

# The statistics of labor force and informal employment in China

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# 1.Labor force statistics in China

- Labor force survey (LFS) (monthly)
- Population census (decade, years end of 0 )
- 1% population survey (decade, years end of 5)
- 1‰ population survey (annual)
- Economic Census (years end of 3 and 8)
- Wage statistics
- Employment registration

## The application of population census and survey

- Provide structure of population: age, gender, rural and urban, area
- Census make a large sample statistics in labor force
- Forecast the population, include population of production age
- Provide population used for weighting

## 2. Employment data of China, 2014

- Total Employment: 772.53million
- Employment in urban area: 393.10 million, 50.6%
- Migrant workers from rural area:  
273.95 million. with annual growth rate 1.6%.  
168.21 million or 61.4% work outside of their hometowns ;  
105.74 million or 38.6% work in their hometowns .
- The registered unemployment rate in urban areas 4.09%.

## Population data of China, 2014

- The total population: 1367.82million.
- The aged 16-59: 916 million,67.0%.
- The aged 60+: 212 million,15.5%.
- The aged 0-15: 240 million,17.5%.
- Urbanization rate is developing steadily: 54.77%.
- Migrant population continues to grow: 253 million.

### 3. Labor force survey in China

- History of LFS in China
- 2005 First LFS combined with 1% population survey
- 2006-2008 national semi-annual LFS
- 2009-2012 national semi-annual LFS and 31 capital city monthly LFS
- 2010 10% survey combined with population census
- 2013-2015.6 national annual LFS and 65 big city monthly LFS
- From 2015.7 national monthly LFS

### The purpose of LFS in China

- Reflecting employment status
- Monitoring economic operation
- Adjusting macro-economic policies
- Improving employment services
- Improving people's livelihood.

## Sample size of LFS in China

- Monthly survey: 120,000 families
- Samples are rotated in monthly surveys: at the ultimate sampling unit level only
- Percentage of ultimate sampling units remaining in the sample for two consecutive survey rounds: 80%
- Maximum number of times an ultimate sampling unit is interviewed: 5

## Conductor and Object of LFS in China

- Conduct in charge: NBS and regional statistical bureaus
- Objects of the survey:
  - Households interviewed: Family households, Collective households
  - Persons enumerated: those aged 16 and above who lives in the households they register and who have left the registered area less than half a year.
- Reference period: 7 days preceding the reference time

## Indicators of LFS in China

- Content: Households H1-H5, Respondents F1-F29
- International standards adopted
- Main index: labor force participation rate, Employment to population ratio, unemployment rate, duration of unemployment, hours of work weekly, etc.

## LFS of China

- Sample design:
  - Stratified two-stage PPS sampling .
  - Sampling frame: based on the population census
  - NBS takes samples of villages and provincial bureaus select the ultimate sampling units—family groups (4 adjacent families )
- The regional stratification of China:  
province→city→county→town→village→ family

## LFS of China is improving:

- PDA has been adopted from 2014.
- Data quality has been the focus.
- Sample size will enlarged from 2015.7
- More indicators are included in new questionnaire

## 4.Situation of Informal employment in China

- Not yet official definition and result published by NBS of China
- There are some related indicators in LFS, population census, population survey, etc
- Some academic research has been made base on surveys above.
- Many improvement have been made (especially in LFS, new questionnaire includes many indicators about informal employment )
- The research about Informal employment will go deeper

## Related indicators in new LFS questionnaire

- F15.How long have work at present job?
  1. With 3 months
  2. Above 3 months

## Related indicators in new LFS questionnaire

- F16.What kind of entity do you belong?
  1. Government Agencies and Organizations
  2. State-owned enterprise
  3. Collective enterprises
  4. Individual business
  5. Private enterprise
  6. Foreign enterprise
  7. Other enterprise
  8. Farming land
  9. Other



## Related indicators in new LFS questionnaire

- F17. Which kind of status is your status in your enterprise?
  1. Employer
  2. Employee
  3. Self-employed
  4. Family helper

## Related indicators in new LFS questionnaire

- F18. Have you sign a contract with your enterprise?
  1. Yes, sign a fixed term contract (how long?)
  2. Yes, sign a non-fixed term contract
  3. No.

## Related indicators in new LFS questionnaire

- F19. How much do you earn by your main job?

\_\_\_\_\_ yuan