Mongolian TUS experience

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National Statistics Office of Mongolia

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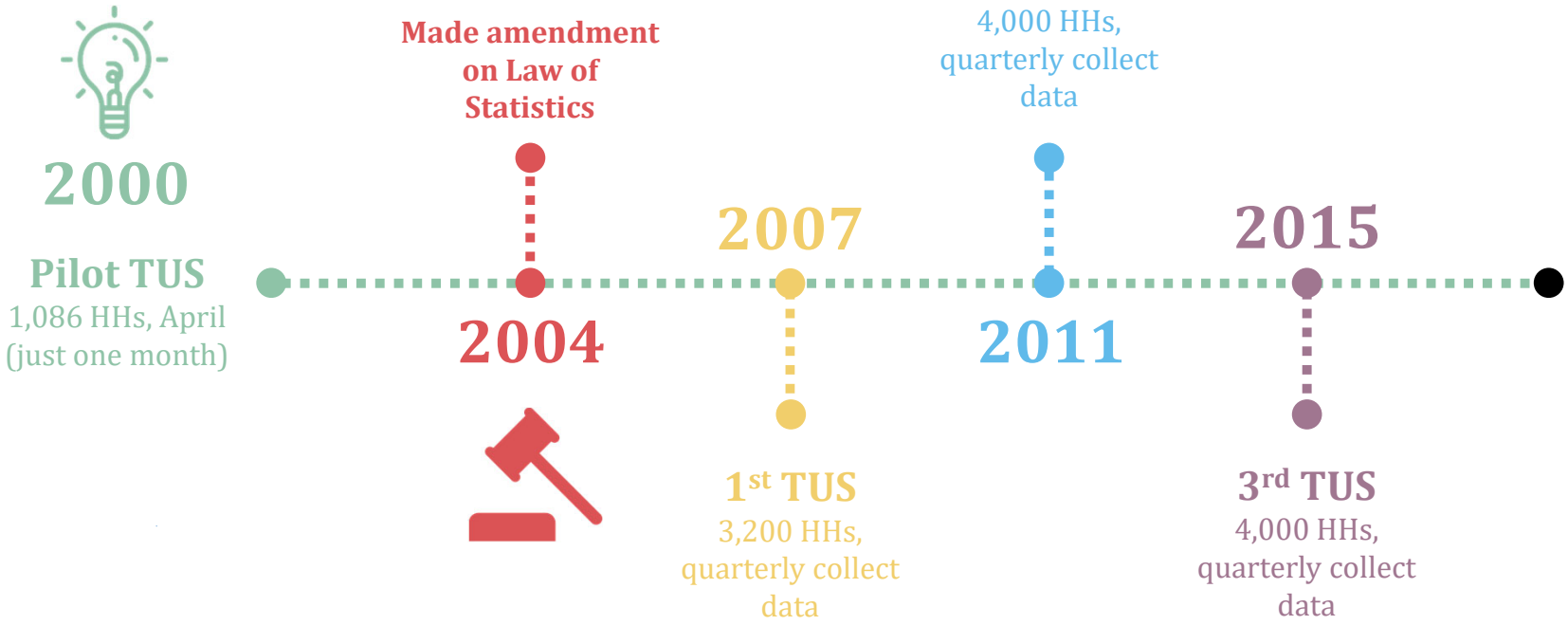
- Background of Mongolian TUS
- The latest TUS 2019

Background of Mongolian TUS



Justification and rationale for the survey implementation

- Implementation of the Law on Statistics
- Derive SDGs indicator 5.4.1
- Monitor implementation of international conventions and treaties Mongolia is signatory to

Survey objectives

1. **Update** data and statistics on situation of Mongolian people's lifestyle
2. **Derive data and statistics to monitor** the SDGs (determine time spent in unpaid and pad work of women and men)
3. **Contribute to** calculation of the Gross Domestic Product, particularly value added of household
4. **Data to inform further in-depth studies and analyses** for researchers and academics

Sampling design and size

- Representative national and regional level
- Multi-stages sample method
- Total sample is 4,000 households
- Data collected by quarterly
- 12 and older in selected households for diary

Classification

- International classification of activities for time use statistics **(ICATUS 2016)**
- International standard industrial classification (ISIC 4.0)
- International standard classification of occupation (ISCO 08)

Questionnaires

Household questionnaire **(Selected households)**

- HH living condition
- Individual information (demographic, education, functioning, marital status, employment)

Children under 5 questionnaire **(Mother/caretaker of children under 5 years)**

- Refers to child illness related to air pollution and parents how many hours and money spend for caring their children *(additional-new module)*

Diary **(12 years and above)**

- Main and parallel activities in 10 minutes interval
- Contextual information (location, with whom)

Data collection

Household questionnaire TUS-1:

- face-to-face interview using tablet (CAPI)

Under 5 questionnaire TUS-1a:

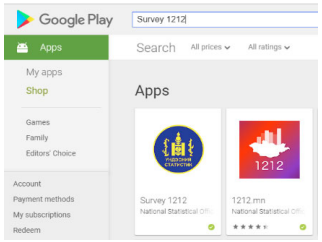
- face-to-face interview using tablet (CAPI)

Diary TUS-2:

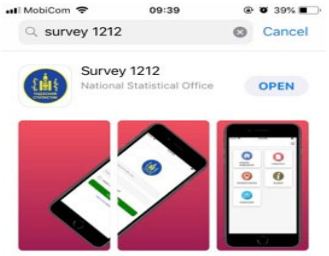
- Mixed mode of data collection was used (from quarter 3)
- **PAPER**: interviewer collected filled diary from households then coded and done data entry
- **SMART PHONE APP**: respondent filled diary on own smartphone.

Process diagram of data collection using smart phone application

Google Play Store



Apple App Store



Selected PSUs

Selected households

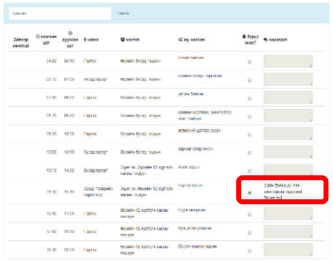
Paper diary

Number of visits: **3**

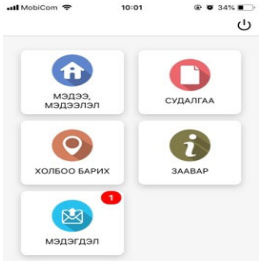
Smart phone app

Number of visits: **1**

Interviewer monitor respondent diary using web based platform

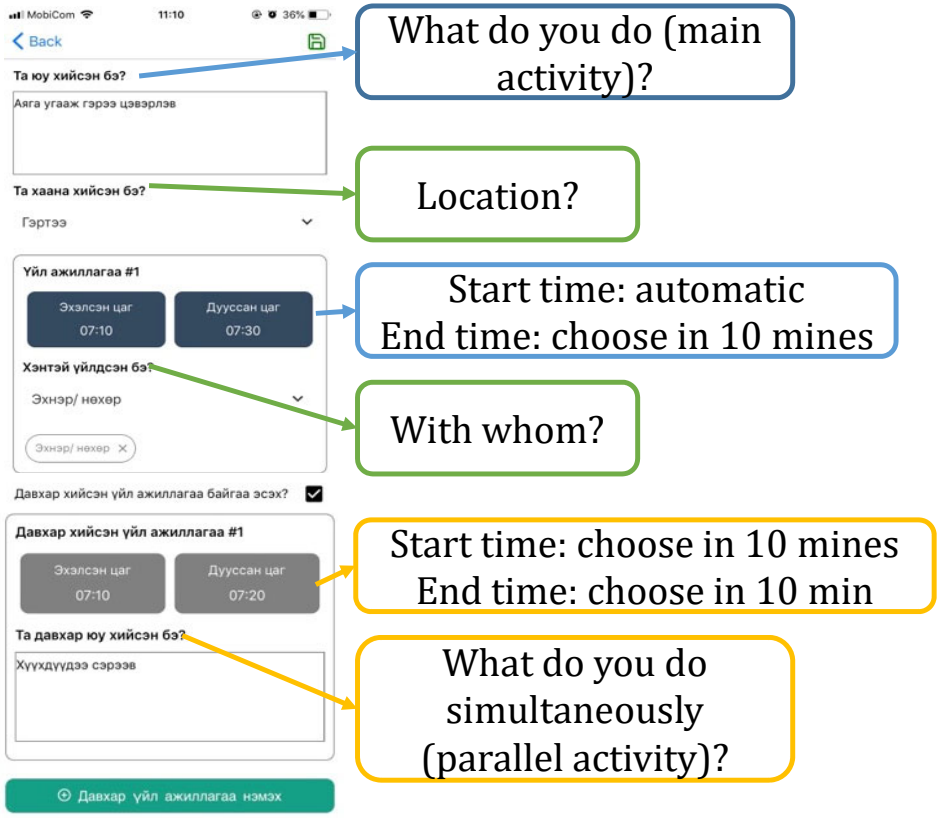


Interviewer sent notification to respondent phone app when diary is not completed or there is some error.



Respondent receive notification

Appearance of application (on the phone)



What do you do (main activity)?

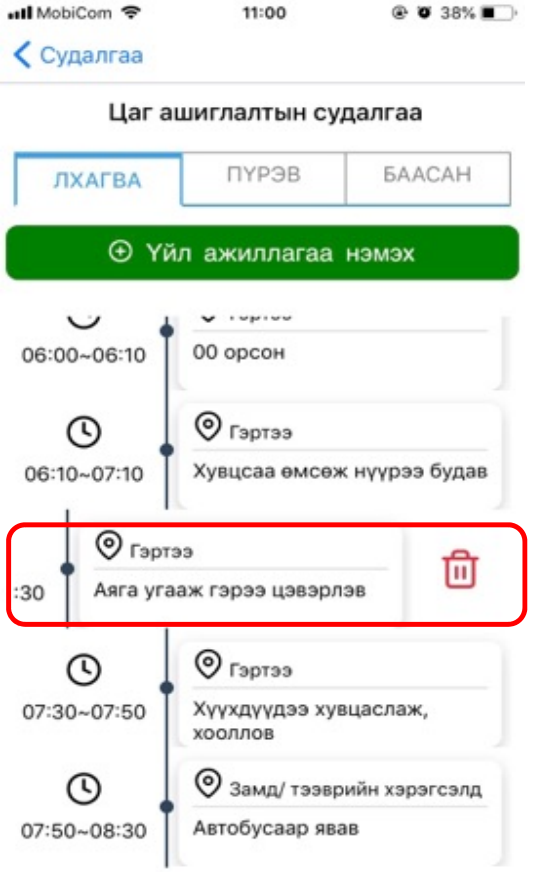
Location?

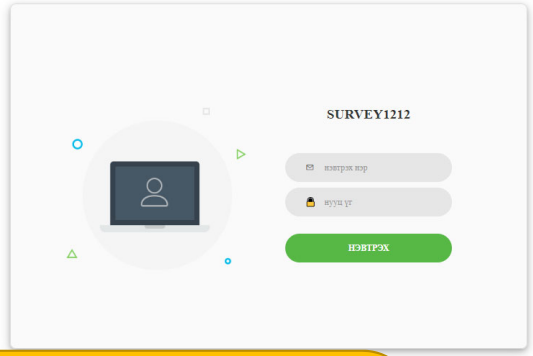
Start time: automatic
End time: choose in 10 mines

With whom?

Start time: choose in 10 mines
End time: choose in 10 min

What do you do simultaneously (parallel activity)?





Interviewers and supervisors are using web based platform to monitor diary and coding activities

http://srv.nso.mn/Survey1212/

САЙН УУ : M01 ГАРАХ

Өрхийн жагсаалт / Мэдэгдэл илгээх

No of PSU

HH registration #

No of person who able to do diary

175	13	1116671304531	НЭМЭХ	ШИНЭБАЯР	2	0	2
175	14	1116671203931	ШАРАВЖАМЦ	ЭРДЭНЭЦЭЦЭГ	1	0	1
175	16	1116671108931	ЦЭРЭНБАЗАР	НЯМЦЭРЭН	1	0	1
175	19	1116671108531	ХҮНБИШ	ОЮУНЭРДЭНЭ	1	0	1
175	20	1116671200531	NULL	NULL	4	0	4
179	1	1116931810028	АМГАЛАН	ЧОЙЖИЛСҮРЭН	2	2	0
179	2	1116934201641	НАНСАЛМАА	ГАНЗОЛБОО	1	1	0
179	15	1116931511995	ТҮМЭНБАЯР	ЭНХБАЯР	1	0	1
179	16	1116931511008	ШАРАВ	АЛТАНБИЛЭГ	1	1	0
183	6	1119631004531	НЯМСҮРЭН	ОТГОНЖАРГАЛ	1	0	1
183	7	1119631006031	ЦЭВЭЭНДОРЖ	НАСАНТОГТОХ	1	1	0
183	11	1119631909962	ПҮРЭВ	ДАШ	6	6	0
183	16	1119631609953	ЧОГСОМ	АРИУНАА	1	1	0
187	1	1119870705131	ГОМБОЖАВ	ДАЛАЙХҮҮ	1	1	0
187	19	1119870404931	ВАЙЛИНЧИЙ	ЗАНДАНМЯДАГ	5	0	5
191	1	1122690603831	ГАЛБАЙ	ОТГОНЖАМЦ	1	0	1
191	3	1122690406631	ЧАНЦАЛ	АМАРСАНАА	4	0	4
191	5	1122690408431	ЯНПИЛ	БААТАРСҮРЭН	1	0	1
191	6	1122691509899	ТОГТОХБАЯР	БАЯРМАА	3	0	3
191	7	1122691609881	ЦЭДЭНИШ	ЭНХЖАРГАЛ	1	0	1

Нийт өрхийн тоо: 111, Нийт судалгаа өгөх хүний тоо: 468, Хаагдаагүй: 366, Хаагдсан: 102

Өмнөх 1 2 3 4 5 6 Дараагийх

No of HH

Surname and given name of HH head

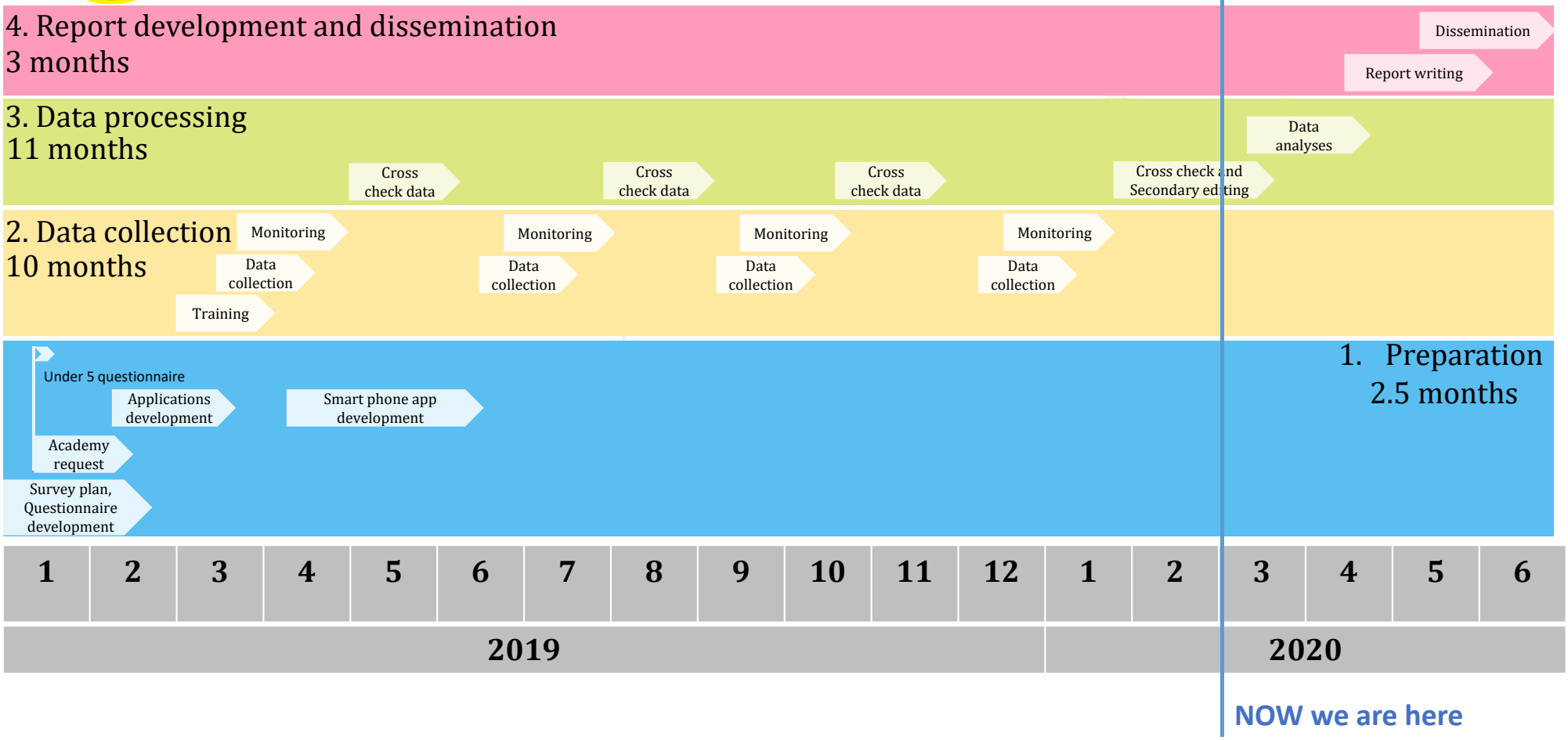
Status of diary

Summary
HH: 111, Total number of person who able to do diary using app: 468, Not closed diary: 366, Completed diary: 102

Using smart phone application

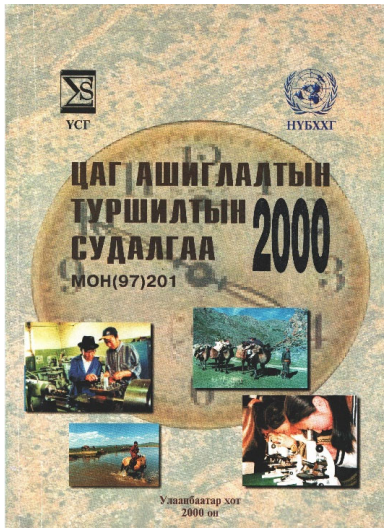
	Advantage	Disadvantage
Respondent burden	More option/choice to respondent – some people prefer to using application instead of write down on the paper	
Time	Safe time – no need to data entry, just coding on web based platform	
Budget	Safe world – not using paper	Additional budget – given phone data to respondent
Coding activities	Integrated coding (it will reduce non sampling error on activities coding)	
Monitoring	We can monitor during data collection on timely manner	
Data quality	Not clear yet	

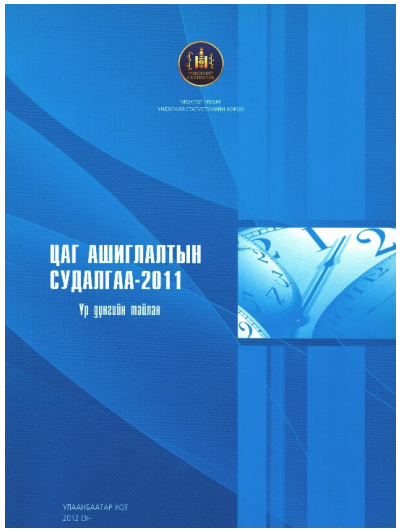
Stages of survey implementation

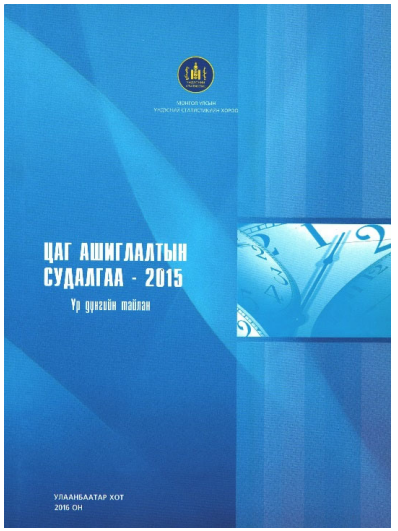


Dissemination

THANK YOU FOR YOUR ATTENTION







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