



Mobile data collection application for Time use survey 2019 of Mongolia

L.Myagmarsuren
Director
Information technology department
myagmarsuren@nso.mn

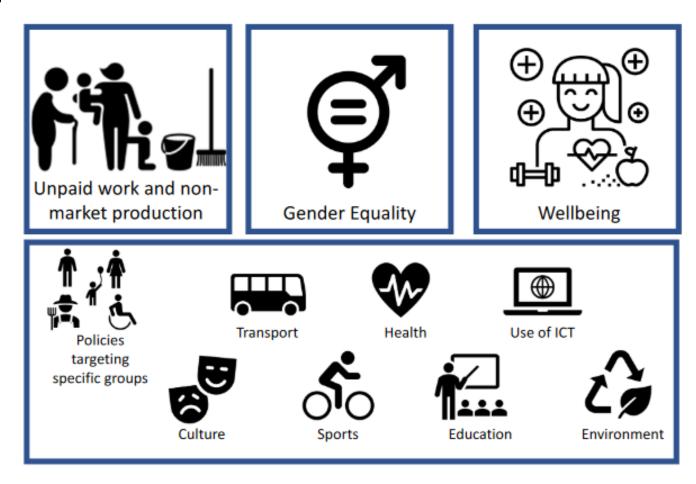




Time use survey:



• Determine time spent in unpaid and paid work of women and men.





Survey methodology of TUS 2019:



Sampling design and size

- Representative national and regional level
- Multi-stages sample method
- Total sample is 4,000 households
- Data collected by quarterly

Questionnaires

- Household questionnaire
- Children under 5 questionnaire
- Diary

Main and parallel activities, and contextual information (location, with whom)

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)

Data collection mode

- Household questionnaire CAPI-CSPro
- Children under 5 questionnaire CAPI-CSPro
- Diary: smart phone application (Q3, Q4)
 - A week: 2-3 days
 SUN-MON-TUE
 WED-THU
 FRI-SAT



0



Smart phone application - Survey 1212

Develop apps for android, iOS, and web based platform.



- Admin
- Interviewer
- Respondent

App features:

- Login
- Create Respondents account
- Enter daily activities by time
- Receive comments from Intervie

Web features for Interviewer:

- Check respondents diary
- Send comments to respondent
- Close diary
- Coding activities



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174	15	1116631511023	ТУУЛ	ОКТЯБРЬ	1	1	0		
182	1	1119550900531	ЛХҮНДЭВ	ЛИНА	1	1	0		
182	7	1119550904731	ЛХАМСҮРЭН	ДАВААСҮРЭН	2	2	0		
190	17	1122630802931	ЛХАГВАСҮРЭН	БАЯСГАЛАН	1	1	0		
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How it works:









2. Diary method select by respondent, Paper or Mobile app



3. Create Mobile app account for Respondent by Interviewer



4. Install app to Respondent mobile and login using by Respondent account



5. Entering daily activity by Respondent/main and parallel/



6. Online monitoring by web platform



7. Send notification and advise to respondent



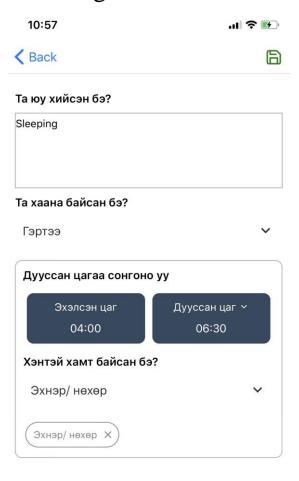
8. Close completed respondent diary. Move to coding



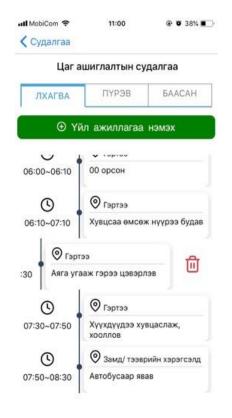


Respondent's access:

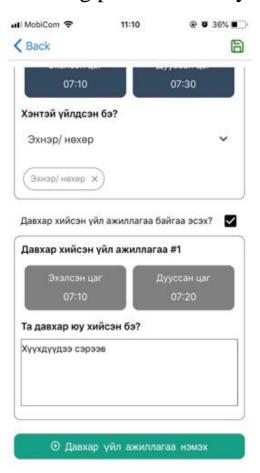
Entering main activities



Edit and delete



Entering parallel activity



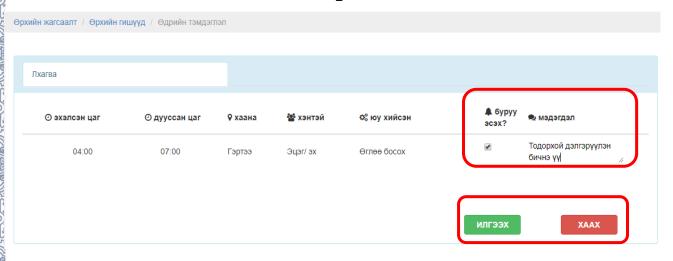




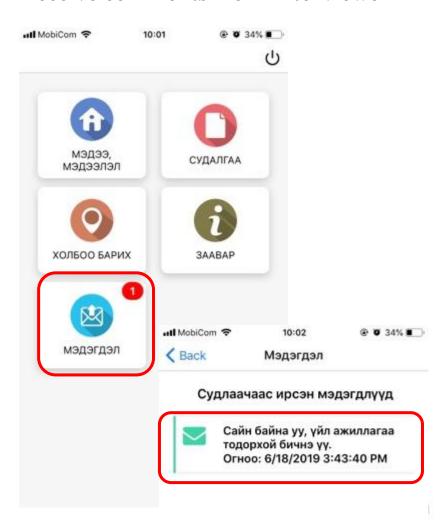


Monitoring and send comments to respondent:

Interviewer real time check respondent data



Receive comments from Interviewer





Challenges:



- New method always fighting against traditional method
- Respondent trust
- Interviewer skill
- Mobilization usage
- Mobile internet accessibility/3G/

		Advantage	Disadvantage
YHARICHUM CTATUCTUK	Respondent burden	More option/choice to respondent: some people prefer to using application instead of write down on the paper	
	Time	 Save time no need to data entry, just coding on web based platform no need to visit every day to check diary filling, remote check Respondents, they more busy now 	
	Budget	 Save world – No paper Save travelling - No need to visit every day to Household No need data entry process 	Additional budget –given phone data to respondent
	Coding activities	Integrated coding	
	Monitoring	Real time monitor during data collection	
	Data quality	Validation	







THANK YOU FOR YOUR ATTENTION