



UNITED NATIONS - NATIONS UNIES
ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC

STATISTICAL INSTITUTE FOR ASIA AND THE PACIFIC (SIAP)
JETRO IDE Bldg., 2-2 Wakaba 3-chome, Mihama-ku, Chiba-shi, Chiba 261-8787, Japan

Regional Training on Producing Register-based Population Statistics in Developing Countries

e-Learning Module (Online): 23– 27 September 2013

Face-to-Face Module: 27-31 October 2013, Tehran, Islamic Republic of Iran

INFORMATION BULLETIN

I. INTRODUCTION

National statistical units of the governments are often under pressure to cut their expenditures. Nonetheless, emerging and multidimensional development issues have increased demand for statistics in more disaggregated levels and more frequent basis. Doing more with less resources will only be possible with shifting production paradigm from traditional methods of data collection to efficient use of already available data records that can be used for statistical purposes. For several decades, use of administrative data for statistical purposes has remained a choice under investigation in many developing statistical systems, while several advanced systems have succeeded to conduct/design a register-based population and housing census in 2011 after producing register based statistics for many years.

UNFPA Asia and the Pacific Regional Office (UNFPA-APRO) and the Statistical Institute for Asia and the Pacific (SIAP), a regional institution of the United Nations Economic and Social Commission for Asia and the Pacific, believe that there is a continuing need for improving capacity of producers of statistics to fulfil their mandates in attaining the objective of producing population statistics including from censuses and administrative data.

Given a rich source of experience from other regions and increasing need and interest in the Asia-Pacific region for enhancing quality of official statistics by using ever-increasing administrative data, this is an opportune time to enhance capacity of NSOs in taking systematic and integrated approaches in using administrative sources for producing population statistics.

The current training will focus on the production of register-based statistics through which a register-based population and housing census will become possible. The training is being organized by SIAP and UNFPA, in collaboration with Statistical Centre of Iran (SCI), Government of Islamic Republic of Iran.

II. TRAINING OBJECTIVES

Central Tel: (81 43) 299 9782 • Central Fax: (81 43) 299 9780 • Cable: ASTAINST TOKYO
Director's Office Tel: (81 43) 299-9796 • Fax: (81 43) 299-2521 • Email: staff@unsiap.or.jp
• Website: www.unsiap.or.jp • UNESCAP Website: www.unescap.org

The main objective of the training is to improve practical knowledge and skills of official statisticians in producing register-based population statistics. Specifically, the training aims to:

- increase understanding of the use of administrative sources for improving availability and quality of population statistics;
- improve practical knowledge in the basic requirements for structuring a system to produce register-based population statistics; and
- increase skills in using statistical methods for producing population statistics from administrative sources.

III. LEARNING OUTCOMES

As a result of the training, participants will be able to:

- a) Demonstrate understanding of the use of administrative sources for improving availability and quality of population statistics;
- b) Identify basic requirements and assess feasibility of structuring a register-based population statistics system in their country; and
- c) Apply statistical methods for producing population statistics from administrative sources.

IV. TARGET PARTICIPANTS

This training is designed for middle/senior-level statisticians engaged in (1) the collection of population data and production of population statistics, and/or (2) collection of data from administrative sources for the purpose of producing population statistics.

V. DESIGN OF THE TRAINING

The training will be a blended [e-learning followed by face-to-face (F2F)] training. It will consist of a mix of experts' presentations, sharing of and discussion of lessons learned from country practices, and demonstration and application of statistical tools through practical exercises.

The training will consist of two modules:

E-learning Module (23 - 27 September): This module will consist of a self-paced 5 hours e-learning activity from 23 to 27 September 2013. The e-learning module will provide basic information and statistical background essential for understanding the rationale, objectives and preconditions for producing register-based population statistics. Only nominated participants who successfully complete the e-learning module will be accepted to participate in the F2F module. The participants nominated to participate in the training will have to satisfactorily complete the e-learning module within the timeframe.

Face-to-Face (F2F) Module (27 – 31 October 2013): The participants who successfully complete the e-learning module will be invited to participate in the F2F module to be held

during 27 to 31 October 2013 in Tehran, Islamic Republic of Iran. The F2F training will focus on fundamental steps in establishing a register-based statistical system and statistical methods for producing register-based population statistics. This module will consist of presentations, case studies and workshops facilitated by experts.

VI. TRAINING TOPICS

The training topics are divided into two parts; (i) basic information and statistical background which will be covered by the e-learning module and (ii) production of register-based population statistics which is the main focus for the F2F module.

Topics	Training Activity
(i) e-Learning: <u>Basic information and statistical background</u> (23 – 27 September 2013) –5 hours	
1. Introduction to administrative sources; basic concepts, uses and quality aspects	• Self-reading • Exercise
2. General preconditions for using administrative sources for producing population statistics	• Self-reading • Exercise
3. Using administrative data in production of population statistics; register-based surveys	• Self-reading • Exercise
(ii) F2F: <u>Production of register-based population statistics</u> (27-31 October 2013)	
1. Frameworks for the access and use of administrative sources • Frameworks for the access and use of administrative sources • Presentation of country practices • Common challenges and solutions	• Lecture • Country presentations and discussions • Group exercise
2. Statistical register systems • How to structure a register system? • How to create a register system? • Presentation of good practices • A regional perspective; Problems and solutions	• Lecture • Lecture • Presentation • Group exercise
3. Producing register-based population statistics • From administrative data to register-based statistics; data processing, data linkage and matching, and estimation • Sample surveys and administrative data as supplements; design, processing, estimation and analysis stages	• Lecture & exercise • Lecture & exercise
4. Quality of register-based statistics • Quality issues specific to administrative data; pros and cons • Metadata and documentation in register-based statistics	• Lecture • Lecture

Topics	Training Activity
5. Register-based population and housing censuses • Why a register-based census? rationale, advantages and disadvantages • A framework for register-based population and housing census • Presentation of good practices	• Lecture • Group work

Bridge (between e-learning and F2F module) training activities

- Selected participants to the F2F module need to prepare and bring to the F2F training at least one country presentation on topics mentioned in section (VI) following guidelines to be provided by the course organizers to selected participants. Draft country presentations will need to be submitted before the F2F phase and within the deadline that will be provided by the training organizers.

VII. NOMINATION PROCESS FOR PARTICIPATION

Number of Participants

About 20 participants from 5 target countries will be selected to participate initially to the e-Learning module of the training.

Selected participants who have successfully completed the e-Learning module of the training within the specified time frame will be invited to attend the F2F module of the training in Tehran, Islamic Republic of Iran.

Nomination Process

Invited agencies are requested to nominate:

- middle/senior-level statisticians (Core Skill Levels 3-5 as defined in the Core Skills Framework of SIAP*) engaged in (1) the collection of population data and production of population statistics, and/or (2) collection of data from administrative sources for the purpose of producing population statistics.

Nominating agencies should submit completed nomination forms of their selected candidates and their passport copies to the UNFPA country office in (or responsible for) their countries **by 11 September 2013**. UNFPA Country Offices are invited to submit nominations for one staff member to attend the training, with costs to be borne by their respective offices. The UNFPA Country Office will endorse all nominations and forward them to SIAP **by 13 September 2013**.

Practical matters

Each participant selected to participate in the F2F module will be provided with:

* Core Skills Framework of SIAP is available at <http://unsiap.or.jp/coreskill/CSF.pdf>

- (a) A round-trip air ticket by the most direct and economical route to travel from an international airport in his/her country to Tehran, Islamic Republic of Iran.;
- (b) Accommodation and meals during the course period by SCI;
- (c) A daily subsistence allowance in Tehran at reduced rate (as accommodation and meals will be provided) for the duration of the course.

NOTE: The daily subsistence allowance is not a salary or honorarium and is sufficient only to cover participants' daily expenses and other incidentals.

The selected participants will receive an acceptance letter together with detailed information on the venue of the course, visa and related instructions, and other necessary information at a later date.

VIII. FURTHER INFORMATION

Inquiries should be directed to the Director of SIAP:

Ms Margarita F. Guerrero
Director
Statistical Institute for Asia and the Pacific (SIAP)
3-2-2 Wakaba, Mihama-ku
Chiba-shi, Chiba 261-8787, Japan
Facsimile no.: +81-43-299-2521
Telephone no.: +81-43-299-9796
E-mail: staff@unsiap.or.jp

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ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC
STATISTICAL INSTITUTE FOR ASIA AND THE PACIFIC

Regional Training on Producing Register-based Population Statistics in Developing Countries

27-31 October 2013

Tehran, Islamic Republic of Iran

INFORMATION NOTE FOR OVERSEAS PARTICIPANTS

I. Course-related Information

Venue and opening session

1. The *Face-to-Face module of the Regional Training on Producing Register-based Population Statistics in Developing Countries*, jointly organized by the Statistical Institute for Asia and the Pacific (SIAP) and the Statistical Centre of Iran (SCI) of the Government of the Islamic Republic of Iran, and in collaboration with the UNFPA Asia and the Pacific Regional Office, will be conducted at the Statistical Research and Training Centre (SRTC) of SCI in Tehran, Islamic Republic of Iran, from 27 to 31 October 2013.

Statistical Research and Training Centre (SRTC)
No. 5, East 25th St.
Yousef Abad, Asad Abadi St. Vali-e-Asr Ave.
Tehran, Islamic Republic of Iran
Phone: +98 21 88725153-4, 88725101
Fax: +98 21 88725153-4
E-mail: int@sci.org.ir; naghikhani.m@gmail.com; azahedian@srtc.ac.ir

2. The opening ceremony for the module will be held at 09:00 hours on Sunday, 27 October 2013 in the classroom of the Statistical Research and Training Centre (SRTC). Training sessions will also be conducted at SRTC.

Registration and identification badges

3. All participants are requested to register at the Registration Desk located in the lobby of SRTC at 08:30 – 09:00 hours on the same day. Name badges will be issued upon registration and they are to be worn during the training.

Working languages

4. The training will be conducted in English and all documentation will be in English. No translation/interpretation services will be provided.

Contact details of SIAP and SCI

5. For any information regarding the module, participants may contact the Director of SIAP as follows:

Ms. Margarita F. Guerrero
Director

JETRO IDE Bldg., 2-2 Wakaba 3-chome, Mihama-ku, Chiba-shi, Chiba 261-8787, Japan

Central Tel: (81 43) 299 9782 • Central Fax: (81 43) 299 9780 • Cable: ASTAINST TOKYO

Director's Office Tel: (81 43) 299-9796 • Fax: (81 43) 299-2521 • Email: staff@unsiap.or.jp

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Statistical Institute for Asia and the Pacific (SIAP)
JETRO-IDE Building
3-2-2 Wakaba, Mihama-ku
Chiba-shi, Chiba 261-8787
Japan
Phone: (+81-43) 299-9796
Fax: (+81-43) 299-2521 and 299-9780
E-mail: staff@unsiap.or.jp

6. For local logistics arrangements, participants may contact the Coordinator of SCI as follows:

Mr. Farshad Golestan
In-charge
Office of the Head
Public Relations and International Cooperation
Statistical Centre of Iran
Dr. Fatemi Ave., Tehran, 1414663111
Islamic Republic of Iran
Phone: (+98-21) 88958189, 0098 21 88964472
(from Saturday to Wednesday)
Fax: (+98-21) 88958189, 88964472
Mobile: (+98) 9122972184 (Ms. Faghih)
(+98) 9358240975 (Mr. Maleki)
e-mail: int@sci.org.ir; ati.khoshabi@yahoo.com; ali.maleki.a@gmail.com

7. To facilitate the local logistics arrangements, participants are requested to complete and send the “Attendance Information Form” at Attachment 2 as soon as possible, but **no later than 18 October 2013**, to the SCI Coordinator with copy to the Director of SIAP.

II. Travel and Accommodation Arrangements

Travel arrangements

8. The Statistical Institute for Asia and the Pacific (SIAP) will make arrangements to issue the most economical air tickets (economy class) for SIAP-sponsored overseas participants to travel from the country of their residence to Imam Khomeini International Airport (IKIA) in Tehran and return. SIAP-sponsored participants are not required to book a flight. Arrangements will be made for participants to arrive in Tehran, on Saturday, 26 October 2013 and depart for their respective countries on Friday, 1 November 2013 through the following organizations:

For participants from Thailand: United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) in Bangkok

For participants from other countries: Respective responsible United Nations Development Programme (UNDP) offices

9. Any questions regarding international travel arrangements may be addressed to ESCAP or UNDP Country Offices directly or to Ms. Yuk Yee Leung (yukyee.leung@unsiap.or.jp). However, any additional queries could be addressed to the Director of SIAP.

Accommodation and meals

10. Accommodation for 6 nights (from 26 to 31 October 2013) and meals during the training will be provided by SCI for all overseas participants. Overseas participants will stay at the SCI Guest House in Tehran (the same building of the training venue).

SCI Guest House Address
No. 5, East 25th St.
Yousef Abad, Asad Abadi St. Vali-e-Asr Ave. Tehran, Islamic Republic of Iran
Phone: (98-21) 88725089, 88725101

Guide map of the SCI Guest House and the SRTC is provided in Attachment 1.

Daily Subsistence Allowance (DSA)

11. Since accommodation and meals will be provided by SCI, SIAP-sponsored overseas participants will be provided with daily subsistence allowance (DSA) at reduced rate. Participants will also be provided additional payment of \$152 - terminal fee in-lieu. DSA will be paid to the participants at the training site at SRTC by the SIAP Course Director on the first day of training, 27 October 2013. If for any reason a participant is unable to attend the full duration of the training, the appropriate portion of the allowance must be returned to the Institute.

12. Participants are required to bring their passports to the training venue on the first day of the training (27 October 2013) for verifying their identities and for processing of DSA payment. Participants are also requested to bring their air tickets and in-bound boarding passes to the training venue.

13. No other allowances will be provided except when stopovers/early arrival/extended stay in Tehran are unavoidable due to the unavailability/cancellation of flights. In such case, claims for additional DSA and other reimbursements for actual stopovers, etc. should be included in their F.10 claim forms with proof including **copies of passport pages containing immigration stamps for entry and exit of stopover point, boarding passes, air ticket copies and hotel receipts after the travel has been completed**. The claim form, relevant receipts and documents have to be sent to SIAP by registered airmail within 2 weeks after completion of the travel. Participants must also complete the attached payment instruction form and include it in the claim documents for submission to SIAP.

14. SIAP, UNFPA, and SCI will not assume responsibility for any other expenditures, such as:
- (i) Salary and related allowances for participants during the period of the Workshop;
 - (ii) Costs incurred by participants in respect of travel insurance, accident insurance, medical or dental bills or hospitalization fees in connection with their attending the Workshop;
 - (iii) Compensation in the event of death or disability of participants in connection with their attending the Workshop;
 - (iv) Any loss or damage to personal property of participants while attending the Workshop or losses or damages claimed by third parties as a result of negligence on the part of the participants; and
 - (v) Any other expenses.

Visa requirements

15. SCI is coordinating with the Ministry of Foreign Affairs of its Government to provide approvals for granting visas to the participants. It is most crucial that participants must provide clear copies of their passports (which has to be valid at least until 30 April 2014) and duly completed Form D "Information Sheet for Applying Iran Entry Visa" to SCI, through SIAP. Those who have not already done so are urged to take immediate action to send the needed documents to SIAP.

16. Participants from countries where no Iranian embassy is stationed are urged to send their visa applications to Iran embassy/ consulate in the nearest country by diplomatic pouch as soon as possible. Once SCI obtains visa approval for these participants, the approval numbers will be conveyed to both the participants and Iranian embassy/consulate in the intended country. The participants and concerned nominating agencies are responsible to coordinate with their government diplomatic mission in the same country to follow up the visa obtainment and prompt return of their passports to their country of residence to enable the participants to commence travel in time to Iran. For this group of overseas participants, SCI has also negotiated with the MFA, I. R. of Iran for issuing visas upon arrival at the Imam

Khomeini International Airport (as the last solution if other arrangements become difficult for participants from the abovementioned countries).

17. Participants from countries where Iranian Embassy is stationed may apply for entry visa to Iran immediately after receiving visa approval number from SCI.

Local transport

18. Upon arrival at the Imam Khomeini International Airport (IKIA) in Tehran, participants will be met by staff of SCI accompanying a picket stating "UNSIAP/SCI". Transportation from the airport to the SCI Guest House and from the Guest House to the airport will be provided by SCI.

III. Other Arrangements/Information

19. Own lap-top computers -- Participants are requested to bring their own lap-top computers with them to the training venue for their use during the training.

17. Reconfirmation of Return Flights -- Participants will be assisted by the SCI staff in making reconfirmation of their return flights; their passports and tickets will be collected on 11 September 2013 (the second day of the Workshop) for this purpose. All participants are urged to refrain from changing official itinerary arranged by the UNDP office.

18. Foreign Exchange – The local banks in Tehran provide foreign currency exchange service. The current exchange rate is approx. Rials **24900** to one US dollar. Participants are advised to carry sufficient amount of funds and to convert them to local currencies for transportation/miscellaneous expenses at transit point(s) and upon arrival in Tehran. Foreign exchange facilities are available 24 hours at the Airport.

19. Weather and Clothing – The weather in Tehran in October will be mild. The average temperature ranges from 12 to 24 degrees Centigrade. Warm clothing is recommended. **All female participants are kindly requested to observe appropriate Islamic dress code, e.g. scarf for covering their hair, pants and thigh-long dress with long-sleeves.**

20. Electricity voltage -- The voltage for all electric appliances used in the Islamic Republic of Iran is 220 Volts.

21. Food preference – Meals will be provided at the dining room of the SCI Guest House. Participants who have dietary restrictions, especially vegetarians and Hindus, are strongly encouraged to inform SCI in advance. Halal meals for Muslim participants will be provided and they do not need to indicate their dietary preference in advance.

22. Further supplementary information will be provided on the first day of the training.

* * *

Attachment 1

Map and full address of the SCI Guest House and Statistical Research and Training Centre



SCI Guest House Address

No. 5, East 25th St.

Yousef Abad, Asad Abadi St. Vali-e-Asr Ave. Tehran, Islamic Republic of Iran

Phone: (0098 21) 88725089 & 88725101

**Regional Training on Producing Register-based Population Statistics in
Developing Countries**

Face-to-Face Module

27 – 31 October 2013, Tehran, Islamic Republic of Iran

ATTENDANCE INFORMATION FORM

(Please type or print)

1. GIVEN NAME: _____
2. FAMILY NAME: _____
3. SEX: _____
4. FUNCTIONAL TITLE: _____
5. ORGANIZATION: _____
6. OFFICIAL MAILING ADDRESS: _____

Phone: _____ Fax: _____ E-mail: _____

7. ARRIVAL IN TEHRAN:
Date: _____ Flight number: _____ Time of arrival: _____

8. DEPARTURE FROM TEHRAN:
Date: _____ Flight number: _____ Time of departure: _____

9. FOOD RESTRICTIONS (please check):

- ☐ Yes (please specify): _____
- ☐ I take Halal meals for Muslim
- ☐ No, I do not have food restrictions

Please send this attendance information to:

Mr. Farshad Golestan
In-charge, Office of the Head, Public Relations and
International Cooperation
Statistical Centre of Iran
Tehran, Islamic Republic of Iran
Fax nos: (+98-21) 88958189, 0098 21,
88964472 (from Saturday to
Wednesday)
e-mail: int@sci.org.ir;
ati.khoshabi@yahoo.com &
ali.maleki.a@gmail.com

with copy to:

Ms. Margarita F. Guerrero
Director
Statistical Institute for Asia and the Pacific
Chiba, Japan

Fax No.: (+81-43) 299-2521
e-mail: staff@unsiap.or.jp

**Regional Training on Producing Register-based Population Statistics in
Developing Countries**

Face-to-Face Module

27 – 31 October 2013, Tehran, Islamic Republic of Iran

NOTE FOR PARTICIPANTS ON TRAVEL CLAIM

Participants who need to file claims should submit their claims with supporting documents, including copies of passport pages containing immigration stamps for entry and exit of stopover point(s), boarding passes, air ticket copies and hotel receipts after the travel has been completed.

Blank copies of the “claim form (F.10)” and “payment instruction form” are herewith attached.

The duly completed F.10 claim together with completed payment instruction form and all supporting documents should be sent by **registered airmail** to SIAP **within two weeks after completion of the travel:**

Ms. Margarita F. Guerrero
Director
Statistical Institute for Asia and the Pacific (SIAP-ESCAP)
3-2-2 Wakaba, Mihama-ku, Chiba-shi
Chiba 261-8787, Japan
Phone: +81-43-299-9796

Any inquiries concerning submission of travel claim may please be sent to Ms. Yuk Yee Leung, Administrative Assistant, SIAP (email address: yukyee.leung@unsiap.or.jp)

Regional Training on Producing Register-based Population Statistics in Developing Countries

e-Learning Module (Online): 23– 27 September 2013

Face-to-Face Module: 27-31 October 2013, Tehran, Islamic Republic of Iran

Course programme

Date/Time	Topics / Activities	Resources
27 Oct	Sunday	
09.00 تا 10:00	Opening of the course Introduction of course participants Course overview Group photo	SCI/SIAP
Topic1: Frameworks for the access and use of administrative sources		
10:00 - 10:45	Session1: Administrative data in National Statistical Systems (NSSs) - Types of NSSs, and issues related to flow of administrative data within the system - Group exercise: Assess your NSS, how centralized/decentralized is it? What are the issues that exist in use of administrative data in producing statistics?	AB
10:45 تا 11:00	Break	

11:00 - 12:15	Session2_A: Frameworks needed to facilitate access to administrative sources - Basic concepts and general preconditions for producing register-based statistics.(30 min) - Exercise: what kind of frameworks at different levels are in place in your country? how do those frameworks facilitate exchange of admin data between organizations? What are means of enforcement for the frameworks? Identify complementary and conflicting frameworks/policies/agreements. To what extent does the statistics act or other legislations in your country permit access to admin data by NSO or any other agencies? What is the role of the Chief Statistician in your system (outside NSO)? And to what extent can the Chief Statistician establish new frameworks?	HU AB
12:15 - 13:15	Lunch	
13:15 - 14:30	Session2_B: Frameworks needed to facilitate access to administrative sources - Presentation of group exercise - Reflections: Potentials for establishing a register system in the present countries (based on the presentations)	AB HU
14:30 - 14:45	Break	
14:45 - 16:00	Session 2_C: Frameworks needed to facilitate access to administrative sources: - Frameworks at different levels; legal, policy, organization and technical frameworks - Good practices: Frameworks adapted in Euro region (what is in place? What is feasible and what is not?).	HU
Topic2: Statistical Register Systems		

28 Oct	Monday	
09:00 - 10:15	Session 3: How to structure a register system? - Register models: based on unit types (30 min) - Statistical register system in Norway (30 min) - QA (15 min)	AB HU
10:15 - 10:30	Break	
10:30 - 11:45	Session 3: (contd) How to structure a register system? - Group discussion: (three groups: NSOs, other agencies, UN) What are challenges and solutions for structuring a register system? What are your expectations from other agencies? (45 min) - Common challenges and solutions in structuring a register system (30 min)	AB HU
11:45 - 12:45	Lunch	
12:45 - 14:00	Session 4: How to create a register? Essential steps in creating a register - Population; objectives, making inventory of sources, defining sets, local registers, etc. - Variables; Deciding and defining, derived variables, dynamism (creating longitudinal registers)	HU
14:00 - 14:15	Break	

14:15 - 15:30	Session 5: Country presentations; How registers created and used? (non-NSO agencies; 10 minutes each) Countries will present on - Types of administrative data kept in your organization and sources of data - Objectives of maintaining data, types of units, updating process, unique code(s), .. - Do you use the data for statistical purposes? - Do you share these data with other agencies? For what purpose being used by others? Under what frameworks/agreements you share? - Potential for exchanging your data with NSO. Through what frameworks/mechanisms?	AB
Topic3: Producing register-based population statistics		
29 Oct	Tuesday	
09:00 - 10:15	Session 6A: From administrative data to register-based statistics; Data gathering - Sample surveys and register surveys (30 min) - Common problems and solutions in combining sample surveys and registers; Units, concepts and definitions, variables, classification, time references, etc. (30 min) - QA (15 min)	AB HU
10:15 - 10:30	Break	

10:30 - 11:45	Session 6B: From administrative data to register-based statistics; Production Producing population statistics from registers - Processing and estimation issues (30 min) - Linkage and matching (45 min)	HU AB
11:45 - 12:45	Lunch	
12:45 - 14:00	Session 6C: From administrative data to register-based statistics; Case of Iran - Producing population statistics from registers in Iran (60 min) QA (15 min)	FR
14:00 - 14:15	Break	
14:15 - 15:30	Session 7: Country presentations on producing population statistics from registers (NSOs, 10 minutes each) - What are admin data that your agency uses for producing statistics - How do you get access to these sources? Through what frameworks/mechanisms? Do you get unit level data or aggregate? - Steps involved in producing statistics from administrative data - Do you conduct any record linkage or matching? If yes explain the process. If not, what are obstacles? - What are technical challenges in using administrative data?	(moderator: FR) Discussant: All
Topic4: Quality of register-based statistics		
30 Oct	Wednesday	

09:00 - 10:15	Session 8: Quality of register-based statistics - A quality framework for official statistics (30 min) - Quality issues specific to administrative data (30 min) QA (15 min)	AB HU
10:15 - 10:30	Break	
10:30 - 11:45	Session 8: (contd) Quality of register-based statistics - Metadata and Documentation - Group exercise	HU
11:45 - 12:45	Lunch	
Topi5: Register-based population and housing censuses		
12:45 - 14:00	Session 9: Need for a register-based census - Why a register-based census? Rationale, advantages and disadvantage, recommendations	HU
14:00 - 14:15	Break	
14:15 - 15:30	Session 10: Pre-requirements for a register-based census - A framework for register-based census: good practices(30min) - Case of Iran: current activities, challenges and future plans for register-based population and housing census(30 min) QA (15 min)	HU FR
31 Oct	Thursday	
09:00 - 10:15	Session 11A: How to conduct a register-based census - Fundamental steps and operational aspects of establishing a register-based population and housing census; <i>different registers, linkage and protecting confidentiality, cost effectiveness, different methods and alternatives (e.g. virtual census), etc.</i>	HU
10:15 - 10:30	Break	

10:30 - 11:45	Session 11B: Group discussion: feasibility of register-based census in present countries Current practices, opportunities, impeding factors, and possible solutions	(moderator: AB) Discussant: All
11:45 تا 12:45	Lunch break	
12:45 - 14:45	Session 12: Way forward	AB/HU/FR
14:45 تا 15:00	Break	
15:00 تا 15:30	Course evaluation & Closing ceremony	