Leibniz Institute of Vegetable and Ornamental Crops (IGZ)

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**Life in Kyrgyzstan Study:
What's new in the 2019 wave?**

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1. What is

the Life in Kyrgyzstan Study?

LiK Study

- LiK Study is a research-based multi-topic longitudinal survey of households and individuals in Kyrgyzstan.
- It tracks the sample of over 8000 individuals from initial 3000 households over time from all regions.
- Data collected at community, household and individual levels …
- …on topics of demographics, assets, expenditure, migration, employment, agricultural markets, shocks, social networks, subjective well-being, and other topics.
- The survey was first conducted in 2010 and it has been repeated five times in 2011-2013, 2016 and 2019.

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Panel design

- All persons who took part in the first wave of the survey in 2010 are to be surveyed in the following waves.
- Hence, we track individuals, not households.
- In case of within-country mobility, the respective person is to be followed and new household members are also included in the sample.
- Persons joining into an existing LiK household are to be surveyed and tracked.

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Sample

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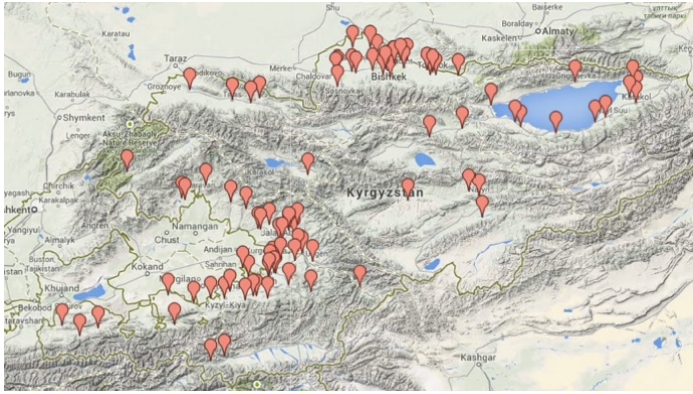
- Original survey sample of 3000 households (1750 rural) from 120 communities was drawn in 2010 by stratified random two-stage sampling based on 2009 Census

- Data is nationally representative and at the rural/urban and North/South levels

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Sample Dynamics

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Questionnaire	2010	2011	2012	2013	2016	2019
Community	120	120	120	120	120	175
Household	3,000	2,862	2,816	2,586	2,529	2,323
Agriculture					1,813	1,632
Individual	8,160	8,065	8,177	7,681	8,094	7,083
Youth						706
Total # of interviews	11,280	11,047	11,113	10,387	12,557	11,938

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Development of Questionnaires

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- Broad consultations with the extended team and research/development institutions.
- Paper-based questionnaires in 2010-2016; CAPI in 2019
- Interviews are in two languages: Kyrgyz and Russian.
- "Core" modules are asked in all waves; "special" modules added if needed.
- In 2016 the household questionnaire was divided into two parts by introducing an agricultural questionnaire in order to collect detailed information on farming.
- In 2019, a youth questionnaire was introduced to interview individually household members aged 14-17.

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LiK modules in 2010-2013

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Household Questionnaire
- Household Composition
- Child Education and Health
- Housing and Assets
- Agricultural Markets
- Consumption & Expenditure
- Expenses on Customs & Traditions
- Income Sources
- Migration
- Shocks

Community Questionnaire
1. Community Information
2. Prices for Food Products

Individual Questionnaire
- Subjective Well-Being
- Education and Health
- Labor Market
- Movements
- Family and Household
- Worries
- Security and Violence
- Social Life
- Membership in Groups
- Informal Networks
- Trust and Information

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Field works

- LiK collected once per year around Fall and Winter months (Sep-Nov-Jan).
- Private survey company collects data
  - Sotseconik 2010-2013, 2016.
  - SIAR, 2019.
- 80-120 enumerators overseen by 20-40 field supervisors.
- Workload per enumerator is 25 households.
- Field works lasts two–three months.

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LiK is a public good & learning tool

- LiK data are accessible for researchers
  - Data are accessible from IZA data platform (idsc.iza.org/lik).
  - Over 100 institutions worldwide has acquired the LiK data for research and teaching.

- Capacity building and learning tool
  - Annual Life in Kyrgyzstan conferences in Bishkek, 2015-2020
  - Three summer schools in 2014, 2015, 2017 (on labor markets; impact evaluation methods, and social cohesion)
  - Research and data workshops, 2012; 2015

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LiK-based research opportunities

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- Advantage of the LiK in analyzing intra-household impacts
  - Individual panel
  - Decision-making, gender empowerment.
  - Intergenerational links.

- Combination of the LiK data with third-party data
  - Geo-coded climatic, administrative, and other micro-data.
  - Using along with other household surveys, like KIHS.

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LiK Study for academic purposes

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- The role of the LiK Study for academic purposes is growing.
- As of Oct 2020, 100+ universities, institutions and organizations from 27 countries used the LiK data for research and teaching purposes.
- About 20 scientific academic articles were published in peer-reviewed academic journals, and the total number of all publications of various formats is over 50.

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Recent Publications

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- Anderson, K. H., & Esenaliev, D. (2019). Gender Earnings Inequality and Wage Policy: Teachers, Health Care, and Social Workers in Central Asia. *Comparative Economic Studies*, 1–25.
- Esenaliev, D., & Ferguson, N. (2019). The Impact of Job Quality on Wellbeing: Evidence from Kyrgyzstan. *Social Indicators Research*, 144.
- Paulone, S., & Ivlevs, A. (2019). Emigration and alcohol consumption among migrant household members staying behind: Evidence from Kyrgyzstan. *Social Science & Medicine*, 221.
- Steiner, S., & Becker, C. M. (2019). How marriages based on bride capture differ: Evidence from Kyrgyzstan. *Demographic Research*, 41.
- Tilekeyev, K., Tokubek uulu, B., Kirbasheva, D., Niiazaliev, B., & Abdrazakova, N. (2019). *Analysis of Youth Labor Market Trends in Kyrgyzstan.* UCA Working Paper No.52, Bishkek.
- Landmann, A., Seitz, H., & Steiner, S. (2018). Patrilocal Residence and Female Labor Supply: Evidence From Kyrgyzstan. *Demography*, 55(6).

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LiK Life in Kyrgyzstan

2. Changes in the LiK 2019 wave

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Timeline

- The 6th wave of the LiK Study was conducted by IGZ and UCA and co-funded by USAID and AKF.
- Jun 2019: the questionnaire revision.
- Jul-Aug 2019: The tender for data collection.
- Sep 2019: SIAR company was awarded the contract.
- Sep-Nov 2019: data collection preparation.
- Dec 2019-Feb 2020: field works.
- Mar-Apr 2020: the initial data cleaning by SIAR.
- May-Sep 2020: three rounds of data cleaning by the research team.

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Structural changes

- A new data collection company, SIAR.
- Shift from paper-based data collection to CAPI.
- Introduction of the youth questionnaire for aged 14-17.
- Youth questionnaire
  - Modules: life satisfaction; risk aversion; education; nutrition; social networks; civic participation; local governance; employment and migration; political participation; gender attitudes; perception of security; trust.

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Changes in questionnaires

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- Household questionnaire
  - New: food insecurity perceptions; climate change
  - Revised: shocks (expanded); festivities (removed);
- Individual questionnaire
  - New: Risk aversion; disability status; discrimination; bribing.
  - Revised: marriage practices (shortened); Identity (dropped); Values (dropped).
- Agricultural questionnaire
  - New: farm investment.
  - Revised: removed the second AG season
- Community questionnaire
  - No change.

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Household questionnaire

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Modules and Sections	Wave					
	2010	2011	2012	2013	2016	2019
Household						
Household Composition	✓	✓	✓	✓	✓	✓
Child Education	✓	✓	✓	✓		
Child Anthropometry & Breastfeeding					✓	✓
Child Health	✓	✓	✓	✓	✓	✓
Child Care				✓		
Housing and Assets						
Housing*	✓	✓	✓	✓	✓	✓
Assets*	✓	✓	✓	✓	✓	✓
Land**	✓	✓	✓	✓		
Savings and Credit				✓	✓	✓
Agricultural markets **						
Trade Activity	✓	✓	✓	✓		
Employees	✓					
Quality Requirements	✓	✓	✓	✓		
Consumption and Expenditure						
Food Items	✓	✓	✓	✓	✓	✓
Non-Food Items	✓	✓	✓	✓	✓	✓
Expenses on Festivities		✓	✓	✓	✓	
Income Sources	✓	✓	✓			
Labor Income & Private Transfers				✓	✓	✓
Social Transfers				✓	✓	✓
Migration						
Current Labor Migration	✓	✓	✓	✓	✓	✓
Remittances	✓	✓	✓	✓	✓	✓
Reverse Remittances	✓					
Shocks	✓	✓	✓	✓	✓	✓
Climate Change						✓

/* This section is not asked if requested information was already provided in the earlier waves.

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Individual Questionnaire -1

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Modules and Sections	Wave					
	2010	2011	2012	2013	2016	2019
Subjective Well-Being	✓	✓	✓	✓	✓	✓
Education, Health and Personality						
Education*	✓	✓	✓	✓	✓	✓
Health	✓	✓	✓	✓	✓	✓
Healthy Lifestyle and Nutrition						✓
Personality*			✓	✓		
Risk Aversion						✓
Labour Market						
Current Employment Status	✓	✓	✓	✓	✓	✓
Overview of Work in Last 7 days	✓	✓	✓	✓	✓	✓
Main Employment	✓	✓	✓	✓	✓	✓
Additional Employment	✓	✓	✓	✓	✓	✓
Current Unemployment or Inactivity	✓	✓	✓	✓	✓	✓
Work During the Last 12 months	✓	✓	✓	✓	✓	✓
Labour Market CV since 1990*	✓	✓	✓	✓	✓	✓
Movements*	✓	✓	✓	✓	✓	✓
Family and Household						
Family	✓	✓	✓			
Decision Making		✓	✓	✓	✓	✓
Time Use		✓	✓	✓		
Women's Background and Fertility*		✓	✓	✓		
Gender Attitudes			✓	✓	✓	✓
Marriage Practices					✓	✓
Elderly Care				✓		

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Individual Questionnaire -2

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Modules and Sections	Wave					
	2010	2011	2012	2013	2016	2019
Worries	✓	✓	✓	✓		
Aspirations						
Aspiration Levels					✓	
World View					✓	
Time Preferences and Risk					✓	
Security and Violence						
Perception of Security	✓	✓	✓	✓	✓	✓
Perception of Violence	✓	✓	✓	✓	✓	✓
Discrimination						✓
Fragility					✓	
Displacement	✓					
Social Life						
Identity and Sense of Belonging					✓	
Membership in Different Groups	✓	✓	✓	✓	✓	✓
Informal Networks	✓	✓	✓	✓	✓	✓
Trust	✓	✓	✓	✓	✓	✓
Political Participation				✓	✓	✓
Civic Participation				✓	✓	✓
Values				✓		
Local Budget			✓	✓	✓	✓

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Agricultural Questionnaire

Modules and Sections	Wave	
	2016	2019
Farm Land and Use		
Land Plots	✓	✓
Fields	✓	✓
Cultivation (Land Use)	✓	✓
Irrigation and Crop Rotation	✓	✓
Crop Planting and Harvesting	✓	✓
Crop Sales	✓	✓
Livestock and Poultry Farming		
Herd dynamics and sales	✓	✓
Herd Management	✓	✓
Household labor for livestock	✓	✓
Animal Products	✓	✓
Livestock Expenses	✓	✓
Agricultural Information		
Advice/Information Provision	✓	✓
Soil and Land Management Practices: Adoption vs. dis-adoption	✓	
Requirements for Products Quality	✓	✓
Farm Investments		✓

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Conclusion

- LiK data producers retain data for about 12 months of embargo period
- So, 2019 wave is likely to be posted for public use end-2021.
- Sustainability of funding of the LiK Study.
- Long-term funding proposal to collect more waves of data is under way
  - With a focus on agriculture; food security.
  - Labor markets.
  - Trade policy and innovation adoption
  - Impacts of natural shocks

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Discussion Points

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- Data and questionnaire questions
- Data documentation
- Library of syntax files and user-generated data

- LiK conference format
- LiK Seminar Series idea.

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Thank you for your attention!

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LiK Study information channels:
- Study website: www.lifeinkyrgyzstan.org
- Data depository: isdc.iza.org/lik.
- Twitter: @LiK_Study.

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