010_g2 | Second language (Specification 1, ISO 639.2) |
| pTarget | t410010_g3 | Second language (Specification 2, ISO 639.2) |
| pTarget | t410010_g4 | Second language (Specification 3, ISO 639.2) |
| pTarget | t410010_g5 | Second language (Specification 4, ISO 639.2) |
| pTarget | t41010a_g2 | Mother: Mother tongue (reference 1, ISO 639.2) |
| pTarget | t41010a_g3 | Mother: Mother tongue (reference 2, ISO 639.2) |
| pTarget | t41010a_g4 | Mother: Mother tongue (reference 3, ISO 639.2) |
| pTarget | t41010a_g5 | Mother: Mother tongue (reference 4, ISO 639.2) |
| pTarget | t41012a_g2 | Father: Mother tongue (Specification 1, ISO 639.2) |
| pTarget | t41012a_g3 | Father: Mother tongue (Specification 2, ISO 639.2) |
| pTarget | t41012a_g4 | Father: Mother tongue (Specification 3, ISO 639.2) |
| pTarget | t41012a_g5 | Father: Mother tongue (Specification 4, ISO 639.2) |
| pTarget | t414000_g1 | First mother tongue (ISO 639.2) |
| pTarget | t414000_g2 | First mother tongue (categorized) |
| pTarget | t414002_g1 | Second mother tongue (ISO 639.2) |
| pTarget | t414002_g2 | Second mother tongue (categorized) |
| pParent | p401150_g1 | Other citizenship respondent |

(...)

**Table 3:** (continued)

| file | variable | label |
|------|----------|-------|
| pParent | p404050_g1 | Other citizenship Partner |
| pParent | p407050_g1 | Citizenship Target child |
| pParent | p407060_g1 | Second citizenship Target child |
| pTarget | t40115a_g2 | Citizenship (Specification 1; coded) |
| pTarget | t40115a_g3 | Citizenship (Specification 2; coded) |
| pTarget | t40115a_g4 | Citizenship (Specification 3; coded) |
| pTarget | t406100_g1 | other nationality |

## 2.3  Regional localization

For all variables which register a regional position – such as places of birth, work, school, or residence – the following variables have been generated (if possible):

- an indicator for West Germany and East Germany (including Berlin)

- the federal state for this location,

- the administrative region, and

- the administrative district,

the latter two only available OnSite.

As NEPS data which has been surveyed in institutional context enjoys special focus in this matter, federal states are also only available in RemoteNEPS. When using data collected in connection with schools or higher education institutions, it is not allowed to use Federal-State-related information directly or indirectly contained in the data for analyses aiming at a direct Federal State comparison, direct conclusions to be drawn about a Federal State, or a reconstruction of the concrete Federal State affiliation of persons, households, and institutions. Please see the Data Use Agreement for further information about this topic.

Regional localization more detailed is not directly available. If you have need to merge data using a regional key below the available level, please check out the corresponding website at:

→ www.neps-data.de > Data Center > Overview and Assistance > Regional Data

or contact the LIfBi RDC (fdz@lifbi.de), which may deal with this matter for you.

**Table 4:** All regional variables which are only available in RemoteNEPS or OnSite.

| file | variable | label |
|------|----------|-------|
| CohortProfile | tx80109_g2 | Sample: Federal state school |
| Weights | stratum_imp2 | implicit stratum 2 (federal states of institution) |

(...)

**Table 4:** (continued)

| file | variable | label |
|---|---|---|
| Weights | stratum_imp3 | implicit stratum 3 (regional classification of institution) |
| Weights | stratum_imp4 | implicit stratum 4 (organizing institution) |
| pEducator | e537110_g2 | Place of study Teaching degree course (federal state) |
| pEducator | e537110_g3 | Place of study Teaching degree course (administrative district) |
| pEducator | e537110_g4 | Place of study Teaching degree course (district, status 2013) |
| pEducator | e537170_g2 | Location: passed the state examination (federal state) |
| pEducator | e537170_g3 | Location: passed the state examination (administrative district) |
| pEducator | e537170_g4 | Location: passed the state examination (district, status 2013) |
| pParent | p751001_g2 | Place of residence (federal state) |
| pTarget | t700101_g2 | Municipality of birth (federal state) |
| pTarget | t751001_g2 | Residential municipality (RS federal state) |
| pTarget | t751011_g2 | Municipality secondary residence (federal state) |
| pTarget | ts11202_g2 | Municipality of school (federal state) |
| pTarget | ts11203 | Federal state of school |
| pTarget | tx44401_g2 | Location of school (federal state) |
| spEmp | ts23237_g2 | Location of workplace (RS federal state) |
| spParentSchool | p723030_g2 | Municipality of school (federal state) |
| spSchool | ts11202_g2 | Municipality of school (federal state) |
| spSibling | p723050 | Federal state of school |
| spVocPrep | ts13105_g2 | Municipality of measure (federal state) |
| spVocTrain | ts15207_g2 | Municipality of training facility (federal state) |
| spVocTrain | ts15429 | Federal state of university location |
| CohortProfile | tx80109_g3 | Sample: administrative district school |
| CohortProfile | tx80109_g4 | Sample: district school |
| pParent | p751001_g3 | Place of residence (administrative district) |
| pParent | p751001_g4 | Place of residence (district) |
| pTarget | t700101_g3 | Municipality of birth (administrative district) |
| pTarget | t700101_g4 | Municipality of birth (district) |
| pTarget | t751001_g3 | Residential municipality (administrative district) |
| pTarget | t751001_g4 | Residential municipality (district) |
| pTarget | t751011_g3 | Municipality secondary residence (administrative district) |
| pTarget | t751011_g4 | Municipality secondary residence (district) |
| pTarget | ts11202_g3 | Municipality of school (administrative district) |
| pTarget | ts11202_g4 | Municipality of school (district) |
| pTarget | tx44401_g3 | Location of the school (administrative district) |
| pTarget | tx44401_g4 | Location of the school (district) |
| spEmp | ts23237_g3 | Location of workplace (administrative district) |
| spEmp | ts23237_g4 | Location of workplace (district) |

(...)

**Table 4:** (continued)

| file | variable | label |
|---|---|---|
| spParentSchool | p723030_g3 | Municipality of school (administrative district) |
| spParentSchool | p723030_g4 | Municipality of school (district) |
| spSchool | ts11202_g3 | Municipality of school (administrative district) |
| spSchool | ts11202_g4 | Municipality of school (district) |
| spVocPrep | ts13105_g3 | Municipality of measure (administrative district) |
| spVocPrep | ts13105_g4 | Municipality of measure (district) |
| spVocTrain | ts15207_g3 | Municipality of training facility (administrative district) |
| spVocTrain | ts15207_g4 | Municipality of training facility (district) |

## 2.4  Institutional characteristics

In this Starting Cohort, also information about institutions is available. A special focus of anonymization was directed to protection of institutional data, i.e. information about kindergarten, schools, and universities, but also educators and teachers. To minimize the risk of re-identification, this data is only available in RemoteNEPS. This includes the complete datafile(s)

                    pInstitution,

but may also affect basic structural details about the group or class (e.g. size of class) in other datafiles. Furthermore, personal information about educators and teachers is treated more securely. You will find detailed information about these subjects from RemoteNEPS onward. Refer to section 2.6 to see the affected variables.

## 2.5  Macro indicators

Additional information including structural topography and macroeconomic measures was collected. You find those available OnSite only. The following data is available:

- Microm data, describing the surrounding of the targets residence

- Microm data, describing the surrounding of the school

- RegioInfas (infas geodaten) data, describing the surrounding of the targets residence

- RegioInfas data, describing the surrounding of the school

### 2.6   Other variables

All other variables affected by anonymization and not classifiable in the previous groups are listed below. In the first table (table 5), you find all variables which were aggregated in the Download-SUF. An additional table below each entry displays the values of the variable, both as found in RemoteNEPS (if table column is empty, the variable is numeric and does not have a value label scheme) and in Download.

The second table (table 6) contains all variables which are not aggregated, but purged completely in the Download-version, that is, there is no aggregated version.

## 2 Conducted measures

**Table 5:** Other variables which were aggregated in the Download-SUF (aggregation is also stated)

**[file]** `variable: label`

[CohortProfile] tx80505: List of children/students: special educational needs target child (aggregated)

| RemoteNEPS | | Download |
|---|---|---|
| no special educational needs | **1** | no special educational needs |
| special needs with focus reading | **2** | special educational needs |
| special needs with focus language | **3** | |
| special needs with focus emotional and social development | **4** | |
| special needs with focus autism | **5** | |
| special needs with other priority | **6** | |
| unknown | **7** | |
| special needs with focus vision | **8** | |
| special needs with focus hearing | **9** | |
| special needs with focus physical motoric development | **10** | |
| special needs with focus mental development | **11** | |
| special needs with focus learning/language | **23** | |
| special needs with focus learning/emotional development | **24** | |
| special needs with focus learning/autism | **25** | |
| special needs with focus learning/other | **26** | |
| special needs with focus language/emotional social development | **34** | |
| special needs with focus language/others | **36** | |
| special needs with focus emotional social development/autism | **45** | |
| special needs with focus emotional social development/other | **46** | |
| special needs with focus autism/seing | **58** | |
| by SK marked with cross/line | **96** | |
| not administered | **97** | |
| not specified | **99** | |
| special needs with focus learning/language/emotional social development | **234** | |
| special needs with focus learning/language/Autism | **235** | |
| special needs with focus learning/language/Others | **236** | |
| special needs with focus language/emotional social development/others | **346** | |
| special needs with focus learning/language/mental development | **2311** | |
| special needs with focus learning/emotional social mental development | **2411** | |

[pCourseClass] e227400_g1: Class: number of students, total (simplified)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | below 10 |
| | **2** | 10 to 14 |
| | **3** | 15 to 19 |
| | **4** | 20 to 24 |
| | **5** | 25 to 29 |
| | **6** | 30 to 34 |
| | **7** | 35 and more |

(...)

**Table 5:** (continued)

**[file]** `variable: label`

[pCourseClass] e229400: Class: facilities: classroom size (aggregated)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | under 30 |
| | **2** | 30 to 39 |
| | **3** | 40 to 49 |
| | **4** | 50 to 59 |
| | **5** | 60 and more |

[pCourseGerman] ed0001h: Number of German lessons (categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | to 4 |
| | **2** | 5 |
| | **3** | 6 and more |

[pCourseGerman] ed0001m: German lessons (duration in minutes per lessons, categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | 45 |
| | **2** | other specification |

[pCourseGerman] ed0002h: Remedial teaching (number of lessons, categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | below 2 |
| | **2** | 2 or more |

[pCourseMath] ed00035: Remedial teaching (number of lessons, categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | below 2 |
| | **2** | 2 or more |

[pCourseMath] ed0025h: Number of mathematics lessons (categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | to 4 |
| | **2** | 5 |
| | **3** | 6 and more |

[pCourseMath] ed0025m:  Mathematics lessons (duration in minutes per lessons, categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | 45 |
| | **2** | other specification |

(...)

**Table 5:** (continued)

**[file] `variable`: label**

[pEducator] e229820: Work in profession (years, categorized)

| RemoteNEPS | Download | |
|---|---|---|
| | **1** | 0 to less than 5 |
| | **2** | 5 to less than 10 |
| | **3** | 10 to less than 15 |
| | **4** | 15 to less than 20 |
| | **5** | 20 to less than 25 |
| | **6** | 25 to less than 30 |
| | **7** | 30 to less than 35 |
| | **8** | 35 and more |

[pEducator] e229821: Work at this school (years, categorized)

| RemoteNEPS | Download | |
|---|---|---|
| | **1** | 0 to less than 5 |
| | **2** | 5 to less than 10 |
| | **3** | 10 to less than 15 |
| | **4** | 15 to less than 20 |
| | **5** | 20 to less than 25 |
| | **6** | 25 to less than 30 |
| | **7** | 30 to less than 35 |
| | **8** | 35 and more |

[pEducator] e536020: Age Career choice (categorized)

| RemoteNEPS | Download | |
|---|---|---|
| | **30** | 30 and older |

[pEducator] e53702y: Year of university entrance qualification (categorized)

| RemoteNEPS | Download | |
|---|---|---|
| | **1** | before 1970 |
| | **2** | 1970-1979 |
| | **3** | 1980-1989 |
| | **4** | 1990-1999 |
| | **5** | after 1999 |

[pEducator] e53710y: Year Study start Teaching degree course (categorized)

| RemoteNEPS | Download | |
|---|---|---|
| | **1** | before 1970 |
| | **2** | 1970-1979 |
| | **3** | 1980-1989 |
| | **4** | 1990-1999 |
| | **5** | after 1999 |

(...)

**Table 5:** (continued)

[pEducator] e537150: Year of state examination (categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | before 1970 |
| | **2** | 1970-1979 |
| | **3** | 1980-1989 |
| | **4** | 1990-1999 |
| | **5** | after 1999 |

[pEducator] e76212y: Year of birth (categorized)

| RemoteNEPS | | Download |
|---|---|---|
| | **1** | before 1950 |
| | **2** | 1950-1959 |
| | **3** | 1960-1969 |
| | **4** | 1970-1979 |
| | **5** | after 1979 |

[pParent] p727001: Recommendation secondary school or course of education, which ones? (simplified)

| RemoteNEPS | | Download |
|---|---|---|
| Hauptschule [lower secondary school] | **1** | Hauptschule [lower secondary school] |
| Realschule [intermediate secondary school] | **2** | Realschule [intermediate secondary school] |
| Gymnasium [upper secondary school] | **3** | Gymnasium [upper secondary school] |
| integrated Gesamtschule [comprehensive school] | **4** | integrated Gesamtschule [comprehensive school] |
| combined Hauptschule and Realschule «also Gemeinschaftsschule [comprehensive school], Oberschule [upper secondary school], Stadtteilschule, extended Realschule, Realschule plus, Werkrealschule, Mittelstufenschule» | **5** | combined Hauptschule and Realschule «also Gemeinschaftsschule, Oberschule, Stadtteilschule, extended Realschule, Realschule plus, Werkrealschule, Mittelstufenschule» |
| Mittelschule (Saxony/Bavaria) | **6** | Mittelschule/regular school/secondary school/Regionale Schule |
| regular school (Thuringia) | **7** | |
| Regionale Schule (Rhineland Palatinate) | **8** | |
| secondary school (Bremen, NRW) | **9** | |
| Förderstufe [mixed ability class] (Hesse) | **10** | |
| special needs school | **11** | Special needs school |
| orientation stage | **12** | Orientation stage/remedial stage |
| school for highly gifted students | **13** | School for highly gifted students |
| Gemeinschaftsschule [comprehensive school] (Gemeinschaftsschule) (NRW) | **14** | |

(...)

**Table 5:** (continued)

**[file]** `variable: label`

[pParent] p727002: Recommendation secondary school or course of education, further? (simplified)

| RemoteNEPS | | Download |
|---|---|---|
| Hauptschule [lower secondary school] | 1 | Hauptschule [lower secondary school] |
| Realschule [intermediate secondary school] | 2 | Realschule [intermediate secondary school] |
| Gymnasium [upper secondary school] | 3 | Gymnasium [upper secondary school] |
| integrated Gesamtschule [comprehensive school] | 4 | integrated Gesamtschule [comprehensive school] |
| combined Hauptschule and Realschule «also Gemeinschaftsschule [comprehensive school], Oberschule [upper secondary school], Stadtteilschule, extended Realschule, Realschule plus, Werkrealschule, Mittelstufenschule» | 5 | combined Hauptschule and Realschule «also Gemeinschaftsschule, Oberschule, Stadtteilschule, extended Realschule, Realschule plus, Werkrealschule, Mittelstufenschule» |
| Mittelschule (Saxony/Bavaria) | 6 | Mittelschule/regular school/secondary school/Regionale Schule |
| regular school (Thuringia) | 7 | |
| Regionale Schule (Rhineland Palatinate) | 8 | |
| secondary school (Bremen, NRW) | 9 | |
| Förderstufe [mixed ability class] (Hesse) | 10 | |
| special needs school | 11 | Special needs school |
| orientation stage | 12 | Orientation stage/remedial stage |
| school for highly gifted students | 13 | School for highly gifted students |
| Gemeinschaftsschule [comprehensive school] (Gemeinschaftsschule) (NRW) | 14 | |

[pParent] p731911: Number of employees respondent (aggregated)

| RemoteNEPS | | Download |
|---|---|---|
| 1 to less than 5 | 1 | 1 to less than 5 |
| 5 to less than 10 | 2 | 5 to less than 10 |
| 10 to less than 20 | 3 | 10 to less than 20 |
| 20 to less than 50 | 4 | 20 and more |
| 50 to less than 100 | 5 | |
| 100 to less than 200 | 6 | |
| 200 to less than 250 | 7 | |
| 250 to less than 500 | 8 | |
| 500 to less than 1,000 | 9 | |
| 1,000 to less than 2,000 | 10 | |
| 2,000 and more | 11 | |

[pParent] p731961: Number of employees Partner (aggregated)

| RemoteNEPS | | Download |
|---|---|---|
| 1 to less than 5 | 1 | 1 to less than 5 |
| 5 to less than 10 | 2 | 5 to less than 10 |
| 10 to less than 20 | 3 | 10 to less than 20 |
| 20 to less than 50 | 4 | 20 and more |
| 50 to less than 100 | 5 | |
| 100 to less than 200 | 6 | |
| 200 to less than 250 | 7 | |
| 250 to less than 500 | 8 | |
| 500 to less than 1,000 | 9 | |
| 1,000 to less than 2,000 | 10 | |
| 2,000 and more | 11 | |

(...)

**Table 5:** (continued)

[pTarget] `t731406`: Number of mother's employees (categorized)

| RemoteNEPS | | Download |
|---|---|---|
| 1 to less than 5 | **1** | 1 to less than 5 |
| 5 to less than 10 | **2** | 5 to less than 10 |
| 10 to less than 20 | **3** | 10 to less than 20 |
| 20 to less than 50 | **4** | 20 and more |
| 50 to less than 100 | **5** | |
| 100 to less than 200 | **6** | |
| 200 to less than 250 | **7** | |
| 250 to less than 500 | **8** | |
| 500 to less than 1,000 | **9** | |
| 1,000 to less than 2,000 | **10** | |
| 2,000 and more | **11** | |

[pTarget] `t731416`: Number of employees Mother (aggregated)

| RemoteNEPS | | Download |
|---|---|---|
| 1 to less than 5 | **1** | 1 to less than 5 |
| 5 to less than 10 | **2** | 5 to less than 10 |
| 10 to less than 20 | **3** | 10 to less than 20 |
| 20 to less than 50 | **4** | 20 and more |
| 50 to less than 100 | **5** | |
| 100 to less than 200 | **6** | |
| 200 to less than 250 | **7** | |
| 250 to less than 500 | **8** | |
| 500 to less than 1,000 | **9** | |
| 1,000 to less than 2,000 | **10** | |
| 2,000 and more | **11** | |

[pTarget] `t731456`: Number of father's employees (categorized)

| RemoteNEPS | | Download |
|---|---|---|
| 1 to less than 5 | **1** | 1 to less than 5 |
| 5 to less than 10 | **2** | 5 to less than 10 |
| 10 to less than 20 | **3** | 10 to less than 20 |
| 20 to less than 50 | **4** | 20 and more |
| 50 to less than 100 | **5** | |
| 100 to less than 200 | **6** | |
| 200 to less than 250 | **7** | |
| 250 to less than 500 | **8** | |
| 500 to less than 1,000 | **9** | |
| 1,000 to less than 2,000 | **10** | |
| 2,000 and more | **11** | |

(...)

**Table 5:** (continued)

[pTarget] `t731466`: Number of employees Father (aggregated)

| RemoteNEPS | | Download | |
|---|---|---|---|
| 1 to less than 5 | **1** | 1 to less than 5 | |
| 5 to less than 10 | **2** | 5 to less than 10 | |
| 10 to less than 20 | **3** | 10 to less than 20 | |
| 20 to less than 50 | **4** | 20 and more | |
| 50 to less than 100 | **5** | | |
| 100 to less than 200 | **6** | | |
| 200 to less than 250 | **7** | | |
| 250 to less than 500 | **8** | | |
| 500 to less than 1,000 | **9** | | |
| 1,000 to less than 2,000 | **10** | | |
| 2,000 and more | **11** | | |

**Table 6:** Other variables which were purged in the Download-SUF

| file | variable | label |
|---|---|---|
| Weights | tx80113 | Total number of classes in the 8th grade (according to the Fed. Stat. Office) |
| Weights | tx80114 | Total number of classes in the 8th grade (according to the Fed. Stat. Office) |
| pCourseClass | e190011 | Class: number of students with special needs |
| pCourseClass | e199001 | Class: number of students with special needs learning |
| pCourseClass | e199002 | Class: number of students with special needs language |
| pCourseClass | e199003 | Class: number of students with special needs physical/motor development |
| pCourseClass | e199004 | Class: number of students with special needs emotional/social development |
| pCourseClass | e199005 | Class: number of students with special needs mental development |
| pCourseClass | e199006 | Class: number of students with special needs sight |
| pCourseClass | e199007 | Class: number of students with special needs hearing |
| pCourseClass | e199008 | Class: number of students with special needs autism |
| pCourseClass | e227400 | Class: number of female students |

(...)

**Table 6:** (continued)

| file | variable | label |
|------|----------|-------|
| pCourseClass | e227401 | Class: number of male students |
| pCourseClass | e451000 | Daycare: number of students with migrant background |
| pCourseClass | e79201a | Class: share class affiliation - lower stratum |
| pCourseClass | e79201b | Class: share class affiliation - middle stratum |
| pCourseClass | e79201c | Class: share class affiliation - upper stratum |
| pCourseClass | e79202a | Class: share parents with a higher education degree |
| pEducator | e537030 | Federal state higher education entrance qualification (federal state) |
| pEducator | e537200 | Federal state second state examination (federal state) |
| pEducator | e76212m | Month of birth |
| pInstitution | h76612m | Month of birth |
| pParent | p435030_g1 | "Religion & Religiousness: other religious community" |
| pTarget | t435030_g1 | "Religion & Religiousness: other religious community" |
| pTarget | t43504a_g1 | Religion or denomination (specific) |
| pTarget | tf40231_g1 | Study area subject combination first applied for - Subject 1 (destatis 2010/11) |
| pTarget | tf40231_g3 | ISCED-97 subject combination first applied for - Subject 1 (3-digits) |
| pTarget | tf40231_g4 | ISCED-97 subject combination first applied for - Subject 1 (2-digits) |
| pTarget | tf40232_g1 | Study area subject combination first applied for - Subject 2 (destatis 2010/11) |
| pTarget | tf40232_g3 | ISCED-97 subject combination first applied for - Subject 2 (3-digits) |
| pTarget | tf40232_g4 | ISCED-97 subject combination first applied for - Subject 2 (2-digits) |
| pTarget | tf40233_g1 | Study area subject combination first applied for - Subject 3 (destatis 2010/11) |
| pTarget | tf40233_g3 | ISCED-97 subject combination first applied for - Subject 3 (3-digits) |
| pTarget | tf40233_g4 | ISCED-97 subject combination first applied for - Subject 3 (2-digits) |
| pTarget | tf40235_g1 | Study area subject combination second applied for - Subject 1 (destatis 2010/11) |

(...)

**Table 6:** (continued)

| file | variable | label |
|------|----------|-------|
| pTarget | tf40235_g3 | ISCED-97 subject combination second applied for - Subject 1 (3-digits) |
| pTarget | tf40235_g4 | ISCED-97 subject combination second applied for - Subject 1 (2-digits) |
| pTarget | tf40236_g1 | Study area subject combination second applied for - Subject 2 (destatis 2010/11) |
| pTarget | tf40236_g3 | ISCED-97 subject combination second applied for - Subject 2 (3-digits) |
| pTarget | tf40236_g4 | ISCED-97 subject combination second applied for - Subject 2 (2-digits) |
| pTarget | tf40237_g1 | Study area subject combination second applied for - Subject 3 (destatis 2010/11) |
| pTarget | tf40237_g3 | ISCED-97 subject combination second applied for - Subject 3 (3-digits) |
| pTarget | tf40237_g4 | ISCED-97 subject combination second applied for - Subject 3 (2-digits) |
| spParentGap | ps29102 | other activity |
| spVocTrain | ts15401 | Higher education institution |
| spVocTrain | ts15404_g1 | Study area study/doctorate/habilitation subject 1 (destatis 2010/11) |
| spVocTrain | ts15404_g3 | ISCED-97 study/doctorate/habilitation subject 1 (3-digits) |
| spVocTrain | ts15404_g4 | ISCED-97 study/doctorate/habilitation subject 1 (2-digits) |
| spVocTrain | ts15405_g1 | Study area study subject 2 (destatis 2010/11) |
| spVocTrain | ts15405_g3 | ISCED-97 study subject 2 (3-digits) |
| spVocTrain | ts15405_g4 | ISCED-97 study subject 2 (2-digits) |
| spVocTrain | ts15406_g1 | Study area study subject 3 (destatis 2010/11) |
| spVocTrain | ts15406_g3 | ISCED-97 study subject 3 (3-digits) |
| spVocTrain | ts15406_g4 | ISCED-97 study subject 3 (2-digits) |
| xTargetCORONA | tm00002 | Impact: coronavirus infection - myself |
| xTargetCORONA | tm00003 | Impact: coronavirus infection - household |
| xTargetCORONA | tm00004 | Impact: coronavirus infection - relative |
| xTargetCORONA | tm00005 | Impact: coronavirus infection - friend/acquaintance |
| xTargetCORONA | tm00006 | Impact: coronavirus infection - colleague |
| xTargetCORONA | tm00008 | Impact: quarantine - myself |
| xTargetCORONA | tm00009 | Impact: quarantine - household |

(...)

**Table 6:** (continued)

| file | variable | label |
| --- | --- | --- |
| xTargetCORONA | tm00010 | Impact: quarantine - relative |
| xTargetCORONA | tm00011 | Impact: quarantine - friend/acquaintance |
| xTargetCORONA | tm00012 | Impact: quarantine - colleague |

# 3 Examples

The following examples compare variables from some selected topics. On the left side, you see these variables as they can be found in the RemoteNEPS-SUF (i.e., this is the variant of the variable which contains the full information). On the right side, you find the same variables, but from the Download-version of the SUF, that is, the aggregated or purged variant of the variable. This illustrates the anonymization applied.

# 3 Examples

## 3.1 Number of employees

The first example is a variable collected during the interview of Starting Cohort 6 (Adults). The question further investigates the occupational periphery of employers, while here, this employer is the mother of the respondent. On the left, you see the complete information as found in the RemoteNEPS-SUF. This variable is collected using seven classes, where the last four are sparsely filled (variable t731406_R, table on the lower left). Because of this, those four codes have been recoded into one category (»*20 and more*«) and a new variable is generated (t731406_D, upper left). In the Download-SUF, you find this aggregated variable unaltered (upper right). The variable t731406_R rich in content was purged, though. You see that all meaningful codes have been recoded to »*-53 Anonymized*«. Note that the missing code »*-54 Missing by design*« is transported to the Download-SUF unmodified, so you already can derive the actual *statistical power* of this variable.

| RemoteNEPS | Download |
|---|---|

```
SC6_pTarget_R_5-1-0.dta
(NEPS SUF, SC6 5.1.0 (remote); doi:10.5157/NEPS:SC6:5.1.0)

t731406_D -- Number of mother's employees (categorized)
-------------------------------------------
                         |      Freq.
-------------------------+-----------
Valid  -98 Don't know    |          7
       -97 Refused       |          1
       -54 Missing by design |     36700
       0   none          |        423
       1   1 to 4        |        330
       2   5 to 9        |         64
       3   10 to 19      |         22
       4   20 and more   |         28
       Total             |      37575
Missing .                |      15982
Total                    |      53557
-------------------------------------------


t731406_R -- Number of mother's employees
-------------------------------------------
                         |      Freq.
-------------------------+-----------
Valid  -98 Don't know    |          7
       -97 Refused       |          1
       -54 Missing by design |     36700
       0   None          |        423
       1   1 to 4        |        330
       2   5 to 9        |         64
       3   10 to 19      |         22
       4   20 to 49      |         21
       5   50 to 99      |          3
       6   100 to 199    |          3
       7   200 to 249    |          1
       Total             |      37575
Missing .                |      15982
Total                    |      53557
-------------------------------------------
```

```
SC6_pTarget_D_5-1-0.dta
(NEPS SUF, SC6 5.1.0 (download); doi:10.5157/NEPS:SC6:5.1.0)

t731406_D -- Number of mother's employees (categorized)
-------------------------------------------
                         |      Freq.
-------------------------+-----------
Valid  -98 Don't know    |          7
       -97 Refused       |          1
       -54 Missing by design |     36700
       0   none          |        423
       1   1 to 4        |        330
       2   5 to 9        |         64
       3   10 to 19      |         22
       4   20 and more   |         28
       Total             |      37575
Missing .                |      15982
Total                    |      53557
-------------------------------------------


t731406_R -- Number of mother's employees
-------------------------------------------
                         |      Freq.
-------------------------+-----------
Valid  -54 Missing by design |     36700
       -53 Anonymized    |        875
       Total             |      37575
Missing .                |      15982
Total                    |      53557
-------------------------------------------
```

### 3.2 Countries (aggregated list)

To illustrate the anonymization of countries, first have a look at this variable from Starting Cohort 6 (Adults). The information (»*respondent's country of birth*«) was surveyed during the interview. The collected information was recoded during data processing to different derived variables. The first of those is variable `t405010_g1R`, which contains the complete list of countries (lower left, output is shortened to enhance readability). Also, a second variable `t405010_g2` was generated, using a more coarse list. This is helpful if some information was collected, but it is too inaccurate to identify the country (e.g., if someone states he was born in North America, you do not know if he meant U.S. or Canada). This second variable is transported to the Download-SUF unaltered (upper right), which means it in some way represents the anonymized version. The first variable `t405010_g1R` with the full information is purged in the Download-SUF.

| RemoteNEPS | Download |
|---|---|

```
SC6_pTarget_R_5-1-0.dta
(NEPS SUF, SC6 5.1.0 (remote); doi:10.5157/NEPS:SC6:5.1.0)

t405010_g2 -- Country of birthplace (categorized)
-----------------------------------------------------------
                                            |     Freq.
------------------------------------------+-----------
Valid  -97 Refused                         |         2
       -54 Missing by design               |     36417
       -20 Foreign, but not codeable       |         5
         1 Germany                         |     15388
         2 Italy                           |        52
         3 Poland                          |       244
         4 Romania                         |        98
         5 Turkey                          |       182
         6 Former Yugoslavia               |       113
         7 Former Soviet Union             |       522
         8 Central and South America, Caribbean | 42
         9 Northern and Western Europe     |       154
        10 North America                   |        33
        12 Other Middle East and North Africa | 73
        13 Other Africa                    |        30
        14 Other Asia                      |        74
        15 Other Central and Eastern Europe|        84
        16 Other Southern Europe           |        44
           Total                           |     53557
-----------------------------------------------------------


t405010_g1R -- Country of place of birth
-----------------------------------------------------------
                                            |     Freq.
------------------------------------------+-----------
Valid  -97 Refused                         |         2
       -54 Missing by design               |     36417
       -20 Foreign, but not codeable       |         5
         0 germany                         |     15388
       120 yugoslavia                      |        30
       121 albania                         |         4
       122 bosnia and herzegovina          |        22
       124 belgium                         |         5
         :                                 |         :
       477 uzbekistan                      |         6
       479 china                           |         7
       482 malaysia                        |         2
       499 other asia                      |         1
           Total                           |     53557
-----------------------------------------------------------
```

```
SC6_pTarget_D_5-1-0.dta
(NEPS SUF, SC6 5.1.0 (download); doi:10.5157/NEPS:SC6:5.1.0)

t405010_g2 -- Country of birthplace (categorized)
-----------------------------------------------------------
                                            |     Freq.
------------------------------------------+-----------
Valid  -97 Refused                         |         2
       -54 Missing by design               |     36417
       -20 Foreign, but not codeable       |         5
         1 Germany                         |     15388
         2 Italy                           |        52
         3 Poland                          |       244
         4 Romania                         |        98
         5 Turkey                          |       182
         6 Former Yugoslavia               |       113
         7 Former Soviet Union             |       522
         8 Central and South America, Caribbean | 42
         9 Northern and Western Europe     |       154
        10 North America                   |        33
        12 Other Middle East and North Africa | 73
        13 Other Africa                    |        30
        14 Other Asia                      |        74
        15 Other Central and Eastern Europe|        84
        16 Other Southern Europe           |        44
           Total                           |     53557
-----------------------------------------------------------


t405010_g1R -- Country of place of birth
-----------------------------------------------
                                    |     Freq.
----------------------------------+-----------
Valid  -54 Missing by design       |     36417
       -53 Anonymized              |     17140
           Total                   |     53557
-----------------------------------------------
```

## 3.3 Countries (binary variable)

In school cohorts, an aggregation of countries is coarsened to the binary information German/ Non-German. To illustrate this, have a look at variables from Starting Cohort 2 (Kindergarten). The information (»*country of birth target child*«) was surveyed during the interview using a two-step procedure: first, the respondent is asked if the child was born in Germany or abroad (variable p406000, top left). This variable is not subject to anonymization and therefore does not have a suffix and is equally existent in both SUF-versions. If the child was born abroad, a second question regarding the specific country followed (variable p406010_g1R, lower left, output is reduced to enhance readability). This second question is purged in the Download-SUF (lower right). There is no need to generate an additional anonymized version of this second question, as the information is already present in the first shown variable (p406000).

| RemoteNEPS | Download |
|---|---|

```
SC2_pParent_R_3-0-0.dta
(NEPS SUF, SC2 3.0.0 (remote); doi:10.5157/NEPS:SC2:3.0.0)

p406000 -- Target child born in Germany?
-----------------------------------
                    |     Freq.
--------------------+--------------
Valid  -98 Don't know |        1
        1   Yes       |     7658
        2   No        |      173
        Total         |     7832
Missing .             |     3545
Total                 |    11377
-----------------------------------


p406010_g1R -- Country of birth target child
--------------------------------------------------------
                                  |     Freq.
----------------------------------+---------------------
Valid  -98 Don't know             |        1
       -20 Abroad, but not codeable |        1
        0   germany               |     7658
       124 belgium                |        2
       125 bulgaria               |        5
        :                         |        :
       475 syrian arab republic   |        2
       476 thailand               |        2
       479 china                  |        4
       536 new zealand            |        1
        Total                     |     7832
Missing .                         |     3545
Total                             |    11377
--------------------------------------------------------
```

```
SC2_pParent_D_3-0-0.dta
(NEPS SUF, SC2 3.0.0 (download); doi:10.5157/NEPS:SC2:3.0.0)

p406000 -- Target child born in Germany?
-----------------------------------
                    |     Freq.
--------------------+--------------
Valid  -98 Don't know |        1
        1   Yes       |     7658
        2   No        |      173
        Total         |     7832
Missing .             |     3545
Total                 |    11377
-----------------------------------


p406010_g1R -- Country of birth target child
-----------------------------------
                    |     Freq.
--------------------+--------------
Valid  -53 Anonymized |     7832
Missing .             |     3545
Total                 |    11377
-----------------------------------
```

## 3.4 Federal states

Regional locations are usually recoded to different derived variables (see section 2.3). In this example, we focus on the region of the school in Starting Cohort 3 (5th graders). The first derived variable is a binary variable for Western and Eastern Germany (tx80109_g1), present in both SUF-versions (upper left and upper right). The second variable tx80109_g2R, containing the federal states, is only complete in the RemoteNEPS-SUF (lower left), and is purged in the Download-SUF (lower right).

| RemoteNEPS | Download |
|---|---|

```
SC3_CohortProfile_R_3-1-0.dta
(NEPS SUF, SC3 3.1.0 (remote); doi:10.5157/NEPS:SC3:3.1.0)

tx80109_g1 -- Sample: Federal state school (west/east)
------------------------------------------------
                                    |      Freq.
------------------------------------+-----------
Valid  -55 Not determinable         |        458
        1   Western Germany         |      16299
        2   Eastern Germany incl. Berlin | 3784
        Total                       |      20541
------------------------------------------------


tx80109_g2R -- Sample: Federal state school
------------------------------------------------
                                    |      Freq.
------------------------------------+-----------
Valid  -55 Not determinable         |        458
        1   Schleswig-Holstein      |        784
        2   Hamburg                 |        377
        3   Lower Saxony            |       2209
        4   Bremen                  |        158
        5   North Rhine-Westphalia  |       4398
        6   Hesse                   |       1308
        7   Rhineland-Palatinate    |        971
        8   Baden-Wuerttemberg      |       3265
        9   Bavaria                 |       2677
        10  Saarland                |        152
        11  Berlin (Complete)       |        404
        12  Brandenburg             |       1143
        13  Mecklenburg-Western Pomerania | 619
        14  Saxony                  |        617
        15  Saxony-Anhalt           |        401
        16  Thuringia               |        600
        Total                       |      20541
------------------------------------------------
```

```
SC3_CohortProfile_D_3-1-0.dta
(NEPS SUF, SC3 3.1.0 (download); doi:10.5157/NEPS:SC3:3.1.0)

tx80109_g1 -- Sample: Federal state school (west/east)
------------------------------------------------
                                    |      Freq.
------------------------------------+-----------
Valid  -55 Not determinable         |        458
        1   Western Germany         |      16299
        2   Eastern Germany incl. Berlin | 3784
        Total                       |      20541
------------------------------------------------


tx80109_g2R -- Sample: Federal state school
------------------------------------------------
                                    |      Freq.
------------------------------------+-----------
Valid  -53 Anonymized               |      20541
------------------------------------------------
```

## 3  Examples

### 3.5  Class size

Sometimes, variables are collected numerical. In the example below, the number of students in class was surveyed from the educator in Starting Cohort 2 (Kindergarten) without any further regulations. Thus, the resulting variable e227400_g1R (lower left) does not have a coding scheme. This variable is aggregated to the variable e227400_g1D containing six different class-sizes (upper left). You find this aggregated version in both SUF-versions, the full numerical variable is purged in the Download-SUF, though (lower right).

| **RemoteNEPS** | **Download** |
|---|---|

```
SC2_pEducator_R_3-0-0.dta
(NEPS SUF, SC2 3.0.0 (remote); doi:10.5157/NEPS:SC2:3.0.0)

e227400_g1D -- Class: number of students, total (coarsed)
------------------------------------------
                            |    Freq.
----------------------------+-------------
Valid  -90 Unspecific missing |       10
       -54 Missing by design  |     1803
        1    Below 10         |        3
        2    10 to 14         |       26
        3    15 to 19         |      203
        4    20 to 24         |      450
        5    25 to 29         |      169
        6    30 to 34         |        4
             Total            |     2668
------------------------------------------

e227400_g1R -- Class: number of students total
------------------------------------------
                            |    Freq.
----------------------------+-------------
Valid  -90 Unspecific missing |       10
       -54 Missing by design  |     1803
        8                     |        3
        10                    |        1
        11                    |        1
        12                    |        4
        13                    |        8
        14                    |       12
        15                    |       21
        16                    |       22
        17                    |       34
        18                    |       58
        19                    |       68
        20                    |       75
        21                    |       89
        22                    |       98
        23                    |       88
        24                    |      100
        25                    |       83
        26                    |       39
        27                    |       27
        28                    |       14
        29                    |        6
        30                    |        3
        31                    |        1
             Total            |     2668
------------------------------------------
```

```
SC2_pEducator_D_3-0-0.dta
(NEPS SUF, SC2 3.0.0 (download); doi:10.5157/NEPS:SC2:3.0.0)

e227400_g1D -- Class: number of students, total (coarsed)
------------------------------------------
                            |    Freq.
----------------------------+-------------
Valid  -90 Unspecific missing |       10
       -54 Missing by design  |     1803
        1    Below 10         |        3
        2    10 to 14         |       26
        3    15 to 19         |      203
        4    20 to 24         |      450
        5    25 to 29         |      169
        6    30 to 34         |        4
             Total            |     2668
------------------------------------------

e227400_g1R -- Class: number of students total
------------------------------------------
                            |    Freq.
----------------------------+-------------
Valid  -54 Missing by design  |     1803
       -53 Anonymized         |      865
             Total            |     2668
------------------------------------------
```

# A  Appendix

## A.1  Complete overview

The following table lists all variables which are affected by anonymization methods. For all variables, full information is available OnSite, although for many of them, you already find this complete information in the RemoteNEPS-version. Only for those variables marked with an asterisk, the full information is only present OnSite. For most of the variables, an aggregated or generated version is available, which still transports some information to the Download-version. Please see the previous chapters for more information.

**Table 7:** Complete overview of all restricted variables

| file | variable | label (*only available OnSite) |
|------|----------|-------------------------------|
| pParent | p32601a | Position generator: country nurse or male nurse |
| pParent | p32601b | Position generator: country engineer |
| pParent | p32601c | Position generator: country warehouse/transport worker |
| pParent | p32601d | Position generator: country social worker |
| pParent | p32601e | Position generator: country sales clerk |
| pParent | p32601f | Position generator: country police officer |
| pParent | p32601g | Position generator: country physician |
| pParent | p32601h | Position generator: country banker |
| pParent | p32601k | Position generator: country motor mechanic |
| pParent | p32601l | Position generator: country legal practitioner |
| pParent | p32601m | Position generator: country optician |
| pParent | p32601n | Position generator: country translator |
| pParent | p32601o | Position generator: country teacher elem. school/Hauptschule/Realschule |
| pParent | p400010_g1 | Country of birth Respondent |
| pParent | p400010_g2 | Country of birth respondent (aggregated) |
| pParent | p400070_g1 | Country of birth Mother respondent |
| pParent | p400070_g2 | Country of birth Mother Respondent (aggregated) |
| pParent | p400090_g1 | Country of birth Father respondent |
| pParent | p400090_g2 | Country of birth Father Respondent (aggregated) |
| pParent | p400500_g3 | Group of origin |
| pParent | p400500_g3v1 | Group of origin |
| pParent | p401150_g2 | Citizenship respondent not German (aggregated) |
| pParent | p403010_g1 | Country of birth partner abroad |
| pParent | p403010_g2 | Country of birth partner (aggregated) |
| pParent | p403070_g1 | Country of birth Mother of partner |
| pParent | p403070_g2 | Country of birth Partner's mother (aggregated) |
| pParent | p403090_g1 | Country of birth Parther's father |
| pParent | p403090_g2 | Country of birth Partner's father (aggregated) |
| pParent | p404050_g2 | Other citizenship Partner (aggregated) |
| pParent | p406010_g1 | Country of birth of target child |
| pParent | p406010_g2 | Country of birth of target child (aggregated) |
| pParent | p407050_g2 | Citizenship target child (aggregated) |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) |
|------|----------|-------------------------------|
| pParent | p407060_g2 | Second citizenship Target child (aggregated) |
| pParent | p731804_g1 | Highest educational qualification Respondent abroad (country) |
| pParent | p731804_g2 | Country of highest educational qualification respondent (aggregated) |
| pParent | p731823_g1 | Country of vocational qualification (additional response) |
| pParent | p731823_g2 | Country of professional qualification (additional response, aggregated) |
| pParent | p731854_g1 | Country highest school-leaving qualification abroad partner |
| pParent | p731854_g2 | Highest educational qualification partner abroad (country, aggregated) |
| pParent | p731873_g1 | Country of vocational qualification, partner, (additional response) |
| pParent | p731873_g2 | Country of professional qualification partner (additional response, aggregated) |
| pTarget | t32601a | Position generator: country nurse |
| pTarget | t32601b | Position generator: country engineer |
| pTarget | t32601c | Position generator: country warehouse/transport worker |
| pTarget | t32601d | Position generator: country social worker |
| pTarget | t32601e | Position generator: country salesperson |
| pTarget | t32601f | Position generator: country police officer |
| pTarget | t32601g | Position generator: country physician |
| pTarget | t32601h | Position generator: country banker |
| pTarget | t32601k | Position generator: country motor mechanic |
| pTarget | t32601l | Position generator: country legal practitioner |
| pTarget | t32601m | Position generator: country optician |
| pTarget | t32601n | Position generator: country translator |
| pTarget | t32601o | Position generator: country teacher at elementary school/Hauptschule/Realschule |
| pTarget | t400000_g1 | Birth country |
| pTarget | t400000_g2 | Country of birth (aggregated) |
| pTarget | t400070_g1 | Mother: Country of birth |
| pTarget | t400070_g2 | Mother: Country of birth (aggregated) |
| pTarget | t400090_g1 | Father: Country of birth |
| pTarget | t400090_g2 | Father: Country of birth (aggregated) |
| pTarget | t400220_g1 | Country of birth of your mother's mother |
| pTarget | t400220_g2 | Mother's mother: country of birth (aggregated) |
| pTarget | t400240_g1 | Country of birth of your mother's father |
| pTarget | t400240_g2 | Mother's father: Country of birth (aggregated) |
| pTarget | t400260_g1 | Country of birth of your father's mother |
| pTarget | t400260_g2 | Father's mother: country of birth (aggregated) |
| pTarget | t400280_g1 | Country of birth of your father's father |
| pTarget | t400280_g2 | Father's father: Country of birth (aggregated) |
| pTarget | t400500_g3 | Group of origin |
| pTarget | t400500_g3v1 | Group of origin |
| pTarget | t405510_g1 | Country of birth respondent |
| pTarget | t405510_g2 | Country of birth Respondent (aggregated) |
| pTarget | t405560_g1 | Country of birth Mother Respondent |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) |
|------|----------|-------------------------------|
| pTarget | t405560_g2 | Country of birth Mother Respondent (aggregated) |
| pTarget | t405570_g1 | Country of birth Maternal grandmother |
| pTarget | t405570_g2 | Country of birth Maternal grandmother (aggregated) |
| pTarget | t405580_g1 | Country of birth Maternal grandfather |
| pTarget | t405580_g2 | Country of birth Maternal grandfather (aggregated) |
| pTarget | t405600_g1 | Country of birth Father Respondent |
| pTarget | t405600_g2 | Country of birth Father Respondent (aggregated) |
| pTarget | t405610_g1 | Country of birth Paternal grandmother |
| pTarget | t405610_g2 | Country of birth Paternal grandmother (aggregated) |
| pTarget | t405620_g1 | Country of birth Paternal grandfather |
| pTarget | t405620_g2 | Country of birth Paternal grandfather (aggregated) |
| pTarget | t406100_g2 | other nationality |
| pTarget | t431010_g1 | Country of destination |
| pTarget | t751004_g1 | Country of residence (abroad) |
| pTarget | t751004_g2 | Country of residence (aggregated) |
| pTarget | t751015_g1 | Country of secondary residence (abroad) |
| pTarget | t751015_g2 | Country of secondary residence (aggregated) |
| spEmp | ts23239_g1 | Country of workplace |
| spEmp | ts23239_g2 | Country of workplace (aggregated) |
| spParentSchool | p723060_g1 | Country of school |
| spParentSchool | p723060_g2 | Country of school (aggregated) |
| spSchool | ts1120s_g1 | Country of school |
| spSchool | ts1120s_g2 | Country of school (aggregated) |
| spSchoolExtExam | ts11301_g1 | Country of awarded school-leaving qualification |
| spSchoolExtExam | ts11301_g2 | Country of awarded school-leaving qualification (aggregated) |
| spVocExtExam | ts15303_g1 | Country of external examination |
| spVocExtExam | ts15303_g2 | Country of external examination (aggregated) |
| spVocTrain | ts1521s_g1 | Country of vocational training |
| spVocTrain | ts1521s_g2 | Country of vocational training (aggregated) |
| spVocTrain | ts15294_g1 | 1st country stay abroad |
| spVocTrain | ts15294_g2 | 1st country stay abroad (aggregated) |
| spVocTrain | ts15295_g1 | 2nd country stay abroad |
| spVocTrain | ts15295_g2 | 2nd country stay abroad (aggregated) |
| ParentMethods | px80204 | Interview: interview language (realized case) |
| TargetMethods | tx80204 | Interview: interview language (realized case) |
| pEducator | e41100a_g2 | Mother tongue (reference 1, ISO 639.2) |
| pEducator | e41100a_g3 | Mother tongue (reference 2, ISO 639.2) |
| pEducator | e41100a_g4 | Mother tongue (reference 3, ISO 639.2) |
| pEducator | e41100a_g5 | Mother tongue (reference 4, ISO 639.2) |
| pParent | p410000_g1 | First language/mother tongue Child (ISO 639.2) |
| pParent | p410000_g2 | First language/mother tongue Child (aggregated) |
| pParent | p410002_g1 | Further first language/mother tongue Child (ISO 639.2) |
| pParent | p410002_g2 | Further first language/mother tongue Child (aggregated) |
| pParent | p412001_g1 | Interaction language Household, detailed (ISO 639.2) |
| pParent | p412001_g2 | Interactive language household detailed (aggregated) |
| pParent | p413000_g1 | First language/mother tongue Respondent (ISO 639.2) |
| pParent | p413000_g2 | First language/mother tongue Respondent (aggregated) |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|------|----------|-------------------------------|---|
| pParent | p413002_g1 | Further first language/mother tongue Respondent (ISO 639.2) | |
| pParent | p413002_g2 | Further first language/mother tongue Respondent (aggregated) | |
| pParent | p414000_g1 | First language/mother tongue Partner (ISO 639.2) | |
| pParent | p414000_g2 | First language/mother tongue Partner (aggregated) | |
| pParent | p414002_g1 | Further first language/mother tongue Partner (ISO 639.2) | |
| pParent | p414002_g2 | Further first language/mother tongue Partner (aggregated) | |
| pParent | p414100_g1 | First language/mother tongue New partner (ISO 639.2) | |
| pParent | p414100_g2 | First language/mother tongue New partner (aggregated) | |
| pParent | p414102_g1 | Further first language/mother tongue New partner (ISO 639.2) | |
| pParent | p414102_g2 | Further first language/mother tongue New partner (aggregated) | |
| pTarget | t41000a_g2 | Mother tongue (reference 1, ISO 639.2) | |
| pTarget | t41000a_g3 | Mother tongue (reference 2, ISO 639.2) | |
| pTarget | t41000a_g4 | Mother tongue (reference 3, ISO 639.2) | |
| pTarget | t41000a_g5 | Mother tongue (reference 4, ISO 639.2) | |
| pTarget | t410010_g2 | Second language (Specification 1, ISO 639.2) | |
| pTarget | t410010_g3 | Second language (Specification 2, ISO 639.2) | |
| pTarget | t410010_g4 | Second language (Specification 3, ISO 639.2) | |
| pTarget | t410010_g5 | Second language (Specification 4, ISO 639.2) | |
| pTarget | t41010a_g2 | Mother: Mother tongue (reference 1, ISO 639.2) | |
| pTarget | t41010a_g3 | Mother: Mother tongue (reference 2, ISO 639.2) | |
| pTarget | t41010a_g4 | Mother: Mother tongue (reference 3, ISO 639.2) | |
| pTarget | t41010a_g5 | Mother: Mother tongue (reference 4, ISO 639.2) | |
| pTarget | t41012a_g2 | Father: Mother tongue (Specification 1, ISO 639.2) | |
| pTarget | t41012a_g3 | Father: Mother tongue (Specification 2, ISO 639.2) | |
| pTarget | t41012a_g4 | Father: Mother tongue (Specification 3, ISO 639.2) | |
| pTarget | t41012a_g5 | Father: Mother tongue (Specification 4, ISO 639.2) | |
| pTarget | t414000_g1 | First mother tongue (ISO 639.2) | |
| pTarget | t414000_g2 | First mother tongue (categorized) | |
| pTarget | t414002_g1 | Second mother tongue (ISO 639.2) | |
| pTarget | t414002_g2 | Second mother tongue (categorized) | |
| pParent | p401150_g1 | Other citizenship respondent | |
| pParent | p404050_g1 | Other citizenship Partner | |
| pParent | p407050_g1 | Citizenship Target child | |
| pParent | p407060_g1 | Second citizenship Target child | |
| pTarget | t40115a_g2 | Citizenship (Specification 1; coded) | |
| pTarget | t40115a_g3 | Citizenship (Specification 2; coded) | |
| pTarget | t40115a_g4 | Citizenship (Specification 3; coded) | |
| pTarget | t406100_g1 | other nationality | |
| TargetMethods | tx80411 | Problems Contacting (open) | * |
| TargetMethods | tx80413 | Problems Conducting (open) | * |
| pCourseGerman | ed0015x | Spelling knowledge - other | * |
| pCourseGerman | ed0016h | Strategies - other | * |
| pInstitution | h22131x | All-day school programs: other offers, text 1 | * |
| pInstitution | h22131y | All-day school programs: other offers, text 2 | * |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|------|----------|-------------------------------|---|
| pInstitution | h22131z | All-day school programs: other offers, text 3 | * |
| pInstitution | h22202t | School: quality: other, text | * |
| pInstitution | h227011 | School: full-time teachers school subject: other school subjects, text1 | * |
| pInstitution | h227012 | School: full-time teachers school subject: other school subjects, text2 | * |
| pInstitution | h227013 | School: full-time teachers school subject: other school subjects, text3 | * |
| pInstitution | h229003 | School: approach: educational, text | * |
| pInstitution | h229005 | School: approach: promotion, text | * |
| pInstitution | h229007 | School: approach: integration, text | * |
| pInstitution | h229009 | School: approach: other, text | * |
| pInstitution | h22901t | School: profile: other, text | * |
| pInstitution | h41700a | Other remedial measures, other | * |
| pInstitution | h41702a | Parent training programs, migration, other | * |
| pInstitution | h41704a | Teacher training programs, migration, other | * |
| pInstitution | hd0041b | other function in school administration, namely: | * |
| pParent | p19020j | Special needs OPEN | * |
| pParent | p26210t | Parents: tutoring, other subject (open) | * |
| pParent | p296402 | Wish: What profession should TC learn | * |
| pParent | p401001 | Immigration status other | * |
| pParent | p731803 | Highest educational qualification Respondent, type open | * |
| pParent | p731814 | Vocational qualification respondent (open) | * |
| pParent | p731817 | Type Tertiary qualification Respondent (open) | * |
| pParent | p731853 | Highest educational qualification Partner, type open | * |
| pParent | p731864 | Professional qualification Partner (open) | * |
| pParent | p731867 | Type Tertiary qualification Partner (open) | * |
| pTarget | t22260t | School involvement: other, text | * |
| pTarget | t242401 | Study subject other | * |
| pTarget | t261201 | Student: Internship duration | * |
| pTarget | t26212a | Student: Tutoring subject 1. response | * |
| pTarget | t26212b | Student: Tutoring subject 2. response | * |
| pTarget | t26212c | Student: Tutoring subject 3. response | * |
| pTarget | t262400 | Student: part-time job content | * |
| pTarget | t268111 | Student: Tutoring Place somewhere else, Text | * |
| pTarget | t27111d | Courses outside school: other courses: text, where | * |
| pTarget | t27111t | Courses outside School: other courses, open | * |
| pTarget | t27111u | Courses outside school: other courses: text, what | * |
| pTarget | t27111v | Courses outside school - youth art school | * |
| pTarget | t27111w | Courses outside school - adult education center (VHS) - open | * |
| pTarget | t27111x | Course; youth art school - open | * |
| pTarget | t27270h | Student: Participation organization/ group: other, text | * |
| pTarget | t29172n | Admission Master's program: other open | * |
| pTarget | t29175i | other information and qualification opportunities, open | * |
| pTarget | t29186m | other sources of information, open | * |
| pTarget | t31060a | Idealistic career aspirations: career aspiration | * |
| pTarget | t31060c | Idealistic educational aspirations: Ideal profession | * |
| pTarget | t31160a | Realistic career aspirations: career aspiration | * |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|------|----------|-------------------------------|---|
| pTarget | t31160c | Realistic educational aspirations: expected profession | * |
| pTarget | t34002f | Frequency reading (genre): namely | * |
| pTarget | t405531 | Immigration status partner: other | * |
| pTarget | t42850x | Country of origin - family | * |
| pTarget | t526012 | Place warm meal: other place | * |
| pTarget | t531229 | other source of finance, open | * |
| pTarget | t731302 | other school-leaving qualification mother | * |
| pTarget | t731304 | Other professional qualification mother (open) | * |
| pTarget | t731305 | other educational institution Mother (open) | * |
| pTarget | t731307 | other higher education qualification Mother (open) | * |
| pTarget | t731309 | other institution awarding higher education degrees Mother (open) | * |
| pTarget | t731352 | other school-leaving qualification father | * |
| pTarget | t731354 | Other professional qualification father (open) | * |
| pTarget | t731355 | other educational institution Father (open) | * |
| pTarget | t731357 | other higher education qualification Father (open) | * |
| pTarget | t731359 | other institution awarding higher education degrees Father (open) | * |
| pTarget | td0021x | Favorite subject | * |
| pTarget | te00013 | Grade School graduation - open | * |
| pTarget | te05017 | Idealistic educ. aspiration - higher ed. inst. type - other, namely | * |
| pTarget | te05025 | Idealistic educ. aspiration - type of vocational training, open | * |
| pTarget | te05112 | Idealistic educational aspiration - type of higher education institution - open | * |
| pTarget | te05122 | Idealistic educational aspiration - type of vocational training - open | * |
| pTarget | te06010 | Idealistic aspiration study subject | * |
| pTarget | te06020 | Idealistic aspiration study subject combination subject | * |
| pTarget | te08010 | Idealistic aspiration: vocational training profession | * |
| pTarget | te09017 | Realistic educational aspiration - type of higher education institution open | * |
| pTarget | te09025 | Realistic educational aspiration - type of vocational training open | * |
| pTarget | te09112 | Realistic educational aspiration – type of higher education institution - open | * |
| pTarget | te09122 | Realistic educational aspiration – type of vocational training - open | * |
| pTarget | te10010 | Realistic aspiration study subject | * |
| pTarget | te10020 | Realistic educational aspiration subject of study combination subject | * |
| pTarget | te11010 | Realistic educational aspiration: vocational training | * |
| pTarget | te14116 | other subjects at advanced requirement level - other subject | * |
| pTarget | te16010 | 1st examination subject | * |
| pTarget | te16020 | 2nd examination subject | * |
| pTarget | te16030 | 3rd examination subject | * |
| pTarget | te16040 | 4th examination subject | * |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|------|----------|-------------------------------|---|
| pTarget | te16050 | 5th examination subject | * |
| pTarget | tf00070 | First career aspiration | * |
| pTarget | tf0013b | Second career aspiration Indication | * |
| pTarget | tf0021b | Vocational training | * |
| pTarget | tf00260 | Application Profession 1 | * |
| pTarget | tf0029b | Application Profession 2 | * |
| pTarget | tf24540 | Text Selected occupation | * |
| pTarget | tg50201 | other higher education degree | * |
| pTarget | tg5120s | Study organization semester/trimester, open | * |
| pTarget | tg7991f | Type of job: other - open | * |
| pTarget | th18021 | Other learning material: open | * |
| pTarget | th18021_v1 | Other learning material: open (temp. drop-out) | * |
| pTarget | th18047 | Changed learning opportunities during school closure: other open | * |
| pTarget | th18047_v1 | Changed learning opport. during school closure: other open (temp. drop-out) | * |
| pTarget | th18051 | Information higher education institution: open | * |
| pTarget | th18051_v1 | Information higher education institution: open (temp. drop-out) | * |
| pTarget | th24539 | Text selected occupation (HV h_etauswahl 65kJM(SC3)/26fET(SC4,SC6)) | * |
| pTarget | th34398 | Main occupation episode job tasks | * |
| spCourses | t272011_w1 | Course content | * |
| spCourses | t272011_w2 | Course content | * |
| spCourses | t272011_w3 | Course content | * |
| spCourses | t272011_w4 | Course content | * |
| spCourses | t272011_w5 | Course content | * |
| spCourses | t272044_w1 | Type certificate | * |
| spCourses | t272044_w2 | Type certificate | * |
| spCourses | t272044_w3 | Type certificate | * |
| spCourses | t272044_w4 | Type certificate | * |
| spCourses | t272044_w5 | Type certificate | * |
| spFurtherEdu1 | t272000 | Course content | * |
| spFurtherEdu1 | t272044 | Type certificate | * |
| spGap | ts29102 | other activity | * |
| spMilitary | ts21401 | Other voluntary service (25108a) | * |
| spParentSchool | p723090 | Type of school (open) | * |
| spSchool | ts11206 | other type of school | * |
| spSchool | ts11251 | 1st Abitur subject, open | * |
| spSchool | ts11252 | 2nd Abitur subject, open | * |
| spSchool | ts11253 | 3rd Abitur subject, open | * |
| spSchool | ts11254 | 4th Abitur subject, open | * |
| spSchool | ts11255 | 5th Abitur subject, open | * |
| spSchoolExtExam | ts11305 | Awarded other school-leaving qualification | * |
| spSchoolExtExam | ts11324 | 1st Abitur subject (awarded qualification), open | * |
| spSchoolExtExam | ts11325 | 2nd Abitur subject (awarded qualification), open | * |
| spSchoolExtExam | ts11326 | 3rd Abitur subject (awarded qualification), open | * |
| spSchoolExtExam | ts11327 | 4th Abitur subject (awarded qualification), open | * |
| spSchoolExtExam | ts11328 | 5th Abitur subject (awarded qualification), open | * |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|---|---|---|---|
| spVocExtExam | ts15305 | Other external examination qualification | * |
| spVocTrain | ts15412 | other degree (open) | * |
| spVocTrain | ts15458 | Support during vocational training program other, open | * |
| xTargetCORONA | th80002 | Content media - digital | * |
| xTargetCORONA | tm00040 | Childcare situation NEPS child - open | * |
| xTargetCORONA | tm00048 | Childcare situation - open | * |
| xTargetCORONA | tm00056 | Other learning material: open | * |
| xTargetCORONA | tm00071 | Changed learning opportunities during school closure - other, open | * |
| xTargetCORONA | tm00085 | Learning materials - open | * |
| xTargetCORONA | tm00097 | Changed learning opportunities during school closure - other, open | * |
| xTargetCORONA | tm00109 | Offered courses - other, open | * |
| xTargetCORONA | tm00115 | Information higher education institution, open | * |
| xTargetCORONA | tm00140 | Chances Future | * |
| CohortProfile | tx80109_g2 | Sample: Federal state school | |
| Weights | stratum_imp2 | implicit stratum 2 (federal states of institution) | |
| Weights | stratum_imp3 | implicit stratum 3 (regional classification of institution) | |
| Weights | stratum_imp4 | implicit stratum 4 (organizing institution) | |
| pEducator | e537110_g2 | Place of study Teaching degree course (federal state) | |
| pEducator | e537110_g3 | Place of study Teaching degree course (administrative district) | |
| pEducator | e537110_g4 | Place of study Teaching degree course (district, status 2013) | |
| pEducator | e537170_g2 | Location: passed the state examination (federal state) | |
| pEducator | e537170_g3 | Location: passed the state examination (administrative district) | |
| pEducator | e537170_g4 | Location: passed the state examination (district, status 2013) | |
| pParent | p751001_g2 | Place of residence (federal state) | |
| pTarget | t700101_g2 | Municipality of birth (federal state) | |
| pTarget | t751001_g2 | Residential municipality (RS federal state) | |
| pTarget | t751011_g2 | Municipality secondary residence (federal state) | |
| pTarget | ts11202_g2 | Municipality of school (federal state) | |
| pTarget | ts11203 | Federal state of school | |
| pTarget | tx44401_g2 | Location of school (federal state) | |
| spEmp | ts23237_g2 | Location of workplace (RS federal state) | |
| spParentSchool | p723030_g2 | Municipality of school (federal state) | |
| spSchool | ts11202_g2 | Municipality of school (federal state) | |
| spSibling | p723050 | Federal state of school | |
| spVocPrep | ts13105_g2 | Municipality of measure (federal state) | |
| spVocTrain | ts15207_g2 | Municipality of training facility (federal state) | |
| spVocTrain | ts15429 | Federal state of university location | |
| CohortProfile | tx80109_g3 | Sample: administrative district school | * |
| CohortProfile | tx80109_g4 | Sample: district school | * |
| pParent | p751001_g3 | Place of residence (administrative district) | * |
| pParent | p751001_g4 | Place of residence (district) | * |
| pTarget | t700101_g3 | Municipality of birth (administrative district) | * |
| pTarget | t700101_g4 | Municipality of birth (district) | * |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|------|----------|-------------------------------|---|
| pTarget | t751001_g3 | Residential municipality (administrative district) | * |
| pTarget | t751001_g4 | Residential municipality (district) | * |
| pTarget | t751011_g3 | Municipality secondary residence (administrative district) | * |
| pTarget | t751011_g4 | Municipality secondary residence (district) | * |
| pTarget | ts11202_g3 | Municipality of school (administrative district) | * |
| pTarget | ts11202_g4 | Municipality of school (district) | * |
| pTarget | tx44401_g3 | Location of the school (administrative district) | * |
| pTarget | tx44401_g4 | Location of the school (district) | * |
| spEmp | ts23237_g3 | Location of workplace (administrative district) | * |
| spEmp | ts23237_g4 | Location of workplace (district) | * |
| spParentSchool | p723030_g3 | Municipality of school (administrative district) | * |
| spParentSchool | p723030_g4 | Municipality of school (district) | * |
| spSchool | ts11202_g3 | Municipality of school (administrative district) | * |
| spSchool | ts11202_g4 | Municipality of school (district) | * |
| spVocPrep | ts13105_g3 | Municipality of measure (administrative district) | * |
| spVocPrep | ts13105_g4 | Municipality of measure (district) | * |
| spVocTrain | ts15207_g3 | Municipality of training facility (administrative district) | * |
| spVocTrain | ts15207_g4 | Municipality of training facility (district) | * |
| pCourseClass | e227400_g1 | Class: number of students total | |
| pCourseClass | e229400 | Class: facilities: classroom size | |
| pCourseGerman | ed0001h | Lessons German (number) | |
| pCourseGerman | ed0001m | Lessons German (minutes) | |
| pCourseGerman | ed0002h | Number of remedial German lessons | |
| pCourseMath | ed00035 | Remedial Math teaching lessons | |
| pCourseMath | ed0025h | Lessons Mathematics (number) | |
| pCourseMath | ed0025m | Lessons Mathematics (minutes) | |
| pEducator | e229820 | Time in profession - overall | |
| pEducator | e229821 | Time in profession - school | |
| pEducator | e536020 | Age Career choice | |
| pEducator | e53702y | Year of university entrance qualification | |
| pEducator | e53710y | Start Teaching degree course | |
| pEducator | e537150 | Year of state examination | |
| pEducator | e76212y | Year of birth | |
| CohortProfile | tx80505 | List of children/students: special educational needs target child | |
| pParent | p727001 | Recommendation secondary school or course of education, which ones? | |
| pParent | p727002 | Recommendation secondary school or course of education, further? | |
| pParent | p731911 | Number of employees respondent | |
| pParent | p731961 | Number of employees Partner | |
| pTarget | t731406 | Number of mother's employees | |
| pTarget | t731416 | Number of employees Mother | |
| pTarget | t731456 | Number of father's employees | |
| pTarget | t731466 | Number of employees Father | |
| Weights | tx80113 | Total number of classes in the 8th grade (according to the Fed. Stat. Office) | |
| Weights | tx80114 | Total number of classes in the 8th grade (according to the Fed. Stat. Office) | |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|---|---|---|---|
| pCourseClass | e190011 | Class: number of students with special needs | |
| pCourseClass | e199001 | Class: number of students with special needs learning | |
| pCourseClass | e199002 | Class: number of students with special needs language | |
| pCourseClass | e199003 | Class: number of students with special needs physical/-motor development | |
| pCourseClass | e199004 | Class: number of students with special needs emotional/-social development | |
| pCourseClass | e199005 | Class: number of students with special needs mental development | |
| pCourseClass | e199006 | Class: number of students with special needs sight | |
| pCourseClass | e199007 | Class: number of students with special needs hearing | |
| pCourseClass | e199008 | Class: number of students with special needs autism | |
| pCourseClass | e227400 | Class: number of female students | |
| pCourseClass | e227401 | Class: number of male students | |
| pCourseClass | e451000 | Daycare: number of students with migrant background | |
| pCourseClass | e79201a | Class: share class affiliation - lower stratum | |
| pCourseClass | e79201b | Class: share class affiliation - middle stratum | |
| pCourseClass | e79201c | Class: share class affiliation - upper stratum | |
| pCourseClass | e79202a | Class: share parents with a higher education degree | |
| pEducator | e537030 | Federal state higher education entrance qualification (federal state) | |
| pEducator | e537200 | Federal state second state examination (federal state) | |
| pEducator | e76212m | Month of birth | * |
| pInstitution | h76612m | Month of birth | * |
| pParent | p435030_g1 | "Religion & Religiousness: other religious community" | |
| pTarget | t435030_g1 | "Religion & Religiousness: other religious community" | |
| pTarget | t43504a_g1 | Religion or denomination (specific) | |
| pTarget | tf40231_g1 | Study area subject combination first applied for - Subject 1 (destatis 2010/11) | |
| pTarget | tf40231_g3 | ISCED-97 subject combination first applied for - Subject 1 (3-digits) | |
| pTarget | tf40231_g4 | ISCED-97 subject combination first applied for - Subject 1 (2-digits) | |
| pTarget | tf40232_g1 | Study area subject combination first applied for - Subject 2 (destatis 2010/11) | |
| pTarget | tf40232_g3 | ISCED-97 subject combination first applied for - Subject 2 (3-digits) | |
| pTarget | tf40232_g4 | ISCED-97 subject combination first applied for - Subject 2 (2-digits) | |
| pTarget | tf40233_g1 | Study area subject combination first applied for - Subject 3 (destatis 2010/11) | |
| pTarget | tf40233_g3 | ISCED-97 subject combination first applied for - Subject 3 (3-digits) | |
| pTarget | tf40233_g4 | ISCED-97 subject combination first applied for - Subject 3 (2-digits) | |
| pTarget | tf40235_g1 | Study area subject combination second applied for - Subject 1 (destatis 2010/11) | |
| pTarget | tf40235_g3 | ISCED-97 subject combination second applied for - Subject 1 (3-digits) | |

(...)

**Table 7:** (continued)

| file | variable | label (*only available OnSite) | |
|---|---|---|---|
| pTarget | tf40235_g4 | ISCED-97 subject combination second applied for - Subject 1 (2-digits) | |
| pTarget | tf40236_g1 | Study area subject combination second applied for - Subject 2 (destatis 2010/11) | |
| pTarget | tf40236_g3 | ISCED-97 subject combination second applied for - Subject 2 (3-digits) | |
| pTarget | tf40236_g4 | ISCED-97 subject combination second applied for - Subject 2 (2-digits) | |
| pTarget | tf40237_g1 | Study area subject combination second applied for - Subject 3 (destatis 2010/11) | |
| pTarget | tf40237_g3 | ISCED-97 subject combination second applied for - Subject 3 (3-digits) | |
| pTarget | tf40237_g4 | ISCED-97 subject combination second applied for - Subject 3 (2-digits) | |
| spParentGap | ps29102 | other activity | * |
| spVocTrain | ts15401 | Higher education institution | |
| spVocTrain | ts15404_g1 | Study area study/doctorate/habilitation subject 1 (destatis 2010/11) | |
| spVocTrain | ts15404_g3 | ISCED-97 study/doctorate/habilitation subject 1 (3-digits) | |
| spVocTrain | ts15404_g4 | ISCED-97 study/doctorate/habilitation subject 1 (2-digits) | |
| spVocTrain | ts15405_g1 | Study area study subject 2 (destatis 2010/11) | |
| spVocTrain | ts15405_g3 | ISCED-97 study subject 2 (3-digits) | |
| spVocTrain | ts15405_g4 | ISCED-97 study subject 2 (2-digits) | |
| spVocTrain | ts15406_g1 | Study area study subject 3 (destatis 2010/11) | |
| spVocTrain | ts15406_g3 | ISCED-97 study subject 3 (3-digits) | |
| spVocTrain | ts15406_g4 | ISCED-97 study subject 3 (2-digits) | |
| xTargetCORONA | tm00002 | Impact: coronavirus infection - myself | |
| xTargetCORONA | tm00003 | Impact: coronavirus infection - household | |
| xTargetCORONA | tm00004 | Impact: coronavirus infection - relative | |
| xTargetCORONA | tm00005 | Impact: coronavirus infection - friend/acquaintance | |
| xTargetCORONA | tm00006 | Impact: coronavirus infection - colleague | |
| xTargetCORONA | tm00008 | Impact: quarantine - myself | |
| xTargetCORONA | tm00009 | Impact: quarantine - household | |
| xTargetCORONA | tm00010 | Impact: quarantine - relative | |
| xTargetCORONA | tm00011 | Impact: quarantine - friend/acquaintance | |
| xTargetCORONA | tm00012 | Impact: quarantine - colleague | |
| pTargetMicrom | | | * |
| pTargetRegioInfas | | | * |
| pInstitutionMicrom | | | * |
| pInstitutionRegioInfas | | | * |
| pInstitution | | | |

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