QNA by Production Approach in China

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# Outline

1. The current QNA approach
2. Data sources
3. Classification
4. Seasonal Adjustment
5. Revision and release policy
6. QNA improvement progress
The current QNA by production approach

- QNA by production approach
- From 1992
- 40 economic activities, but only release 9 industries
- Set up the relationship between indicator and benchmarks
  - Benchmarks = value added
  - Base on growth rate of indicator
Data sources

Selection of Indicators

Sources from statistical Office
s.t Industrial enterprise survey data, wages, revenue...

Administrative data
s.t transport volumes, tax, fiscal revenue, loans and deposits

Price indicators

PPI, CPI components, retail price index, housing sales index, land trading index, wage index
**Classification**

**Agriculture, Forestry, Animal Husbandry and Fishery**

**indicator:** values/quantities
- Actual harvest data
- The survey data of agriculture, animal husbandry, forestry and fishery

**Sources:** NBS

**Price:**
- Agriculture product index
Classification

Industry for Mining, Manufacturing Production and Supply of Electricity, Gas and Water

**indicator:** values/quantities
Industrial enterprise survey data, including up-scale and below-scale
Main product quantity data

**Sources:** NBS

**Price:** PPI
Gross output of construction enterprises

Sources: NBS

fixed capital investment price index
Transport, Storage and Post

**indicator**: values/quantities
- transport volumes by railway, road, water line and airline
- The volume of post services
- Service turnover
- Tax data

**Sources**: MOC, MIIT, NBS, SAT

**Price**: CPI components
**Classification**

**Wholesale and Retail Trade**

**Indicator:** values
- Retail sales
- Wholesale sales

**Sources:** NBS

**Price:** Retail price index
**Classification**

**Hotels and Catering Services**

**indicator:** values
- Turnover of star hotels
- Catering turnover above-scale

**Sources:**
- NBS

**Price:**
- CPI components
Financial Intermediation

**Indicator**: values/quantities
- Loads and deposits
- Premium revenue
- Stock turnover

**Sources**: NBS, PBC, CIRC, CSRS

**Price**: CPI components, fixed capital investment price index
Classification

Real Estate

**indicator:** values/quantities
- Commercial housing sales
- Wages
- Owner-occupiers service

**Sources:** NBS

**Price:**
- Housing sales price index
Other services

**Indicator**: values
- Wages
- Operating revenue
- Tax data

**Sources**: NBS, SAT

**Price**: CPI components
Public Management and Social Organizations

**Classification**

**indicator**: values
Fiscal expenditure data

**Sources**: MOF

**Price**: CPI components
Seasonal Adjustment

NBS Software

Chinese special holiday
spring festival
tomb-sweeping day
mid autumn day
...

Golden weeks
May, October
Revision and release policy

- The first estimation
- The second estimation
- The final estimation

Press conferences, bulletins, English website, yearbook

http://www.stats.gov.cn/english/
The current QNA by production approach and improvement progress

• **Drawback**

  It is calculated by accumulated estimation, not discrete estimation can not satisfy SDDS requirement Different from international practice.

• **QNA improvement progress**

  Plans begin from 2013
  Carry out at 2015