# Toolkit to assess national migration data capacity

Developed under the UN Development Account 11th Tranche Project "Collection and use of international migration data in the context of the 2030 Agenda for Sustainable Development and the New York Declaration for Refugees and Migrants" United Nations Statistics Division, 21 May 2021

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### I. Background

The United Nations Statistical Commission at its 52nd session endorsed the revised overarching conceptual framework on international migration and mobility and accompanying definitions as the core elements of the upcoming revision of *Recommendations on Statistics of International Migration*.<sup>1</sup>

This set of questions are to be used to assess national capacity of producing reliable, timeliness and comparable statistics on international migration and to identify areas where capacity building is needed. The overall assessment is consistent with the revised conceptual framework on international migration and mobility endorsed by the UN Statistical Commission at its 52<sup>nd</sup> session (https://unstats.un.org/unsd/statcom/52nd-session/documents/2021-11-MigrationStats-E.pdf).

The questionnaire is usually administered by the National Statistics Office in collaboration with line ministries. It composes of questions about the basic statistics, data needs for the national policy as well as traditional data sources such as population census, surveys and administrative sources. Therefore, the questionnaire needs to be completed by a relevant migration (data) expert(s) in charge of migration information collection within the NSO and relevant line ministries. Depending on responsibility of each agency, some questions may not be relevant for the activity of every office (organization). In that case, discussions need to take place with the NSO in order to decide which sections or questions may be left blank. Once the questionnaire is completed it will be sent to the NSO for consolidation.

For reference, definitions are presented in Annex 3.

 $<sup>^{1} \</sup>underline{https://unstats.un.org/unsd/statcom/52nd-session/documents/2021-11-MigrationStats-E.pdf}$ 

### **II.** Information about completing the questionnaire

Please provide your information below:

|                       | Respondent 1 | Respondent 2 (if applicable) |
|-----------------------|--------------|------------------------------|
| Name                  |              |                              |
| Affiliation/office    |              |                              |
| Country               |              |                              |
| Email (preferably     |              |                              |
| official)             |              |                              |
| Telephone             |              |                              |
| Your main             |              |                              |
| responsibility in the |              |                              |
| office                |              |                              |

## III. Basic statistics on immigrant and emigrant population stocks and immigration and emigration flows

3.1.Please fill each of the cells below, to the extent possible for the resident population in the country using the latest data available, and indicate the reference year:

| Reference  | A) Total number of NATIVE-                             | B) Total number of FOREIGN-                            |
|------------|--|--|
| Year: ?    | BORN persons   | BORN persons   |
| 1641       | BOKIN persons  | BORN persons   |
|            | (A=E+F): ?   | (B=G+H): ?   |
| C) Total   | E) Number of native-born                               | G) Number of foreign-born                              |
| number     | citizens: ?  | citizens: ?  |
| of         |  |  |
| NATIO      |  |  |
| NAL        | Definition: ?  | Definition: ?  |
| CITIZ      |  |  |
| ENS        |  |  |
|            | Source: ? (Also, please provide the link if possible). | Source: ? (Also, please provide the link if possible). |
| (C=E+G):?  |  |  |
|            | I) Number of native-born                               | J) Number of foreign-born                              |
|            | foreign citizens who have                              | foreign citizens who have                              |
|            | been naturalised: ?                                    | been naturalised: ?                                    |
|            |  |  |
|            |  |  |
| D) Total   | F) Number of native-born                               | H) Number of foreign-born                              |
| number     | foreign citizens ?:                                    | foreign citizens?:                                     |
| of         |  |  |
| FOREI      |  |  |
| GN         | Definition: ?  | Definition: ?  |
| CITIZ      |  |  |
| ENS        | Source: ? (Also, please provide the link if possible). | Source: ? (Also, please provide the link if possible). |
| (D=F+H): ? | <b>I</b>   | L  |

| D.C. X7. 9              |   | $\mathbf{D}$ $\mathbf{T}$ ( $1$ $1$ $\mathbf{C}$        |
|-------------------------|---|---|
| <b>Reference Year?:</b> | A) Total number of NATIVE-                              | B) Total number of                                      |
|                         | BORN persons  | FOREIGN-BORN persons                                    |
|                         |   |   |
|                         | (A=E+F): ?  | ( <b>B=G+H</b> ): ?                                     |
| C) Total                | E) Number of native-born                                | G) Number of foreign-born                               |
| number of               | citizens): ?  | citizens: ?   |
| NATIONAL                | ,   |   |
| CITIZENS                |   |   |
| CITIZENS                |   |   |
|                         |   |   |
| (C=E+G ): ?             |   |   |
| (C-E+G)                 | Definition: ?   | Definition: ?   |
|                         | Deminuon:   |   |
|                         |   | S   |
|                         | Source : ? (Also, please provide the link if possible). | Source : ? (Also, please provide the link if possible). |
|                         | link ii possible).                                      | link ii possible).                                      |
| D) Total                | F) Number of native-born                                | H) Number of foreign-born                               |
| number of               | ,   | · · · · · ·   |
|                         | foreign citizens: ?                                     | foreign citizens: ?                                     |
| FOREIGN                 |   |   |
| CITIZENS                |   |   |
|                         |   |   |
|                         |   |   |
| (D=F+H): ?              | Definition:?  | Definition:?  |
|                         |   |   |
|                         | Source: ? (Also, please provide the link                | Source: ? (Also, please provide the link                |
|                         | if possible).   | if possible).   |
|                         |   |   |

**3.2.**Please fill the following table for the **<u>IMMIGRANTS</u>**, and indicate the reference year

| Reference Year?:                              | A) Total number of                                    | B) Total number of<br>FOREIGN-BORN persons            |
|---|---|---|
|   | NATIVE-BORN persons (A=E+F): ?                        | (B=G+H): ?  |
| C) Total<br>number of<br>NATIONAL<br>CITIZENS | E) Number of native-born citizens:?                   | G) Number of foreign-born citizens:?                  |
| (C=E+G): ?                                    | Definition:?  | Definition:?  |
|   | Source:? (Also, please provide the link if possible). | Source:? (Also, please provide the link if possible). |
| D) Total<br>number of<br>FOREIGN<br>CITIZENS  | F) Number of native-born foreign citizens:?           | H) Number of foreign-born<br>foreign citizens:?       |
| ( <b>D</b> = <b>F</b> + <b>H</b> ):?          | Definition:?  | Definition:?  |
|   | Source:? (Also, please provide the link if possible). | Source:? (Also, please provide the link if possible). |

**3.3.**Please fill the following table for the **<u>EMMIGRANTS</u>**, and indicate the reference year please

**3.4.**Please fill the following table for the **BIRTHS**, and indicate the reference year please

| Reference          | A) Total number of BIRTHS                             | B) Total number of BIRTHS TO                          |
|--------------------|---|---|
| Year?:             | TO NATIVE-BORN  | FOREIGN BORN-PARENTS                                  |
| I cal .            | PARENTS   | (B=G+H) :?  |
|                    | (A=E+F) :?  |   |
| C) Total           | E) Number of births to native-                        | G) Number of births to foreign-                       |
| number             | born and citizen parents:?                            | born and citizen parents :?                           |
| of                 | born and entizen parents.                             | born and entized parents                              |
| births             |   |   |
| to                 |   |   |
| NATIO              | Definition:?  | Definition:?  |
| NAL                |   |   |
| CITIZE             |   |   |
| N                  | Source? (Also, please provide the link                | Source:? (Also, please provide the link if            |
| parents            | if possible).   | possible).  |
| (mother            |   |   |
| s or               |   |   |
| fathers)           |   |   |
|                    |   |   |
|                    |   |   |
| (C=E+G):?          |   |   |
| D) Total           | F) Number of births to foreign                        | H) Number of births to foreign-                       |
| number             | citizen and native born                               | citizen and foreign-born                              |
| of                 | parents:?   | parents:?   |
| births             |   |   |
| to                 |   |   |
| FOREI              | Definition:?  | Definition :?   |
| GN                 |   |   |
| CITIZE<br>N        | Source:? (Also, please provide the link if possible). | Source:? (Also, please provide the link if possible). |
|                    | n possiole).  | Possiole).  |
| parents<br>(mother |   |   |
| s or               |   |   |
| fathers)           |   |   |
| rumors)            |   |   |
| (D=F+H) :?         |   |   |

| Reference Year?:   | <ul><li>A) Total number of deaths of NATIVE-BORN persons</li><li>(A=E+F):?</li></ul>  | <ul><li>B) Total number of deaths of FOREIGN-BORN persons</li><li>(B=G+H):?</li></ul>   |
|--|---|---|
| C) Total<br>number of<br>deaths of<br>NATIONAL<br>CITIZENS<br>(C=E+G ):? | <ul> <li>E) Number of deaths of native-born citizens)?:</li> <li>Definition:?</li> <li>Source:? (Also, please provide the link if possible).</li> </ul> | <ul> <li>G) Number of deaths of foreign-born citizens:?</li> <li>Definition:?</li> <li>Source:? (Also, please provide the link if possible).</li> </ul> |
| D) Total<br>number of<br>deaths of<br>FOREIGN<br>CITIZENS                | F) Number of deaths of native-born foreign citizens?:   | H) Number of deaths of<br>foreign-born foreign<br>citizens <b>?:</b>  |
| (D=F+H):?  | Definition:?<br>Source:? (Also, please provide the link if possible).   | Definition?:<br>Source? (Also, please provide the link<br>if possible).   |

3.5 Please fill the following table for the **DEATHS**, and indicate the reference year please

**3.6.** Number of citizens residing abroad (please indicate the reference year)?:

### IV. Data needs for national policy on international migration

### 4.1.Key policy questions concerning migration and data availability

| Policy questions | Relevant to (Y/N) | measure | There are data in the last five years $(Y/N)$ . Please specify the source and provide link for the source if possible. |
|------------------|-------------------|---------|--|
|------------------|-------------------|---------|--|

| А  | Total number of immigrants that enter the country                                       |  |
|----|---|--|
|    | every year  |  |
| В  | Total number of immigrants that enter the country                                       |  |
|    | every year by country of birth and citizenship  |  |
| С  | Characteristics of immigrants - age, sex and socio-                                     |  |
|    | economic characteristics when they entered the  |  |
|    | country   |  |
| D  | Main reasons for migrants to move to the country  |  |
| Г  | and become a resident in the country  |  |
| Е  | Geographic location of immigrant population   |  |
| F  | residing in the country   |  |
| Г  | Immigrant population characteristics (e.g., age, sex, etc.) residing in the country     |  |
| G  | Are public services in the country (schools,  |  |
| U  | hospitals, etc) prepared, in terms of coverage and                                      |  |
|    | quality, to accommodate the needs of migrants?  |  |
| Н  | How well are migrants integrated into the society in                                    |  |
| 11 | terms of education, labour force participation, civil                                   |  |
|    | participation, living standard (poverty-level)?   |  |
| Ι  | Are native-born children of migrants (second-   |  |
|    | generation migrants) doing as well as those born to                                     |  |
|    | non-migrants, in terms of social and economic   |  |
|    | characteristics?  |  |
| J  | Systematic study on migrants' contribution to   |  |
|    | national and local economy and society  |  |
| Κ  | Number of residents that changed their status from                                      |  |
|    | foreign citizen to citizen, by country of birth   |  |
| L  | Total number of emigrants that leave the country  |  |
|    | every year by country of birth and citizenship  |  |
| Μ  | Characteristics of emigrants - age, sex and socio-                                      |  |
|    | economic characteristics when they left the country                                     |  |
| Ν  | How many and in which country do citizens live  |  |
|    | outside the country (stock of emigrants or emigrant                                     |  |
| 0  | population)   |  |
| 0  | Emigrant population characteristics (e.g., age, sex, etc.) residing outside the country |  |
| Р  | Main reasons for citizens leaving the country and                                       |  |
| 1  | becoming a resident in another country  |  |
| Q  | How many national citizens return each year to the                                      |  |
| ×  | country to reside? (returned migrants)  |  |
| R  | Main reasons for national citizens to return to the                                     |  |
|    | country   |  |
| S  | Basic characteristics, such as age, sex, education,                                     |  |
|    | employment status, of returned migrants at their  |  |
|    | return  |  |
| Т  | Characteristics of returned citizens, in terms of                                       |  |
|    | education, labour force participation, civil  |  |
|    | participation, living standard (poverty-level)  |  |
| U  | Number of persons who were in the country on a  |  |
|    | particular date who were not considered residents by                                    |  |
|    | duration of stay in the country   |  |
| V  | Number of persons who commute to the country for  |  |
|    | work but live (reside) in another country by duration                                   |  |
|    | of stay   |  |
| W  | Number of asylum seekers arriving   |  |
| Х  | Number of asylum seekers departing  |  |

| Y  | Number of foreign-born who visit the country for     |  |
|----|--|--|
| 1  | training or education but do not stay long enough to |  |
|    |  |  |
|    | meet the requirements to become resident by          |  |
|    | duration of stay                                     |  |
| Ζ  | Number of foreign citizens who visit the country for |  |
|    | training or education but do not stay long enough to |  |
|    | meet the requirements to become resident by          |  |
|    | duration of stay                                     |  |
| AA | Number of seasonal or short-term contract workers    |  |
|    | who are foreign-born or foreign citizens by          |  |
|    | duration of stay                                     |  |
| AB | Number of citizens who move to other countries       |  |
|    | for the purpose of work without changing their       |  |
|    | country of residents by duration of stay             |  |
| AC | Number of forcibly displaced people (asylum          |  |
|    | seekers + refugees + those fleeing environmental     |  |
|    | catastrophes) in a year                              |  |
| AD | Other, please specify:                               |  |

4.2.Is there an assessment on data needs to address the above policy questions?

| А      | Yes, our office is responsible to conduct such assessment                                    |  |  |
|--------|--|--|--|
| В      | Yes, our office works with other relevant stakeholders for the assessment                    |  |  |
|        | PLEASE write the names of relevant stake holders: ?  |  |  |
| С      | No, but there is a plan to conduct such assessment   |  |  |
| D      | No plan exists to carry out the assessment   |  |  |
|        |  |  |  |
| Notes: | Notes: If such data requirements are documented, please provide the document (or link to it) |  |  |
| Comm   | Comments:  |  |  |

4.3.Is there an assessment at the national level on the gap of existing migration data and data needs for policy making in the last 5 years?

| А     | Yes, when was the last time the assessment was carried out:<br>PLEASE provide copy and/or the link for such assessment, if possible. |  |  |
|-------|--|--|--|
| В     | No, no plan is made to carry out the assessment  |  |  |
| С     | No, but there is a plan to conduct such assessment in years  |  |  |
|       | - Agency(ies) that will carry out the assessment:  |  |  |
| Comme | Comments:  |  |  |

- 4.4.What do you consider the most important gaps on migration statistics are in the country for policy making?
- 4.5. Is your office responsible for coordinating data collection and compilation to assess the implementation of SDGs at national level?

| А         | Yes                                 |  |
|-----------|-------------------------------------|--|
| В         | No, which office(s) is responsible? |  |
| Comments: |                                     |  |

4.6.Has your office ever assessed the needs for migration data, in terms of monitoring the progress of the SDGs?

| А         | Yes |  |
|-----------|-----|--|
| В         | No  |  |
| Comments: |     |  |

4.7.Is your office responsible for coordination data collection and compilation for the follow-up of the Global Compact for Safe, Orderly and Regular Migration (GCM)?

| А         | Yes |  |  |  |
|-----------|-----|--|--|--|
| В         | No  |  |  |  |
| Comments: |     |  |  |  |

4.8.Has your office ever assessed the data needs for the follow-up of the Global Compact for Safe, Orderly and Regular Migration (GCM)?

| А     | Yes   |
|-------|-------|
| В     | No    |
| Comme | ents: |

4.9.Is your office responsible for coordination of data collection and compilation for the followup of the Global Compact on Refugees (GCR)?

| А         | Yes |  |
|-----------|-----|--|
| В         | No  |  |
| Comments: |     |  |

4.10. Has your office ever assessed the data needs for the follow-up of the Global Compact on Refugees (GCR)?

| А | Yes |
|---|-----|
| В | No  |

### V. National strategy on migration data

5.1. Is there a national statistical plan for the generation of migration data in your country, that is, an instrument delineating responsibilities of different data producers in the country?

| А         | Yes |  |  |
|-----------|-----|--|--|
| В         | No  |  |  |
| Comments: |     |  |  |

5.2. Which agency is responsible for producing such strategy?

### 5.3. Is such delineation stipulated legally?

| А   | Yes |  |
|---|-----|--|
| В   | No  |  |
| Notes: If yes, please provide the legal document that describe the national migration data strategy |     |  |
| Comments:   |     |  |

5.4. Apart from government offices, are there any efforts to collect migration statistics by private sectors or NGOs in your country?

| А  | Yes |  |  |
|--|-----|--|--|
| В  | No  |  |  |
| Notes: If yes, please describe briefly the statistics being collected by private sectors or NGOs in your country |     |  |  |
| Comments:  |     |  |  |

5.5. Is there data sharing agreement among multiple data producers in your country for statistical purposes?

| А         | Yes, data sharing agreement is required by statistical legislation      |  |  |  |
|-----------|---|--|--|--|
| В         | By legislation there are data sharing agreement but data are not shared |  |  |  |
| С         | No  |  |  |  |
| Comments: |   |  |  |  |

5.6. Does the National Statistical Law stipulate that the national statistical office has the right to access individual records collected through administrative sources?

| А         | Yes, the Law requires that administrative data records should be shared with national statistical office |  |  |  |  |
|-----------|--|--|--|--|--|
| В         | By legislation data should be shared with national statistical office but data are not shared            |  |  |  |  |
| С         | No   |  |  |  |  |
| Comments: |  |  |  |  |  |

### VI. Traditional data sources

6.1. What are the traditional data sources for migration statistics in your country?

|           |                               | Source for immigrant<br>population stocks<br>(Y/N) | Source for emigrant<br>population stocks<br>(Y/N) | Source for<br>immigration<br>flows (Y/N) | Source for<br>emigration<br>flows (Y/N) |
|-----------|-------------------------------|--|---|--|---|
| А         | Population censuses           |  |   |  |   |
| В         | Household-based surveys       |  |   |  |   |
| С         | Non-household based surveys   |  |   |  |   |
|           | (border surveys or surveys of |  |   |  |   |
|           | camps etc)                    |  |   |  |   |
| D         | Administrative sources        |  |   |  |   |
|           | (please specify)              |  |   |  |   |
| Comments: |                               |  |   |  |   |

### **Population censuses**

6.2. What is the definition of usual residence in your most recent population census?

6.3. Which of the following population groups were included in the usual resident population count?

| Spe | ecial population groups  | Included in usual resident<br>population count?<br>(indicate yes or no) |
|-----|--|---|
| a)  | Persons found at the moment of enumeration that cannot identify their place of usual residence, such as those that move often  |   |
| b)  | National military, naval and diplomatic personnel and their families located outside the country   |   |
| c)  | Foreign military, naval and diplomatic personnel and their families located in the country   |   |
| d)  | Foreign persons working for international organizations  |   |
| e)  | Merchant seamen and fishermen usually resident in the country but at sea at the time of the census   |   |
| f)  | Persons who cross a frontier daily or weekly to work or study in another country   |   |
| g)  | Children born in the 12 months before the census reference time and whose families are usually resident in the country at the census reference time  |   |
| h)  | Persons of minor age studying abroad for one year or more to attain primary or<br>secondary level of education, regardless of the frequency of return to the family home<br>located within the country |   |
| i)  | Third level students who are absent from the country for one year or more  |   |
| j)  | Persons who regularly live in more than one country during a year, if they are present<br>in the country at the moment of the data collection  |   |
| k)  | Persons who regularly live in more than one country during a year, if they are not present in the country at the moment of the data collection   |   |
| 1)  | Asylum seekers   |   |

| m) | Refugees              |  |
|----|-----------------------|--|
| n) | Undocumented migrants |  |

6.4.If your most recent census was conducted using the traditional method (full field enumeration), what topics on international migration were collected?

| А         | Country of birth   |  |
|-----------|--|--|
| В         | Country of citizenship   |  |
| С         | Duration of stay in the country, for all foreign-born persons                |  |
| D         | Duration of stay in the country, for all persons who have ever-esided abroad |  |
| E         | Year or date of arrival to the country, for all foreign-born persons         |  |
| F         | Country of birth of parents  |  |
| G         | Whether a person has ever-resided abroad                                     |  |
| Н         | Reason for migration (for immigrants or for returned citizens)               |  |
| Ι         | Emigration of household members  |  |
| J         | Place of residence 1 year ago  |  |
| Κ         | Place of residence 5 years ago   |  |
| L         | Acquisition of citizenship   |  |
| Μ         | Other, please specify  |  |
| Comments: |  |  |

### 6.5. What information on migration collected through your most recent population census was published?

| А         | Number of foreign-born population in the country                                    |  |
|-----------|---|--|
| В         | Number of foreign citizens in the country   |  |
| С         | Duration of stay in the country for foreign-born people                             |  |
| D         | Duration of stay in the country for foreign citizens                                |  |
| E         | Second-generation migrants (native-born persons whose parents are both born abroad) |  |
| F         | Returned citizens   |  |
| G         | Citizens living abroad  |  |
| Η         | Number of foreign-born population that have acquired the citizenship of the country |  |
| Ι         | Number of undocumented migrants   |  |
| J         | Other, please specify:  |  |
| Comments: |   |  |
| 1         |   |  |

6.6. Have the coverage and quality of data been evaluated for each type of data? Which evaluation method was used? (Coverage of data can be described through listing population sub-groups included and/or excluded in the data such as undocumented migrants, population living in camps and institutions. Quality of data usually refers to the over- or under-reporting of data.)

|   | Type of data                              | Evaluation method (for example, comparison with other data<br>sources in the country or from other countries, demographic<br>method. Please list all that applies) |
|---|---|--|
| А | Number of foreign-born population in the  |  |
|   | country                                   |  |
| В | Number of foreign citizens in the country |  |

| С   | Second-generation migrants (native-born |  |  |
|---|---|--|--|
|   | persons whose parents are both born     |  |  |
|   | abroad)                                 |  |  |
| D   | Returned citizens                       |  |  |
| E   | Citizens living abroad                  |  |  |
| F   | Number of foreign-born population that  |  |  |
|   | have acquired the citizenship of the    |  |  |
|   | country                                 |  |  |
| G   | Number of undocumented migrants         |  |  |
| Н   | Other, please specify:                  |  |  |
| Notes: Please provide any study or paper that documented the evaluation |   |  |  |
| Comm  | Comments:                               |  |  |
|   |   |  |  |

#### 6.7.Is there a census thematic report on international migration?

| А    | Yes, please provide a link (or a hard copy) |  |  |  |
|------|---|--|--|--|
| В    | No  |  |  |  |
| Comm | Comments:                                   |  |  |  |

#### Surveys

6.8. Has your country conducted a specialized migration survey in the last 10 years? (Specialised survey on international migration focuses on international migration. It is more flexible compared to other-purpose household surveys as it can be designed to fit its objective and to target the right population. Many specialized migration surveys study not only the flows of migrants but more importantly the reasons and consequences of migration).

| А         | Yes              |  |  |
|-----------|------------------|--|--|
| В         | No, skip to 6.12 |  |  |
| Comments: |                  |  |  |

6.9.If there has been a specialized migration survey in the last 10 years, what is the main objective of the survey?

6.10. What was the frame from which the sample was selected? Please provide some information about the content of the frame, and how the frame is being updated?

6.11. What are the sampling unit and the sample size of the survey?

- 6.12. Did you use any special sampling strategy to have better coverage of migrants? Are population living in institutions and camps covered by the survey? Please describe.
- 6.13. Please provide definition of migrant used in the survey.
- 6.14. Is migration information collected in regular household surveys such as labour force survey, income and expenditure survey, living standard survey or a general-purpose household survey?

| А         | Yes, which survey(s)?  |  |  |
|-----------|------------------------|--|--|
| В         | No, please explain why |  |  |
| Comments: |                        |  |  |

6.15. If migration information is collected through regular household surveys, which of the following information on migrants is identified?

| А    | Country and place of birth   |  |  |
|------|--|--|--|
| В    | Country of citizenship   |  |  |
| С    | Duration of stay in the country, for all foreign-born persons            |  |  |
| D    | Duration of stay in the country, for all persons who have resided abroad |  |  |
| Е    | Year or date of arrival to the country, for all foreign-born persons     |  |  |
| F    | Country of birth of parents  |  |  |
| G    | Whether a person has ever-resided abroad                                 |  |  |
| Н    | Reason for migration (for immigrants or for returned citizens)           |  |  |
| Ι    | Emigration of household members  |  |  |
| J    | Place of residence 1 year ago  |  |  |
| Κ    | Place of residence 5 years ago   |  |  |
| L    | Other, please specify  |  |  |
| Comm | Comments:  |  |  |
|      |  |  |  |

6.16. Are the basic questions related to international migration consistent across census and surveys?

|      | Question on                               | Is the question formulated consistently across $constructed = \frac{1}{2} \left( \frac{1}{2} \left( \frac{1}{2} \right)^2 \right)^2$ |
|------|---|--|
|      |   | censuses and surveys? (Y/N)  |
| А    | Country of birth                          |  |
| В    | Country of citizenship                    |  |
| С    | Duration of stay in the country           |  |
| D    | Country of births of parents              |  |
| Е    | Place of previous residence               |  |
| F    | Duration of stay in the current residence |  |
| Comr | nents:                                    |  |
|      |   |  |
|      |   |  |

#### Administrative sources

6.17. Please list types of administrative sources that are used BY YOUR AGENCY to produce migration statistics. Then please fill the table contained in Annex 1 on the type of data collected, coverage and dissemination.

|     | Administrative source       | Y=Yes,   | If YES, which one of the following information is collected in the |                                |             |             |                    |
|-----|-----------------------------|----------|--|--------------------------------|-------------|-------------|--------------------|
|     |                             | used /   | data source that is used to produce migration statistics by YOUR   |                                |             |             |                    |
|     |                             | N= No,   |  | AGENCY? (Please mark with "X") |             |             |                    |
|     |                             | not used | v  | of                             | v           | Nationality | Country of         |
|     |                             |          | Birth  |                                | Citizenship |             | Previous Residence |
| Α   | Border                      |          |  |                                |             |             |                    |
|     | control/immigration office  |          |  |                                |             |             |                    |
| В   | Population registers        |          |  |                                |             |             |                    |
| С   | Registers of foreign        |          |  |                                |             |             |                    |
|     | citizens                    |          |  |                                |             |             |                    |
| D   | Registers of asylum seekers |          |  |                                |             |             |                    |
|     | and refugees                |          |  |                                |             |             |                    |
| E   | Register of citizens        |          |  |                                |             |             |                    |
|     | working and residing        |          |  |                                |             |             |                    |
|     | abroad                      |          |  |                                |             |             |                    |
| F   | Resident permit             |          |  |                                |             |             |                    |
| G   | Exit permit                 |          |  |                                |             |             |                    |
| Н   | Work permit                 |          |  |                                |             |             |                    |
| Ι   | Visa issuance               |          |  |                                |             |             |                    |
| J   | Tax and/or social security  |          |  |                                |             |             |                    |
|     | records                     |          |  |                                |             |             |                    |
| Κ   | Health/medical records      |          |  |                                |             |             |                    |
| L   | Education/school records    |          |  |                                |             |             |                    |
| Μ   | Other, specify              |          |  |                                |             |             |                    |
| Con | Comments:                   |          |  |                                |             |             |                    |
|     |                             |          |  |                                |             |             |                    |
|     |                             |          |  |                                |             |             |                    |

### 6.18. Is the information collected through the administrative source(s) in digital form?

| А         | Yes, they are stored in a database            |
|-----------|---|
| В         | Yes, but they are not organized in a database |
| С         | No  |
| Comments: |   |

### 6.19. Does your office have data-sharing agreement with other government institution(s) for international migration-related statistics?

| А         | Yes (please list the agencies that you have data-sharing agreement with) |
|-----------|--|
| В         | No   |
| Comments: |  |

### 6.20. Are data from the administrative source(s) under your agency integrated with administrative source(s) (database) under other government institution(s)?

| А         | Yes, at microdata level (the integration of data based on linkage/matching of individual level records) |  |
|-----------|---|--|
| В         | Yes, at aggregated (or macro) data level (the comparison/statistical modelling based on data which are  |  |
|           | aggregates (statistics) of individual level records)  |  |
| С         | No  |  |
| Comments: |   |  |

### 6.21. If answered yes to the above question, please list the data sources from other institution(s) that are integrated with your agency's data and level of integration.

|           |  | Yes, our data source is integrated<br>with the following source(s) from<br>other institution(s). (Please write<br>the name of data source from other<br>agency) | Yes, integrated at individual level | Yes, integrated at macro level |
|-----------|--|---|-------------------------------------|--------------------------------|
| А         | Border control                                   |   |                                     |                                |
| В         | Population registers                             |   |                                     |                                |
| С         | Registers of foreigners                          |   |                                     |                                |
| D         | Registers of asylum seekers and refugees         |   |                                     |                                |
| Е         | Register of citizens working and residing abroad |   |                                     |                                |
| F         | Resident permit                                  |   |                                     |                                |
| G         | Exit permit                                      |   |                                     |                                |
| Η         | Work permit                                      |   |                                     |                                |
| Ι         | Tax and/or social security records               |   |                                     |                                |
| J         | Health/medical records                           |   |                                     |                                |
| Κ         | Education/school records                         |   |                                     |                                |
| L         | Other, please specify                            |   |                                     |                                |
| Comments: |  |   |                                     |                                |

6.22. If there are integrated data sources for migration statistics at the microdata (individual) level, is a unique ID number used?

| А         | Yes   |
|-----------|---|
| В         | No. What identifier(s) is(are) used to integrate multiple data sources? |
| Comments: |   |

6.23. Please provide the name of category of international migration in which YOUR data source is used to define, and the explain how they are used in defining certain category of international migration.

|           |  | Name of relevant migration category (Please see the list below) $^{2}$ | Please explain how YOUR DATA<br>was used to define the relevant<br>migration category. |
|-----------|--|--|--|
| А         | Border control                           |  |  |
| В         | Population registers                     |  |  |
| С         | Registers of foreigners                  |  |  |
| D         | Registers of asylum seekers and refugees |  |  |
| Е         | Register of workers abroad               |  |  |
| F         | Resident permit                          |  |  |
| G         | Exit permit                              |  |  |
| Η         | Work permit                              |  |  |
| Ι         | Tax and/or social security records       |  |  |
| J         | Health/medical records                   |  |  |
| Κ         | Education/school records                 |  |  |
| L         | Other, please specify                    |  |  |
| Comments: |  |  |  |

### 6.24. How are the administrative data disseminated and used for policymaking and public knowledge?

| А         | Anonymized individual records are available to users, with proper protocols to protect privacy and |  |
|-----------|--|--|
|           | confidentiality of personal data   |  |
| В         | Aggregated data are available to users, special tabulation can be requested                        |  |
| С         | Aggregated data are published and disseminated   |  |
| D         | Data are for internal use only, not available for the public                                       |  |
| Comments: |  |  |
|           |  |  |

<sup>&</sup>lt;sup>2</sup> 1. International migrant, 2. Immigrant population (stock), 3. Emigrant population (stock), 4. Returned migrants (stock), 5. Immigration (flow), 6. Emigration (flow), 7. Cross border workers, 8. Seasonal workers, 9. OTHER (Please specify)

### VII. New data management

7.1. Is there any non-traditional data source used in your country to compile data related to international migration? Big data relevant to international migration could include, for example, mobile phone data, satellite images, online payments, commercial data, hot lines, social media or other types of digital sensors.

| А         | Yes, please specify source(s)  |
|-----------|--|
| В         | No, but we are exploring the possibility of using big data for measuring international migration |
| С         | No, we are not considering big data at this moment   |
| Comments: |  |

7.2.Is there any discussion and/or agreement between different offices about setting standards on concepts and classifications so big data can be used for policy making on migration?

| А         | Yes |
|-----------|-----|
| В         | No  |
| Comments: |     |

7.3. Is there a data sharing agreement between the producer/owner of big data and national statistical offices?

| А         | Yes, please explain the agreement in the comment box |
|-----------|--|
| В         | No   |
| Comments: |  |

### VIII. Data dissemination and communication – from data to policy

8.1.In what form(s) are migration data disseminated to the public? Select all that applies.

| А         | Anonymized microdata                      |
|-----------|---|
| В         | Aggregated data tables                    |
| С         | Key messages and data stories             |
| D         | Interactive database (electronic outputs) |
| Е         | Special tabulations generated for users   |
| F         | Others, please specify.                   |
| Comments: |   |

### 8.2. Who are the targeted audience of your data? (select all that apply)

| А | General public           |
|---|--------------------------|
| В | Other government offices |
| С | Researchers              |

| D     | Others, please specify. |  |
|-------|-------------------------|--|
| Comme | ents:                   |  |

8.3.Do you consider your communication strategy effective with policymakers?

| А         | Highly effective |  |
|-----------|------------------|--|
| В         | Effective        |  |
| С         | Inconsistent     |  |
| D         | Unsatisfactory   |  |
| Comments: |                  |  |
|           |                  |  |

- 8.4.If answer to the above question is A or B, please list a number of strategies that you feel that are particularly effective in communicating statistics with policymakers?
- 8.5. How did you monitor the efficiency of your data dissemination and communication strategies, select all that apply.

| А         | Through a special survey among data users, please provide more information  |
|-----------|---|
| В         | Through google analytics or other web-monitoring tools to monitor web usage |
| С         | Not monitored   |
| Comments: |   |

8.6.Can you provide an example on how migration data informed policy making (or how your data have been used by policymakers or by other ministries/government offices)?

#### Open data

8.7. Is there open data initiative in the country to share and disseminate data and metadata generated by national statistical offices and other relevant agencies?

| А         | Yes -provide a link |
|-----------|---------------------|
| В         | No                  |
| Comments: |                     |

8.8. How easily can existing international migration statistics be obtained from public sources?

| А         | Microdata are available on a centralized government website on data                          |
|-----------|--|
| В         | Microdata are available on different government websites and users would need to locate them |
| С         | Aggregated tables are available from a centralized government website on data                |
| D         | Data are not easily available to users   |
| Comments: |  |
|           |  |

8.9. Are government-generated data available free of charge?

| А         | Yes |
|-----------|-----|
| В         | No  |
| Comments: |     |

8.10. What are the strategies adopted to ensure that the confidentiality of such data is protected? Select all that apply.

| А         | All microdata are anonymized before releasing to the public  |
|-----------|--|
| В         | All microdata have undergone one or more statistical disclosure limitation protection strategies such as |
|           | recoding, data swapping, adding noises and the partial synthesis method <sup>3</sup>                     |
| С         | Microdata are not released to the public   |
| Comments: |  |
|           |  |

### IX. Interagency coordination mechanism on international migration statistics

9.1. Is there any official body that coordinates statistical activities undertaken by various government agencies or offices for statistics on international migration?

| А     | Yes, explain in the comment box members of the body and duties of each |  |
|-------|--|--|
| В     | No, move to the next section   |  |
| Comme | Comments:  |  |

9.2. If yes to the above question, which agencies are part of the coordinating body?

| А    | Ministry of Foreign affairs |  |
|------|-----------------------------|--|
| В    | Ministry of Interior        |  |
| С    | Ministry of Labour          |  |
| D    | Ministry of Education       |  |
| Е    | National Statistical Office |  |
| F    | Ministry of Finance         |  |
| G    | The Central Bank            |  |
| Н    | Other, please specify.      |  |
| Comm | Comments:                   |  |
|      |                             |  |

9.3. How often do they meet to discuss issues?

| А         | Once a month                        |
|-----------|-------------------------------------|
| В         | Once every 3 months                 |
| С         | Once every 6 months                 |
| D         | Once a year                         |
| Е         | Only ad-hoc meetings are being held |
| Comments: |                                     |

<sup>&</sup>lt;sup>3</sup> Details on these microdata protection strategies can be found in the Eurostat Handbook on Statistical Disclosure Control (https://ec.europa.eu/eurostat/cros/system/files/CENEX-SDC\_handbook.pdf)

| А         | Assess data needs and gaps for national migration policy  |
|-----------|---|
| В         | Facilitate integration of migration into other data areas   |
| С         | Enhance data flows within the national statistical system including establishing the necessary legal  |
|           | framework for data sharing  |
| D         | Improve synergy on concepts, definitions and data collection and dissemination methods                |
| Е         | Coordinate methodological development on producing timely, reliable and policy-relevant statistics on |
|           | international migration   |
| Comments: |   |

### 9.4. What are the issues being discussed by the coordination body?

9.5.Do you think the coordination body could be further enhanced?

| А         | Yes, please explain briefly why? |
|-----------|----------------------------------|
| В         | No                               |
| Comments: |                                  |

9.6. Is there an integrated database of migration statistics created under the auspices of this coordination body?

| А         | Yes |
|-----------|-----|
| В         | No  |
| Comments: |     |

9.7. What is the role of the national statistical office in this coordination body?

### X. Data exchange with other countries

10.1. Has your office ever contacted statistical offices in other countries to obtain migration statistics?

| А     | Yes, which countries? |
|-------|-----------------------|
| В     | No                    |
| Comme | ents:                 |

10.2. If yes to the above question, specify the type of migration data that your office has obtained:

| А    | Citizens living abroad at a specific time  |  |
|------|--|--|
| В    | Native born persons living abroad at a specific time                                 |  |
| С    | Annual migration flow data (by citizenship, by previous / next country of residence) |  |
| D    | Persons that are in transit  |  |
| E    | Persons deported to the country  |  |
| F    | Other, please specify  |  |
| Comm | omments:   |  |
|      |  |  |

### 10.3. Does your office provide migration data to a government agency in another country?

| А         | Yes |
|-----------|-----|
| В         | No  |
| Comments: |     |

### 10.4. What type of migration data does your office provide?

| C Annual   | -born persons living in the country at a specific time<br>migration flow data            |  |
|------------|--|--|
|            | 0  |  |
| D Persons  |  |  |
|            | Persons that are in transit  |  |
| E Persons  | Persons deported from the country in the previous year                                   |  |
| F Residen  | Residents that changed their status from foreign citizen to citizen, by country of birth |  |
| G Other, p | Other, please specify  |  |
| Comments:  |  |  |

### 10.5. Does your office provide migration data to data platforms of international organisations?

| А         | A Yes. Specify platform and organization: |  |
|-----------|---|--|
| В         | B No                                      |  |
| Comments: |   |  |

### XI. Migration and COVID-19.

- 11.1 Is there any information in the official data sources in your country on how and to what extent has COVID-19 affected international migrant populations?
- a) New registers in the health system that collect information on COVID-19 and migrants

| А        | Yes |
|----------|-----|
| В        | No  |
| Specify: |     |

b) Questions in household surveys on labor force, income or health

| А        | Yes |
|----------|-----|
| В        | No  |
| Specify: |     |

c) Registers in other administrative sources, such as health registers, crime registers, etc.

| А        | Yes |
|----------|-----|
| В        | No  |
| Specify: |     |

d) Specific studies and reports on international migrants and health, carried out by governmental agencies, academia, or civil society

| А        | Yes |
|----------|-----|
| В        | No  |
| Specify: |     |

11.2 What is the remittances amount (million USD) in your country?

| During the year 2019 (January-December):  |
|---|
| During the year 2020 (January-December):  |
| During the year 2021 (January-currently): |

- 11.3 Is there information to report on the following indicators? Please comment in each case periodicity and geographic disaggregation level.
- a) Percentage change in unemployment rate of immigrant population and overall national population

| А | Yes | Reporting institution/agency: |
|---|-----|-------------------------------|
|   |     | Geographical disaggregation:  |
|   |     | Periodicity:                  |

| В | No |  |
|---|----|--|

#### b) Number of homeless immigrants

|   |     | Reporting institution/agency: |
|---|-----|-------------------------------|
| А | Yes | Geographical disaggregation:  |
|   |     | Periodicity:                  |
| В | No  |                               |

c) Number of immigrants infected by COVID 19 compared to the overall population

|   |     | Reporting institution/agency: |
|---|-----|-------------------------------|
| А | Yes | Geographical disaggregation:  |
|   |     | Periodicity:                  |
| В | No  |                               |

d) Number of immigrants seeking to return to their country of origin

|   |     | Reporting institution/agency: |
|---|-----|-------------------------------|
| А | Yes | Geographical disaggregation:  |
|   |     | Periodicity:                  |
| В | No  |                               |

#### e) Number of deceased immigrants due to COVID19

|   |     | Reporting institution/agency: |
|---|-----|-------------------------------|
| А | Yes | Geographical disaggregation:  |
|   |     | Periodicity:                  |
| В | No  |                               |

### XII. Use of geospatial information and tools for international migration data

12.1. In there information on location (georeference or address) of the public infrastructure for protection and/or services for migrants (safe houses, crossing points, administrative offices, etc.)?

| Coordinates | Yes/No |
|-------------|--------|
| Address     | Yes/No |
| Comment:    |        |

12.2. Does your office have access to a national or regional geostatistical cartography in which it is possible to link or integrate data or statistical indicators on international migration based on location?

| National geostatistical framework | Yes/No |
|-----------------------------------|--------|
| Regional geostatistical framework | Yes/No |
| Other, please specify             |        |
| Comment:                          |        |
|                                   |        |

12.3. Is there a geographic information system for visualization and dissemination of data<sup>4</sup> (geoportal or geoviewer) in order to consult data or statistical indicators on international migration?

| А    | Yes      |  |  |  |  |
|------|----------|--|--|--|--|
| В    | No       |  |  |  |  |
| Spec | Specify: |  |  |  |  |

<sup>&</sup>lt;sup>4</sup> This is a system of hardware, software and procedures designed to support the capture, management, manipulation, analysis, modelling and display of spatially referenced data (Principles and Recommendations for Population and Housing Censuses, Rev.3, paragraph 3.83, https://unstats.un.org/unsd/demographic-social/Standards-and-Methods/files/Principles\_and\_Recommendations/Population-and-Housing-Censuses/Series\_M67rev3-E.pdf).

|   | Data source                                    | Data type<br>collected<br>5 | Data<br>availabl<br>e in<br>digital<br>form<br>(Y/N) | Data<br>shared<br>anonymise<br>d (Y/N) | Type of<br>disseminate<br>d data | Are<br>microdata<br>or<br>aggregate<br>d data<br>published<br>? | Frequenc<br>y of<br>public<br>release | Coverage (sub-<br>population groups<br>included/excluded)<br>, rules for<br>registration/de-<br>registration | Qualit<br>y of<br>the<br>data | Method<br>used for<br>evaluatin<br>g quality | NSO<br>has<br>acces<br>s to<br>micro<br>data<br>(Y/N) | Name of<br>agency<br>collectin<br>g data |
|---|--|-----------------------------|--|--|----------------------------------|---|---------------------------------------|--|-------------------------------|--|---|--|
| A | Border<br>control/immigratio<br>n office       |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| В | Population<br>registers                        |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| С | Registers of foreign citizens                  |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| D | Registers of<br>asylum seekers and<br>refugees |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| E | Register of workers abroad                     |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| F | Resident permit                                |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| G | Exit permit                                    |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| Η | Work permit                                    |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| Ι | Visa issuance                                  |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| J | Tax and/or social security records             |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| К | Health/medical records                         |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| L | Education/school records                       |                             |  |  |                                  |   |                                       |  |                               |  |   |  |
| Μ | Other, specify                                 |                             |  |  |                                  |   |                                       |  |                               |  |   |  |

Annex 1. Use or potential use of administrative sources for international migration statistics.

<sup>&</sup>lt;sup>5</sup> Please specify as needed if the following is included: 1. Biographical information (Name of the person, address or place of usual residence, sex, marital status, date of birth, age, country of birth); 2. Socioeconomic information (employment or occupation, educational level); 3. Identity information and migratory status (ID type and number, citizenship, nationality, work permits); 4. Information on the movement (entry – exit, origin-destination, reason for travel, transport mode, border control point).

### Annex 2. Border control or immigration office register.

Please specify whether the National Statistics Office (NSO) has access to the border control register, and whether it includes the following topics on the person who crosses the border:

| I |                                   | Topic<br>included in<br>the register<br>(Y/N) | Aggregated<br>data<br>accessible to<br>NSO (Y/N) | Micro data<br>accessible to<br>NSO (Y/N) |
|---|-----------------------------------|---|--|--|
| А | Whether movement is entry or exit |   |  |  |
| В | Date of movement (exit/entry)     |   |  |  |
| С | Sex                               |   |  |  |
| D | Date of birth                     |   |  |  |
| E | Country of birth                  |   |  |  |
| F | Given name(s) and Surname(s)      |   |  |  |
| G | Citizenship                       |   |  |  |
| Н | Country of residence              |   |  |  |
| I | Type of identification            |   |  |  |
| J | Number of identification          |   |  |  |
| К | Origin / Destination              |   |  |  |
| L | Reason of travel                  |   |  |  |
| М | Occupation                        |   |  |  |
| N | Transport mode of travel          |   |  |  |
| 0 | Border control point              |   |  |  |
| Р | Other (Please specify)            |   |  |  |

Annex 3. Definitions accompanying the revised conceptual framework on international migration and mobility (A Glossary of Terms)

Please see https://unstats.un.org/unsd/statcom/52nd-session/documents/2021-11-MigrationStats-E.pdf