

# Global Financial Inclusion (Global Findex) Database 2021

**Development Research Group, Finance and Private Sector Development Unit**

report\_generated\_on: December 16, 2022

visit\_data\_catalog\_at: <https://microdata.worldbank.org/index.php>

## Identification

SURVEY ID NUMBER  
CHN\_2021\_FINDEX\_v02\_M

TITLE  
Global Financial Inclusion (Global Findex) Database 2021

COUNTRY/ECONOMY

Name	Country code
China	CHN

STUDY TYPE  
Other Household Survey [hh/oth]

SERIES INFORMATION

The Global Findex is the world's most comprehensive database on financial inclusion. It is also the only global demand-side data source allowing for global and regional cross-country analysis to provide a rigorous and multidimensional picture of how adults save, borrow, make payments, and manage financial risks. Global Findex 2021 data were collected from national representative surveys of about 128,000 adults in more than 120 economies. The latest edition follows the 2011, 2014, and 2017 editions, and it includes a number of new series measuring financial health and resilience and contains more granular data on digital payment adoption, including merchant and government payments. Phone surveys were not a viable option in 17 economies that had been part of previous Global Findex surveys, however, because of low mobile phone ownership and surveying restrictions. Data for these economies will be collected in 2022 and released in 2023.

ABSTRACT

The fourth edition of the Global Findex offers a lens into how people accessed and used financial services during the COVID-19 pandemic, when mobility restrictions and health policies drove increased demand for digital services of all kinds.

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The Global Findex is an indispensable resource for financial service practitioners, policy makers, researchers, and development professionals.

KIND OF DATA  
Observation data/ratings [obs]

UNIT OF ANALYSIS  
Individual

## Version

VERSION DESCRIPTION

Version 02: Edited, anonymous dataset for public distribution.

VERSION DATE

2022-12-05

VERSION NOTES

This is the first update (Dec 2022) to the microdata originally released in Oct 2022. This release includes new variables, updated labels along with a detailed codebook allowing you to access the Global Findex 2021 individual level data in a more meaningful way. Please also see [Microdata\\_update\\_details.xlsx](#) which details these updates.

## Scope

### NOTES

The indicators in the Global Findex 2021 database are drawn from survey data covering almost 128,000 people in 123 economies, representing 91 percent of the world's population. Data is available for 2021, 2017, 2014, and 2011.

## Coverage

### GEOGRAPHIC COVERAGE

Tibet was excluded from the sample. The excluded areas represent less than 1 percent of the total population of China.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name	Affiliation
Development Research Group, Finance and Private Sector Development Unit	World Bank

### PRODUCERS

Name	Role
Gallup, Inc.	Carried out the survey in association with its annual Gallup World Poll.

### FUNDING AGENCY/SPONSOR

Name	Role
Development Research Group, World Bank	Funded the study
The Bill and Melinda Gates Foundation	Financial support

## Sampling

### SAMPLING PROCEDURE

In most developing economies, Global Findex data have traditionally been collected through face-to-face interviews. Surveys are conducted face-to-face in economies where telephone coverage represents less than 80 percent of the population or where in-person surveying is the customary methodology. However, because of ongoing COVID-19 related mobility restrictions, face-to-face interviewing was not possible in some of these economies in 2021. Phone-based surveys were therefore conducted in 67 economies that had been surveyed face-to-face in 2017. These 67 economies were selected for inclusion based on population size, phone penetration rate, COVID-19 infection rates, and the feasibility of executing phone-based methods where Gallup would otherwise conduct face-to-face data collection, while complying with all government-issued guidance throughout the interviewing process. Gallup takes both mobile phone and landline ownership into consideration. According to Gallup World Poll 2019 data, when face-to-face surveys were last carried out in these economies, at least 80 percent of adults in almost all of them reported mobile phone ownership. All samples are probability-based and nationally representative of the resident adult population. Phone surveys were not a viable option in 17 economies that had been part of previous Global Findex surveys, however, because of low mobile phone ownership and surveying restrictions. Data for these economies will be collected in 2022 and released in 2023.

In economies where face-to-face surveys are conducted, the first stage of sampling is the identification of primary sampling units. These units are stratified by population size, geography, or both, and clustering is achieved through one or more stages of sampling. Where population information is available, sample selection is based on probabilities proportional to population size; otherwise, simple random sampling is used. Random route procedures are used to select sampled households. Unless an outright refusal occurs, interviewers make up to three attempts to survey the sampled household. To increase the probability of contact and completion, attempts are made at different times of the day and, where possible, on different days. If an interview cannot be obtained at the initial sampled household, a simple substitution method is used. Respondents are randomly selected within the selected households. Each eligible household member is listed, and the hand-

held survey device randomly selects the household member to be interviewed. For paper surveys, the Kish grid method is used to select the respondent. In economies where cultural restrictions dictate gender matching, respondents are randomly selected from among all eligible adults of the interviewer's gender.

In traditionally phone-based economies, respondent selection follows the same procedure as in previous years, using random digit dialing or a nationally representative list of phone numbers. In most economies where mobile phone and landline penetration is high, a dual sampling frame is used.

The same respondent selection procedure is applied to the new phone-based economies. Dual frame (landline and mobile phone) random digital dialing is used where landline presence and use are 20 percent or higher based on historical Gallup estimates. Mobile phone random digital dialing is used in economies with limited to no landline presence (less than 20 percent).

For landline respondents in economies where mobile phone or landline penetration is 80 percent or higher, random selection of respondents is achieved by using either the latest birthday or household enumeration method. For mobile phone respondents in these economies or in economies where mobile phone or landline penetration is less than 80 percent, no further selection is performed. At least three attempts are made to reach a person in each household, spread over different days and times of day.

Sample size for China is 3500.

#### WEIGHTING

Data weighting is used to ensure a nationally representative sample for each economy. Final weights consist of the base sampling weight, which corrects for unequal probability of selection based on household size, and the poststratification weight, which corrects for sampling and nonresponse error. Poststratification weights use economy-level population statistics on gender and age and, where reliable data are available, education or socioeconomic status.

## data\_collection

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#### DATES OF DATA COLLECTION

Start	End
2021-11-29	2022-01-04

#### DATA COLLECTION MODE

Mobile telephone

#### DATA COLLECTION NOTES

Data was collected in the following language(s): Chinese

## questionnaires

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#### QUESTIONNAIRES

Questionnaires are available on the website.

## data\_appraisal

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#### ESTIMATES OF SAMPLING ERROR

Estimates of standard errors (which account for sampling error) vary by country and indicator. For country-specific margins of error, please refer to the Methodology section and corresponding table in Demirgüç-Kunt, Asli, Leora Klapper, Dorothe Singer, Saniya Ansar. 2022. The Global Findex Database 2021: Financial Inclusion, Digital Payments, and Resilience in the Age of COVID-19. Washington, DC: World Bank.

## Access policy

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## CONTACTS

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## CITATION REQUIREMENTS

Demirgüç-Kunt, Asli, Leora Klapper, Dorothe Singer, Saniya Ansar. 2022. The Global Findex Database 2021: Financial Inclusion, Digital Payments, and Resilience in the Age of COVID-19. Washington, DC: World Bank.

## ACCESS AUTHORITY

Name	Affiliation	Email	URL
GlobalFindex	World Bank	globalfindex@worldbank.org	<a href="#">Link</a>

## Disclaimer and copyrights

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## DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

## Metadata production

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## DDI DOCUMENT ID

DDI\_CHN\_2021\_FINDEX\_v02\_M\_WB

## PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the DDI

## DATE OF METADATA PRODUCTION

2022-12-07

## DDI DOCUMENT VERSION

Version 02 (December 2022).

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>micro_chn.dta</b> 2021 Global Findex - China Microdata	3500	113



**Data file: micro\_chn.dta**

2021 Global Findex - China Microdata

Cases: 3500

variables: 113

**variables**

ID	Name	Label	Question
V1	economy	Economy	
V2	economycode	Economy Code	
V3	wpid_random	Gallup World Poll identifier	
V4	wgt	Weight	
V5	female	Respondent is female	
V6	age	Respondent age	
V7	educ	Respondent education level	
V8	inc_q	Within-economy household income quintile	
V9	emp_in	Respondent is in workforce	
V10	urbanicity_f2f	Respondent lives in rural area	
V11	account	Has an account	
V12	account_fin	Has an account at a financial institution	
V13	fin1_1a	Opened first account to receive a wage payment	
V14	fin1_1b	Opened first account to receive money from the government	
V15	fin2	Has a debit card	
V16	fin4	Used a debit card	
V17	fin4a	Used a debit card in-store	
V18	fin5	Used a mobile phone or internet to access account	
V19	fin6	Used a mobile phone or internet to check account balance	
V20	fin7	Has a credit card	
V21	fin8	Used a credit card	
V22	fin8a	Used a credit card in-store	
V23	fin8b	Paid credit card balances in full	
V24	fin9	Made any deposit into the account	
V25	fin9a	Make deposits into the account two or more times per month	
V26	fin10	Withdrew from the account	
V27	fin10a	Withdrew from the account two or more times per month	
V28	fin10b	Used account to store money	
V29	fin11_1	Unbanked: use account without help	
V30	fin11a	Reason for no account: too far	
V31	fin11b	Reason for no account: too expensive	
V32	fin11c	Reason for no account: lack documentation	
V33	fin11d	Reason for no account: lack trust	
V34	fin11e	Reason for no account: religious reasons	
V35	fin11f	Reason for no account: lack money	
V36	fin11g	Reason for no account: family member already has one	
V37	fin11h	Reason for no account: no need for financial services	

ID	Name	Label	Question
V38	fin13a	Use mobile money account two or more times a month	
V39	fin13b	Use mobile money account to store money	
V40	fin13c	Use mobile money account to borrow money	
V41	fin13d	Use mobile money account without help	
V42	fin14_1	Use mobile phone to pay for a purchase in-store	
V43	fin14_2	Paid digitally for an in-store purchase for the first time after COVID-19	
V44	fin14_2_China	Paid digitally for an in-store purchase for the first time since 2020	
V45	fin14a	Made bill payments online using the Internet	
V46	fin14a1	Send money to a relative or friend online using the Internet	
V47	fin14b	Bought something online using the Internet	
V48	fin14c	Paid online or in cash at delivery	
V49	fin14c_2	Paid online for an online purchase for the first time after COVID-19	
V50	fin14c_2_China	Paid online for an online purchase for the first time since 2020	
V51	fin16	Saved for old age	
V52	fin17a	Saved using an account at a financial institution	
V53	fin17a1	Saved using a mobile money account	
V54	fin17b	Saved using an informal savings club	
V55	fin20	Borrowed for medical purposes	
V56	fin22a	Borrowed from a financial institution	
V57	fin22b	Borrowed from family or friends	
V58	fin22c	Borrowed from an informal savings club	
V59	fin24	Main source of emergency funds in 30 days	
V60	fin24a	Difficulty of emergency funds in 30 days	
V61	fin24b	Difficulty of emergency funds in 7 days	
V62	fin26	Sent domestic remittances	
V63	fin27_1	Sent domestic remittances through an account	
V64	fin27c1	Sent domestic remittances in cash	
V65	fin27c2	Sent domestic remittances through an MTO	
V66	fin28	Received domestic remittances	
V67	fin29_1	Received domestic remittances through an account	
V68	fin29c1	Received domestic remittances in cash	
V69	fin29c2	Received domestic remittances through an MTO	
V70	fin30	Paid a utility bill	
V71	fin31a	Paid a utility bill using an account	
V72	fin31b	Paid a utility bill using a mobile phone	
V73	fin31b1	Paid a utility bill from an account or mobile phone for the first time after the	
V74	fin31b1_China	Paid a utility bill from an account or mobile phone for the first time since 202	
V75	fin31c	Paid a utility bill in cash	
V76	fin32	Received wage payments	
V77	fin33	Received public sector wage payments	
V78	fin34a	Received wage payments into an account	
V79	fin34b	Received wage payments to a mobile phone	
V80	fin34d	Received wage payments in cash	
V81	fin34e	Received wage payments to a card	
V82	fin35	Received wage payments into an account or to a phone or a card and paid higher t	

ID	Name	Label	Question
V83	fin37	Received a government transfer	
V84	fin38	Received a government pension	
V85	fin39a	Received a government transfer or pension into an account	
V86	fin39b	Received a government transfer or pension to a mobile phone	
V87	fin39d	Received a government transfer or pension in cash	
V88	fin39e	Received a government transfer or pension to a card	
V89	fin42	Received an agricultural payment	
V90	fin42a	Grow own crops or raise livestock	
V91	fin43a	Received an agricultural payment into an account	
V92	fin43b	Received an agricultural payment to a mobile phone	
V93	fin43d	Received an agricultural payment in cash	
V94	fin43e	Received an agricultural payment to a card	
V95	fin44a	Financially worried: old age	
V96	fin44b	Financially worried: medical cost	
V97	fin44c	Financially worried: bills	
V98	fin44d	Financially worried: education	
V99	fin45	Financially most worried	
V100	fin45_1	Financially worried due to COVID-19	
V101	fin45_1_China	Financial worry	
V102	saved	Saved in the past year	
V103	borrowed	Borrowed in the past year	
V104	receive_wages	Received a wage payment	
V105	receive_transfers	Received a government transfer payment	
V106	receive_pension	Received a government pension payment	
V107	receive_agriculture	Received a payment for the sale of agricultural goods	
V108	pay_utilities	Paid a utility bill	
V109	remittances	Made or received a domestic remittance payment	
V110	mobileowner	Owns a mobile phone	
V111	internetaccess	Internet access	
V112	anydigpayment	Made or received a digital payment	
V113	merchantpay_dig	Made a digital merchant payment	

total: 113



**ECONOMY: Economy****Data file:** micro\_chn.dta**Overview**

Valid: 3500    Invalid: 0  
 Type: Discrete    Width: 5    Range: -    Format: character

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**URBANICITY\_F2F: Respondent lives in rural area****Data file:** micro\_chn.dta**Overview**

Valid: 0    Invalid: 3500    Minimum: \*    Maximum: \*  
 Type: Discrete    Width: 1    Range: \* - \*    Format: Numeric

**Others**

## NOTES

Rural and urban classifications rely on a joint OECD-EU effort to classify these two groups based on population grids (not administrative units) that directly capture the spatial concentration of people. This is different from Gallup's earlier measures of rurality which relied on a survey respondent's perception of the urbanicity of their residence. The Global Findex Database 2021 uses the new estimate and provides account ownership averages for adults living in rural and urban areas. These averages are available only for those economies in which face-to-face surveys were conducted and are not compared with the 2011, 2014, and 2017 data, nor with regional or global averages.

See more here - <https://ghsl.jrc.ec.europa.eu/degurba.php>

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**ECONOMYCODE: Economy Code****Data file:** micro\_chn.dta**Overview**

Valid: 3500    Invalid: 0  
 Type: Discrete    Width: 3    Range: -    Format: character

**Others**

## NOTES

International Standards Organization (ISO) 3-digit alphabetic code for each economy

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**WPID\_RANDOM: Gallup World Poll identifier****Data file:** micro\_chn.dta**Overview**

Valid: 3500    Invalid: 0    Minimum: 111131048    Maximum: 211037966  
 Type: Continuous    Decimal: 0    Width: 9    Range: 111131048 - 211037966    Format: Numeric

## Others

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### NOTES

Individual-level identifier to merge with Gallup World Poll data

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### WGT: Weight

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 0.132171568983348 Maximum: 5.06794935985916

Type: Continuous Decimal: 15 Width: 17 Range: 0.132171568983348 - 5.06794935985916 Format: Numeric

## Others

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### NOTES

Weight assigned to each observation

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### FEMALE: Respondent is female

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 2

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
1	female	1642	46.9%
2	male	1858	53.1%

---

### AGE: Respondent age

Data file: micro\_chn.dta

#### Overview

Valid: 3446 Invalid: 54 Minimum: 15 Maximum: 87

Type: Discrete Decimal: 0 Width: 2 Range: 15 - 87 Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
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15	15	6	0.2%
16	16	20	0.6%
17	17	26	0.8%
18	18	60	1.7%
19	19	70	2%
20	20	105	3%
21	21	76	2.2%
22	22	88	2.6%
23	23	87	2.5%
24	24	97	2.8%
25	25	114	3.3%
26	26	105	3%
27	27	77	2.2%
28	28	110	3.2%
29	29	78	2.3%
30	30	250	7.3%
31	31	82	2.4%
32	32	122	3.5%
33	33	120	3.5%
34	34	80	2.3%
35	35	183	5.3%
36	36	107	3.1%
37	37	78	2.3%
38	38	102	3%
39	39	60	1.7%
40	40	218	6.3%
41	41	39	1.1%
42	42	63	1.8%
43	43	60	1.7%
44	44	38	1.1%
45	45	75	2.2%
46	46	39	1.1%
47	47	36	1%
48	48	55	1.6%
49	49	23	0.7%
50	50	133	3.9%
51	51	26	0.8%
52	52	32	0.9%
53	53	30	0.9%

54	54	26	0.8%
55	55	31	0.9%
56	56	19	0.6%
57	57	15	0.4%
58	58	31	0.9%
59	59	16	0.5%
60	60	34	1%
61	61	6	0.2%
62	62	7	0.2%
63	63	10	0.3%
64	64	7	0.2%
65	65	12	0.3%
66	66	6	0.2%
67	67	5	0.1%
68	68	5	0.1%
69	69	3	0.1%
70	70	13	0.4%
71	71	7	0.2%
72	72	3	0.1%
73	73	3	0.1%
74	74	5	0.1%
75	75	4	0.1%
76	76	2	0.1%
77	77	0	0%
78	78	2	0.1%
79	79	1	0%
80	80	0	0%
81	81	2	0.1%
82	82	0	0%
83	83	0	0%
84	84	0	0%
85	85	0	0%
86	86	0	0%
87	87	1	0%
88	88	0	0%
89	89	0	0%
90	90	0	0%
91	91	0	0%
92	92	0	0%

93	93	0	0%
94	94	0	0%
95	95	0	0%
96	96	0	0%
97	97	0	0%
98	98	0	0%
99	99+	0	0%
Sysmiss		54	

## EDUC: Respondent education level

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	completed primary school or less	684	19.5%
2	completed secondary school	1593	45.5%
3	completed tertiary education or more	1205	34.4%
4	(dk)	5	0.1%
5	(rf)	13	0.4%

## INC\_Q: Within-economy household income quintile

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Poorest 20%	462	13.2%
2	Second 20%	612	17.5%
3	Middle 20%	737	21.1%

4	Fourth 20%	867	24.8%
5	Richest 20%	822	23.5%

## Others

### NOTES

Respondent's within-economy household income quintile (1 to 5)

### EMP\_IN: Respondent is in workforce

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### ACCOUNT: Has an account

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	192	5.5%
1	yes	3308	94.5%

### ACCOUNT\_FIN: Has an account at a financial institution

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	192	5.5%

1	yes	3308	94.5%
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## Others

### NOTES

The data also include an additional 3 percent of respondents in 2021 who reported receiving wages, government transfers, a public sector pension, or payments for agricultural products into an account (excluding mobile money) in the past year; paying utility bills or school fees from a financial institution account in the past year; or receiving wages, government transfers, or agricultural payments to a card in the past year. The definition does not include non-bank financial institutions such as pension funds, retirement accounts, insurance companies, or equity holdings such as stocks. Questions screened for account ownership in the questionnaire do not include these additional 3 percent of respondents.

## FIN1\_1A: Opened first account to receive a wage payment

Data file: micro\_chn.dta

### Overview

Valid: 2988 Invalid: 512 Minimum: 1 Maximum: 3  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	1663	55.7%
2	no	1272	42.6%
3	(dk)	53	1.8%
4	(ref)	0	0%
Sysmiss		512	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

## FIN1\_1B: Opened first account to receive money from the government

Data file: micro\_chn.dta

### Overview

Valid: 2988 Invalid: 512 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	541	18.1%
2	no	2411	80.7%
3	(dk)	35	1.2%
4	(ref)	1	0%
Sysmiss		512	

## Others

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### NOTES

Asked only of account owners (excluding mobile money accounts).

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## FIN2: Has a debit card

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

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### CATEGORIES

Value	Category	Cases	
1	yes	2985	85.3%
2	no	499	14.3%
3	(dk)	11	0.3%
4	(ref)	5	0.1%

## Others

---

### NOTES

Asked only of account owners (excluding mobile money accounts).

---

## FIN4: Used a debit card

Data file: micro\_chn.dta

### Overview

Valid: 2985 Invalid: 515 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	1902	63.7%
2	no	1076	36%
3	(dk)	6	0.2%
4	(ref)	1	0%
Sysmiss		515	

### Others

#### NOTES

Asked only of account owners (excluding mobile money accounts) that have an ATM/debit card.

## FIN4A: Used a debit card in-store

Data file: micro\_chn.dta

### Overview

Valid: 1902 Invalid: 1598 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	1483	78%
2	no	417	21.9%
3	(dk)	2	0.1%
4	(ref)	0	0%
Sysmiss		1598	

### Others

#### NOTES

Asked only of account owners (excluding mobile money accounts) that used an ATM/debit card.

## FIN5: Used a mobile phone or internet to access account

Data file: micro\_chn.dta

**Overview**

Valid: 3248 Invalid: 252 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	2741	84.4%
2	no	500	15.4%
3	(dk)	6	0.2%
4	(ref)	1	0%
Sysmiss		252	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts).

**FIN6: Used a mobile phone or internet to check account balance**

Data file: micro\_chn.dta

**Overview**

Valid: 3248 Invalid: 252 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	2692	82.9%
2	no	554	17.1%
3	(dk)	2	0.1%
4	(ref)	0	0%
Sysmiss		252	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts).

**FIN7: Has a credit card****Data file:** micro\_chn.dta**Overview**

Valid: 3248    Invalid: 252    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1630	50.2%
2	no	1612	49.6%
3	(dk)	5	0.2%
4	(ref)	1	0%
Sysmiss		252	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts).

**FIN8: Used a credit card****Data file:** micro\_chn.dta**Overview**

Valid: 1630    Invalid: 1870    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1374	84.3%
2	no	253	15.5%
3	(dk)	3	0.2%
4	(ref)	0	0%
Sysmiss		1870	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts) who have a credit card.

**FIN8A: Used a credit card in-store**

Data file: micro\_chn.dta

**Overview**

Valid: 1374 Invalid: 2126 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1104	80.3%
2	no	267	19.4%
3	(dk)	3	0.2%
4	(ref)	0	0%
Sysmiss		2126	

**Others**

## NOTES

Asked only of account owners (excluding mobile money accounts) who used a credit card.

**FIN8B: Paid credit card balances in full**

Data file: micro\_chn.dta

**Overview**

Valid: 1630 Invalid: 1870 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1470	90.2%
2	no	137	8.4%
3	(dk)	19	1.2%
4	(ref)	4	0.2%
Sysmiss		1870	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts) who have a credit card.

### FIN9: Made any deposit into the account

Data file: micro\_chn.dta

#### Overview

Valid: 3248 Invalid: 252 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	2628	80.9%
2	no	608	18.7%
3	(dk)	7	0.2%
4	(ref)	5	0.2%
Sysmiss		252	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts). This includes cash or electronic deposits, or any time money is put into their account(s) by themselves, by an employer, or another person or institution.

### FIN9A: Make deposits into the account two or more times per month

Data file: micro\_chn.dta

#### Overview

Valid: 2628 Invalid: 872 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	1409	53.6%
2	no	1165	44.3%
3	(dk)	53	2%

4	(ref)	1	0%
Sysmiss		872	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

## FIN10: Withdrew from the account

Data file: micro\_chn.dta

### Overview

Valid: 3248 Invalid: 252 Minimum: 1 Maximum: 4

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	2527	77.8%
2	no	712	21.9%
3	(dk)	4	0.1%
4	(ref)	5	0.2%
Sysmiss		252	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts). This includes cash withdrawals made in person using a debit card or mobile phone, electronic payments or purchases, checks, or any other sanctioned circumstance in which money is removed from the account(s) either by the account owner or by another person or institution.

## FIN10A: Withdrew from the account two or more times per month

Data file: micro\_chn.dta

### Overview

Valid: 2527 Invalid: 973 Minimum: 1 Maximum: 4

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	1763	69.8%
2	no	724	28.7%
3	(dk)	39	1.5%
4	(ref)	1	0%
Sysmiss		973	

## Others

### NOTES

Asked only of account owners (excluding mobile money accounts).

## FIN10B: Used account to store money

Data file: micro\_chn.dta

### Overview

Valid: 3248 Invalid: 252 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	2480	76.4%
2	no	753	23.2%
3	(dk)	11	0.3%
4	(ref)	4	0.1%
Sysmiss		252	

## FIN11\_1: Unbanked: use account without help

Data file: micro\_chn.dta

### Overview

Valid: 192 Invalid: 3308 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	94	49%

2	no	85	44.3%
3	(dk)	11	5.7%
4	(ref)	2	1%
Sysmiss		3308	

### FIN11A: Reason for no account: too far

Data file: micro\_chn.dta

#### Overview

Valid: 252 Invalid: 3248 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	55	21.8%
2	no	187	74.2%
3	(dk)	6	2.4%
4	(ref)	4	1.6%
Sysmiss		3248	

### FIN11B: Reason for no account: too expensive

Data file: micro\_chn.dta

#### Overview

Valid: 252 Invalid: 3248 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	35	13.9%
2	no	194	77%
3	(dk)	20	7.9%
4	(ref)	3	1.2%
Sysmiss		3248	

**FIN11C: Reason for no account: lack documentation**

Data file: micro\_chn.dta

**Overview**

Valid: 252    Invalid: 3248    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	36	14.3%
2	no	200	79.4%
3	(dk)	12	4.8%
4	(ref)	4	1.6%
Sysmiss		3248	

**FIN11D: Reason for no account: lack trust**

Data file: micro\_chn.dta

**Overview**

Valid: 252    Invalid: 3248    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	39	15.5%
2	no	199	79%
3	(dk)	11	4.4%
4	(ref)	3	1.2%
Sysmiss		3248	

**FIN11E: Reason for no account: religious reasons**

Data file: micro\_chn.dta

**Overview**

Valid: 252    Invalid: 3248    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	14	5.6%
2	no	227	90.1%
3	(dk)	7	2.8%
4	(ref)	4	1.6%
Sysmiss		3248	

### FIN11F: Reason for no account: lack money

Data file: micro\_chn.dta

#### Overview

Valid: 252 Invalid: 3248 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	122	48.4%
2	no	119	47.2%
3	(dk)	6	2.4%
4	(ref)	5	2%
Sysmiss		3248	

### FIN11G: Reason for no account: family member already has one

Data file: micro\_chn.dta

#### Overview

Valid: 252 Invalid: 3248 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	97	38.5%
2	no	142	56.3%

3	(dk)	9	3.6%
4	(ref)	4	1.6%
Sysmiss		3248	

### FIN11H: Reason for no account: no need for financial services

Data file: micro\_chn.dta

#### Overview

Valid: 252 Invalid: 3248 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	69	27.4%
2	no	169	67.1%
3	(dk)	11	4.4%
4	(ref)	3	1.2%
Sysmiss		3248	

### FIN13A: Use mobile money account two or more times a month

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN13B: Use mobile money account to store money

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN13C: Use mobile money account to borrow money

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*

Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN13D: Use mobile money account without help

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN14\_1: Use mobile phone to pay for a purchase in-store

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	3173	90.7%
2	no	323	9.2%
3	(dk)	2	0.1%
4	(ref)	2	0.1%

### FIN14\_2: Paid digitally for an in-store purchase for the first time after COVID-19

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN14\_2\_CHINA: Paid digitally for an in-store purchase for the first time since 2020

Data file: micro\_chn.dta

#### Overview

Valid: 3221 Invalid: 279 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Only used cash	268	8.3%
2	Used other methods, such as a card or mobile phone	2931	91%
3	(dk)	19	0.6%
4	(ref)	3	0.1%
Sysmiss		279	

### FIN14A: Made bill payments online using the Internet

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	2365	67.6%
2	no	1092	31.2%
3	(dk)	41	1.2%
4	(ref)	2	0.1%

### FIN14A1: Send money to a relative or friend online using the Internet

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	2712	77.5%
2	no	778	22.2%
3	(dk)	7	0.2%

4	(ref)	3	0.1%
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## FIN14B: Bought something online using the Internet

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	3119	89.1%
2	no	376	10.7%
3	(dk)	3	0.1%
4	(ref)	2	0.1%

## FIN14C: Paid online or in cash at delivery

Data file: micro\_chn.dta

### Overview

Valid: 3119 Invalid: 381 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Pay online	2753	88.3%
2	In cash	130	4.2%
3	(both)	232	7.4%
4	(dk)	4	0.1%
5	(ref)	0	0%
Sysmiss		381	

## FIN14C\_2: Paid online for an online purchase for the first time after COVID-19

Data file: micro\_chn.dta

**Overview**

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

**FIN14C\_2\_CHINA: Paid online for an online purchase for the first time since 2020**

Data file: micro\_chn.dta

**Overview**

Valid: 3119 Invalid: 381 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Only paid in cash	179	5.7%
2	Paid online	2892	92.7%
3	(dk)	43	1.4%
4	(ref)	5	0.2%
Sysmiss		381	

**FIN16: Saved for old age**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1275	36.4%
2	no	2216	63.3%
3	(dk)	7	0.2%
4	(ref)	2	0.1%

**FIN17A: Saved using an account at a financial institution**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1881	53.7%
2	no	1607	45.9%
3	(dk)	7	0.2%
4	(ref)	5	0.1%

**FIN17A1: Saved using a mobile money account**

Data file: micro\_chn.dta

**Overview**

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

**FIN17B: Saved using an informal savings club**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	215	6.1%
2	no	3267	93.3%
3	(dk)	14	0.4%
4	(ref)	4	0.1%

**FIN20: Borrowed for medical purposes**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	276	7.9%
2	no	3221	92%
3	(dk)	1	0%
4	(ref)	2	0.1%

**FIN22A: Borrowed from a financial institution**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	731	20.9%
2	no	2766	79%
3	(dk)	1	0%
4	(ref)	2	0.1%

**FIN22B: Borrowed from family or friends**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	806	23%

2	no	2691	76.9%
3	(dk)	1	0%
4	(ref)	2	0.1%

## FIN22C: Borrowed from an informal savings club

Data file: micro\_chn.dta

### Overview

Valid: 215 Invalid: 3285 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	9	4.2%
2	no	205	95.3%
3	(dk)	1	0.5%
4	(ref)	0	0%
Sysmiss		3285	

## FIN24: Main source of emergency funds in 30 days

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Main source: Savings	1369	39.1%
2	Main source: Family or friends	523	14.9%
3	Main source: Money from working	1311	37.5%
4	Main source: Borrowing from a bank, employer, or private lender	68	1.9%
5	Main source: Selling assets	21	0.6%
6	Main source: Some other source	83	2.4%
7	(I could not come up with the money)	83	2.4%
8	(dk)	34	1%

9	ref	8	0.2%
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## FIN24A: Difficulty of emergency funds in 30 days

Data file: micro\_chn.dta

### Overview

Valid: 3375 Invalid: 125 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Very difficult	173	5.1%
2	Somewhat difficult	679	20.1%
3	Not difficult at all	2511	74.4%
4	(DK)	11	0.3%
5	(ref)	1	0%
Sysmiss		125	

## FIN24B: Difficulty of emergency funds in 7 days

Data file: micro\_chn.dta

### Overview

Valid: 3375 Invalid: 125 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Very difficult	407	12.1%
2	Somewhat difficult	700	20.7%
3	Not difficult at all	2241	66.4%
4	(I could not come up with the money)	22	0.7%
5	(DK)	2	0.1%
6	(ref)	3	0.1%
Sysmiss		125	

**FIN26: Sent domestic remittances****Data file:** micro\_chn.dta**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1064	30.4%
2	no	2427	69.3%
3	(dk)	7	0.2%
4	(ref)	2	0.1%

**FIN27\_1: Sent domestic remittances through an account****Data file:** micro\_chn.dta**Overview**

Valid: 1064 Invalid: 2436 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	947	89%
2	no	117	11%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		2436	

**FIN27C1: Sent domestic remittances in cash****Data file:** micro\_chn.dta**Overview**

Valid: 117 Invalid: 3383 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	18	15.4%
2	no	99	84.6%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3383	

### FIN27C2: Sent domestic remittances through an MTO

Data file: micro\_chn.dta

#### Overview

Valid: 117 Invalid: 3383 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	27	23.1%
2	no	90	76.9%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3383	

### FIN28: Received domestic remittances

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	1299	37.1%
2	no	2195	62.7%

3	(dk)	3	0.1%
4	(ref)	3	0.1%

### FIN29\_1: Received domestic remittances through an account

Data file: micro\_chn.dta

#### Overview

Valid: 1299 Invalid: 2201 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	1158	89.1%
2	no	140	10.8%
3	(dk)	0	0%
4	(ref)	1	0.1%
Sysmiss		2201	

### FIN29C1: Received domestic remittances in cash

Data file: micro\_chn.dta

#### Overview

Valid: 141 Invalid: 3359 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	42	29.8%
2	no	99	70.2%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3359	

### FIN29C2: Received domestic remittances through an MTO

Data file: micro\_chn.dta

**Overview**

Valid: 141    Invalid: 3359    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	49	34.8%
2	no	92	65.2%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3359	

**FIN30: Paid a utility bill**

Data file: micro\_chn.dta

**Overview**

Valid: 3500    Invalid: 0    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	2128	60.8%
2	no	1359	38.8%
3	(dk)	10	0.3%
4	(ref)	3	0.1%

**FIN31A: Paid a utility bill using an account**

Data file: micro\_chn.dta

**Overview**

Valid: 2128    Invalid: 1372    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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1	yes	965	45.3%
2	no	1153	54.2%
3	(dk)	7	0.3%
4	(ref)	3	0.1%
Sysmiss		1372	

### FIN31B: Paid a utility bill using a mobile phone

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN31B1: Paid a utility bill from an account or mobile phone for the first time after the

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN31B1\_CHINA: Paid a utility bill from an account or mobile phone for the first time since 202

Data file: micro\_chn.dta

#### Overview

Valid: 2021 Invalid: 1479 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Only used cash	262	13%
2	Used other methods, such as a card or mobile phone	1708	84.5%
3	(dk)	48	2.4%
4	(ref)	3	0.1%
Sysmiss		1479	

**FIN31C: Paid a utility bill in cash**

Data file: micro\_chn.dta

**Overview**

Valid: 107 Invalid: 3393 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	80	74.8%
2	no	25	23.4%
3	(dk)	2	1.9%
4	(ref)	0	0%
Sysmiss		3393	

**FIN32: Received wage payments**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1838	52.5%
2	no	1654	47.3%
3	(dk)	6	0.2%
4	(ref)	2	0.1%

**FIN33: Received public sector wage payments**

Data file: micro\_chn.dta

**Overview**

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

**FIN34A: Received wage payments into an account**

Data file: micro\_chn.dta

**Overview**

Valid: 1838 Invalid: 1662 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	1579	85.9%
2	no	257	14%
3	(dk)	1	0.1%
4	(ref)	1	0.1%
Sysmiss		1662	

**FIN34B: Received wage payments to a mobile phone**

Data file: micro\_chn.dta

**Overview**

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

**FIN34D: Received wage payments in cash**

Data file: micro\_chn.dta

**Overview**

Valid: 60 Invalid: 3440 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	38	63.3%
2	no	22	36.7%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3440	

**FIN34E: Received wage payments to a card**

Data file: micro\_chn.dta

**Overview**

Valid: 22 Invalid: 3478 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	16	72.7%
2	no	6	27.3%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3478	

**FIN35: Received wage payments into an account or to a phone or a card and paid higher t**

Data file: micro\_chn.dta

**Overview**

Valid: 1595 Invalid: 1905 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	324	20.3%
2	no	1262	79.1%
3	(dk)	9	0.6%
4	(ref)	0	0%
Sysmiss		1905	

**FIN37: Received a government transfer**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	466	13.3%
2	no	3023	86.4%
3	(dk)	9	0.3%
4	(ref)	2	0.1%

### FIN38: Received a government pension

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	216	6.2%
2	no	3272	93.5%
3	(dk)	9	0.3%
4	(ref)	3	0.1%

### FIN39A: Received a government transfer or pension into an account

Data file: micro\_chn.dta

#### Overview

Valid: 530 Invalid: 2970 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	yes	392	74%
2	no	135	25.5%
3	(dk)	3	0.6%
4	(ref)	0	0%

Sysmiss		2970	
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### FIN39B: Received a government transfer or pension to a mobile phone

Data file: micro\_chn.dta

#### Overview

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
Type: Discrete Width: 1 Range: \* - \* Format: Numeric

### FIN39D: Received a government transfer or pension in cash

Data file: micro\_chn.dta

#### Overview

Valid: 108 Invalid: 3392 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	18	16.7%
2	no	90	83.3%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3392	

### FIN39E: Received a government transfer or pension to a card

Data file: micro\_chn.dta

#### Overview

Valid: 90 Invalid: 3410 Minimum: 1 Maximum: 3  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	17	18.9%
2	no	71	78.9%
3	(dk)	2	2.2%

4	(ref)	0	0%
Sysmiss		3410	

## FIN42: Received an agricultural payment

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	196	5.6%
2	no	3293	94.1%
3	(dk)	9	0.3%
4	(ref)	2	0.1%

## FIN42A: Grow own crops or raise livestock

Data file: micro\_chn.dta

### Overview

Valid: 196 Invalid: 3304 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	171	87.2%
2	No	22	11.2%
3	(Both)	3	1.5%
4	(dk)	0	0%
5	(ref)	0	0%
Sysmiss		3304	

## FIN45\_1: Financially worried due to COVID-19

Data file: micro\_chn.dta

**Overview**

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

**FIN43A: Received an agricultural payment into an account**

Data file: micro\_chn.dta

**Overview**

Valid: 196 Invalid: 3304 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	114	58.2%
2	no	81	41.3%
3	(dk)	1	0.5%
4	(ref)	0	0%
Sysmiss		3304	

**FIN43B: Received an agricultural payment to a mobile phone**

Data file: micro\_chn.dta

**Overview**

Valid: 0 Invalid: 3500 Minimum: \* Maximum: \*  
 Type: Discrete Width: 1 Range: \* - \* Format: Numeric

**FIN43D: Received an agricultural payment in cash**

Data file: micro\_chn.dta

**Overview**

Valid: 27 Invalid: 3473 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	yes	21	77.8%
2	no	6	22.2%

3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3473	

### FIN43E: Received an agricultural payment to a card

Data file: micro\_chn.dta

#### Overview

Valid: 6 Invalid: 3494 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	yes	2	33.3%
2	no	4	66.7%
3	(dk)	0	0%
4	(ref)	0	0%
Sysmiss		3494	

### FIN44A: Financially worried: old age

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Very worried	513	14.7%
2	Somewhat worried	1163	33.2%
3	Not worried at all	1771	50.6%
4	(Does not apply)	34	1%
5	(DK)	6	0.2%
6	(ref)	13	0.4%

**FIN44B: Financially worried: medical cost****Data file:** micro\_chn.dta**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Very worried	903	25.8%
2	Somewhat worried	1362	38.9%
3	Not worried at all	1203	34.4%
4	(Does not apply)	23	0.7%
5	(DK)	4	0.1%
6	(ref)	5	0.1%

**FIN44C: Financially worried: bills****Data file:** micro\_chn.dta**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Very worried	490	14%
2	Somewhat worried	990	28.3%
3	Not worried at all	2000	57.1%
4	(Does not apply)	12	0.3%
5	(DK)	2	0.1%
6	(ref)	6	0.2%

**FIN44D: Financially worried: education****Data file:** micro\_chn.dta**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 6

Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Very worried	422	12.1%
2	Somewhat worried	649	18.5%
3	Not worried at all	2342	66.9%
4	(Does not apply)	83	2.4%
5	(DK)	1	0%
6	(ref)	3	0.1%

## FIN45: Financially most worried

Data file: micro\_chn.dta

### Overview

Valid: 1942    Invalid: 1558    Minimum: 1    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Old age	280	14.4%
2	Medical cost	1244	64.1%
3	Bills	151	7.8%
4	Education	226	11.6%
5	(DK)	38	2%
6	(ref)	3	0.2%
Sysmiss		1558	

## FIN45\_1\_CHINA: Financial worry

Data file: micro\_chn.dta

### Overview

Valid: 3500    Invalid: 0    Minimum: 1    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 5    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Very worried	771	22%
2	Somewhat worried	1633	46.7%
3	Not worried at all	1073	30.7%
4	(DK)	20	0.6%
5	(ref)	3	0.1%

### SAVED: Saved in the past year

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	1113	31.8%
1	yes	2387	68.2%

### BORROWED: Borrowed in the past year

Data file: micro\_chn.dta

#### Overview

Valid: 3500 Invalid: 0 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	no	1393	39.8%
1	yes	2107	60.2%

**RECEIVE\_WAGES: Received a wage payment****Data file:** micro\_chn.dta**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	received payments into an account	1595	45.6%
2	received payments in cash only	38	1.1%
3	received payments using other methods	205	5.9%
4	did not receive payments	1654	47.3%
5	dk/ref	8	0.2%

**Others**

## NOTES

This includes adults who received a wage payment in the past year.

**RECEIVE\_TRANSFERS: Received a government transfer payment****Data file:** micro\_chn.dta**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	received payments into an account	352	10.1%
2	received payments in cash only	17	0.5%
3	received payments using other methods	97	2.8%
4	did not receive payments	3023	86.4%
5	dk/ref	11	0.3%

**Others**

## NOTES

This includes adults who received a government transfer payment in the past year.

**RECEIVE\_PENSION: Received a government pension payment**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	received payments into an account	193	5.5%
2	received payments in cash only	5	0.1%
3	received payments using other methods	18	0.5%
4	did not receive payments	3272	93.5%
5	dk/ref	12	0.3%

**RECEIVE\_AGRICULTURE: Received a payment for the sale of agricultural goods**

Data file: micro\_chn.dta

**Overview**

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	received payments into an account	116	3.3%
2	received payments in cash only	21	0.6%
3	received payments using other methods	59	1.7%
4	did not receive payments	3293	94.1%
5	dk/ref	11	0.3%

**Others**

## NOTES

This includes adults who received a payment for the sale of agricultural goods in the past year.

**PAY\_UTILITIES: Paid a utility bill****Data file:** micro\_chn.dta**Overview**

Valid: 3500    Invalid: 0    Minimum: 1    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	made payments from an account	965	27.6%
2	made payments in cash only	80	2.3%
3	made payments using other methods	1083	30.9%
4	did not make payments	1359	38.8%
5	dk/ref	13	0.4%

**Others**

## NOTES

This includes adults who paid a utility bill in the past year.

**REMITTANCES: Made or received a domestic remittance payment****Data file:** micro\_chn.dta**Overview**

Valid: 3500    Invalid: 0    Minimum: 1    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	sent/received through an account	1362	38.9%
2	sent/received through an otc transaction	52	1.5%
3	sent/received in cash only	34	1%
4	sent/received using other methods	88	2.5%
5	did not send/receive	1955	55.9%
6	dk/ref	9	0.3%

**Others**

## NOTES

This includes adults who made or received a domestic remittance payment in the past year.

## MOBILEOWNER: Owns a mobile phone

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	3500	100%
2	no	0	0%
3	(dk)	0	0%
4	(ref)	0	0%

## INTERNETACCESS: Internet access

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 1 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	yes	3279	93.7%
2	no	215	6.1%
3	(dk)	3	0.1%
4	(ref)	3	0.1%

## ANYDIGPAYMENT: Made or received a digital payment

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
0	no	230	6.6%
1	yes	3270	93.4%

---

## MERCHANTPAY\_DIG: Made a digital merchant payment

Data file: micro\_chn.dta

### Overview

Valid: 3500 Invalid: 0 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
0	no	311	8.9%
1	yes	3189	91.1%

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# study\_resources

## questionnaires

### 2021 Global Findex Questionnaire

---

title 2021 Global Findex Questionnaire  
language English  
filename questionnaire\_globalfindex.pdf

---

## reports

### The Global Findex Database 2021

---

title The Global Findex Database 2021  
authors Asli Demirgüç-Kunt, Leora Klapper, Dorothe Singer, Saniya Ansar  
language English  
filename FINDEX\_2021\_report.pdf

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## technical\_documents

### Microdata Codebook

---

title Microdata Codebook  
language English  
filename globalfindex2021\_microdatacodebook.pdf

---

### Microdata update details

---

title Microdata update details  
language English  
filename microdata\_update\_details.xlsx

---

## other\_materials

### Micro 2021 Indicator Stata do-file

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title Micro 2021 Indicator Stata do-file  
language English  
filename micro2021\_indicators.do

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