



中国的统计教育和培训

Statistical Education and Training in China

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按照统计教育培训的受众对象，分为四个方面
According to subjects of the statistical education and trainings, they can be divided into 4 categories

政府统计系统20万人+20万人: official statistical system covers 200,000 people ,villages and towns and the employed assistant surveyors 200,000

统计从业人员：数以百万计
millions of statistical practitioners

社会公众统计知识普及
the popularization of statistical knowledge

国际统计培训
international statistical training



一、政府统计系统统计人员培训

Trainings to Statisticians in Official Statistical System

中国政府统计机构统计人员20万人，
乡镇统计人员、聘用的辅助调查员20
万人。

There are 200,000 official statisticians,
statisticians of villages and towns 、 and the
employed assistant surveyors 200,000 .





政府统计系统统计人员培训

Trainings to Statisticians in Official Statistical System

- 在政府统计系统采用应知应会+拓展提高两个模块，其中应知应会为从事政府统计工作所必备的基本知识，由N+X组成。
- Two modules of indispensable basic knowledge + development are adopted in official statistical system, which refer to N+X



政府统计系统统计人员培训

Trainings to Statisticians in Official Statistical System

N —— 2-4门通用的基础知识；

X —— 专业统计知识。

N refers to 2 to 4 universal basic knowledge;

X refers to professional statistical knowledge.



怎样实现N+X?

How to realize N+X?



Trainings to the personnel of county statistical offices: 2+1



Trainings to personnel of municipal statistical offices: 3+1



Trainings to personnel of provincial statistical offices: 4+1



Trainings to assistant surveyors



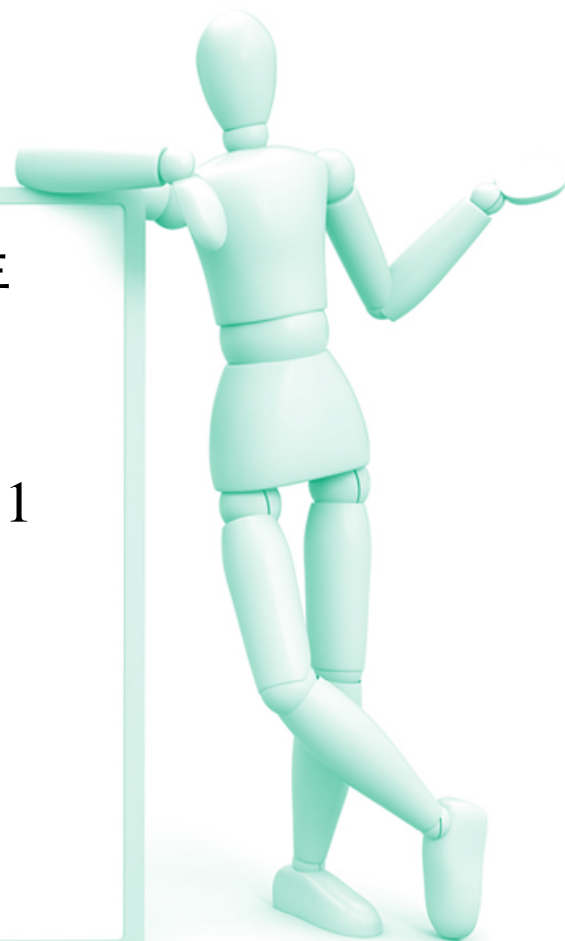


二、统计从业人员培训

Trainings to Statistical Practitioners

中国统计年鉴数据表示，2013年
全国法人单位数已达1100万个。

By the end of 2013, there have been 11
million legal entities in China.





对这部分统计从业人员采取两种形式的培训。

To part of the statistical practitioners, we adopt 2 forms of training.

统计从业资格
考试认定

The Affirmation by
Statistical
Competence Test

继续教育
开设课程

Further Education
& Provide Courses



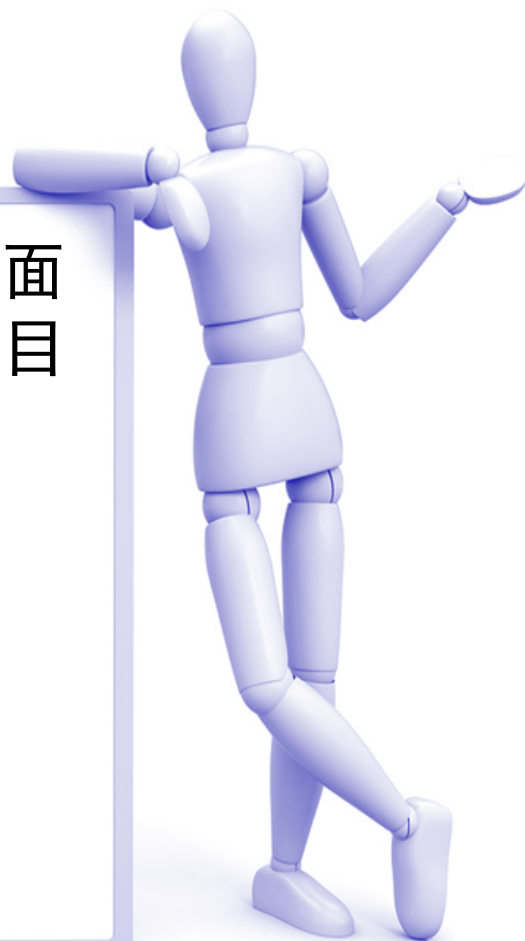
三、社会公众统计知识普及

The Popularization of Statistical Knowledge to the Public

这是统计教育培训工作中涉及面最大、人数最多的一个群体。目前我们从四个方面开展工作。

Among the statistical education and trainings, this work covers the biggest scale and involves the most personnel.

Currently, we conduct the work from 4 aspects.





三、社会公众统计知识普及

The Popularization of Statistical Knowledge to the Public

1 Adding the basic statistical knowledge to the textbooks of primary and secondary school

2 Statistical Module Contest is held to college students

3 Popularizing statistical knowledge to government leaders at various levels

4 Popularizing statistical knowledge to the public





中小学数学课中加入统计基础知识

Adding the basic statistical knowledge to the textbooks of primary and secondary school



统计与可能性

任意摸一个球,可能是什么颜色的球?

每次摸出1个球,再放回口袋,一共摸40次。

先估计一下,红球和黄球可能各摸到多少次。再把每次摸得的结果用画“正”字的方法记录下来,一画表示1次,一个“正”字表示5次。

摸球结果记录表

红球	
黄球	

你能把记录的结果填在下面的统计表里吗?

摸球结果统计表

	合计	红球	黄球
次数			

统计的结果和你的估计差不多吗?你发现了什么?在小组里交流。

90

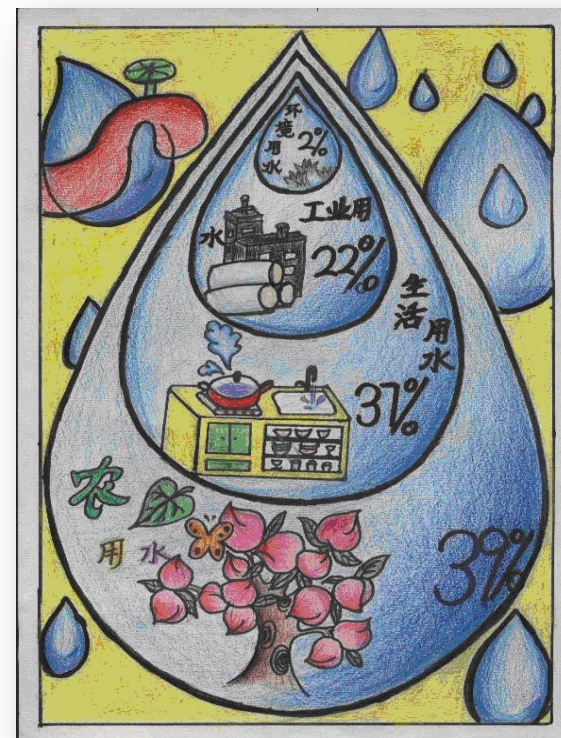


中小學生統計圖表大賽

Statistical Chart Contest of Primary and Middle School Students

讓統計思維植根於中小學生的頭腦中。

To make statistical thinking embedded in students' mind.





统计建模大赛

Statistical Module Contest

- Statistical Module Contest is held to college students :

大学生统计建模大赛

Held the national college students' statistical modeling contest every two years , About 3000 people attended every two years.

每两年进行一次，参赛人数约3000人



统计建模大赛

Statistical Module Contest

For 2013: The "environment" is the theme of the competing papers, participants should be combined with their own professional field and research direction for your entry papers selected specific name, must be with the "environment" in the title or subtitle this keyword

2013年参赛论文以“环境”为主题，入选的参赛者要将“环境”主题结合到自己的专业和研究方向



对政府领导干部统计知识普及

Popularizing Statistical Knowledge to Government Leaders

- Popularizing statistical knowledge to government leaders at various levels:

Basic knowledge of statistics, the main contents of national accounts as a compulsory course of training

- 对各级政府领导干部统计知识普及指统计基础知识，如国民核算作为培训必修课



对公众统计知识普及

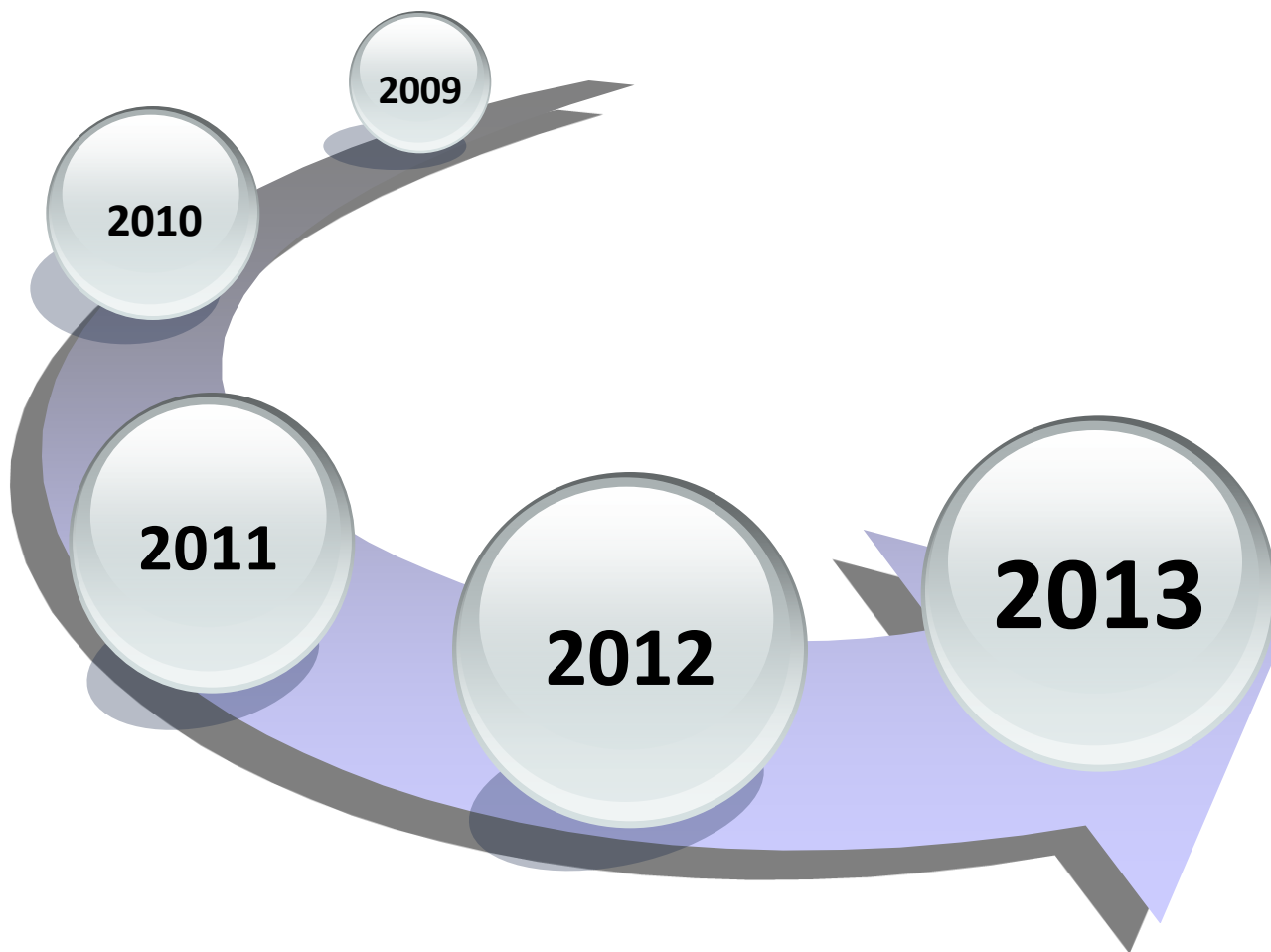
Popularizing Statistical Knowledge to Public

- Popularizing statistical knowledge to the public :
 - Statistical Open Day activities held once a year
 - Statistics of science popularization:
 - What is production data?
 - What is CPI?
 - 统计开放日
 - 统计知识普及：数据是如何产生的，CPI是什么



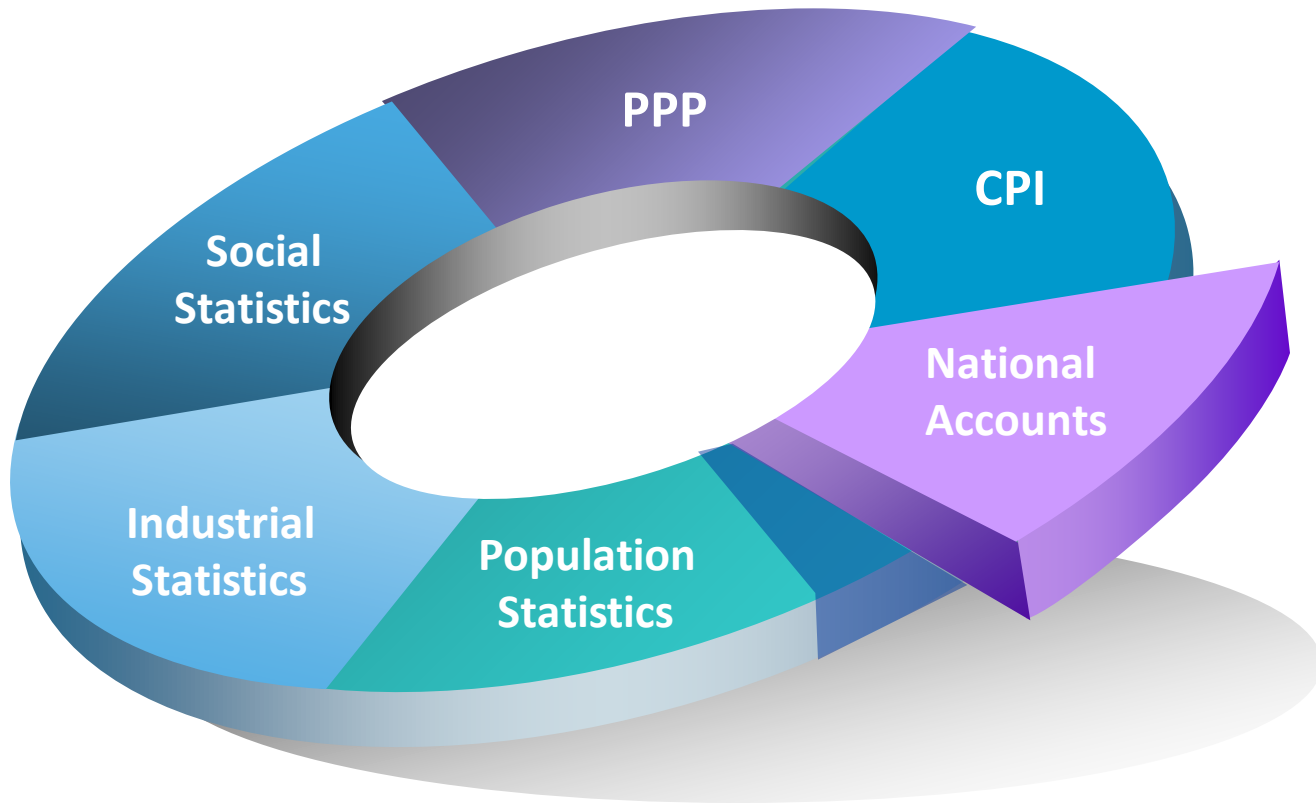
四、积极开展国际统计培训

Actively Conducting International Statistical Trainings



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Actively Conducting International Statistical Trainings





四、积极开展国际统计培训

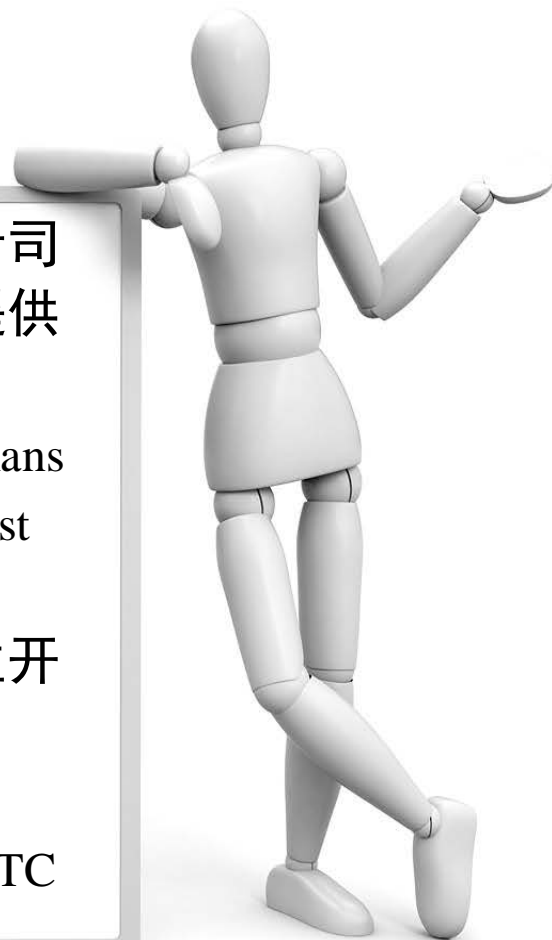
Actively Conducting International Statistical Trainings


1. 设立信托基金项目，与联合国统计司共同为发展中国家统计统计人员提供培训

Cooperating with UNSD to train statisticians of developing countries by setting up Trust Fund

2. 建立中国国际统计培训中心，自主开展国际统计培训

Independently carrying out international statistical workshops by establishing CISTC





中国国际统计培训中心—联合国统计合作中心
国际统计培训活动介绍

**Introduction to International Statistical Training
Activities**

China International Statistical Training Center in
Collaboration with UN Statistics (CISTC)



Background

- 1.To reform and develop Chinese Statistical system
- 2.To build modern and internationalized statistical system



Goal of CISTC

1. To strengthen cooperation and communication among developing countries and regions in Asia-pacific
2. To promote the international statistical standards regulated by the United Nations and other international organizations (including methods of collecting basic data)
3. To promote the improvement of the official statistics capacity




中国国际统计培训中心成立过程

Establishment of CISTC

1. 签署协议：2009年7月22日、北京
联合国统计能力开发信托基金协议


Signature of Agreement: 22 July 2009, Beijing
UN Trust Fund Agreement on Statistical
Capacity Development



中国国际统计培训中心成立过程

Establishment of CISTC

2. 签署意向书：2010年10月20日、上海
中国国家统计局和联合国统计司关于
开展国际统计培训合作意向书、中国国际统
培训中心—联合国统计合作中心揭牌仪式
- 20 October 2010, Shanghai, World Expro
Signature of letter of intent of collaboration on
international cooperation in statistical training
between NBS and UNSD, and inauguration
ceremony of CISTC establishment.



中国国际统计培训中心成立过程

Establishment of CISTC

3. 签署备忘录 2011年1月12日 北京

中国和联合国关于国际统计培训合作谅解备忘录

Signature of MOU of understanding on international cooperation in statistical training between China and UN, 12 January 2011, Beijing



培训活动所围绕的中心工作

Targeted Work of Training Activities

组织研讨班、培训班和国际论坛 Organizing International Workshops and Forums





Workshops Organized by CISTC

Starting Time	Finishing Time	Place	Duration (Day)	Subject	Affiliation	Domestic Trainee	Foreign Trainee	Total
25 Apr	29 Apr	Shenzhen	5	Measuring GDP by Final Demand	UN Trust Fund	54	26	80
7 May	9 May	Hangzhou	3	International Comparison Program	Independent	78	16	94
25 May	27 May	Beijing	3	Construction and Development of Business Register	Independent	59	16	75
29 June	1 Jul	Beijing	3	Time Use Statistics	Independent	11	17	28
29 Aug	31 Aug	Beijing	3	Price Indices for Real Estate	Independent	117	13	130
24 Oct	28 Oct	Beijing	5	International Trade Statistics	UN Trust Fund	126	40	166
24 Oct	28 Oct	Beijing	5	Seasonal Adjustment	Independent	46	0	46
28 Nov	2 Dec	Beijing	5	System Development and Information Technology	Independent	70	0	70
26 Mar	30 Mar	Beijing	5	Household Income, Consumption and Full Accounting of the Household Sector	UN Trust Fund	63	21	84
15 May	17 May	Nanjing	3	Management of Statistical Public Relation under New Media Circumstance	Independent	91	0	91
22 Aug	24 Aug	Beijing	3	Data Quality Control in Household Survey	Independent	66	15	81
Total						781	164	945



International Forum Organized by CISTC

Starting Time	Finishing Time	Place	Subject	Affiliation	Domestic Trainee	Foreign Trainee
27 Sep	29 Sep	Beijing	Monitoring National Development: Issues and Challenges	UN Trust Fund	24	69

进行资源开发 构建信息交流平台

Resources Development and Constructing Information Exchange Platform



China International
Statistical Training
中国国际统计培训网

HOME CHINESE

Workshops | Resources | News | Photos | Videos



System Development and Information Technology
(28 November – 2 December, 2011)

This training was part of the second session of the China - Canada Information Management Programme (SIMP II), and its training contents closely connected with the requirement...



Seasonal Adjustment
(24-28 October, 2011)

During the workshop, Mr. Brian C. Monsell and Mr. Xichuan (Mark) Zhang made presentations on such subjects as Non-seasonal and Seasonal ARIMA models. [MORE](#)



International Trade Statistics
(24-28 October, 2011)

This seminar was a follow-up activity of the International Forum on Trade Statistics that organized by UNSD and Eurostat in February 2011 in Geneva. [MORE](#)



Monitoring National Development
(September 27-29, 2011)

This forum was mainly looking at the topics of Monitoring Economic Development, Monitoring Social and Environment Developments and Statistical Capacity. [MORE](#)

Photos



Workshop on System Development and Information Technology
International Workshop on Seasonal Adjustment
International Trade Statistics
Monitoring National Development

Videos



Workshop on System Development and Information Technology
International Trade Statistics

News

Li Qiang attended the Workshop on System Development and Information Technology and Made Important Remarks

NBS invited four experts on statistics and information technology from Statistics Canada to lecture in the Workshop on System Development and Information Technology in Beijing from November 28th to December 2nd. (17 December, 2011)

- Li Qiang attended the Workshop on System Development and Information Technology 12-17-2011
- Regional Seminar on International Trade Statistics Opened in Beijing 11-08-2011
- Announcement of Regional Seminar on International Trade Statistics 10-14-2011
- International Workshop on Price Indices for Real Estate was held in Beijing 10-14-2011
- Announcement of the International Workshop on Housing Prices 08-02-2011

Resources



- Workshop on System Development and Information Technology 2011-12-17
- International Workshop on Seasonal Adjustment 2011-11-23
- Regional Seminar on International Trade Statistics 2011-11-08

Workshops

- System Development and Information Technology
Beijing • China • 28 November – 2 December, 2011
- Seasonal Adjustment
Beijing • China • 2011.10.24-28
- International Trade Statistics
Beijing • China • 2011.10.24-28
- Monitoring National Development: Issues and Challenges
Beijing • China • 2011.09.27-29
- Price Indices for Real Estate
Beijing • China • 2011.08.29-31
- Understanding the Economic Contributions of Women and Men
Beijing • China • 2011.05.29-7.1
- Business Register
Beijing • China • 2011.05.25-27
- International Comparison Program (ICP)
Hangzhou • China • 2011.05.09-11

Links

International Agencies



Workshops

- Starting from June 2009, China International Statistical Training Centre in collaboration with UN Statistics held 33 international (regional) workshops, such as:
- Measuring GDP by Final Demand,
- Trade Statistics and Social Statistics,
- International forum: “Population Census: Review and Prospect”, and “Monitoring National Development: Issues and Challenges”.



Trainees

- Up to end of 2013, 2324 participants attend 33 workshops and forums
- Including 1651 professional backbones from Chinese government and 573 officials from 59 developing countries and 21 international organizations
- 100 international experts invited.



Focus of the workshops

- mainly focused on the key issues and difficult points of the development and reform of China's statistics,
- laying particular emphasis on the practice and applications of statistics,
- encompassing statistics standards, definitions and new technologies



Topics of the workshops

- GDP account
- Consumer Price Index (CPI)
- Housing Price Statistics
- Construction and Application of Business Register
- Seasonal Adjustment Model
- International Comparison Program (ICP)
- Time Use Statistics
- Industrial Statistics
- Trade Statistics



Output

- The domestic and international experts and the statisticians jointly discussed the existing conditions, difficulties and technical problems in official statistics, and put forward solutions
- Promoted the integration of China's statistics with the internationally universal principles
- Effectively promoted the official statistical capacity.



国际培训活动的的作用

Impacts of International Training Activities

- 有效提升了中国和亚太地区其他发展中国家官方统计能力

Effectively improved official statistical capacity of China and other developing countries in Asian – Pacific region

- 促进中国统计和世界统计的交流，提高了中国统计的国际地位

Improved exchange between China's statistics and international statistics, promoted the status of China's statistics around the world



Expectation

- Sincerely welcome you to China to visit CISTC and participate in our workshops
- To develop CSF and TNA
- To build resource person database
- To share information with SIAP and other STIs
- To strengthen regional cooperation and coordination, to exchange work plan of statistical training in the region



谢 谢！

Thank you!