

# The Turkish and Moroccan second generation and their comparison group peers in Amsterdam and Rotterdam

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The Integration of the European Second Generation  
Technical Report and Codebook  
TIES 2006-2007 – The Netherlands

N.E. Hornstra  
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group peers in Amsterdam and Rotterdam

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Data – and documentation files are available in EASY under:

Persistent-Identifier: [urn:nbn:nl:13-cor-2u9](https://nbn-resolving.org/urn:nbn:nl:13-cor-2u9)

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## Foreword

This publication provides a technical description of the TIES project (The Integration of the European Second generation) survey data collected in the Netherlands in 2006-2007. At the time of writing of this report, all authors were staff members of NIDI. Currently Nienke Hornstra works as a policy advisor at the MBO Raad for Intermediate Vocational Training in Woerden, while George Groenewold works as a senior researcher at the Netherlands Interdisciplinary Demographic Institute (NIDI) in The Hague, and Laurence Lessard-Phillips as a research associate at the Institute for Social Change, University of Manchester.

This publication complements another AUP publication entitled “The Position of the Turkish and Moroccan Second Generation in Amsterdam and Rotterdam”, edited by M. Crul and L. Heering, in the IMISCOE research series.

The TIES project is an international collaborative survey research endeavour of institutes in Austria, Belgium, France, Germany, Spain, Sweden, Switzerland, and the Netherlands. The project was implemented under the umbrella of the IMISCOE (International Migration, Integration and Social Cohesion) Network of Excellence. Funding of the project was obtained from the Swiss Stiftung für Bevölkerung, Migration und Umwelt (BMU), the German Volkswagen Stiftung, the European Science Foundation (ESF), the Netherlands Organization for Scientific Research (NWO), the Royal Academy of Arts and Sciences (KNAW), the Ministry of Justice (DCIM), and the municipalities of Amsterdam and Rotterdam.

The project was designed, implemented and coordinated by Maurice Crul, Hans Vermeulen and Jens Schneider of the Institute for Migration and Ethnic Studies (IMES) at the University of Amsterdam. Technical guidance and coordination of all TIES surveys, including the harmonization of an international dataset of almost 10,000 respondents, was done by a sequence of teams from the Netherlands Interdisciplinary Demographic Institute (NIDI): Jeannette Schoorl and Ernst Spaan; Liesbeth Heering and George Groenewold; and Laurence Lessard-Phillips, Nienke Hornstra and Christopher Ross.

Main sources for this report were the “Appendix: Sample Design, TIES survey implementation and evaluation” (Groenewold, 2008), from the publication mentioned above, and the fieldwork report by the survey bureau that implemented the TIES survey in the Netherlands (Veldkamp, 2007).

The SPSS data files as well as additional documentation files, are available via EASY, the online archiving system of Data Archiving and Networked Services (DANS). The Persistent Identifier of the dataset is urn:nbn:nl:ui:13-cor-2u9.

The upgrading of the dataset to the international standard of the project was realised with additional financial support of DANS. For detailed information of the International TIES Project see: [www.tiesproject.eu](http://www.tiesproject.eu)

DANS – The Hague – November 2011

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This publication as well as the upgrading of the data set to the international standard of the project, was facilitated by a grant (Klein Data Project, KPD) from Data Archiving and Networked Services (DANS). DANS operates under the auspices of the Royal Netherlands Academy of Arts and Sciences (KNAW) and the Netherlands Organisation for Scientific Research (NWO). The authors thank their NIDI colleagues Drs. Joop de Beer and Drs. Liesbeth Heering as well as the editorial staff of DANS and Amsterdam University Press (AUP) for comments and suggestions on earlier versions of this publication.



# 1. Introduction

## 1.1 Background of the TIES surveys

The aim of the TIES project was to investigate the integration of children of immigrants. These children were born in the survey country and have at least one parent who was born in Turkey, Morocco or former Yugoslavia. Such children are also known as 'the second generation'. The focus was on the second generation living in two major areas of concentration, i.e. cities, in each survey country (Crul and Heering 2008; Mulder and Zorlu 2008). The choice of these three groups was straightforward they have rather similar starting positions as children of labour immigrants while the migration history and cultural background of their parents is comparable. The TIES project also surveyed members of a comparison group of which both parents were born in the survey country. This comparison group was included because they interact with and hold perceptions about the second generation (IMES and NIDI 2010).

Data collection in the two cities in each survey country was carried out by local survey bureaus under the auspices of nine national TIES partner institutes: Netherlands Interdisciplinary Demographic Institute (NIDI) and Institute for Migration and Ethnic Studies (IMES) of the University of Amsterdam in the Netherlands, the Institute for Social and Political Opinion Research (ISPO), University of Leuven in Belgium; the National Institute for Demographic Studies (INED) in France; the Swiss Forum for Migration and Population Studies (SFM) of the University of Neuchâtel in Switzerland; the Centre for Research in International Migration and Ethnic Relations (CEIFO) of the University of Stockholm in Sweden; the Institute for Migration Research and Intercultural Studies (IMIS) of the University of Osnabrück in Germany, the Institute for the Study of Migration (IEM) of the Pontifical Comillas University of Madrid in Spain, and the Institute for European Integration Research (EIF) of the Austrian Academy of Sciences in Austria.

In the Netherlands, respondents of the Turkish and Moroccan second generation were surveyed as well as members of a comparison group. Respondents were residents of the cities of Amsterdam and Rotterdam and in the age range 18-35 at the time of sampling (April 2006). In Amsterdam 237 second generation Turks, 242 second generation Moroccans and 259 comparison group members were interviewed, while in Rotterdam the numbers were, re-

spectively, 263, 251, and 253, totalling 1505 respondents. The interviews were conducted between June 2006 and July 2007.

## 1.2 Fieldwork and response rate

### 1.2.1 Preparation of fieldwork

#### 1.2.1.1 Questionnaire

A TIES international questionnaire (in English) was created by the eight participating countries. This questionnaire was to be used by all country teams but also allowed national discretion in the wording of questions and answer choices. The questions were categorised in the following modules:

Id. Identification of the respondent

A. Personal details

B. Education

C. Labour market

D. Partner

E. Parents

F. Housing and neighbourhood

G. Social relations and political participation

H. Gender roles and child care

J. Identity, language and transnationalism

K. Religion and religiosity

L. Income

M. Written questionnaire

Ev. Interview evaluation questions

#### 1.2.1.2 Pilot study

A pilot study was conducted to assess the questionnaire. Twelve trial interviews were conducted among four second-generation Moroccan, four second-generation Turkish and four Dutch respondents in March 2006. Researchers from NIDI and IMES monitored and evaluated the pilot. The main results of the evaluation of the pilot was that: (1) respondents found the number of questions too elaborate; (2) they expressed positive views about the subject matter covered by the questionnaire; and (3) the questions were not difficult to understand.

Based on results of the pilot, the questionnaire was adapted. However, there were limits to the extent to which the questions could be adapted, as it would jeopardize the consistency of the Dutch version of the questionnaire with the international version of the questionnaire, and thus international comparability. For questions where response categories were country-specific (such as names of political parties), and for questions where respondents were invited to choose from different answer categories, the international questionnaire made use of country-specific 'answer cards'. In case of the

Dutch questionnaire more than 25 answer cards were used. The final version of the questionnaire was completed in May 2006.

During the fieldwork interviews were conducted using a lap-top computer (CAPI, i.e. Computer-Assisted Personal Interviewing). In case of questions from module M, respondents were requested to enter their response by themselves (Computer-Assisted Self Interviewing (CASI)). Several range and consistency checks were embedded in the CAPI questionnaire to ensure that, for instance, a respondent indeed belonged to the 18 to 35 year age group, or that the respondent was indeed member of the intended study group.

### 1.2.1.3 Sampling

The main aim of the sampling procedure was to create a representative sample of the Turkish and Moroccan second generation in the cities of Amsterdam and Rotterdam.

Second generation Turks and Moroccans, and members of the comparison group were sampled in Amsterdam and Rotterdam. Comparison group members were sampled in the same neighbourhoods where second generation Turks and Moroccans were sampled. Minimum total effective sample size was set at 1500 persons. Independent random samples of equal size were taken in cities (750) and in study groups (250). The municipal population registers (GBA) served as sampling frames because person-records comprise information permitting the identification and classification of residents according to age, sex, birth-place and birth-place of parents (BPR, 2006).

The sampling method can be summarized as follows (for details, see Groenewold 2008). In the first step, in each city, neighbourhoods were sampled with probabilities proportional to the sum of second generation Turkish and Moroccan neighbourhood-residents. To determine how many neighbourhoods were to be sampled in each city, the *a priori* decision was taken to set cluster-size to 30 respondents (3 groups x 10 persons). This number was a compromise between the desire to secure a fair number of respondents of each study group in sampled neighbourhoods, and to secure that a sufficient number of neighbourhoods would be sampled. This would facilitate multi-level analyses. The selection method for the sampling of neighbourhoods was the systematic selection method (Kish, 1965), whereby a neighbourhood could be sampled more than once, depending on the number of second generation Turkish and Moroccan residents. Effectively, cluster-size was increased by a factor four ( $4 \times 30 = 120$  respondents) because research into non-response rates in comparable studies revealed that high non-response rates could be expected in the field (e.g. Stoop, 2005). Thus, initially, 6000 addresses ( $= 4 \times 1500$ ) were sampled from the municipal population registers (GBA). By the end of the fieldwork, non-response among second generation respondents appeared to be higher than expected so that an additional 271 records were sampled from the registers. Of the total of 6271 addresses that were actually sampled from the registers 4999 were valid addresses. The discrepancy was

mostly due to more than one eligible person living on the same address, and because the time elapsed between date of sampling and date of interview was long so that eligible persons had moved to another address. In case that more than one eligible person was living on the same address, the one whose birthday came first was selected (Kish, 1965).

Sample design weights were derived and they were adjusted to reflect differential non-response rates across neighbourhoods and study groups. Selection bias was examined by comparing age, sex and marital status characteristics of non-respondents with those of respondents. This was possible because all sampled municipal person-records (of non-respondents and respondents) comprise such information. The finding was that non-response bias was only slight in terms of these characteristics.

Eventually, 738 persons, slightly below target, were successfully interviewed in 23 of the 90 neighbourhoods in Amsterdam. In 24 of the 77 neighbourhoods in Rotterdam 767 persons were eventually successfully interviewed, which is slightly above the target number of 750. The overall response rate in Amsterdam was 30.1 per cent, and in Rotterdam it was 29.2 per cent. Response rates vary by study group, as shown in the table below.

**Table 1.1 Population sizes, sample sizes and response rates**

|  | Amsterdam |        |         |          | Rotterdam |        |         |          | Total     |
|--|-----------|--------|---------|----------|-----------|--------|---------|----------|-----------|
|  | Turks     | Moroc. | Natives | Total    | Turks     | Moroc. | Natives | Total    |           |
| <i>Population:</i>                                     |           |        |         |          |           |        |         |          |           |
| City population  |           |        |         | 743,024  |           |        |         | 588,718  | 1,331,742 |
| Ethnic group population                                | 38,337    | 65,426 | 382,746 | 486,509  | 45,415    | 36,831 | 317,943 | 400,189  | 886,698   |
| 2nd generation, all ages                               | 16,539    | 30,588 |         |          | 22,562    | 14,560 |         |          |           |
| 2nd generation, 18-35 y.o.<br>(=level stat.repres.)    | 5,088     | 8,649  | 102,491 | 116,228  | 6,941     | 4,117  | 71,288  | 82,346   | 198,574   |
| 2nd generation 18-35 y.o.<br>in sampled neighbourhoods | 3,266     | 5,398  | 29,351  | 38,015   | 4,772     | 2,655  | 24,003  | 31,430   | 69,445    |
| <i>Sample:</i>   |           |        |         |          |           |        |         |          |           |
| Target number of respondents                           | 250       | 250    | 250     | 750      | 250       | 250    | 250     | 750      | 1,500     |
| Neighborhoods sampled                                  |           |        |         | 23 of 94 |           |        |         | 24 of 88 | 47 of 167 |
| Gross effective number of addresses sampled            | 792       | 935    | 646     | 2,373    | 863       | 1,036  | 727     | 2,626    | 4,999     |
| Successfully interviewed respondents                   | 237       | 242    | 259     | 738      | 263       | 251    | 253     | 767      | 1,505     |
| Response   | 29.9%     | 25.9%  | 40.1%   | 31.1%    | 30.5%     | 24.2%  | 34.8%   | 29.2%    | 30.1%     |

Source: Groenewold, 2008

#### *1.2.1.4 Interviewers*

The interviewers were recruited by Bureau Veldkamp at the fieldwork department of TNS NIPO, a sister organisation specialised in market research. Most interviewers were of Dutch origin, experienced in approaching different target groups and certified for conducting interviews. New interviewers were also recruited. In total 83 interviewers participated in the fieldwork, 43 in Amsterdam and 40 in Rotterdam

A special training program was developed for the interviewers, in which they learnt about how to identify intended respondents from the sample and not other persons in the household, and how to approach them for interviewing. The former is relevant because 10 to 20 per cent of the housing accommodation in these cities is subletted by registered owners to someone else, without notifying the municipal register about this. Further, the interviewers were made aware of the fact that their work performance would be monitored.

### 1.2.2 Fieldwork implementation

#### *1.2.2.1 Approaching respondents*

All respondents from the sample were informed by a letter from NIDI and IMES sent by bureau Veldkamp, in which the research objective was explained and the visit of an interviewer was announced. In May 2006 interviewers started their fieldwork, whereby they were instructed to try at least five times to contact an intended respondent and obtain his or her collaboration for an interview. Respondents received a gift voucher, worth ten Euros, after the successful completion of an interview.

#### *1.2.2.2 Low response rates*

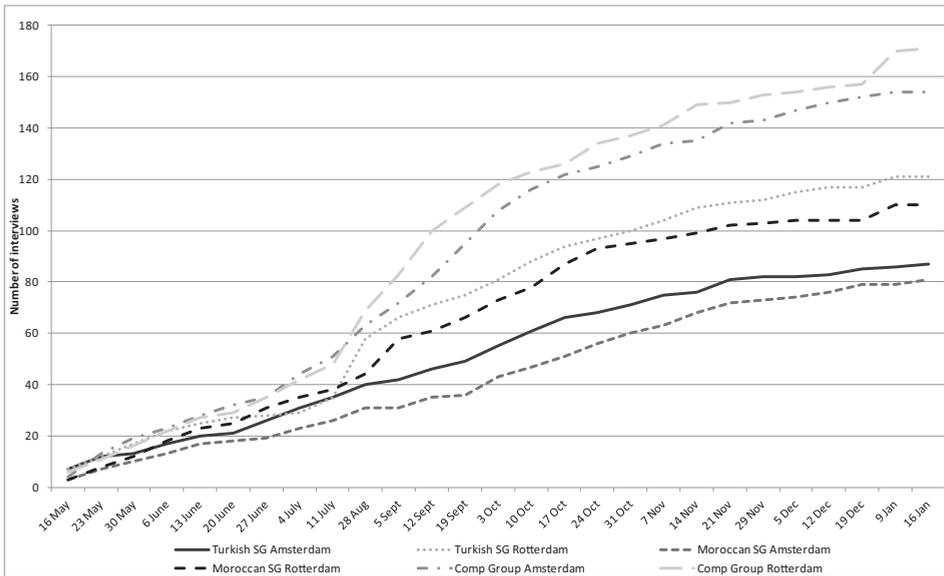
From the start of the fieldwork it proved difficult to obtain the collaboration of prospective respondents for an interview, leading to discouraged interviewers and low response rates. While in May 2006 about 80 interviewers were active, this number reduced to 40 by the end of June 2006. From mid-July until the end of August no interviews were scheduled due to the holiday season. During this period the existing fieldwork was evaluated, resulting in adaptations of the survey instruments (e.g. questionnaire) and fieldwork strategy.

The main problems encountered in the field were the following. First, in about fifteen per cent of the cases, the addresses in the sample appeared to be no longer valid. Second, it was very difficult to get in contact with respondents, appointments were not fulfilled or parents were suspicious. Third, the introduction letter was perceived as too official and lacked an inviting character. Fourth, interviewers were discouraged by the non-response of many intended respondents. Fifth, the duration of a full interview was perceived as too long by respondents as well as interviewers (about 75 minutes). Since

most interviews were conducted in the evening, the time-span was too limited to do more than one interview, while many would have preferred to complete two interviews per evening, to speed up the fieldwork. Sixth, the phrasing of a number of questions appeared to be terse and difficult to interpret, requiring many clarifications by interviewers.

These circumstances resulted in low numbers of completed interviews per week. Figure 1.1 shows the cumulative number of interviews per group and city. The figure shows that in the weeks prior to the summer break the average number of weekly interviews was approximately 25; this number increased towards 42 interviews per week in the two month period following the summer break. However, after this period, it decreased again.

**Figure 1.1 Cumulative numbers of interviews per group and city, 2006**



Source: Veldkamp 2007

**1.2.2.3 Measures taken to increase response rates**

Several measures were taken to increase the number of respondents. One was to shorten the questionnaire. This was completed in October 2006. However, these changes led only to a modest shortening of the total interview time by 3 minutes for the comparison group, but to an even longer interview time for the second generation Turks and Moroccans.

Furthermore, a number of different interviewing strategies were introduced. One was to offer an online (Computer Assisted Web Interview; CAWI) version of the questionnaire with a reward of twenty Euros for a completed interview to a test group of 800 individuals (September 2006). However, of

the 800 potential respondents only 76 completed the entire questionnaire: The response rate of the CAWI approach turned out to be even lower than for the CAPI approach. Therefore, this approach was not pursued any further.

In an attempt to shorten the duration of the interview, a mixed mode of interviewing was pursued, whereby part of the questionnaire was conducted face-to-face in CAPI-mode while another part (modules F, G, J, K and M) in Paper and pen (PAPI)-mode (where that part of the questionnaire was on paper or computer file, to be completed and submitted by a predefined date). This approach, after testing, was introduced in early 2007 and used by 300 respondents.

After the face-to-face interview (CAPI) was completed and the subset questionnaire (PAPI) was received by Veldkamp, the respondent received their reward of 20 Euros. After six weeks, the response rate with this new approach went up to 38 per cent. The mixed-mode (CAPI-PAPI) interview strategy took on average 45 minutes, a considerably improvement compared to the single mode (CAPI, 75 minutes).

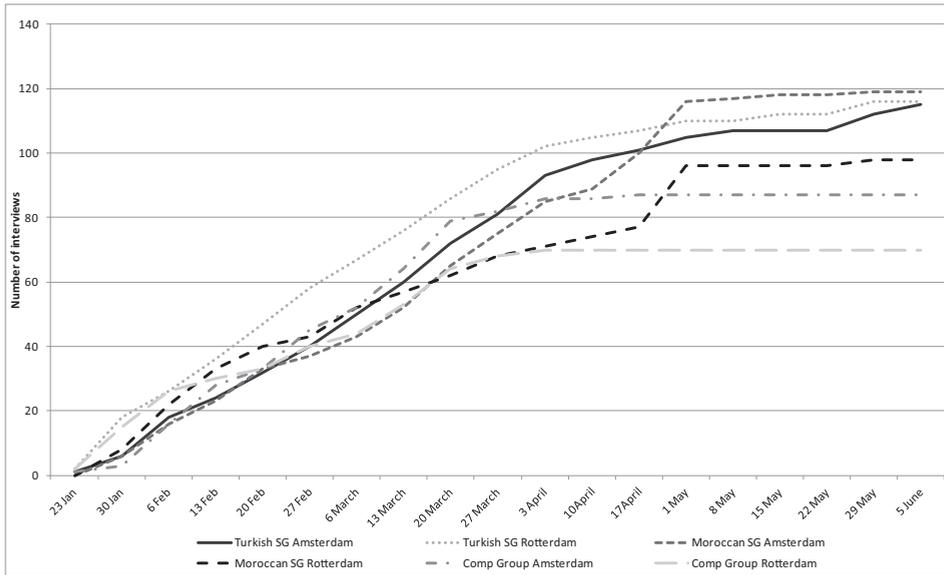
Since this mixed-mode method of interviewing proved to be less time consuming and response-rates higher, it was decided to continue with the CAPI-PAPI strategy from January 2007 onwards. Reminders were sent to respondents who participated in the face-to-face part in order to minimize response rates. During fieldwork monitoring meetings interviewers were trained to interview respondents using the mixed mode CAPI-PAPI method.

An additional measure was to modify the introduction letter. It was shortened and replaced by a less official and more inviting variant. Furthermore, the pool of addresses was enriched with telephone numbers so that prospective respondents could be contacted by telephone for an appointment.

Because of the long duration of the fieldwork and low response rates, the pool of person-records and addresses sampled from the municipal databases, notably those pertaining to Moroccans in Amsterdam, was close to depletion. To cope with the non-response, sampled members of the Turkish and Moroccan second generation in 2006 were again approached. In a new introduction letter, the relevance of their participation was reiterated.

Furthermore, in June 2007, an additional sample of 250 person-records of Moroccan men was taken from the municipal database of Amsterdam and 300 from the database of Rotterdam. Records were sampled from a back-up of the database of April 2006. Respondents were visited at their address and they were given the option to complete an on-line version of the questionnaire on the laptop of the interviewer.

The mix-mode approach together with the deployment of the best interviewers of Veldkamp survey bureau for the remainder of the fieldwork, eventually led to an acceleration of the fieldwork, as shown in figure 1.2. Starting January 2007 approximately 50 interviews were completed during a period of six weeks and in the period that followed it stabilized to about 40 per week.

**Figure 1.2 Interviews per group and city, 2007**

Source: Veldkamp 2007

#### 1.2.2.4 Outcomes

In the end, out of the 4999 potential respondents selected by the sampling method, 1550 respondents were eventually successfully interviewed, using a variety of interview instruments. The breakdown of respondents by method of interviewing is presented in Table 1.2 and the results show that the majority of the interviews was partly or entirely conducted by a face-to-face interview (i.e. Standard 2006).

**Table 1.2 Number of interviews by interview method and study group**

| Interview method | Turks | Moroccans | Comparison | Total |
|------------------|-------|-----------|------------|-------|
| Standard 2006    | 197   | 182       | 341        | 720   |
| Mixed mode 2006  | 23    | 22        | 35         | 80    |
| Web 2006         | 53    | 14        | 7          | 74    |
| Mixed mode 2007  | 221   | 182       | 155        | 558   |
| Web 2007         | 15    | 28        | 1          | 44    |
| Mor. men 2007    |       | 73        | 1          | 74    |
| Total            | 509   | 501       | 540        | 1,550 |

Source: Veldkamp 2007

The paper questionnaire part of the mixed mode interviewing method was not returned by 146 out of the 558 (26 per cent) contacted persons, which added to the number of partially completed questionnaires.

The average duration of interviews for the members of different study groups is displayed in table 1.3. As can be seen, the standard mode of interviewing took the longest, followed by the web version. The mixed mode approach shortened the interview time considerably.

**Table 1.3 Average length of interview in minutes per method and group**

|               | Turks          | Moroccans | Comparison     |
|---------------|----------------|-----------|----------------|
| Standard 2006 | 78.5           | 78.0      | 71.3           |
| Mix mode 2006 | 41.3           | 50.5      | 39.1           |
| Web 2006      | 63.3           | 75.5      | 47.4           |
| Mix mode 2007 | 47.4           | 47.5      | 39.7           |
| Web 2007      | 75.2           | 62.8      | Not applicable |
| Mor. men 2007 | Not applicable | 62.8      | Not applicable |

Source: Veldkamp 2007

#### 1.2.2.5 *Monitoring interviewers*

The quality and reliability of interviewers was constantly monitored and evaluated by the survey bureau. For instance, electronic checks were carried out to monitor the length, duration, speed and time of each interview, as well as the number of times the interviewer had contact with the survey bureau. Monitoring forms were sent to all respondents, with questions on their opinion about the way in which they were interviewed. Of the 470 persons who returned the form, only 33 people perceived the interview as unpleasant. Overall, respondents perceived the interview as a positive experience and interviewers were evaluated as professional and friendly. Some criticism was given on the content of the questionnaire, as some questions were phrased in a complicated manner and difficult to grasp while others seemed repetitive. Also, and in spite of the measures taken, the duration of an interview was perceived as too long.

## 1.3 Data processing

### 1.3.1 Data entry and editing

Special data entry software was used by the survey bureau. After cleaning of the original data, they were translated into one single SPSS (version 15.0) data file. Person-records with too much missing and inconsistent data were removed from the dataset. In total, 45 person-records were deleted from the data-set, leaving to a total of 1505 person-records for analysis. Open-ended questions about current occupation or company were coded according to the

official Standaard Beroepen Classificatie (SBC) used by the Centraal Bureau voor de Statistiek (CBS) of The Netherlands. Furthermore, person-records were extended to include data stored in the database of person-records of the municipal population register, such as marital status, neighbourhood, ethnic identity, date of birth, and sex.

### 1.3.2 Translation into English

As mentioned, an international standard questionnaire was developed by the project, to be adapted and translated by national country teams. In the case of The Netherlands, the questionnaire was adapted and translated in Dutch. After completion of the survey, the content (labels) was translated back into English. Most questions could directly be translated with help of the international questionnaire and some needed to be translated as they were entirely new. Furthermore, answer categories used in the international questionnaire did not always correspond to the ones used in the Dutch version of the questionnaire and the sequence in which answer categories were presented in the Dutch version of the questionnaire differed from those in the international version of the questionnaire. These, and other issues, were mostly resolved so that the English version of the Dutch TIES dataset has a high degree of consistency with the content of the international version of the TIES-questionnaire.

## 2. Representativeness

### 2.1 Representativeness of the sample

Overall non-response rates appeared to be high for all study groups raising doubts about statistical representativeness of the survey data. Fortunately, some characteristics of non-respondents were available in the sampled population register records (i.e. age, sex, place of residence, marital status). Analyses revealed that differences between respondents and non-respondents with respect to these characteristics were either absent or slight.

#### 2.1.1 City level

Response rates in Amsterdam and Rotterdam were rather similar, on average 30.1 per cent (Table 1.1). The Moroccan study group had the lowest response rates of 25.1 per cent in Amsterdam and 24.2 per cent in Rotterdam, while the comparison groups had the highest response rates in both cities, namely 40.1 per cent in Amsterdam and 29.2 per cent in Rotterdam. These response rates were lower than the outcomes of the 2004 Permanent Living Conditions Survey (POLS), in which non-Western second-generation respondents in Amsterdam had a response rate of 33 per cent and those of Dutch decent 41 per cent. For Rotterdam this was 52 and 53 per cent, respectively. Yet, given the lack of origin specificity, it is not possible to pinpoint the response rate of specific second-generation groups.

The characteristics of respondents in Amsterdam, for 18-35 year old TIES respondents and 15-35 year old city residents, are displayed in Table 1.4. The number of women appeared to be slightly overrepresented in the TIES sample compared to the city population. Furthermore, while second generation Turks and Moroccans in the TIES sample tend to be older than the city population, for the comparison group the opposite seems true. It should be noted here that the first age group of the city *population* refers to 15 to 19 year old persons, while for the *sample* of TIES respondents it refers to 18-19 year old persons only.

**Table 1.4 Amsterdam: sex and age TIES respondents (R), and city population (P) in the age range 15-35, in percentages**

|     |             | Turks |       | Moroccans |        | Comparison group |         | Total Population |
|-----|-------------|-------|-------|-----------|--------|------------------|---------|------------------|
|     |             | R     | P     | R         | P      | R                | P       |                  |
| Sex | Male        | 46.0  | 52.5  | 49.2      | 50.0   | 47.5             | 47.9    | 49.3             |
|     | Female      | 54.0  | 47.5  | 50.8      | 50.0   | 52.5             | 52.1    | 50.7             |
|     | Total       | 100.0 | 100.0 | 100.0     | 100.0  | 100.0            | 100.0   | 100.0            |
| Age | 18-19/15-19 | 11.8  | 40.2  | 18.2      | 41.8   | 5.0              | 12.5    | 16.3             |
|     | 20-24       | 38.8  | 30.6  | 40.5      | 34.7   | 22.4             | 21.8    | 22.9             |
|     | 25-29       | 35.9  | 21.8  | 29.3      | 18.2   | 34.0             | 31.0    | 29.0             |
|     | 30-34       | 13.5  | 7.4   | 12.0      | 5.3    | 38.6             | 34.7    | 31.8             |
|     | Total       | 100.0 | 100.0 | 100.0     | 100.0  | 100.0            | 100.0   | 100.0            |
|     | Mean        | 24.5  | 22.3  | 23.9      | 21.9   | 27.5             | 26.9    | 26.3             |
|     | Total N     | 237   | 6,564 | 242       | 11,279 | 259              | 107,255 | 125,098          |

Source: Statline, 2010 and Groenewold 2008, p. 177

Table 1.5 shows the characteristics of respondents and residents in Rotterdam. Unlike Amsterdam, in Rotterdam, men are only slightly overrepresented. The sampled Turkish and Moroccan TIES respondents are somewhat older than the city population from which they were sampled, while members of the comparison group appear to be somewhat older.

**Table 1.5 Rotterdam: sex and age of TIES respondents (R), and city population (P) in the age range 15-35, in percentages**

|     |             | Turks |       | Moroccans |       | Comparison group |        | Total  |
|-----|-------------|-------|-------|-----------|-------|------------------|--------|--------|
|     |             | R     | P     | R         | P     | R                | P      |        |
| Sex | Male        | 50.6  | 51.4  | 50.6      | 47.8  | 50.2             | 51.7   | 49.0   |
|     | Female      | 49.4  | 48.6  | 49.4      | 52.2  | 49.8             | 48.3   | 51.0   |
|     | Total       | 100.0 | 100.0 | 100.0     | 100.0 | 100.0            | 100.0  | 100.0  |
| Age | 18-19/15-19 | 11.0  | 39.2  | 26.7      | 47.5  | 6.3              | 18.1   | 20.0   |
|     | 20-24       | 42.2  | 30.2  | 43.8      | 30.9  | 26.5             | 24.7   | 25.6   |
|     | 25-29       | 30.0  | 22.0  | 19.5      | 16.8  | 27.3             | 28.7   | 27.5   |
|     | 30-34       | 16.7  | 8.6   | 10.0      | 4.8   | 39.9             | 28.5   | 26.8   |
|     | Total       | 100.0 | 100.0 | 100.0     | 100.0 | 100.0            | 100.0  | 100.0  |
|     | Mean        | 24.8  | 22.5  | 22.9      | 21.4  | 27.5             | 25.9   | 25.6   |
|     | Total N     | 263   | 9,065 | 251       | 5,652 | 253              | 78,328 | 93,045 |

Source: Statline, 2010, and Groenewold 2008, p. 177

### 2.1.2 Neighbourhood level

Response rates differed considerably by neighbourhood. This might be explained by a combination of respondent-level, neighbourhood-level, and interviewer performance characteristics (Groenewold, 2008).

Numbers of respondents, residents and response rates by neighbourhood are shown in Tables 1.6 and 1.7. The neighbourhood "Katendrecht" in Rotterdam has the lowest response rate of 10.8 per cent and "Nieuwe Westen" in Rotterdam has the highest of 64.2 per cent. Overall, neighbourhood differences in response rates are considerable and, as mentioned, many factors might be at work.

**Table 1.6 Amsterdam: number of respondents (R), number of inhabitants (P) and response rates (RR) per neighbourhood**

|                                     | Respondents | Population | Response rate |
|-------------------------------------|-------------|------------|---------------|
| Oostelijke Eilanden en Kadijken     | 26          | 12,640     | 21.7          |
| Frederik Hendrikbuurt               | 28          | 7,560      | 23.3          |
| Indische Buurt West                 | 32          | 12,640     | 26.7          |
| Indische Buurt Oost                 | 25          | 10,600     | 20.8          |
| Landlust                            | 66          | 18,260     | 55.0          |
| De Kolenkit                         | 34          | 6,920      | 28.3          |
| Van Galenbuurt                      | 23          | 5,630      | 19.2          |
| Volewijk                            | 30          | 9,940      | 25.0          |
| Oostzonerwerf                       | 34          | 8,880      | 28.3          |
| Buikslotermeer                      | 44          | 11,760     | 36.7          |
| Slotermeer-Noordoost                | 20          | 9,110      | 16.7          |
| Slotermeer-Zuidwest                 | 42          | 16,280     | 35.0          |
| Geuzenveld                          | 48          | 13,490     | 40.0          |
| Osdorp-Oost                         | 30          | 14,380     | 25.0          |
| Osdorp-Midden                       | 32          | 10,230     | 26.7          |
| Middelveldsche Akerpolder en Sloten | 33          | 14,940     | 27.5          |
| Slotervaart                         | 28          | 16,220     | 23.3          |
| Overtoomse Veld                     | 28          | 9,520      | 23.3          |
| Bijlmer-Centrum D, F en H           | 33          | 21,340     | 27.5          |
| Dapperbuurt                         | 25          | 8,440      | 20.8          |
| Transvaalbuurt                      | 31          | 9,610      | 25.8          |
| Nieuwe Pijp                         | 30          | 11,300     | 25.0          |
| Scheldebouurt                       | 16          | 13,180     | 13.3          |

Source: TIES NL 2006/2007

**Table 1.7 Rotterdam: number of respondents (R), number of inhabitants (P) and response rates (RR) per neighbourhood**

|                 | Respondents | Population | Response rate |
|-----------------|-------------|------------|---------------|
| Oude Westen     | 30          | 5,907      | 25.0          |
| Delfshaven      | 29          | 4,368      | 24.2          |
| Tussendijken    | 28          | 5,698      | 23.3          |
| Spangen         | 45          | 4,294      | 37.5          |
| Nieuwe Westen   | 77          | 5,999      | 64.2          |
| Oud-Mathenesse  | 24          | 3,513      | 20.0          |
| Agniesebuurt    | 34          | 7,907      | 28.3          |
| Liskwartier     | 29          | 6,224      | 24.2          |
| Oude Noorden    | 37          | 7,199      | 30.8          |
| Schiebroek      | 30          | 2,491      | 25.0          |
| Nieuw-Crooswijk | 21          | 4,682      | 17.5          |
| Kralingen-West  | 38          | 5,681      | 31.7          |
| Het Lage Land   | 31          | 3,077      | 25.8          |
| Vreewijk        | 25          | 4,014      | 20.8          |
| Bloemhof        | 23          | 5,993      | 19.2          |
| Hillesluis      | 35          | 4,578      | 29.2          |
| Katendrecht     | 13          | 2,721      | 10.8          |
| Afrikaanderwijk | 21          | 5,078      | 17.5          |
| Feijenoord      | 32          | 3,890      | 26.7          |
| Lombardijen     | 35          | 2,706      | 29.2          |
| Tarwewijk       | 36          | 5,557      | 30.0          |
| Carnisse        | 32          | 5,029      | 26.7          |
| Oud-Charlois    | 22          | 3,399      | 18.3          |
| Pendrecht       | 40          | 2,840      | 33.3          |

Source: TIES NL 2006/2007

## 2.2 Measuring bias: Comparison of respondents and non-respondents

As non-response was high and information on non-respondents is available from the population registers, it makes sense to compare characteristics of respondents with those of non-respondents to see to what extent bias exists in the data.

Data on age, sex, and marital status were compared and the results are shown in Table 1.8. The underrepresentation of men, especially Moroccan second generation men, is noticeable and the overrepresentation of women, while age differences appear to be slight in all groups. It is worth noting that, on average, comparison group members are three to four years older than members of the other two study groups. Furthermore, there seems to be a small overrepresentation of married respondents, especially among second

generation Turks, which is according to expectations as they tend to be more often home-based than their spouse. Overall, the differences between respondents and non-respondents are slight and according to expectations.

**Table 1.8 Differences between respondents (R.) and non-respondents (NR.) regarding characteristics recorded in municipal population registers (GBA)**

|                |                | Turk  |       |       | Moroccan |       |       | Native |       |       | Total      |
|----------------|----------------|-------|-------|-------|----------|-------|-------|--------|-------|-------|------------|
|                |                | R.    | N.R.  | Total | R.       | N.R.  | Total | R.     | N.R.  | Total | Population |
| Sex            | Male           | 48.4  | 54.4  | 52.6  | 41.4     | 49.4  | 47.4  | 49.2   | 51.6  | 50.7  | 50.2       |
|                | Female         | 51.6  | 45.6  | 47.4  | 58.6     | 50.6  | 52.6  | 50.8   | 48.4  | 49.3  | 49.8       |
|                | Total          | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0      |
| Age            | 18-19          | 17.8  | 17.9  | 17.9  | 26.9     | 21.8  | 23.0  | 7.8    | 7.2   | 7.4   | 16.7       |
|                | 20-24          | 39.0  | 42.0  | 41.1  | 43.3     | 46.5  | 45.7  | 25.6   | 24.9  | 25.1  | 38.0       |
|                | 25-29          | 32.0  | 29.7  | 30.4  | 21.7     | 24.1  | 23.5  | 30.1   | 33.3  | 32.1  | 28.5       |
|                | 30-34          | 11.2  | 10.4  | 10.6  | 8.1      | 7.6   | 7.8   | 36.5   | 34.6  | 35.4  | 16.8       |
|                | Total          | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0      |
|                | Mean           | 24.4  | 24.2  | 24.3  | 23.3     | 23.5  | 23.5  | 27.5   | 27.5  | 27.5  | 24.9       |
|                | Standard Error | 0.2   | 0.1   | 0.1   | 0.2      | 0.1   | 0.1   | 0.2    | 0.2   | 0.1   | 0.1        |
| Marital status | Never married  | 56.6  | 68.5  | 64.9  | 77.6     | 78.2  | 78.1  | 86.3   | 88.5  | 87.7  | 76.2       |
|                | Married        | 40.6  | 27.8  | 31.7  | 20.5     | 19.0  | 19.3  | 11.9   | 9.5   | 10.4  | 21.1       |
|                | Separated      | 2.8   | 3.6   | 3.4   | 1.9      | 2.7   | 2.5   | 1.8    | 2.0   | 1.9   | 2.6        |
|                | Divorced       |       | 0.1   | 0.1   |          | 0.2   | 0.1   |        |       |       | 0.1        |
|                | Total          | 100.0 | 100.0 | 100.0 | 100.0    | 100.0 | 100.0 | 100.0  | 100.0 | 100.0 | 100.0      |
| Total N        |                | 500   | 1,155 | 1,655 | 420      | 1,240 | 1,660 | 512    | 861   | 1,373 | 4,688      |

Source: Groenewold, 2008

## 2.3 Weighting

As the sample selection method was not according to the proportionate representation of study group members in cities and neighbourhoods, and because response rates of study groups varied by city and neighbourhood, the survey design and implementation resulted in a non-self-weighting sample. Therefore, compensation weights were derived. In the data-file, weights for all respondents are represented by the variable "WEIGHT\_NL". This weight is the result of combining the sample-design weight and non-response weight.

To fine-tune the sample population to the population from which it was sampled, an additional type of weight was derived, the so-called post-stratifi-

cation weight. The rationale behind the derivation and use of this weight is that, out of the numerous samples that can be drawn, one may have drawn an unlucky sample in the sense that the sample population may not exactly correspond to the target population from which it was sampled in terms of age, sex, and other characteristics. The variables "PSWEIGHT\_NL" and "PSWEIGHT\_NL\_new" were included. The first weight compensates for differences between age and sex distributions of the sample and the population at the city level, regardless of ethnic group, while the second one compensates distributional differences in age, sex as well as ethnic group.

For more information on the different types of weights and their application, see ESS (2007).

## 3. Documentation of the variables

### Variables description list

In this section all variables in the dataset are presented. The section provides an overview of variable names, labels and other characteristics, sorted by theme (Module). The names of the modules are also included in the dataset as variables, but they are only included to visualize the start of a set of variables belonging to new module.

The last two sections include neighbourhood- and municipality-level variables. These are not called 'modules' per se, since they were not directly asked but they were added to the end of the list of variables in the data file at a later point in time (Fall 2010). These variables were derived from "Statline" of the Centraal Bureau voor de Statistiek (CBS). The values of the variables are consistent with the year in which the interview was conducted (INTYEAR).

### Module Intro: Introduction

|                  |   |
|------------------|---|
| COUNTRYCODE      | ISO-two character country code  |
| PIN_NL           | Respondent case identifier (PIN=Person Identification Number)   |
| WEIGHT_NL        | original sample design weight (including city, group, neighbourhood, response rate weight components)                                 |
| PSWEIGHT_NL      | Simplified weight for International comparison based on city, group, gender, age (18-24,25-35), city specific                         |
| psweight_nl_new  | Simplified weight for International comparison based on city, group, gender, age (18-24,25-35), city and group specific               |
| IRS4             | Target group  |
| IL4              | City  |
| IL6              | In what kind of house do you currently live?  |
| IL7              | How many floors does that building have?  |
| R1               | Sex   |
| R3               | In which country were you born?   |
| INTERVIEWERNR_NL | Interviewer number  |
| STIME            | Date and Start of Interview (concatenation)   |
| INTMETHOD_NL     | Method of interviewing  |
| QVERSION_NL      | Questionnaire version (affects potential number of cases with stated answers due questionnaire changes in 13 months fieldwork period) |
| INTTIME_NL       | Interview duration (sec)  |

## Module A: Demographic characteristics of respondents and household

|           |  |
|-----------|--|
| R2b       | Month of birth   |
| R2c       | Year of birth  |
| AGEGR_NL  | Age group (based on birthday-birth month-birth year), 4 categories |
| AGEGR2_NL | Age group (based on birthday-birth month-birth year), 2 categories |
| AGE_NL    | Age in completed years (based on birthday-birth month-birth year)  |
| A1b_1     | Sex of hhmember 1 (=respondent)                                    |
| A1c_1     | Age of hhmember 1 (=respondent)                                    |
| A1d_1     | Country of birth of hhmember 1 (=respondent)                       |
| A1e_1     | Relationship to respondent of hhmember 1 (=respondent)             |
| A1b_2     | Sex hhmember 2   |
| A1c_2     | Age hhmember 2   |
| A1d_2     | Country of birth of hhmember 2                                     |
| A1e_2     | Relationship to respondent of hhmember 2                           |
| A1b_3     | Sex hhmember 3   |
| A1c_3     | Age hhmember 3   |
| A1d_3     | Country of birth hhmember 3  |
| A1e_3     | Relationship to respondent of hhmember 3                           |
| A1b_4     | Sex hhmember 4   |
| A1c_4     | Age hhmember 4   |
| A1d_4     | Country of birth hhmember 4  |
| A1e_4     | Relationship to respondent of hhmember 4                           |
| A1b_5     | Sex hhmember 5   |
| A1c_5     | Age hhmember 5   |
| A1d_5     | Country of birth hhmember 5  |
| A1e_5     | Relationship to respondent of hhmember 5                           |
| A1b_6     | Sex hhmember 6   |
| A1c_6     | Age hhmember 6   |
| A1d_6     | Country of birth hhmember6   |
| A1e_6     | Relationship to respondent of hhmember6                            |
| A1b_7     | Sex hhmember 7   |
| A1c_7     | Age hhmember 7   |
| A1d_7     | Country of birth hhmember7   |
| A1e_7     | Relationship to respondent of hhmember7                            |
| A1b_8     | Sex hhmember 8   |
| A1c_8     | Age hhmember 8   |
| A1d_8     | Country of birth hhmember 8  |
| A1e_8     | Relationship to respondent of hhmember8                            |
| A1b_9     | Sex hhmember 9   |
| A1c_9     | Age hhmember 9   |
| A1d_9     | Country of birth hhmember 9  |
| A1e_9     | Relationship to respondent of hhmember9                            |
| A1b_10    | Sex hhmember 10  |
| A1c_10    | Age hhmember 10  |
| A1d_10    | Country of birth hhmember 10                                       |
| A1e_10    | Relationship to respondent of hhmember 10                          |
| A1f_NL    | Respondents position in the household                              |

|              |  |
|--------------|--|
| A1TOTPERS_NL | Number of persons in household   |
| A2           | Ever left parental home to live on your own?                               |
| A3           | Age leaving parental home to live on your own?                             |
| A4a          | Reason living on your own: marriage  |
| A4b          | Reason living on your own: living together with a partner                  |
| A4c          | Reason living on your own: independent living                              |
| A4d          | Reason living on your own: study   |
| A4e          | Reason living on your own: work  |
| A4f          | Reason living on your own: parents went back to country of origin          |
| A4g          | Reason living on your own: problems with parents                           |
| A4h          | Reason living on your own: other reasons                                   |
| A4z_NL       | Main reason started living on your own?                                    |
| A5a          | How many older brothers and sisters do you have?                           |
| A5b          | How many younger brothers and sisters do you have?                         |
| A6           | Do you have children who live somewhere else?                              |
| A7a          | How many children do you have who live elsewhere?                          |
| A8a          | Do you have survey country nationality                                     |
| A8b          | Did you get survey country nationality by birth                            |
| A8c          | In which year did you get survey country citizenship                       |
| A8z_NL       | Do you have citizenship of the country/countries of your parents?          |
| A9           | Do you intend to acquire survey country citizenship in the coming 2 years? |

## Module B: Education

|           |  |
|-----------|--|
| career0   | CAREERSTEP 0: PRESCHOOL, PRIMARY SCHOOL, INTERMEDIARY CLASS                  |
| B1        | Age respondent went to school for the first time                             |
| B2a_NL    | Did you attend pre-school or kindergarten?                                   |
| B2b       | How long did you attend pre-school or kindergarten?                          |
| B3a_NL    | What educational philosophy underpinned your most important primary school?  |
| B3b_NL    | Which religion/life philosophy is associated with that primary school?       |
| B4a       | Because this was the local school for children who live in this area         |
| B4b       | Because this school had no particular religion or philosophy of life         |
| B4c       | Because this school was known to be a better school than others in the area. |
| B4d       | Because this school offered specific study programs                          |
| B4e       | Because this school had a particular religion or philosophy of life          |
| B4f       | Because my parents decided so  |
| B4g       | Because my brother(s) / sister(s) attended it too                            |
| B4h       | Because in this school there were few children of immigrants                 |
| B4i       | Because other schools in the area didn't accept children of immigrant origin |
| B4j       | Other reason   |
| B4k       | Does not know  |
| B5        | How many children of immigrant origin were there at this primary school?     |
| B6        | Have you ever changed schools in primary school?                             |
| B7        | Have you ever repeated a grade or class in primary school?                   |
| B8        | Ever interrupted primary school to go abroad for more than three months?     |
| B9        | At what age did you complete or leave primary school?                        |
| B10b_1_NL | School advice: Special education (SE)  |

|            |   |
|------------|---|
| B10b_2_NL  | School advice: Preparatory vocational education (PVE)   |
| B10b_3_NL  | School advice: Mix PVE\Middle General Preparatory Education (MGPE)  |
| B10b_4_NL  | School advice: Mix SEV\Preparatory Middle Vocation Education Basic level (PMVEBL)   |
| B10b_5_NL  | School advice: PMVEBL   |
| B10b_6_NL  | School advice: Mix Preparatory Middle Vocational Education Mid level (PMVEML)/<br>PMVEBL  |
| B10b_7_NL  | School advice: PMVEML   |
| B10b_8_NL  | School advice: Mix Lower Secondary General Education Theoretical level (LSGETL)/<br>PMVEML  |
| B10b_9_NL  | School advice: Mix LSGETL/ Preparatory Middle Vocational Education Mixed Level<br>(PMVEML)  |
| B10b_10_NL | School advice: Middle General Preparatory Education (MGPE)/LSGETL   |
| B10b_11_NL | School advice: Mix MGPE/Higher General Preparatory Education (HGPE) or LSGETL/<br>HGPE  |
| B10b_12_NL | School advice: HGPE   |
| B10b_13_NL | School advice: Mix HGPE\Preparatory Scientific Education (PSE)  |
| B10b_14_NL | School advice: PSE  |
| B10b_15_NL | School advice: does not remember  |
| B10b_16_NL | School advice: no advice or not applicable  |
| B10c_NL    | Did you attend an intermediary class?   |
| B10d_NL    | For which type of education or school level did this intermediary class prepare you?  |
| B11        | At what level did you first enter secondary school?   |
| Career1    | FIRST CYCLE/STEP INTO SECONDARY SCHOOL  |
| B12_1      | Are you currently/still attending this school or school level?  |
| B13_1_NL   | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_1     | Reason interrupting school: Level was too low   |
| B14b_1     | Reason interrupting school: Level was too high  |
| B14c_1     | Reason interrupting school: Wanted to do another type of education  |
| B14d_1     | Reason interrupting school: Did not like the school   |
| B14e_1     | Reason interrupting school: Parents thought the school was not good   |
| B14f_1     | Reason interrupting school: Had problems with teachers  |
| B14g_1     | Reason interrupting school: Had problems with other pupils  |
| B14h_1     | Reason interrupting school: Other reason  |
| B15_1      | At what age did you complete or leave this school or level?   |
| B16_1      | Did you get an advice for another education at the end of this school level?  |
| B17_1_1_NL | Continuation advise: Special education (all)  |
| B17_1_2_NL | Continuation advise: Special education (lvbo)   |
| B17_1_3_NL | Continuation advise: Preparatory Vocational Education   |
| B17_1_4_NL | Continuation advise: Mix Preparatory Vocational Education\Middle General Prepara-<br>tory Education   |
| B17_1_5_NL | Continuation advise: Mix special education\Preparatory Middle Vocational Education-<br>Basic Level  |
| B17_1_6_NL | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_1_7_NL | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Pre-<br>paratory Middle Vocational Education – Middle Management Level  |
| B17_1_8_NL | Continuation advise: Preparatory Middle Vocational Education – Middle Management<br>Level   |
| B17_1_9_NL | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Manage-<br>ment Level\Preparatory Middle Vocational Education – mixed Level |

|             |   |
|-------------|---|
| B17_1_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_1_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_1_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_1_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |
| B17_1_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_1_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_1_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_1_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_1_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_1_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_1_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_1_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_1_22_NL | Continuation advise: Any type of Middle Vocational Education  |
| B17_1_23_NL | Continuation advise: Higher Vocational Education  |
| B17_1_24_NL | Continuation advise: University   |
| B17_1_25_NL | Continuation advise: Does not know  |
| B26a_1_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_1_NL   | Reason discontinuation: I was satisfied with my education   |
| B33b_1_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_1_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_1_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_1_NL   | Reason discontinuation: I got married   |
| B33f_1_NL   | Reason discontinuation: My parents made me stop   |
| B33g_1_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_1_NL   | Reason discontinuation: Other reasons   |
| B27_1_NL    | Did you later in life return to school to pick-up education again?  |
| B27a_1_NL   | Which type of education or school level did you pick-up and continue?   |
| career2     | CAREERSTEP 2  |
| B12_2       | Are you currently/still attending this school or school level?  |
| B13_2_NL    | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_2      | Reason quit school: Level was too low   |
| B14b_2      | Reason quit school: Level was too high  |
| B14c_2      | Reason quit school: Wanted to do another type of education  |
| B14d_2      | Reason quit school: Did not like the school   |
| B14e_2      | Reason quit school: Parents thought the school was not good   |
| B14f_2      | Reason quit school: Had problems with teachers  |
| B14g_2      | Reason quit school: Had problems with other pupils  |
| B14h_2      | Reason quit school: Other reason  |
| B15_2       | At what age did you complete or left this type of education/school level  |
| B16_2       | Did you get continuation advise at the end of this type of education/school level   |
| B17_2_1_NL  | Continuation advise: Special education (all)  |
| B17_2_2_NL  | Continuation advise: Special education (lvbo)   |
| B17_2_3_NL  | Continuation advise: Preparatory Vocational Education   |

|             |   |
|-------------|---|
| B17_2_4_NL  | Continuation advise: Mix Preparatory Vocational Education\Middle General Preparatory Education  |
| B17_2_5_NL  | Continuation advise: Mix special education\Preparatory Middle Vocational Education-Basic Level  |
| B17_2_6_NL  | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_2_7_NL  | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Preparatory Middle Vocational Education – Middle Management Level   |
| B17_2_8_NL  | Continuation advise: Preparatory Middle Vocational Education – Middle Management Level  |
| B17_2_9_NL  | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Management Level\Preparatory Middle Vocational Education – mixed Level  |
| B17_2_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_2_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_2_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_2_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |
| B17_2_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_2_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_2_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_2_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_2_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_2_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_2_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_2_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_2_22_NL | Continuation advise: Any type of Middle Vocational Education  |
| B17_2_23_NL | Continuation advise: Higher Vocational Education  |
| B17_2_24_NL | Continuation advise: University   |
| B17_2_25_NL | Continuation advise: Does not know  |
| B26a_2_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_2_NL   | Reason discontinuation: I am satisfied with my education  |
| B33b_2_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_2_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_2_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_2_NL   | Reason discontinuation: I got married   |
| B33f_2_NL   | Reason discontinuation: My parents made me stop   |
| B33g_2_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_2_NL   | Reason discontinuation: Other reasons   |
| B27_2_NL    | Did you later in life return to school to pickup education again?   |
| B27a_2_NL   | With which type of education or school level did you continue?  |
| career3     | CAREERSTEP 3  |
| B12_3       | Are you currently/still attending this school or school level?  |
| B13_3_NL    | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_3      | Reason quit school: Level was too low   |
| B14b_3      | Reason quit school: Level was too high  |
| B14c_3      | Reason quit school: Wanted to do another type of education  |

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| B14d_3      | Reason quit school: Did not like the school   |
| B14e_3      | Reason quit school: Parents thought the school was not good   |
| B14f_3      | Reason quit school: Had problems with teachers  |
| B14g_3      | Reason quit school: Had problems with other pupils  |
| B14h_3      | Reason quit school: Other reason  |
| B15_3       | At what age did you complete or left this type of education/school level  |
| B16_3       | Did you get continuation advise at the end of this type of education/school level   |
| B17_3_1_NL  | Continuation advise: Special education (all)  |
| B17_3_2_NL  | Continuation advise: Special education (lvbo)   |
| B17_3_3_NL  | Continuation advise: Preparatory Vocational Education   |
| B17_3_4_NL  | Continuation advise: Mix Preparatory Vocational Education\Middle General Preparatory Education  |
| B17_3_5_NL  | Continuation advise: Mix special education\Preparatory Middle Vocational Education-Basic Level  |
| B17_3_6_NL  | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_3_7_NL  | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Preparatory Middle Vocational Education – Middle Management Level   |
| B17_3_8_NL  | Continuation advise: Preparatory Middle Vocational Education – Middle Management Level  |
| B17_3_9_NL  | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Management Level\Preparatory Middle Vocational Education – mixed Level  |
| B17_3_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_3_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_3_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_3_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |
| B17_3_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_3_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_3_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_3_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_3_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_3_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_3_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_3_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_3_22_NL | Continuation advise: Any type of Middle Vocational Education  |
| B17_3_23_NL | Continuation advise: Higher Vocational Education  |
| B17_3_24_NL | Continuation advise: University   |
| B17_3_25_NL | Continuation advise: Does not know  |
| B26a_3_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_3_NL   | Reason discontinuation: I am satisfied with my education  |
| B33b_3_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_3_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_3_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_3_NL   | Reason discontinuation: I got married   |
| B33f_3_NL   | Reason discontinuation: My parents made me stop   |

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| B33g_3_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_3_NL   | Reason discontinuation: Other reasons   |
| B27_3_NL    | Did you later in life return to school to pickup education again?   |
| B27a_3_NL   | With which type of education or school level did you continue?  |
| career4     | CAREERSTEP 4  |
| B12_4       | Are you currently/still attending this school or school level?  |
| B13_4_NL    | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_4      | Reason quit school: Level was too low   |
| B14b_4      | Reason quit school: Level was too high  |
| B14c_4      | Reason quit school: Wanted to do another type of education  |
| B14d_4      | Reason quit school: Did not like the school   |
| B14e_4      | Reason quit school: Parents thought the school was not good   |
| B14f_4      | Reason quit school: Had problems with teachers  |
| B14g_4      | Reason quit school: Had problems with other pupils  |
| B14h_4      | Reason quit school: Other reason  |
| B15_4       | At what age did you complete or left this type of education/school level  |
| B16_4       | Did you get continuation advise at the end of this type of education/school level   |
| B17_4_1_NL  | Continuation advise: Special education (all)  |
| B17_4_2_NL  | Continuation advise: Special education (lvbo)   |
| B17_4_3_NL  | Continuation advise: Preparatory Vocational Education   |
| B17_4_4_NL  | Continuation advise: Mix Preparatory Vocational Education\Middle General Preparatory Education  |
| B17_4_5_NL  | Continuation advise: Mix special education\Preparatory Middle Vocational Education-Basic Level  |
| B17_4_6_NL  | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_4_7_NL  | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Preparatory Middle Vocational Education – Middle Management Level   |
| B17_4_8_NL  | Continuation advise: Preparatory Middle Vocational Education – Middle Management Level  |
| B17_4_9_NL  | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Management Level\Preparatory Middle Vocational Education – mixed Level  |
| B17_4_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_4_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_4_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_4_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |
| B17_4_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_4_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_4_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_4_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_4_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_4_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_4_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_4_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_4_22_NL | Continuation advise: Any type of Middle Vocational Education  |

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| B17_4_23_NL | Continuation advise: Higher Vocational Education  |
| B17_4_24_NL | Continuation advise: University   |
| B17_4_25_NL | Continuation advise: Does not know  |
| B26a_4_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_4_NL   | Reason discontinuation: I am satisfied with my education  |
| B33b_4_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_4_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_4_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_4_NL   | Reason discontinuation: I got married   |
| B33f_4_NL   | Reason discontinuation: My parents made me stop   |
| B33g_4_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_4_NL   | Reason discontinuation: Other reasons   |
| B27_4_NL    | Did you later in life return to school to pickup education again?   |
| B27a_4_NL   | With which type of education or school level did you continue?  |
| career5     | CAREERSTEP 5  |
| B12_5       | Are you currently/still attending this school or school level?  |
| B13_5_NL    | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_5      | Reason quit school: Level was too low   |
| B14b_5      | Reason quit school: Level was too high  |
| B14c_5      | Reason quit school: Wanted to do another type of education  |
| B14d_5      | Reason quit school: Did not like the school   |
| B14e_5      | Reason quit school: Parents thought the school was not good   |
| B14f_5      | Reason quit school: Had problems with teachers  |
| B14g_5      | Reason quit school: Had problems with other pupils  |
| B14h_5      | Reason quit school: Other reason  |
| B15_5       | At what age did you complete or left this type of education/school level  |
| B16_5       | Did you get continuation advise at the end of this type of education/school level   |
| B17_5_1_NL  | Continuation advise: Special education (all)  |
| B17_5_2_NL  | Continuation advise: Special education (lvbo)   |
| B17_5_3_NL  | Continuation advise: Preparatory Vocational Education   |
| B17_5_4_NL  | Continuation advise: Mix Preparatory Vocational Education\Middle General Preparatory Education  |
| B17_5_5_NL  | Continuation advise: Mix special education\Preparatory Middle Vocational Education-Basic Level  |
| B17_5_6_NL  | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_5_7_NL  | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Preparatory Middle Vocational Education – Middle Management Level   |
| B17_5_8_NL  | Continuation advise: Preparatory Middle Vocational Education – Middle Management Level  |
| B17_5_9_NL  | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Management Level\Preparatory Middle Vocational Education – mixed Level  |
| B17_5_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_5_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_5_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_5_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |

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| B17_5_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_5_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_5_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_5_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_5_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_5_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_5_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_5_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_5_22_NL | Continuation advise: Any type of Middle Vocational Education  |
| B17_5_23_NL | Continuation advise: Higher Vocational Education  |
| B17_5_24_NL | Continuation advise: University   |
| B17_5_25_NL | Continuation advise: Does not know  |
| B26a_5_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_5_NL   | Reason discontinuation: I am satisfied with my education  |
| B33b_5_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_5_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_5_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_5_NL   | Reason discontinuation: I got married   |
| B33f_5_NL   | Reason discontinuation: My parents made me stop   |
| B33g_5_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_5_NL   | Reason discontinuation: Other reasons   |
| B27_5_NL    | Did you later in life return to school to pickup education again?   |
| B27a_5_NL   | With which type of education or school level did you continue?  |
| career6     | CAREERSTEP 6  |
| B12_6       | Are you currently/still attending this school or school level?  |
| B13_6_NL    | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_6      | Reason quit school: Level was too low   |
| B14b_6      | Reason quit school: Level was too high  |
| B14c_6      | Reason quit school: Wanted to do another type of education  |
| B14d_6      | Reason quit school: Did not like the school   |
| B14e_6      | Reason quit school: Parents thought the school was not good   |
| B14f_6      | Reason quit school: Had problems with teachers  |
| B14g_6      | Reason quit school: Had problems with other pupils  |
| B14h_6      | Reason quit school: Other reason  |
| B15_6       | At what age did you complete or left this type of education/school level  |
| B16_6       | Did you get continuation advise at the end of this type of education/school level   |
| B17_6_1_NL  | Continuation advise: Special education (all)  |
| B17_6_2_NL  | Continuation advise: Special education (lvbo)   |
| B17_6_3_NL  | Continuation advise: Preparatory Vocational Education   |
| B17_6_4_NL  | Continuation advise: Mix Preparatory Vocational Education\Middle General Preparatory Education  |
| B17_6_5_NL  | Continuation advise: Mix special education\Preparatory Middle Vocational Education-Basic Level  |
| B17_6_6_NL  | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_6_7_NL  | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Preparatory Middle Vocational Education – Middle Management Level |
| B17_6_8_NL  | Continuation advise: Preparatory Middle Vocational Education – Middle Management Level  |

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| B17_6_9_NL  | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Management Level\Preparatory Middle Vocational Education – mixed Level  |
| B17_6_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_6_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_6_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_6_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |
| B17_6_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_6_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_6_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_6_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_6_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_6_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_6_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_6_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_6_22_NL | Continuation advise: Any type of Middle Vocational Education  |
| B17_6_23_NL | Continuation advise: Higher Vocational Education  |
| B17_6_24_NL | Continuation advise: University   |
| B17_6_25_NL | Continuation advise: Does not know  |
| B26a_6_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_6_NL   | Reason discontinuation: I am satisfied with my education  |
| B33b_6_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_6_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_6_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_6_NL   | Reason discontinuation: I got married   |
| B33f_6_NL   | Reason discontinuation: My parents made me stop   |
| B33g_6_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_6_NL   | Reason discontinuation: Other reasons   |
| B27_6_NL    | Did you later in life return to school to pickup education again?   |
| B27a_6_NL   | With which type of education or school level did you continue?  |
| career7     | CAREERSTEP 7  |
| B12_7       | Are you currently/still attending this school or school level?  |
| B13_7_NL    | Did you complete this school or school level and obtain a diploma or certificate?   |
| B14a_7      | Reason quit school: Level was too low   |
| B14b_7      | Reason quit school: Level was too high  |
| B14c_7      | Reason quit school: Wanted to do another type of education  |
| B14d_7      | Reason quit school: Did not like the school   |
| B14e_7      | Reason quit school: Parents thought the school was not good   |
| B14f_7      | Reason quit school: Had problems with teachers  |
| B14g_7      | Reason quit school: Had problems with other pupils  |
| B14h_7      | Reason quit school: Other reason  |
| B15_7       | At what age did you complete or left this type of education/school level  |
| B16_7       | Did you get continuation advise at the end of this type of education/school level   |
| B17_7_1_NL  | Continuation advise: Special education (all)  |
| B17_7_2_NL  | Continuation advise: Special education (lvbo)   |

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| B17_7_3_NL  | Continuation advise: Preparatory Vocational Education   |
| B17_7_4_NL  | Continuation advise: Mix Preparatory Vocational Education\Middle General Preparatory Education  |
| B17_7_5_NL  | Continuation advise: Mix special education\Preparatory Middle Vocational Education-Basic Level  |
| B17_7_6_NL  | Continuation advise: Preparatory Middle Vocational Education- Basic Level   |
| B17_7_7_NL  | Continuation advise: Mix Preparatory Middle Vocational Education- Basic Level\Preparatory Middle Vocational Education – Middle Management Level   |
| B17_7_8_NL  | Continuation advise: Preparatory Middle Vocational Education – Middle Management Level  |
| B17_7_9_NL  | Continuation advise: Mix Preparatory Middle Vocational Education – Middle Management Level\Preparatory Middle Vocational Education – mixed Level  |
| B17_7_10_NL | Continuation advise: Preparatory Middle Vocational Education – mixed Level  |
| B17_7_11_NL | Continuation advise: Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education   |
| B17_7_12_NL | Continuation advise: Middle General Preparatory Education\Lower Sec. General Education- Theoretical Level   |
| B17_7_13_NL | Continuation advise: Mix of Middle General Preparatory Education\Higher General Preparatory Education or Lower Sec. General Education- Theoretical Level\Higher General Preparatory Education |
| B17_7_14_NL | Continuation advise: Higher General Preparatory Education   |
| B17_7_15_NL | Continuation advise: Mix Higher General Preparatory Education\Preparatory Scientific Education  |
| B17_7_16_NL | Continuation advise: Preparatory Scientific Education   |
| B17_7_17_NL | Continuation advise: Short Middle Vocational Education  |
| B17_7_18_NL | Continuation advise: One year Middle Vocational Education   |
| B17_7_19_NL | Continuation advise: Two year Middle Vocational Education   |
| B17_7_20_NL | Continuation advise: Three year Middle Vocational Education   |
| B17_7_21_NL | Continuation advise: (Four year) Middle Vocational Education  |
| B17_7_22_NL | Continuation advise: Any type of Middle Vocational Education  |
| B17_7_23_NL | Continuation advise: Higher Vocational Education  |
| B17_7_24_NL | Continuation advise: University   |
| B17_7_25_NL | Continuation advise: Does not know  |
| B26a_7_NL   | Did you follow advice and continue with another type of education or school level?  |
| B33a_7_NL   | Reason discontinuation: I am satisfied with my education  |
| B33b_7_NL   | Reason discontinuation: I did not like to go to school anymore  |
| B33c_7_NL   | Reason discontinuation: I wanted to work and earn money   |
| B33d_7_NL   | Reason discontinuation: I had to work and earn money  |
| B33e_7_NL   | Reason discontinuation: I got married   |
| B33f_7_NL   | Reason discontinuation: My parents made me stop   |
| B33g_7_NL   | Reason discontinuation: I had to take care of the children or family  |
| B33h_7_NL   | Reason discontinuation: Other reasons   |
| B27_7_NL    | Did you later in life return to school to pickup education again?   |
| B27a_7_NL   | With which type of education or school level did you continue?  |
| secschool   | LIFE EXPERIENCECES/CHARACTERISTICS DURING SECONDARY SCHOOL  |
| B32_NL      | Highest level of education completed with a diploma   |
| B32_NL_EDC  | Highest level of education completed with a diploma (EduCode)   |
| B32_NL_EDCR | Highest level of education completed with a diploma (EduCode-Reduced)   |
| B34_NL      | What was/ is the field or domain of your highest qualification or current study?  |

- B35 How often did you change schools at secondary school level
- B36 How often did you repeat a grade or class in secondary school?
- B37a Have you ever interrupted going to Dutch secondary school to go abroad for a period of more than three months?
- B37ba Went abroad during: 1st grade
- B37bb Went abroad during: 2nd grade
- B37bc Went abroad during: 3rd grade
- B37bd Went abroad during: 4th grade
- B37be Went abroad during: 5th grade
- B37bf Went abroad during: 6th grade
- B38a\_NL Which philosophy of education underpins your most important secondary school
- B38b\_NL Which life philosophy/religion underpins your most important secondary school
- B39 How many children of immigrant origin were there at this secondary school?
- B40a Because this was the local school for students who live in this area
- B40b Because this school was known to be a better school than others in the area
- B40c Because this school offered specific study programs
- B40d Because this school had a particular religion or philosophy of life
- B40e Because this school had no particular religion or philosophy of life
- B40f Because siblings or friends attended this school
- B40g Because class mates of my elementary school went to this school
- B40h Because my parents decided it likewise
- B40i Because in this school there were/ are few children of immigrants
- B40j Because other schools in the area didn't accept children of immigrant origin.
- B40k Because of my school advice
- B40l Because of other reasons
- B40m\_NL Does not know
- B41 Did you ever go to a remedial teacher during secondary school?
- B42 Did you ever have homework guidance during secondary school?
- B43a At my most important secondary school: could get along with most teachers
- B43b At my most important secondary school: could get along with most students
- B43c At my most important secondary school: most teachers really listened to what I had to say
- B43d At my most important secondary school: when needed, teachers gave me extra help
- B44 When you were in secondary school, had a quiet place at home to do homework?
- B45 How many books were there at your home?
- B46 Do you have one or more older siblings with a school diploma or certificate?
- B47 What is the highest diploma or certificate obtained among your older sibling(s)?
- B48 Do you have older siblings who have left secondary school without diploma or certificate?
- B49 Do you have younger siblings who have left secondary school without diploma or certificate?
- B50 When in secondary school, had friends who left secondary school without diploma or certificate?
- B51a Important during secondary school: Mother
- B51b Important during secondary school: Father
- B51c Important during secondary school: Elder sibling(s)
- B51d Important during secondary school: Peer(s)
- B51e Important during secondary school: Teacher(s)
- B52a

|      |   |
|------|---|
|      | During secondary school, how often did your parents control the time you spent on homework?             |
| B52b | During secondary school, how often did your parents help you with your homework?                        |
| B52c | During secondary school, how often did your parents let you do household chores or look after siblings? |
| B52d | During secondary school, how often did your parents talk with you about school or studies?              |
| B52e | During secondary school, how often did your parents meet with or talk to your teachers?                 |
| B53a | During secondary school, how often did your older siblings help with your homework?                     |
| B53b | During secondary school how often did your older siblings talk with you about school or studies?        |
| B54  | In secondary school, perceived degree of welcome of second generation compared to comparison group?     |
| B55  | In secondary-school, experienced hostility or unfair treatment?   |
| B56a | Experienced hostility or unfair treatment from: Students  |
| B56b | Experienced hostility or unfair treatment from: Teachers  |
| B56c | Experienced hostility or unfair treatment from: Principal   |
| B56d | Experienced hostility or unfair treatment from: Supervisor or headmaster                                |
| B56e | Experienced hostility or unfair treatment from: Others  |
| B57  | Looking back, how satisfied are you with the level of education that you have achieved?                 |
| B58  | The school system in the Netherlands offers equal opportunities to everybody.                           |

## Module C: Labour market

|                |  |
|----------------|--|
| C1             | Current position on the labour market  |
| C2_ISCO        | Current job according to ISCO ILO classification of occupations                |
| C2sbc_NL       | Current job according to Dutch SBC classification of occupations               |
| C2pres_NL      | Current job position on U&S-92 prestige scale                                  |
| C2ses_NL       | Current job position on Isei-92- socio-economic status scale                   |
| C2socla_NL     | Current job position on Egp-92- social class scale                             |
| C2salary_NL    | Current job position Salary or non-salary worker                               |
| C2supervise_NL | Current job position Supervising how many people                               |
| C2headman_NL   | Current job position Head or manual  |
| C2reqskills_NL | Current job position Required skill level                                      |
| C2manlabsup_NL | Current job position Supervising manual laborers                               |
| C3             | Current job: since when do   |
| C4             | Current job: economic sector of company/organization in which respondent works |
| C5             | Current job: kind of company or organization                                   |
| C6_NL          | Current job: name of municipality of working address                           |
| C7             | Current job: How many hours per week do you usually work                       |
| C8             | Current job: Working/contract status in current job position                   |
| C9a_NL         | Current job: Do you supervise other employees?                                 |
| C9b_NL         | Current job: How many employees do you supervise?                              |
| C10            | Current job: Size of the firm/organisation in terms of numbers of employees    |
| C11            | Current job: In what way did you find your current job                         |
| C12            | Current job: corresponds with education and skills level                       |

|                 |   |
|-----------------|---|
| C13             | Current job: Do or did you have on-the-job training in current job                        |
| C14             | Current job: Did you make promotion in your current job                                   |
| C15             | Current job is also first job?  |
| C16             | How many jobs did you have before your current job  |
| C17             | How many of these past jobs were full-time jobs   |
| C18             | Main reason leaving first job/stopped first business                                      |
| C19_ISCO        | First job according to ISCO ILO classification of occupations                             |
| C19sbc_NL       | First job according to Dutch SBC classification of occupations                            |
| C19pres_NL      | First job position on U&S-92 prestige scale   |
| C19ses_NL       | First job position on Isei-92- socio-economic status scale                                |
| C19socla_NL     | First job position of first job on Egp-92- social class scale                             |
| C19salary_NL    | First job position Salary or non-salary worker  |
| C19supervise_NL | First job position Supervising how many people  |
| C19headman_NL   | First job position Head or manual   |
| C19reqskills_NL | First job position Required skill level   |
| C19manlabsup_NL | First job position Supervising manual laborers  |
| C20a            | First job: starting year  |
| C20b            | First job: How many months did you work in first job                                      |
| C21             | First job: Economic sector of company/organization  |
| C22             | First job: Kind of company or organization  |
| C23_NL          | First job: Municipality of working address first job                                      |
| C24             | First job: How many hours per week do you usually work                                    |
| C25             | First job: Working/contract status in first job position                                  |
| C26a_NL         | First job: Do you supervise other employees?  |
| C26b_NL         | First job: How many employees do you supervise?   |
| C27_NL          | First job: Size of the firm/organisation in terms of numbers of employees                 |
| C28             | First job: In what way did you find your current job                                      |
| C29             | First job: corresponds with education and skills level                                    |
| C30             | First job: Do or did you have on-the-job training in current job                          |
| C31             | First job: Did you make promotion in your current job                                     |
| C32             | Perceived difficulty of second generation finding a good job compared to comparison group |
| C33             | When looking for a job ever experienced hostility?  |
| C34             | At your workplace ever experienced hostility because of your origin?                      |
| C35a            | Hostility/unfair treatment by: Co-workers or colleagues                                   |
| C35b            | Hostility/unfair treatment by: Foremen or supervisors                                     |
| C35c            | Hostility/unfair treatment by: Boss or director   |
| C35d            | Hostility/unfair treatment by: Clients  |
| C35e            | Hostility/Unfair treatment by: Others   |
| C35f            | Hostility/Unfair treatment by: Don't know   |
| C36             | How many months did it take before you found your first job?                              |
| C37             | Situation during the first period after finishing school/ study?                          |
| C38             | Have you been without paid employment since you left school?                              |
| C39             | What was your longest period without paid employment?                                     |
| C40             | Did your career so far live up to your expectations?                                      |
| C41             | What are your future plans concerning your working career?                                |
| C42             | Are you currently looking for work?   |
| C43             | How are you looking for work?   |

|                 |  |
|-----------------|--|
| C44             | Did you ever have a paid job?  |
| C45             | How long have you been without paid employment since your last paid job? |
| C46_ISCO        | Last job according to ISCO ILO classification of occupations             |
| C46sbc_NL       | Last job according to Dutch SBC classification of occupations            |
| C46pres_NL      | Last job position on U&S-92 prestige scale                               |
| C46ses_NL       | Last job position on Isei-92- socio-economic status scale                |
| C46socla_NL     | Last job position on Egp-92- social class scale                          |
| C46salary_NL    | Last job position Salary or non-salary worker                            |
| C46supervise_NL | Last job position Supervising how many people                            |
| C46headman_NL   | Last job position Head or manual   |
| C46reqskills_NL | Last job position Required skill level                                   |
| C46manlabsup_NL | Last job position Supervising manual laborers                            |
| C47a            | Last job: Starting year  |
| C47b            | Last job: Job duration in months   |
| C48             | Last job: Economic sector of company/organization                        |
| C49             | Last job: Kind of company or organization                                |
| C50b_NL         | Last job: Municipality of working address                                |
| C51             | Last job: Usual number of hours working                                  |
| C52             | Last job: Working/contract status in last job position                   |
| C53a_NL         | Last job: Supervision of other employees?                                |
| C53b_NL         | Last job: How many employees under supervision?                          |
| C54             | Last job: Size of the firm/organisation in terms of numbers of employees |
| C55             | Last job: In what way did you find it                                    |
| C56             | Last job: Corresponds with education and skills level                    |
| C57             | Last job: Did you have on-the-job training                               |
| C58             | Last job: Did you make promotion   |
| C59             | Was your last job also your first job?                                   |
| C60             | How many jobs did you have before your last job?                         |
| C61             | How many of the jobs before your last job were full-time?                |
| C62             | Main reason leaving first job  |
| C63_ISCO        | First job according to ISCO ILO classification of occupations            |
| C63sbc_NL       | First job according to Dutch SBC classification of occupations text      |
| C63pres_NL      | First job position on U&S-92 prestige scale                              |
| C63ses_NL       | First job position on Isei-92- socio-economic status scale               |
| C63socla_NL     | First job position on Egp-92- social class scale                         |
| C63salary_NL    | First job position Salary or non-salary worker                           |
| C63supervise_NL | First job position Supervising how many people                           |
| C63headman_NL   | First job position Head or manual  |
| C63reqskills_NL | First job position Required skill level                                  |
| C63manlabsup_NL | First job position Supervising manual laborers                           |
| C64a            | First job: starting year   |
| C64b            | First job: How many months did you work                                  |
| C65             | First job: Economic sector of company/organization                       |
| C66             | First job: Kind of company or organization                               |
| C67b            | First job: Municipality of working address                               |
| C68             | First job: Usual number of hours per week working                        |
| C69             | First job: Working/contract status                                       |
| C70a_NL         | First job: Did you supervise other employees?                            |

|         |  |
|---------|--|
| C70b_NL | First job: How many employees did you supervise?   |
| C72     | First job: In what way did you find that job?  |
| C73     | First job: Corresponds with education and skills level?                                      |
| C74     | First job: Do or did you have on-the-job training?   |
| C75     | First job: Did you make promotion?   |
| C76     | First job: Ever personally experienced hostility or unfair treatment because of your origin? |
| C77a    | First job: Hostility/unfair treatment by: Co-workers or colleagues                           |
| C77b    | First job: Hostility/unfair treatment by: Foremen or supervisors                             |
| C77c    | First job: Hostility/unfair treatment by: Boss or director                                   |
| C77d    | First job: Hostility/unfair treatment by: Clients  |
| C77e    | First job: Hostility/Unfair treatment by: Others   |
| C77f    | First job: Hostility/Unfair treatment by: Don't know   |
| C78     | Transition school to first job: months it took to find the job                               |
| C79     | Situation during the first period after completion of school/ study?                         |
| C80     | Perceived difficulty of second generation finding a good job compared to comparison group    |
| C81     | When looking for a job ever experienced hostility?   |
| C82     | Did your career so far live up to your expectations?   |
| C83     | What are your future plans concerning your working career?                                   |

## Module D: Partner

|          |   |
|----------|---|
| D1month  | Started living together: month                                  |
| D1year   | Started living together: year                                   |
| D3       | First circumstances when meeting your partner                   |
| D4       | In which country was your partner born?                         |
| D5       | How old was your partner when coming to survey country?         |
| D6       | In which country was mother of your partner born?               |
| D7       | Did that mother ever live in survey country?                    |
| D8       | In which country was father of your partner born?               |
| D9       | Did father of your partner ever live in survey country?         |
| D10a     | Partner has survey country nationality                          |
| D10b     | Partner has Turkish nationality                                 |
| D10c     | Partner has Moroccan nationality                                |
| D10z_NL  | Partner has national and country of parents nationality         |
| D10j     | Other   |
| D11_NL   | Highest attended level of education of partner                  |
| D12_NL   | Highest diploma/qualification of your partner                   |
| D13      | Partners employment situation                                   |
| D14      | Has your partner a religion?                                    |
| D15      | Religion of your partner?                                       |
| D16      | Is your marriage a civil registration marriage?                 |
| D17month | Marriage month  |
| D17year  | Marriage year   |
| D18      | Are you and your partner relatives                              |
| D19      | Any pressured renouncement of family/relatives of your marriage |

|          |   |
|----------|---|
| D20      | Any pressured encouragement of family/relatives of your marriage            |
| D22      | Did you want to get married with your partner                               |
| D25      | Pressure of in-laws to renounce any marriage                                |
| D26      | Pressure of in-laws to encourage any marriage                               |
| D27      | Were you married or living-together before current marriage/partnership     |
| D28      | Did you ever live together with someone as a couple                         |
| D29month | Month started living together with last partner                             |
| D29year  | Year started living together with last partner                              |
| D30      | Age of partner when you started living together                             |
| D31b     | Year in which relationship with last partner ended                          |
| D32      | Country of birth of last partner  |
| D33      | Country of birth of mother of last partner                                  |
| D34      | Country of birth of father of last partner                                  |
| D35      | Were you and your last partner relatives?                                   |
| D36      | Did you have a civil registration marriage with last partner?               |
| D37      | Any pressure to renounce marriage with last partner from family/in-laws     |
| D38      | Any pressure to encourage marriage with last partner from family/in-laws    |
| D41      | Before last marriage/relation, ever lived together with someone as a couple |
| D42month | Month started living together with first partner                            |
| D42year  | Year started living together with first partner                             |
| D43      | Age first partner when started living together                              |
| D44      | In which year did relation with first partner end                           |
| D45      | Country of birth of first partner   |
| D46      | Country of birth of mother of first partner                                 |
| D47      | Country of birth of father of first partner                                 |
| D48      | Were you and your first partner relatives/family                            |
| D49      | Were you having a civil registration marriage with your first partner       |

## Module E: Parents

|                 |  |
|-----------------|--|
| E1a             | In which country was your father born  |
| E1b             | Birth year father  |
| E2              | Country of usual residence of father until age 15                                |
| E3              | Province of usual residence of father until age 15                               |
| E4              | Type of place of usual residence of father until age 15                          |
| E5              | Is your father still alive?  |
| E6              | Year of death of father  |
| E7              | Where does your father live now?   |
| E8              | Fathers current activity/job status  |
| E9              | Fathers current activity/job status at respondents age 15                        |
| E10_ISCO        | Occupation father at respondent age 15 according to ISCO ILO classification      |
| E10sbc_NL       | Occupation father at respondent age 15 according to DUTCH SBC classification     |
| E10prest_NL     | Position job father at respondent age 15 on U&S-92 prestige scale                |
| E10ses_NL       | Position job father at respondent age 15 on Isei-92- socio-economic status scale |
| E10headman_NL   | Position job father at respondent age 15 Head or manual                          |
| E10reqskills_NL | Position job father at respondent age 15 Required skill level                    |
| E10manlabsup_NL | Position job father at respondent age 15 Supervising manual laborers             |

|                  |   |
|------------------|---|
| E11a             | In which country was your mother born   |
| E11b             | Birth year mother   |
| E12              | Country of usual residence of mother until age 15                                     |
| E13              | Province of usual residence of mother until age 15                                    |
| E14              | Type of place of usual residence of mother until age 15                               |
| E15              | Is your mother still alive?   |
| E16              | Year of death of mother   |
| E17              | Where does your mother live now?  |
| E18              | Mothers current activity/job status   |
| E19              | Mothers current activity/job status at respondents age 15                             |
| E20_ISCO         | Occupation mother at respondent age 15 according to ISCO ILO classification           |
| E20sbc_NL        | Occupation mother at respondent age 15 according to DUTCH SBC classification          |
| E20pres_NL       | Position job mother at respondent age 15 on U&S-92 prestige scale                     |
| E20ses_NL        | Position job mother at respondent age 15 on Isei-92- socio-economic status scale      |
| E20headman_NL    | Position job mother at respondent age 15 Head or manual                               |
| E20reqskills_NL  | Position job mother at respondent age 15 Required skill level                         |
| E20manlabsup_NL  | Position job mother at respondent age 15 Supervising manual laborers                  |
| E21a             | How old was your father when he came to survey country for the first time?            |
| E21b             | For what main reason did your father come to survey country                           |
| E22a             | Did your father have paid work before he came to survey country                       |
| E22b_ISCO        | Job title father according to ISCO ILO classification before coming to survey country |
| E22bsbc_NL       | job title father before coming to NL according to Dutch SBC classification            |
| E22bpres_NL      | Position job father before coming to NL on U&S-92 prestige scale                      |
| E22bses_NL       | Position job father before coming to NL on Isei-92- socio-economic status scale       |
| E22bheadman_NL   | Position job father before coming to NL Head or manual                                |
| E22breqskills_NL | Position job father before coming to NL Required skill level                          |
| E22bmanlabsup_NL | Position job father before coming to NL Supervising manual laborers                   |
| E23a             | How old was your mother when he came to survey country for the first time?            |
| E23b             | For what main reason did your mother come to survey country                           |
| E24a             | Did your mother have paid work before she came to survey country                      |
| E24b_ISCO        | Job title mother before coming to survey country according to ISCO ILO classification |
| E24bsbc_NL       | job title mother before coming to NL according to Dutch SBC classification            |
| E24bpres_NL      | Position job mother before coming to NL on U&S-92 prestige scale                      |
| E24bses_NL       | Position job mother before coming to NL on Isei-92- socio-economic status scale       |
| E24bheadman_NL   | Position job mother before coming to NL Head or manual                                |
| E24breqskills_NL | Position job mother before coming to NL Required skill level                          |
| E24manlabsup_NL  | Position job mother before coming to NL Supervising manual laborers                   |
| E25a             | Are/were your parents married?  |
| E25b             | How long are/have your parents been married?  |
| E26              | Did your parents always remain together?  |
| E27              | In which year did your parents separate?  |
| E28_NL           | What is the highest school level attended by father?                                  |
| E29              | Did your father complete that highest level successfully with a diploma?              |
| E30              | Can/could your father read and write?   |
| E31a_T           | Father raised in: Survey country language   |
| E31b_T           | Father raised in: Turkish   |
| E31c_T           | Father raised in: Kurdish   |
| E31d_T           | Father raised in: Aramaic   |

|        |  |
|--------|--|
| E31e_T | Father raised in: Suryoye  |
| E31f_T | Father raised in: Armenian   |
| E31j_T | Father raised in: Other  |
| E31k_T | Father raised in: Does not know                                    |
| E31a_M | Father raised in: Survey country language                          |
| E31b_M | Father raised in: Moroccan   |
| E31c_M | Father raised in: Riffin   |
| E31d_M | Father raised in: Tashelhiyt                                       |
| E31e_M | Father raised in: Tamazight  |
| E31f_M | Father raised in: Classical Arabic                                 |
| E31g_M | Father raised in: French   |
| E31h_M | Father raised in: Spanish  |
| E31j_M | Father raised in: Other  |
| E31k_M | Father raised in: Does not know                                    |
| E32    | How well does your father speak language of survey country         |
| E33    | Can your father read and write language of survey country          |
| E34    | Does/Did your father have the citizenship of survey country        |
| E35b   | Does/Did your father have the nationality of his country of origin |
| E36_NL | What is the highest school level attended by your mother?          |
| E37    | Did your mother complete that highest level successfully?          |
| E38    | Can/could your mother read and write?                              |
| E39a_T | Survey country language  |
| E39b_T | Turkish  |
| E39c_T | Kurdish  |
| E39d_T | Aramaic  |
| E39e_T | Suryoye  |
| E39f_T | Armenian   |
| E39g_T | English  |
| E39j_T | Other  |
| E39k_T | Does not know  |
| E39a_M | Survey country language  |
| E39b_M | Moroccan   |
| E39c_M | Riffin   |
| E39d_M | Tashelhiyt   |
| E39e_M | Tamazight  |
| E39f_M | Classical Arabic   |
| E39g_M | French   |
| E39h_M | Spanish  |
| E39j_M | Other  |
| E39k_M | Does not know  |
| E40    | How well does your mother speak language of survey country         |
| E41    | Can your mother read and write language of survey country          |
| E42    | Does/Did your mother have the nationality of survey country        |
| E44    | Has your mother the nationality of her country of origin           |

## Module F: Housing and neighbourhood

|        |   |
|--------|---|
| F1     | Year started living in this house/apartment                                       |
| F2     | Who owns this house?  |
| F2_NL  | From whom do you rent this house/apartment  |
| F3     | Which period was this house/apartment built                                       |
| F4a    | How many rooms has your house/apartment   |
| F4b_NL | How many square meters of surface does this house measure                         |
| F5a    | In which country did you live when you were between 12 and 16 years old           |
| F5b    | In which city/town/village did you live when you were between 12 and 16 years old |
| F5c    | In which neighbourhood did you live when you were between 12 and 16 years old     |
| F6     | What's your rating of the neighbourhood you are currently living in               |
| F7     | How would you describe the neighbourhood you are currently living in              |
| F8     | In what kind of neighbourhood would you prefer to live in                         |
| F9a    | I am attached to this neighbourhood   |
| F9c    | There is hardly any vandalism in this neighbourhood                               |
| F9d    | There are hardly enough good schools in this neighbourhood                        |
| F9f    | I have good contact with my neighbours  |
| F9h    | I expect liveability in this neighbourhood will deteriorate                       |
| F9i    | A lot of garbage in this neighbourhood  |
| F9j    | People hardly know each other in this neighbourhood                               |
| F9k    | A lot of crime in this neighbourhood  |

## Module G: Social relations and political participation

|        |   |
|--------|---|
| G1a    | Ethnicity first best friend during secondary school                                   |
| G1b    | Ethnicity second best friend during secondary school                                  |
| G1c    | Ethnicity third best friend during secondary school                                   |
| G1da   | How many of your friends during secondary school were from the other ethnic group (s) |
| G1db   | How many of your current friends are from the other ethnic group(s)                   |
| G2a    | Ethnicity best current friend   |
| G2b    | Ethnicity 2nd best current friend   |
| G2c    | Ethnicity 3rd best current friend   |
| G3a_NL | Education best current friend   |
| G3b_NL | Education 2nd best current friend   |
| G3c_NL | Education 3rd best current friend   |
| G4a    | Do you have relatives in this city  |
| G4b    | Do you have relatives living elsewhere in survey country                              |
| G4c    | Do you have relatives living elsewhere in other European countries                    |
| G5     | How often do you have contact with the relatives that you have most contact with?     |
| G6a    | Participates in sports club or team   |
| G6b    | Participates in student union   |
| G6c    | Participates in religious organisations   |
| G6d    | Participates in political parties or groups   |
| G6e    | Participates in arts, music or cultural activities                                    |
| G6f    | Participates in trade unions  |

|         |   |
|---------|---|
| G6g     | Participates in women's groups  |
| G6i     | Participates in local community poverty, employment, housing, racial equality or alike groups                             |
| G6j     | Participates in third world development   |
| G6k     | Participates in conservation, environment, ecology, animal rights   |
| G6l     | Participates in human rights or peace movement  |
| G6m     | Participates in professional association  |
| G6n     | Participates in parents organisation in school  |
| G6o     | Participates in other kind of groups  |
| G6p     | Does not participate in any organisations   |
| G7a     | Mostly oriented towards country of parents: sports club or team   |
| G7b     | Mostly oriented towards country of parents: student union   |
| G7c     | Mostly oriented towards country of parents: religious organisations   |
| G7d     | Mostly oriented towards country of parents: political parties or groups   |
| G7e     | Mostly oriented towards country of parents: arts, music or cultural activities  |
| G7f     | Mostly oriented towards country of parents: trade unions  |
| G7g     | Mostly oriented towards country of parents: women's groups  |
| G7i     | Mostly oriented towards country of parents: local community poverty, employment, housing, racial equality or alike groups |
| G7j     | Mostly oriented towards country of parents: third world development   |
| G7k     | Mostly oriented towards country of parents: conservation, environment, ecology, animal rights                             |
| G7l     | Mostly oriented towards country of parents: human rights or peace movement  |
| G7m     | Mostly oriented towards country of parents: professional association  |
| G7n     | Mostly oriented towards country of parents: parents organisation in school  |
| G7o     | Mostly oriented towards country of parents: other kind of groups  |
| G7p     | Mostly oriented towards country of parents: not in any organization   |
| G8a_NL  | Have you ever experienced hostility or unfair treatment towards you because of your origin/background                     |
| G8b_NL  | How often experienced hostility or unfair treatment   |
| G9c     | Context of ethnic/background related hostility: neighbourhood   |
| G9d     | Context of ethnic/background related hostility: dancings, cafe, restaurants, etc.   |
| G9z_NL  | Context of ethnic/background related hostility: government/municipality   |
| G9f     | Context of ethnic/background related hostility: in contacts with police   |
| G10a    | Reason hostility: Ethnic origin or background   |
| G10b    | Reason hostility: Language or accent  |
| G10c    | Reason hostility: Skin colour   |
| G10d    | Reason hostility: Religion  |
| G10e    | Reason hostility: Social class or class origin  |
| G10f    | Other reasons for hostility   |
| G10g    | Does not know what reason for hostility was   |
| G11a_NL | Ever confronted with offensive words because of origin or background  |
| G11b_NL | How often confronted with offensive words because of origin or background   |
| G12a    | Offences came from: Survey country people   |
| G12b    | Offences came from: Moroccans   |
| G12c    | Offences came from: Turks   |
| G12d    | Offences came from: Other immigrant groups  |
| G13a    | Perception about hostile treatment experiences towards: Survey country comparison group members                           |

|         |   |
|---------|---|
| G13b    | Perception about hostile treatment experiences towards: The Moroccans                   |
| G13c    | Perception about hostile treatment experiences towards: The Turks                       |
| G13d    | Perception about hostile treatment experiences towards: The Muslims                     |
| G13g    | Perception about hostile treatment experiences towards: The Dark-skinned                |
| G14a    | Context of hostility/unfair treatment against second generation: school                 |
| G14b    | Context of hostility/unfair treatment against second generation: workplace              |
| G14c    | Context of hostility/unfair treatment against second generation: looking for work       |
| G14e    | Context of hostility/unfair treatment against second generation: disco, cafe, etc.      |
| G14g    | Context of hostility/unfair treatment against second generation: in their neighbourhood |
| G14j    | Context of hostility/unfair treatment against second generation: encounters with police |
| G15a    | Voted in the last municipal elections   |
| G15b_NL | To which political party did you give your vote   |
| G16     | Political positioning on a left to right scale  |

## Module H: Gender roles and child care

|        |  |
|--------|--|
| H1a    | Who cares for non-school going kids: Respondent  |
| H1b    | Who cares for non-school going kids: Partner   |
| H1c    | Who cares for non-school going kids: Family  |
| H1d    | Who cares for non-school going kids: Nursery school, Crèche                                      |
| H1e    | Who cares for non-school going kids: Others  |
| H2a_NL | (Combines H2 and H7) Who generally cares for: the kids   |
| H2b_NL | (Combines H2 and H7) Who generally cares for: the household chores                               |
| H2c_NL | (Combines H2 and H7) Who generally cares for: cooking the daily meals                            |
| H2d_NL | (Combines H2 and H7) Who generally cares for: finances/administrative matters                    |
| H2e_NL | (Combines H2 and H7) Who generally cares for: the earnings/income                                |
| H3_NL  | (Combines H3 and H8) Are you satisfied with division of hold tasks between you and your partner  |
| H4a_NL | (Combines H4 and H11) Women with small children should not work outside the house                |
| H4b_NL | (Combines H4 and H11) It is against nature if women in leading positions have authority over men |
| H4c_NL | (Combines H4 and H11) Study and higher education are less important for women than for men       |
| H5a    | Were you working just before your first child was born   |
| H5b    | Did you decide to work more, less, or did you quit work when your first child was born           |
| H6a    | Was your partner working just before your first child was born                                   |
| H6b    | Did your partner decide to work more, less, or you quit work when your first child was born      |
| H10a   | Who should take care in your household of: Kids  |
| H10b   | Who should take care in your household of: Household chores                                      |
| H10c   | Who should take care in your household of: Cooking the daily meal                                |
| H10d   | Who should take care in your household of: Finances/Administrative matters                       |
| H10e   | Who should take care in your household of: Earnings/Income                                       |

## Module J: Identity

|          |  |
|----------|--|
| J1a      | To what extent do you feel being citizen of survey country   |
| J1b      | To what extent do you feel being citizen of survey city  |
| J1d      | To what extent do you feel Moroccan/Turk   |
| J1e      | To what extent do you feel Kurd/Berber   |
| J1g      | To what extent do you feel European  |
| J1h      | To what extent do you feel Muslim/Christian  |
| J2       | In this city, how is the relationship between the survey country people and members of your ethnic group             |
| J3       | How did this relationship between the survey country people and members of your ethnic group develop in recent years |
| J4       | What do you think living together of survey country people and members of your ethnic group does to your culture?    |
| J5       | What do you think living together of survey country people and members of your ethnic group does to the economy?     |
| J6       | Religious diversity is good for this city  |
| J7a      | People of immigrant origin should mostly live according their own culture inside the home                            |
| J7b      | People of immigrant origin should mostly live according to survey country peoples culture inside the home            |
| J7c      | People of immigrant origin should mostly live according to their own culture outside the home                        |
| J7d      | People of immigrant origin should mostly live according to survey country culture outside the home                   |
| J7g      | Government should do more to improve the position of immigrants  |
| J8a_T    | Language raised: Survey country language   |
| J8b_T    | Language raised: Turkish   |
| J8c_T    | Language raised: Kurdish   |
| J8d_T    | Language raised: Aramaic   |
| J8e_T    | Language raised: Suryoye   |
| J8f_T    | Language raised: Armenian  |
| J8j_T    | Language raised: Other   |
| J8a_M    | Language raised: Survey country language   |
| J8b_M    | Language raised: Moroccan  |
| J8c_M    | Language raised: Riffi   |
| J8d_M    | Language raised: Tashelhiyt  |
| J8e_M    | Language raised: Tamazight   |
| J8f_M    | Language raised: Standard Arabic   |
| J8h_M    | Language raised: French  |
| J8i_M    | Language raised: Spanish   |
| J8j_M    | Language raised: Other   |
| J9a_T_NL | Understands Turkish  |
| J9b_T_NL | Understands Kurdish  |
| J9c_T_NL | Understands Aramaic  |
| J9d_T_NL | Understands Suryoye  |
| J9e_T_NL | Understands Armenian   |
| J9f_T_NL | Understands Other  |

|          |  |
|----------|--|
| J9g_T_NL | Understands No other languages in parents country  |
| J9b_M_NL | Understands Moroccan   |
| J9c_M_NL | Understands Riffi  |
| J9d_M_NL | Understands Tashelhiyt   |
| J9e_M_NL | Understands Tamazight  |
| J9x_M_NL | Understands Arabic   |
| J9y_M_NL | Understands French   |
| J9z_M_NL | Understands Spanish  |
| J9f_M_NL | Understands Other  |
| J9g_M_NL | Understands no other languages in parents country  |
| j10a     | How well do you speak language of survey country   |
| j10b     | How well do you read language of survey country  |
| j10c     | How well do you write language of survey country   |
| j11a     | How well do you speak the language of your ethnic descent group  |
| j11b     | How well do you read the language of your ethnic descent group   |
| j11c     | How well do you write the language of your ethnic descent group  |
| J12a_NL  | Which language do you speak with your mother   |
| J12b_NL  | Which language do you speak with your father   |
| J12c_NL  | Which language do you speak with your friends  |
| J12d_NL  | Which language do you speak with your brothers/sisters   |
| J12e_NL  | Which language do you speak with your partner  |
| J13a     | Do you watch TV  |
| J13b     | What kind of stations do you watch   |
| J14a     | Do you use internet  |
| J14ba    | Use of internet for work   |
| J14bb    | Use of internet for study  |
| J14bc    | Use of internet for religious matters  |
| J14bd    | Use of internet for contact with friends   |
| J14be    | Use of internet for leisure  |
| J14bf    | Use of internet for info on country of origin of parents   |
| j15a     | Did you visit the country of your parents origin in the past 5 years                                     |
| J15b     | Number of times respondent visited country of parents in the past 5 years                                |
| J16      | What was the main reason of your visit(s)  |
| J17a     | Did you remit money in the past 5 years to country of origin of parents                                  |
| J17b     | How much was this per year   |
| J18a     | Did you invest money in business or real estate in the past 5 years in the country of origin of parents? |
| J18b     | How much money did you invest  |
| J19      | Do you intend to go and live in the country of origin of your parents                                    |

## Module K: Religion and religiosity

|       |  |
|-------|--|
| K1    | Where you raised according to a religion                                 |
| K2    | Which religion was this  |
| K3    | As a child did you attend Koran lessons                                  |
| K4_NL | When you were little, frequency of mosque/reli service visits of FATHER? |
| K5    | Did you attend catechism lessons outside school                          |

|           |  |
|-----------|--|
| K6        | When you were little, how often did your parents go to church or attend religious meetings                 |
| K7        | When you were a child, did you attend Torah lessons  |
| K8        | When you were little, how often did your parents go to the synagogue or attend religious services          |
| K9        | Do you currently have a religion   |
| K10       | Which religion do you have   |
| K11       | How often did you fast during the last Ramadan   |
| K12       | How often do you eat halal food  |
| K13       | How often do you do your daily prayers   |
| K15       | To what extent do you observe fasting period in your religion  |
| K16       | How often do you pray  |
| K17       | How often do you visit mosque/church/synagogue (inc. K14)  |
| K18a      | Being a [Muslim/Christian/etc] is an important part of myself  |
| K18b      | The fact that I am a [Muslim/ Christian/other religion mentioned] is something I often think about.        |
| K18c      | I see myself as a real [Muslim/ Christian/other religion mentioned]  |
| K18d      | In many aspects I am like other [Muslims/Christians/other religion mentioned]                              |
| K18e      | When somebody says something bad about my religion I feel personally hurt.                                 |
| K19a      | Religion should be a private matter between a religious person and God                                     |
| K19b      | Religion should be represented in politics and society, along with other religious or political viewpoints |
| K19c      | Religion should be the only and ultimate political authority   |
| K20a      | All religious symbols or signs should be banned from survey country schools.                               |
| K20b      | Islamic women should wear headscarves or cover their heads outside the house.                              |
| K21a      | Are you wearing a headscarf outside the house?   |
| K21b      | Is your wife or partner wearing a headscarf outside the house?   |
| K21c      | Did your wife or partner wear a headscarf outside the house?   |
| K21d      | If you would have a wife or partner, would you want her to wear a headscarf outside the house?             |
| K22a_1    | Because it is a religious obligation   |
| K22a_2    | Because it is [my/her] personal free choice  |
| K22a_3    | Because it is part of [my/her] Muslim identity   |
| K22a_4    | Because I want to avoid gossip or disrespectful behaviour towards [me/her]                                 |
| K22a_5    | Because it strengthens mutual trust in [my/our] family   |
| K22a_6_NL | Other  |
| K22a_7_NL | No 2nd reason  |
| K22a_8_NL | No 3rd reason  |
| K23a_1    | Because it is not a real religious obligation  |
| K23a_2    | Because it is [my/her] personal free choice not to wear the headscarf                                      |
| K23a_3    | Because it is better to adapt into the society of survey country   |
| K23a_4    | Because I want to avoid discrimination or disrespectful behaviour towards [me/her]                         |
| K23a_5    | Because men and women have equal rights  |
| K23a_6_NL | Other  |
| K23a_7_NL | No 2nd reason  |
| K23a_8_NL | No 3rd reason  |

## Module L: Income

|      |   |
|------|---|
| L1   | Monthly net income of respondent  |
| L2   | Do you receive any financial benefits (employment, disability, etc.)    |
| L3a  | Welfare benefit   |
| L3b  | Unemployment benefit  |
| L3c  | Disability benefit  |
| L3d  | Scholarship   |
| L3e  | Alimony   |
| L3f  | Other benefits  |
| L4   | Monthly net benefits received by respondent                             |
| L5   | Monthly net income partner  |
| L6   | Receipt of financial benefits of partner (employment, disability, etc.) |
| L7a  | Welfare benefit   |
| L7b  | Unemployment benefit  |
| L7c  | Disability benefit  |
| L7d  | Scholarship   |
| L7e  | Alimony   |
| L7f  | Other benefits  |
| L8   | Monthly net benefits received by partner of respondent                  |
| L9a  | Respondent and/or partner have mortgage for housing                     |
| L10a | Respondent and/or partner have loan for a car                           |
| L11a | Respondent and/or partner have loan for other consumption purposes      |
| L12  | Which statement best describes your income/welfare situation            |

## Module M: Psychosocial, personal relations (from written questionnaire)

|      |  |
|------|--|
| M1a  | I am able to do things as well as most other people                        |
| M1b  | I feel I do not have much to be proud of                                   |
| M1c  | On the whole, I am satisfied with myself                                   |
| M1d  | At times I think I am no good at all                                       |
| M2a  | It is easy for me to stick to my aims and accomplish my goals              |
| M2b  | I can solve most problems, if I invest the necessary effort                |
| M2c  | If I am in trouble, I can usually think of a solution                      |
| M2d  | I can usually handle whatever comes my way                                 |
| M3aa | When 17 years old, conflict with father on: study, school                  |
| M3ab | When 17 years old, conflict with father on: friends                        |
| M3ac | When 17 years old, conflict with father on: love affairs, relationships    |
| M3ad | When 17 years old, conflict with father on: leisure issues                 |
| M3ae | When 17 years old, conflict with father on: nights out                     |
| M3af | When 17 years old, conflict with father on: participation in domestic work |
| M3ag | When 17 years old, conflict with father on: money                          |
| M3ah | When 17 years old, conflict with father on: religious matters              |
| M3ai | When 17 years old, conflict with father on: politics                       |
| M3ba | When 17 years old, conflict with mother on: study, school                  |
| M3bb | When 17 years old, conflict with mother on: friends                        |

|      |  |
|------|--|
| M3bc | When 17 years old, conflict with mother on: love affairs, relationships  |
| M3bd | When 17 years old, conflict with mother on: leisure issues   |
| M3be | When 17 years old, conflict with mother on: nights out   |
| M3bf | When 17 years old, conflict with mother on: participation in domestic work                                     |
| M3bg | When 17 years old, conflict with mother on: money  |
| M3bh | When 17 years old, conflict with mother on: religious matters  |
| M3bi | When 17 years old, conflict with mother on: politics   |
| M4a  | Respondent feelings in degrees Celsius for: Survey country people  |
| M4b  | Respondent feelings in degrees Celsius for: Turks  |
| M4c  | Respondent feelings in degrees Celsius for: Moroccans  |
| M4d  | Respondent feelings in degrees Celsius for: Muslims  |
| M4e  | Respondent feelings in degrees Celsius for: Christians   |
| M4g  | Respondent feelings in degrees Celsius for: Dark-skinned people  |
| M4aa | Acceptability: women having sex before marriage  |
| M4ab | Acceptability: men having sex before marriage  |
| M4ac | Acceptability: abortion for medical reasons  |
| M4ad | Acceptability: abortion for non-medical reasons  |
| M6a  | Policy measure: Stricter application of laws against racist acts and propaganda                                |
| M6b  | Policy measure: Give priority to applicants of immigrant origin with the same qualifications in the job market |
| M6c  | Policy measure: Teach the principles of tolerance and civic morality in schools                                |
| M6d  | Policy measure: Improve [national] language mastery of immigrants and their children                           |
| M6e  | Policy measure: Teach people of immigrant origin in the language and culture of parents country of origin      |
| M6f  | Policy measure: Allow people of immigrant origin born in survey country to have multiple nationalities         |
| M6g  | Send children to a school where more than 50% of the pupils are from migrant origin?                           |
| M6h  | Ever go out to places where a lot of second generation youth decent gather?                                    |
| M7a  | Do you currently have a girlfriend/ boyfriend/ partner?  |
| M7b  | Did you ever have a girlfriend/ boyfriend/ partner?  |
| M8   | In which circumstances did you meet your current or last girlfriend/ boyfriend/ partner for the first time?    |
| M9a  | How old were you when you first met your girlfriend/ boyfriend/ partner?                                       |
| M9b  | How old was your girlfriend/ boyfriend/ partner when you first met?  |
| M10  | In what country does your current/ last girlfriend/ boyfriend/ partner live?                                   |
| M11  | In what country was your current/ last girlfriend/ boyfriend/ partner born?                                    |
| M12a | Survey country nationality is nationality of current/ last girlfriend/ boyfriend/ partner                      |
| M12b | Turkish nationality is nationality of current/ last girlfriend/ boyfriend/ partner                             |
| M12c | Moroccan nationality is nationality of current/ last girlfriend/ boyfriend/ partner                            |
| M12j | Other nationality is nationality of current/ last girlfriend/ boyfriend/ partner                               |
| M13  | Parents approve(d) of this relationship  |
| M14  | Why did parents disapprove this relationship   |
| M15  | Did you ever have sex?   |
| M16a | At what age did you have sex for the first time?   |
| M16b | Age of your first sex partner  |
| M17  | Opinion on first sex experience  |
| M18a | Do you currently use contraceptives?   |
| M20  | When asked, responded expressed comments on the interview  |

## Module EO1: Interview Evaluation Variables

|        |  |
|--------|--|
| FQ1    | Do you want to receive a summary of the survey results                           |
| EV2    | How easy/difficult was it to obtain cooperation for the interview                |
| EV3a   | Were other persons present during the interview                                  |
| EV3b_1 | Partner present  |
| EV3b_2 | Father present   |
| EV3b_3 | Mother present   |
| EV3b_4 | Father in-law present  |
| EV3b_5 | Mother in-law present  |
| EV3b_6 | Children or sisters  |
| EV3b_7 | Brothers   |
| EV3b_8 | Other persons  |
| EV4    | Who responded to the question on the partner of the respondent                   |
| EV5    | Quality of cooperation of respondent   |
| EV6    | How well did the respondent understand the questions                             |
| EV7    | Atmosphere during the interview  |
| EV8    | Events or persons influenced the interviewing                                    |
| EV9    | Any circumstance in the life of the respondent that may have influenced replying |
| EV10   | Respondent has religious symbols in the house                                    |
| EV11   | Respondent wore religious symbols during interview                               |
| EV12   | Interviewers judgement about the quality of the house/apartment                  |

## Neighbourhood level variables

|              |  |
|--------------|--|
| INTYEAR      | Year of interview  |
| problem_nh   | Classified as problematic neighbourhood (Vogelaarwijk)                                     |
| address_nh   | Number of addresses in neighbourhood per square kilometre                                  |
| inhab_nh     | Number of inhabitants neighbourhood  |
| minhab_nh    | Number of male inhabitants neighbourhood   |
| finhab_nh    | Number of female inhabitants neighbourhood   |
| density_nh   | Population density, number of inhabitants per square kilometre                             |
| hh_nh        | Total number of households in neighbourhood  |
| avhh_nh      | Average number of persons in household in neighbourhood                                    |
| birth_nh     | Number of births in neighbourhood  |
| relbirth_nh  | Relative number of births in neighbourhood per 1000 inhabitants                            |
| death_nh     | Number of deaths in neighbourhood  |
| reldeath_nh  | Relative number of deaths in neighbourhood per 1000 inhabitants                            |
| house_nh     | Number of houses in neighbourhood  |
| houseva_nh   | Average house value in neighbourhood   |
| increcnr_nh  | Number of income receivers in neighbourhood  |
| increcav_nh  | Average income per income receiver in neighbourhood  |
| incinhab_nh  | Average income per neighbourhood inhabitant  |
| socsec_nh    | Number of social security benefit receivers in neighbourhood                               |
| relsocsec_nh | Relative number of social security benefit receivers in neighbourhood, per 1000 households |

|             |   |
|-------------|---|
| disab_nh    | Number of disability benefit receivers in neighbourhood, only 2006  |
| relisab_nh  | Relative number of disability benefit receivers in neighbourhood, per 1000 inhabitants aged 15-65 year, only 2006 |
| compcode_nh | Companies in neighbourhood, only 2006   |
| compnr_nh   | Number of companies in neighbourhood, only 2007   |
| cars_nh     | Number of cars in neighbourhood   |
| carshh_nh   | Number of cars per household in neighbourhood   |
| carskm_nh   | Number of cars per square kilometre in neighbourhood  |
| comove_nh   | Number of company motor vehicles in neighbourhood   |
| mobi_nh     | Number of motor bikes in neighbourhood  |
| disgp_nh    | Distance to general practice in kilometres, only 2007   |
| km3gp_nh    | Number of general practices within 3 kilometres, only 2007  |
| disgpp_nh   | Distance to general practice post in kilometres, only 2007  |
| dishos_nh   | Distance to hospital in kilometres, only 2007   |
| km20hos_nh  | Number of hospitals within 20 kilometres, only 2007   |
| km3dcc_nh   | Number of day-care centres within 3 kilometres, only 2007   |
| disps_nh    | Distance to primary school in kilometres, only 2007   |
| km3ps_nh    | Number of primary schools within 3 kilometre, only 2007   |
| dislpe_nh   | Distance to lower secondary professional education in kilometres, only 2007                                       |
| km5lpe_nh   | Number of lower secondary professional education schools within 5 kilometres, only 2007                           |
| dishgse_nh  | Distance to higher general secondary education/pre-university education in kilometres, only 2007                  |
| km5hgse_nh  | Number of higher general secondary education/pre-university education within 5 kilometres, only 2007              |
| disapp_nh   | Distance to main road approach in kilometres, only 2007   |
| sur_nh      | Surface in hectares in neighbourhood  |
| surland_nh  | Surface of land in hectares in neighbourhood  |
| surwat_nh   | Surface of water in hectares in neighbourhood   |
| urlu_nh     | Urban land use in hectares in neighbourhood, only 2006  |
| traar_nh    | Traffic area in hectares in neighbourhood, only 2006  |
| build_nh    | Built-on area in hectares in neighbourhood, only 2006   |
| sembuild_nh | Semi-built on area in hectares in neighbourhood, only 2006  |
| recar_nh    | Recreation area in hectares in neighbourhood, only 2006   |
| dislib_nh   | Distance to library in kilometres, only 2006  |
| dispa_nh    | Distance to performing arts in kilometres, only 2006  |
| km5pa_nh    | Number of performing arts within 5 kilometres, only 2006  |
| km10pa_nh   | Number of performing arts within 10 kilometres, only 2006   |
| km20pa_nh   | Number of performing arts within 20 kilometres, only 2006   |
| dispop_nh   | Distance to pop venue in kilometres, only 2006  |
| dismus_nh   | Distance to museum in kilometres, only 2006   |
| km5mus_nh   | Number of museums within 5 kilometre, only 2006   |
| km10mus_nh  | Number of museums within 10 kilometre, only 2006  |
| km20mus_nh  | Number of museums within 20 kilometre, only 2006  |

## Municipality level variables

|               |  |
|---------------|--|
| inhaba06_mu   | Number of inhabitants Amsterdam, 2006  |
| inhaba07_mu   | Number of inhabitants Amsterdam, 2007  |
| inhabr06_mu   | Number of inhabitants Rotterdam, 2006  |
| inhabr07_mu   | Number of inhabitants Rotterdam, 2007  |
| minhaba06_mu  | Number of male inhabitants Amsterdam, 2006   |
| minhaba07_mu  | Number of male inhabitants Amsterdam, 2007   |
| minhabr06_mu  | Number of male inhabitants Rotterdam, 2006   |
| minhabr07_mu  | Number of male inhabitants Rotterdam, 2007   |
| finhaba06_mu  | Number of female inhabitants Amsterdam, 2006   |
| finhaba07_mu  | Number of female inhabitants Amsterdam, 2007   |
| finhabr06_mu  | Number of female inhabitants Rotterdam, 2006   |
| finhabr07_mu  | Number of female inhabitants Rotterdam, 2007   |
| nativea06_mu  | Number of natives in Amsterdam (with two parents born in the Netherlands), 2006        |
| nativea07_mu  | Number of natives in Amsterdam (with two parents born in the Netherlands), 2007        |
| nativer06_mu  | Number of natives in Rotterdam (with two parents born in the Netherlands), 2006        |
| nativer07_mu  | Number of natives in Rotterdam (with two parents born in the Netherlands), 2007        |
| mnativea06_mu | Number of native men in Amsterdam (with two parents born in the Netherlands), 2006     |
| mnativea07_mu | Number of native men in Amsterdam (with two parents born in the Netherlands), 2007     |
| mnativer06_mu | Number of native men in Rotterdam (with two parents born in the Netherlands), 2006     |
| mnativer07_mu | Number of native men in Rotterdam (with two parents born in the Netherlands), 2007     |
| fnativea06_mu | Number of native women in Amsterdam (with two parents born in the Netherlands), 2006   |
| fnativea07_mu | Number of native women in Amsterdam (with two parents born in the Netherlands), 2007   |
| fnativer06_mu | Number of native women in Rotterdam (with two parents born in the Netherlands), 2006   |
| fnativer07_mu | Number of native women in Rotterdam (with two parents born in the Netherlands), 2007   |
| moroca06_mu   | Number of Moroccans in Amsterdam (with at least one parent born in Morocco), 2006      |
| moroca07_mu   | Number of Moroccans in Amsterdam (with at least one parent born in Morocco), 2007      |
| morocr06_mu   | Number of Moroccans in Rotterdam (with at least one parent born in Morocco), 2006      |
| morocr07_mu   | Number of Moroccans in Rotterdam (with at least one parent born in Morocco), 2007      |
| mmoroca06_mu  | Number of Moroccan men in Amsterdam (with at least one parent born in Morocco), 2006   |
| mmoroca07_mu  | Number of Moroccan men in Amsterdam (with at least one parent born in Morocco), 2007   |
| mmorocr06_mu  | Number of Moroccan men in Rotterdam (with at least one parent born in Morocco), 2006   |
| mmorocr07_mu  | Number of Moroccan men in Rotterdam (with at least one parent born in Morocco), 2007   |
| fmoroca06_mu  | Number of Moroccan women in Amsterdam (with at least one parent born in Morocco), 2006 |
| fmoroca07_mu  | Number of Moroccan women in Amsterdam (with at least one parent born in Morocco), 2007 |
| fmorocr06_mu  | Number of Moroccan women in Rotterdam (with at least one parent born in Morocco), 2006 |

|              |  |
|--------------|--|
| fmorocr07_mu | Number of Moroccan women in Rotterdam (with at least one parent born in Morocco), 2007 |
| turka06_mu   | Number of Turks in Amsterdam (with at least one parent born in Turkey), 2006           |
| turka07_mu   | Number of Turks in Amsterdam (with at least one parent born in Turkey), 2007           |
| turkr06_mu   | Number of Turks in Rotterdam (with at least one parent born in Turkey), 2006           |
| turkr07_mu   | Number of Turks in Rotterdam (with at least one parent born in Turkey), 2007           |
| mturka06_mu  | Number of Turkish men in Amsterdam (with at least one parent born in Turkey), 2006     |
| mturka07_mu  | Number of Turkish men in Amsterdam (with at least one parent born in Turkey), 2007     |
| mturkr06_mu  | Number of Turkish men in Rotterdam (with at least one parent born in Turkey), 2006     |
| mturkr07_mu  | Number of Turkish men in Rotterdam (with at least one parent born in Turkey), 2007     |
| fturka06_mu  | Number of Turkish women in Amsterdam (with at least one parent born in Turkey), 2006   |
| fturka07_mu  | Number of Turkish women in Amsterdam (with at least one parent born in Turkey), 2007   |
| fturkr06_mu  | Number of Turkish women in Rotterdam (with at least one parent born in Turkey), 2006   |
| fturkr07_mu  | Number of Turkish women in Rotterdam (with at least one parent born in Turkey), 2007   |
| birtha06_mu  | Number of live births in Amsterdam, 31 December 2006                                   |
| birtha07_mu  | Number of live births in Amsterdam, 31 December 2007                                   |
| birthr06_mu  | Number of live births in Rotterdam, 31 December 2006                                   |
| birthr07_mu  | Number of live births in Rotterdam, 31 December 2007                                   |
| deatha06_mu  | Number of deaths in Amsterdam, 31 December 2006  |
| deatha07_mu  | Number of deaths in Amsterdam, 31 December 2007  |
| deathr06_mu  | Number of deaths in Rotterdam, 31 December 2006  |
| deathr07_mu  | Number of deaths in Rotterdam, 31 December 2007  |
| empla06_mu   | Number of employed people in Amsterdam, for 52 weeks in 2006                           |
| emplr06_mu   | Number of employed people in Rotterdam, for 52 weeks in 2006                           |
| avinca06_mu  | Average net income per inhabitant in Amsterdam, 2006                                   |
| avincr06_mu  | Average net income per inhabitant in Rotterdam, 2006                                   |
| welfa06_mu   | Number of welfare benefit receivers in Amsterdam, 2006                                 |
| welfa07_mu   | Number of welfare benefit receivers in Amsterdam, 2007                                 |
| welfr06_mu   | Number of welfare benefit receivers in Rotterdam, 2006                                 |
| welfr07_mu   | Number of welfare benefit receivers in Rotterdam, 2007                                 |
| unbena06_mu  | Number of unemployment benefit receivers in Amsterdam, December 2006                   |
| unbena07_mu  | Number of unemployment benefit receivers in Amsterdam, December 2007                   |
| unbenr06_mu  | Number of unemployment benefit receivers in Rotterdam, December 2006                   |
| unbenr07_mu  | Number of unemployment benefit receivers in Rotterdam, December 2007                   |

## 4. References

- BPR (2006), *The Municipal Personal Records Database*, [www.bprbzk.nl/content.jsp?objectid=4011](http://www.bprbzk.nl/content.jsp?objectid=4011), Ministerie van Binnenlandse Zaken en Koninkrijksrelaties.
- Crul, M. and L. Heering (2008), Introduction, *The Position of the Turkish and Moroccan Second Generation in Amsterdam and Rotterdam: The TIES Study in the Netherlands*, M. Crul and L. Heering, Amsterdam, IMISCOE: 19-23.
- ESS (2007), Weighting European Social Survey Data, <http://ess.nsd.uib.nl/files/WeightingESS.pdf>.
- Groenewold, G. (2008), Appendix: Sample Design, TIES survey implementation and evaluation, *The Position of the Turkish and Moroccan Second Generation in Amsterdam and Rotterdam; The TIES study in the Netherlands*, Amsterdam, IMISCOE: 169-179.
- IMES and NIDI. (2010), "History of the project: Research Methodology." Retrieved 23 September 2010, from <http://www.tiesproject.eu/content/view/20/35/lang,en/>.
- Kish, L. (1965), *Survey Sampling*, New York, John Wiley & Sons, Inc.
- Mulder, C. H. and A. Zorlu (2008), "Locatiekeuze van immigranten in de eerste vier jaar na aankomst." *Bevolkingstrends, Centraal Bureau voor de Statistiek*(3): 39-44.
- Schmeets, H. and R. v. d. Bie (2005), *Enquêteonderzoek onder allochtonen. Problemen en oplossingen*, Voorburg/Heerlen, CBS.
- Veldkamp (2007), *TIES 2007: Veldwerkverslag* (unpublished), Schothorst, Y.: Projectnummer 4436: 1-16.

# DANS



## The Integration of the European Second Generation – TIES

The TIES project studies the topic of integration, be it economic, social, educational, or in terms of identity. Since little internationally comparable statistical material has been gathered on the second generation, the main objective of the project has been to create the first systematic and rigorous European dataset of close to 10,000 respondents in fifteen European cities. This Data Guide provides information about the survey data collected in The Netherlands in 2006 and 2007. The data files as well as additional documentation files of this survey can be downloaded from the online archiving system EASY of Data Archiving and Networked Services (DANS).

DANS promotes sustained access to digital research data. For this purpose, DANS

encourages scientific researchers to archive and reuse data in a sustained manner, e.g. by means of the online archiving system EASY. DANS also provides access, through Narcis.nl, to thousands of scientific datasets, e-publications and other research information in the Netherlands. In addition, the institute provides training and advice and performs research into sustained access to digital information.

Driven by data, DANS ensures that access to digital research data keeps improving, by its services and by taking part in (international) projects and networks. Please visit [www.dans.knaw.nl](http://www.dans.knaw.nl) for more information and contact details.

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