

# **NEEDS, MARKET AND POLICIES - PT IN CHINA**

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# Brief Introduction

- Delegation
  - This is the first time that CNAS sends delegation to participate in this meeting.
  - The delegation is formed by 4 people, 2 are from PT providers and others are from CNAS.
- CNAS
  - The unique accreditation body in mainland of China;
  - Responsible for accreditation of Labs, IBs, RMPs, PTPs and CBs;
  - On behalf of mainland of China to take part in the international accreditation activities.
- My resume on PT
  - Involved in PT since 1997;
  - Responsible for PT since 1998;
  - As a member of ILAC/PTCG since 2006;
  - As a member of APLAC/PT Committee since 2006;
  - As 2 WGs' convener of APLAC/PT Committee since 2010.

# CONTENT

- General
- Needs
- Market
- Policies
- Problem and challenge
- conclusions

# GENERAL

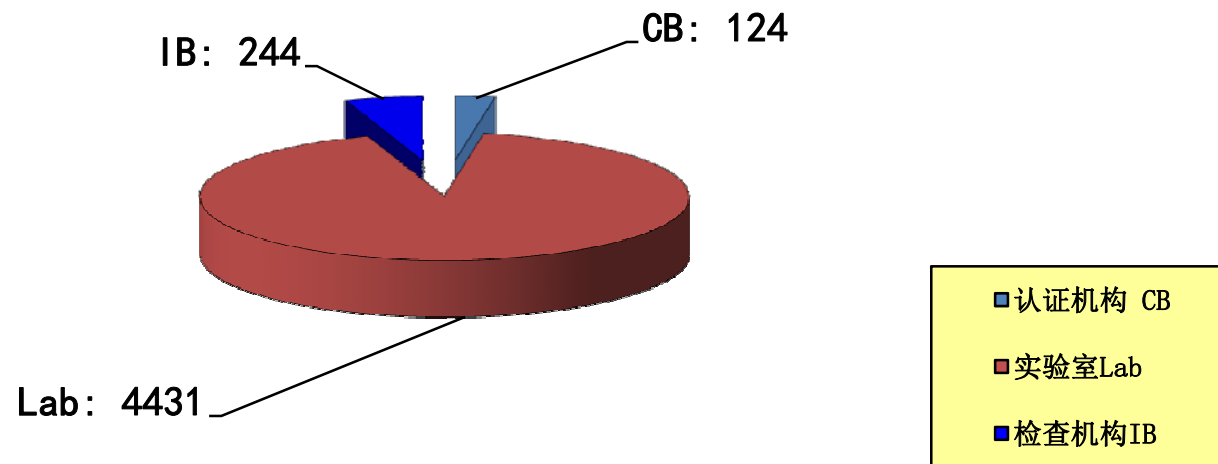
- More and more need for PT is blooming as a result of requirements from accreditation and administration, and also from the strengthening quality awareness of the labs.
- In order to meet the needs above, CNAS has
  - developed a series of policy on PT;
  - made great efforts in various works, including organization of PT schemes, reinforcement of measurement audits, etc;
  - built up the accreditation program for PT providers at the 2000 and provides the accreditation service;
  - promotes the PT to CABs in our country continuously for increasing their quality assurance level.

# NEEDS

- Accompanied by increasing attention to testing results, more and more laboratory seek the accreditation. The need for accreditation brings the need for PT.
- More and more ministries require labs to participate in PT as an important supervision tool. Such regulatory requirements further incent the need for PT.
- The increasing attention on the testing results rouses the awareness of labs and IBs, to enhance the quality themselves. The awoken awareness also forms the great need for PT.

## Current status of CNAS accreditation

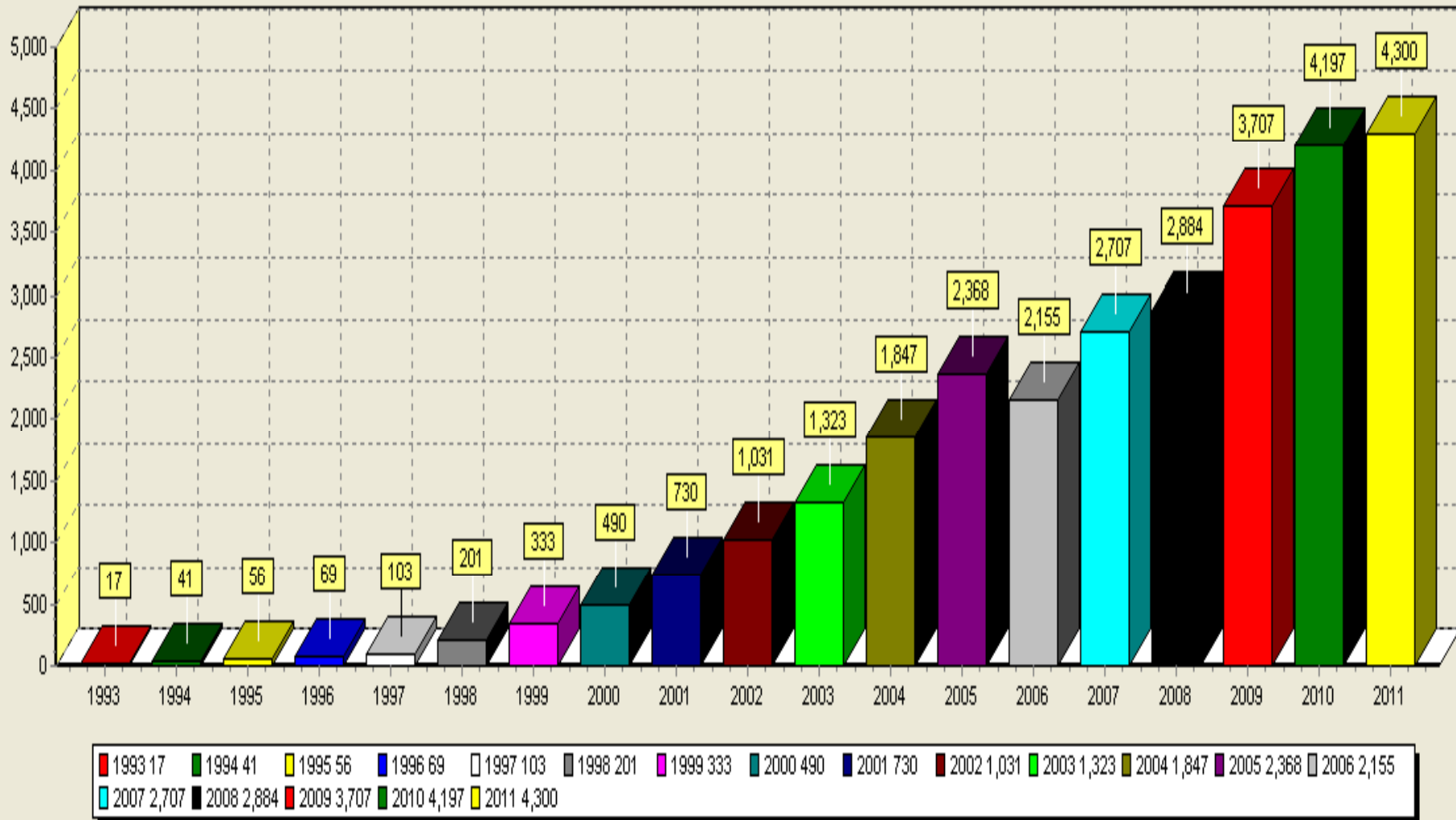
Distribution chart of different types of bodies accredited by CNAS (as to 31 Mar, 2011)



**How many laboratories in China?**

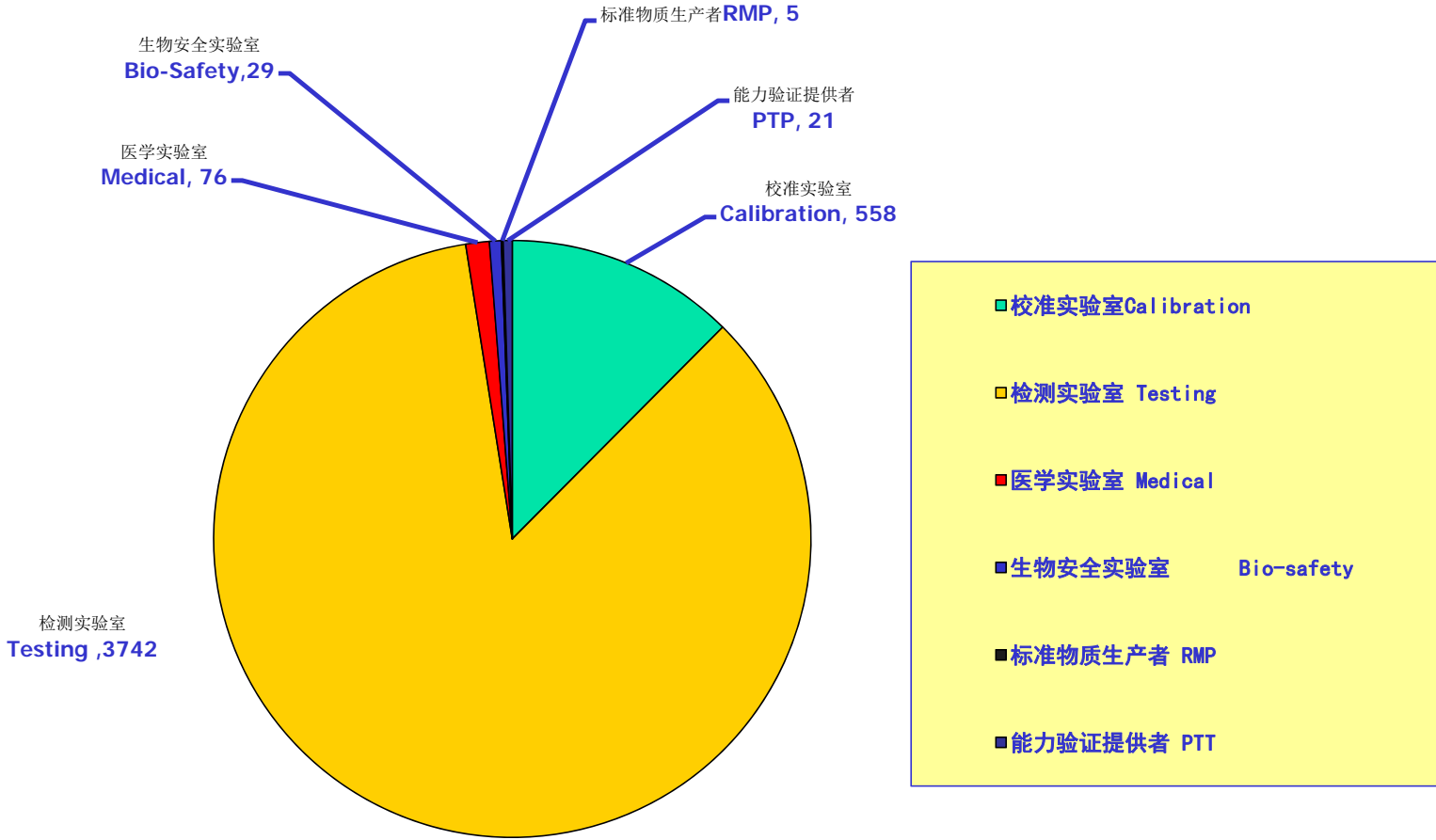
# Annual Growth Chart of Number of Testing and Calibration Labs Accredited by CNAS

CNAS认可实验室年度增长图



# CNAS认可的实验室领域分布图（截至2011年03月31日）

## Field Distribution Pie-Chart of Labs Accredited by CNAS





## Needs from Administrations

- CNAS has run the PT schemes in cooperation with ministries and associations to assist their administration.
  - Ministries:
    - Public Security (in forensic)
    - Justice (forensic)
    - Industry & Informatization (IT)
    - Agriculture (manure, feeds, foods, tobacco)
    - AQSIQ (tests, quarantine, inspections, calibrations)
  - National associations:
    - Mechanics, petroleum, light industry, textile, etc.

# MARKET

- Confronted the PT needs as above, the resources of PT providers become a new unavoidable problem, CNAS has launched much study, and formulated policies with opening minds, to meet the PT needs of laboratories and inspecting bodies.
- Although government has played the key role in the boost of PT needs, however, as an accreditation body, CNAS has defined the PT as a marketing activity, and tried the best to coordinate the relation between regulating body.

**Big needs could create a big market**



# POLICIES

- Under the pre-condition of meeting to international requirements and taking consideration of the needs from labs and inspection bodies, CNAS developed its own policy on PT. In this way, the policy formed the requirements to applicants and accredited CABs.
- Meanwhile, some ministries and the industrial associations put forward their own requirements on PT.

# Status quo on PT policy



- CNAS RL02: Rule of PT
  - Requirements for organizing and running the PT;
  - Requirements for participating PT (AL07);
  - Policy on recognition of outside PT (AL08);
- CNAS AL07: Sub-area and Frequency of PT
- CNAS AL08: Requirements and list of application material for seeking recognition from CNAS
- CNAS RL06: Rule of Accreditation for PTP
- CNAS CL03: criteria of Accreditation for PTP
- Inner procedures and working instructions

## Problems and Challenge in the PT and PTP Accreditation

- The provision of PT is still insufficient to needs;
- PTPs need to realize the professional and occupational;
- Poor experts and assessor, lacking of experience on PT, affect the quality of PT schemes;
- consciousness of labs for participating in PT needs to promote.



# CONCLUSION

- There are many new methods of PT need to be studied in the future, in order to improve the development of PT, to make full use of quality assurance from PT, and to meet the needs from CABs and other stakeholders.
- It is a long way for us to realize them gradually. The widely exchange and cooperation are very important.

不积跬步, 无以至千里  
No steps, no a long  
distance



**WORK TOGETHER**

Thanks for your attention  
&  
question?

# Contact...

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