

**CHINA'S EXPERIENCES IN
ESTIMATING THE INFORMAL
ECONOMY**

LIU NAN
2019/11/15, Washington DC

OUTLINE

- 
- Definition of the informal economy in China
 - Observable informal economy
 - Unobserved informal economy
 - What's next

DEFINITION OF THE INFORMAL ECONOMY IN CHINA

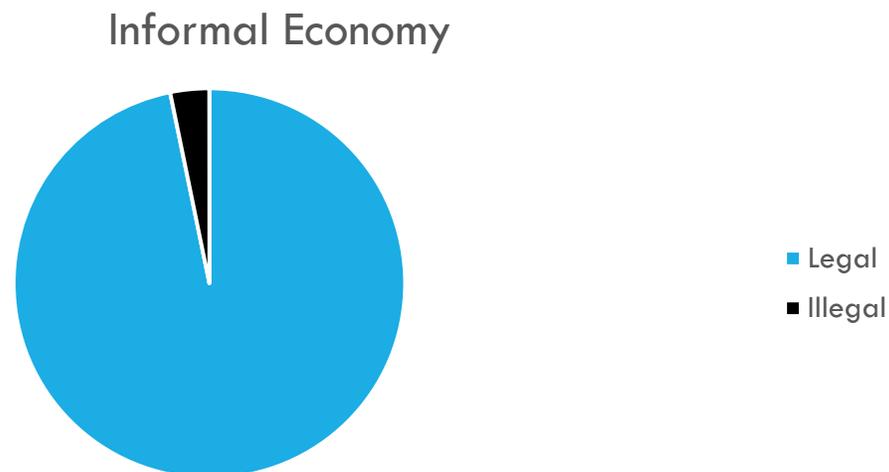
In the actual accounting of China, the informal economy mainly refers to the economic activities of units or individuals that are not registered in the government regulatory authorities.

- (1) Low organizational level, small scale.
- (2) Operating under conditions of low capital and low level technology.
- (3) Most of the employees are in the state of unstable employment and lack of social welfare protection.
- (4) Not registered in the regulatory authorities.

INFORMAL ECONOMY AND ILLEGAL ECONOMY

Informal economy and illegal economy are of two different categories.

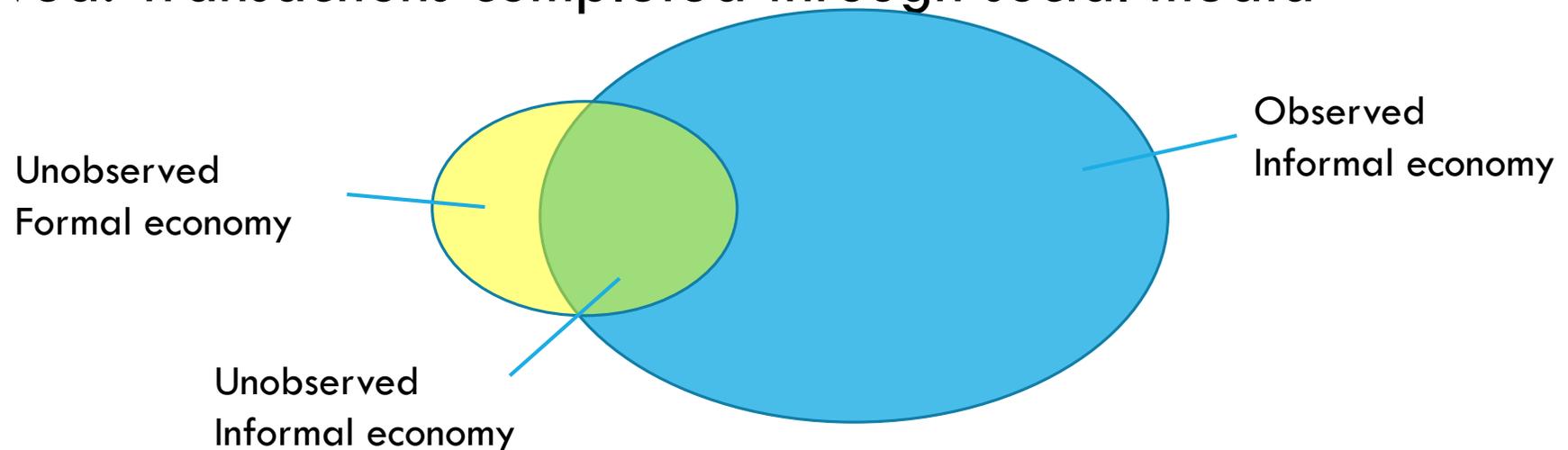
At present, in the accounting of China, we usually only consider **legal** informal economic activities.



INFORMAL ECONOMY AND THE UNOBSERVED ECONOMY

Informal economy and the unobserved economy are also of different categories.

- ✓ Observed: Most of informal economic activities
- ✓ Unobserved: Transactions completed through social media



OBSERVED INFORMAL ECONOMY

- ✓ Street vendors and other informal activities

Base on the data from the economic census every five years

- ✓ transactions base on the e-commerce platforms

Retail service, Transportation service, Accommodation services, and Households and business services

Base on the Internet economic statistics system (IESS)(2018)

RETAIL SERVICE

Survey of E-commerce Trading Platforms

To Enterprises
B2B+B2G

To Individuals
B2C+C2C

Services

Goods



二、平台交易情况

指标名称	计量单位	代码	Total		对单位 (B2B+B2G)				对个人 (B2C+C2C)				
			Total		商品		服务		商品		服务		
			1- 本季	1- 上年同期	1- 本季	1- 上年同期	1- 本季	1- 上年同期	1- 本季	1- 上年同期	1- 本季	1- 上年同期	
甲	乙	丙	1	2	3	4	5	6	7	8	9	10	
平台交易额	万元	05											
1. 按平台性质分:													
自营电子商务销售额	万元	06											
自营电子商务采购额	万元	07											
非自营电子商务交易额	万元	08											
2. 按卖方所在地区分:													
北京	万元	09											
天津	万元	10											
...											
新疆	万元	39											
境外	万元	40											
3. 对境外销售商品或提供服务的金额	万元	41											
平台交易服务费	万元	42			-	-	-	-	-	-	-	-	-
互联网广告收入	万元	43			-	-	-	-	-	-	-	-	-

- Trading volume.
- By characteristics of internet platform:
 - Sales of proprietary platform
 - Purchases of proprietary platform
 - Trading volume of Non proprietary
 - By location of seller:
 - Beijing
 - Tianjin
 - ...
 - Xinjiang
 - RoW
 - Sales volume of goods and services provided RoW.
- Service charge on platform.
Ad revenue.

TRANSPORTATION SERVICE

Survey of Internet based Transportation Platform

Trading Volume

Order Volume

一、平台交易情况

指标名称	代码	交易额 (万元)		订单数 (单)	
		本期	1-本期	本期	1-本期
甲	乙	1	2	3	4
网络预约交通服务	01				
其中: 网络预约出租汽车	02				
巡游出租车 (通过网络预约)	03				
公交巴士 (7座以上客车)	04				
其中: 自有车辆	05				
网络车辆租赁服务	06				
其中: 1. 机动车	07				
其中: 小型汽车	08				
公交巴士	09				
其中: 自有车辆	10				
2. 非机动车	11				
其中: 自行车	12				
网络代驾服务	13				

Network reservation transportation services
 Among: Online Booking Ride
 Regular Taxi
 Customized Bus
 Among: Vehicles Platform Own
 Internet Based Transport rental Services
 Among: 1.Vehicle
 Among: Car
 Bus
 Among: Platform Own
 2.Non-Vehicle
 Among: Bicycle
 Network driving Services



ACCOMMODATION SERVICES

Survey of Short-Term Housing Rental Platforms

指标名称	码	transaction Volume		Order Volume		Online Housing Resources		Number of Rented Nights		Number of Landlords		Number of Lodgers	
		1-本期	1-上年同期	1-本期	1-上年同期	1-本期	1-上年同期	1-本期	1-上年同期	1-本期	1-上年同期	1-本期	1-上年同期
甲	乙	1	2	3	4	5	6	7	8	9	10	11	12
全国	01												
北京	02												
上海	03												
南京	04												
苏州	05												
杭州	06												
厦门	07												
青岛	08												
武汉	09												
广州	10												
深圳	11												
重庆	12												
成都	13												
西安	14												

By region



HOUSEHOLDS AND BUSINESS SERVICES

Survey of Education Internet Platforms

重点互联网教育平台基本情况

指标名称	计量单位	代码	本期	1-本期
甲	乙	丙	1	2
在线教育交易额	万元	01		
其中：1.按教育类型分：	—	—	—	—
高等教育	万元	02		
中小学教育	万元	03		
学前教育	万元	04		
职业教育	万元	05		
特殊教育	万元	06		
党政教育	万元	07		
2.按课程主题分：	—	—	—	—
课辅类教育	万元	08		
艺术类教育	万元	09		
语言类教育	万元	10		
技能类教育	万元	11		
其他	万元	12		
3.按地域分：	—	—	—	—
境内教育	万元	13		
跨境教育	万元	14		
在线学习人次	人次	15		
提供授课服务的教师数	人	16		

Trading volume of online courses

Among: 1.By type

Higher education

Primary&Secondary

education

Preprimary education

Vocational education

Special education

Party education

2.By theme

Course guidance

Art

Language

Skill

Others

3.By region

Domestic

Cross-border

Number of students

Number of Teachers

HOUSEHOLDS AND BUSINESS SERVICES

指标名称	计量单位	代码	本期	1-本期
甲	乙	丙	1	2
互联网医疗交易额	万元	01		
预约诊疗(在线挂号)	人次	02		
在线医疗咨询人次数	人次	03		
在线处方	单	04		
远程会诊人次数	人次	05		
期末注册用户数	个	06	--	
月度活跃用户数	个	07	--	
实际提供服务的医生数	人	08	--	

Trading volume of Health care on internet
Reserving hospital register
Online consultation
Online prescription
Remote group consultation
Number of registered users at the end of period
Monthly active users
Number of doctors online

HOUSEHOLDS AND BUSINESS SERVICES

Survey of Network Audio-Visual Program Service Development

各地区网络视听节目服务发展情况

Network Audio-Visual Program Services Income

Service Income

User payment

Program copyright

地区	代码	服务收入情况		
		网络视听节目服务收入 (万元)	网络视听用户付费收入	网络视听节目版权收入
甲	乙	1	2	3
全国	01			
北京	02			
天津	03			
...	...			
新疆	32			

By region

UNOBSERVED INFORMAL ECONOMY



Happy New Year! The goods are shown in the chart, call me at any time.



WHAT'S NEXT

- ✓ Improving the Internet economic statistics system.

Distinguish informal transactions from all the transactions based on the Internet platform.

- ✓ Try to capture the unobserved informal economy.

Transactions based on the social media or personal relations

- ✓ Improving estimation method of informal economy.

Try to estimate unobserved informal economy