



Xiamen University · Institute of Education

The Vocational Ability of College Students in China

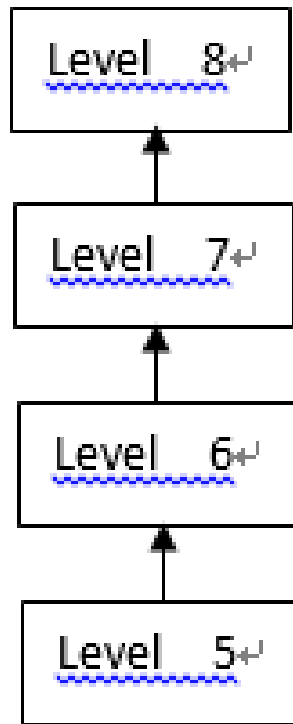
Kang Min

2018年7月1日

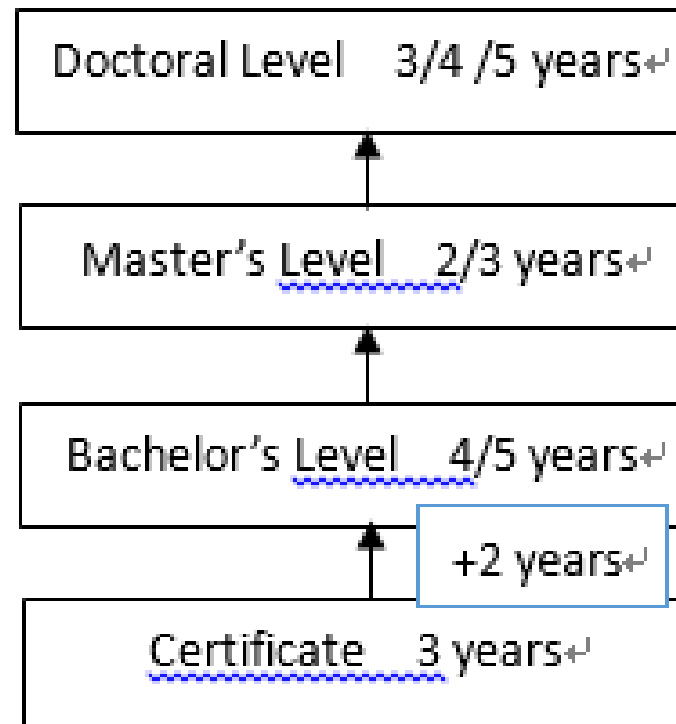
Outline

- Education System in China
- An Empirical Study of Higher Vocational Education

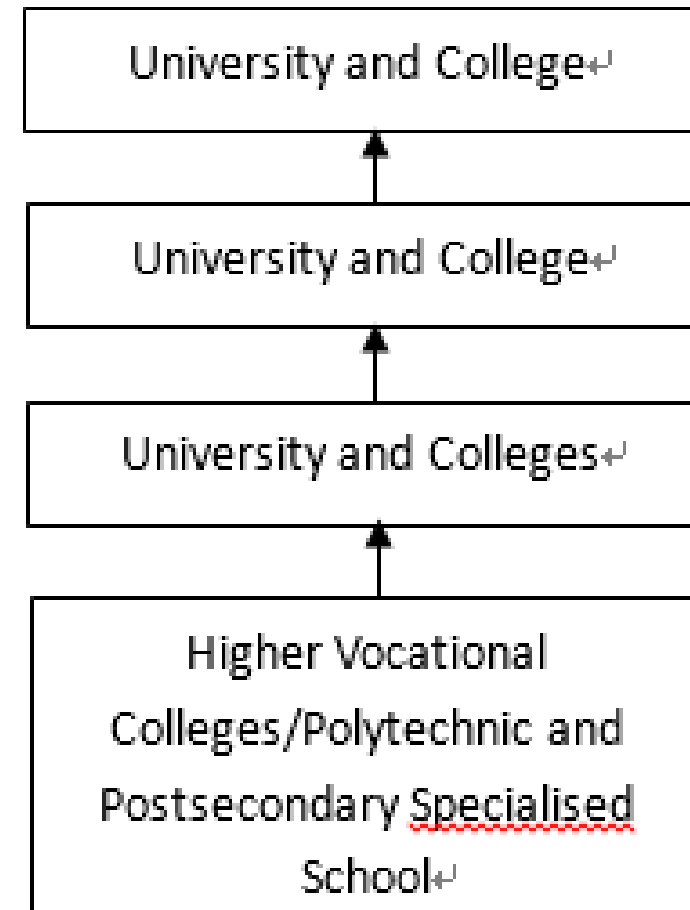
Education System in China



UNESCO



Higher Education System

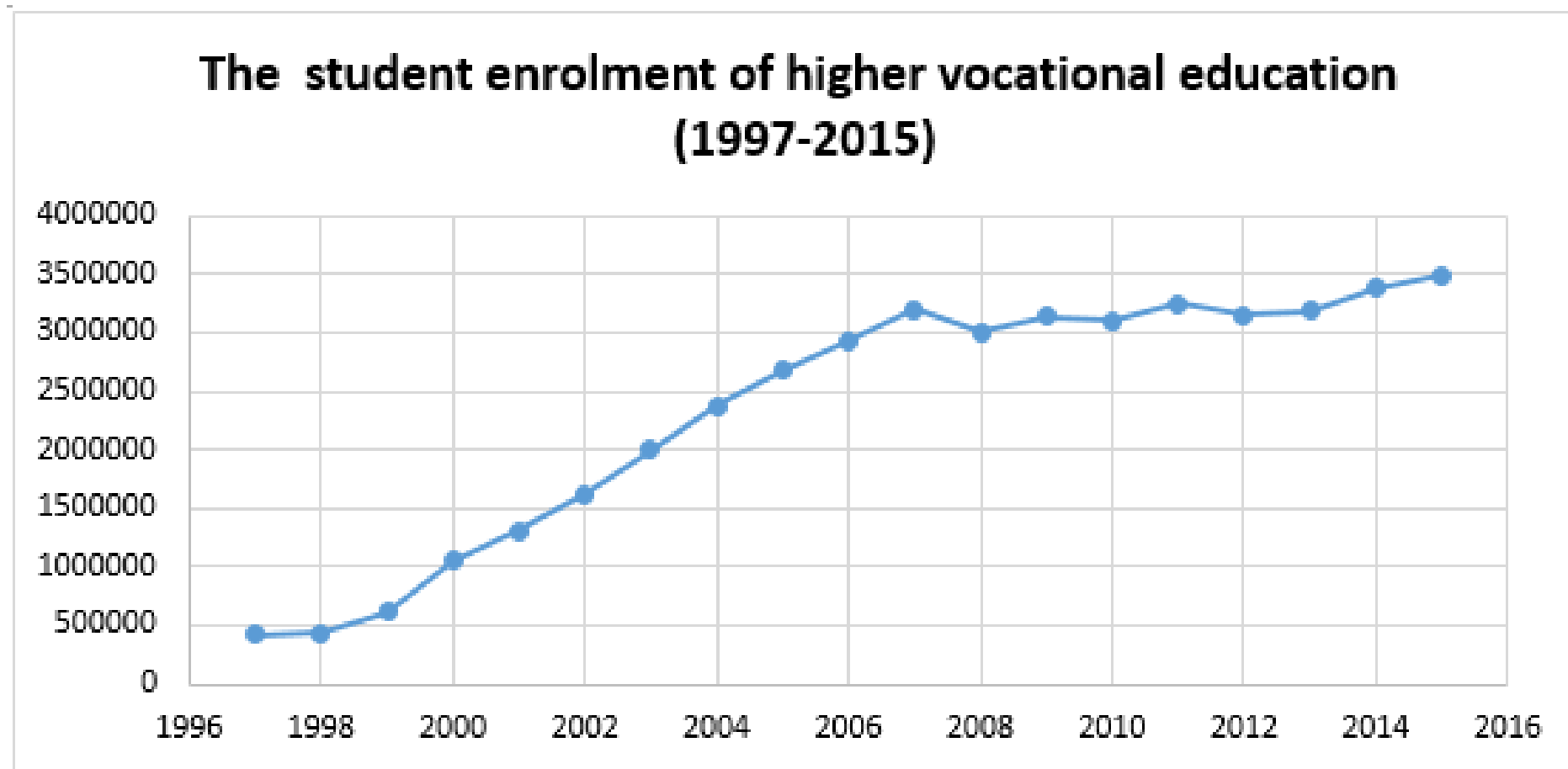


Higher Education Institutions System

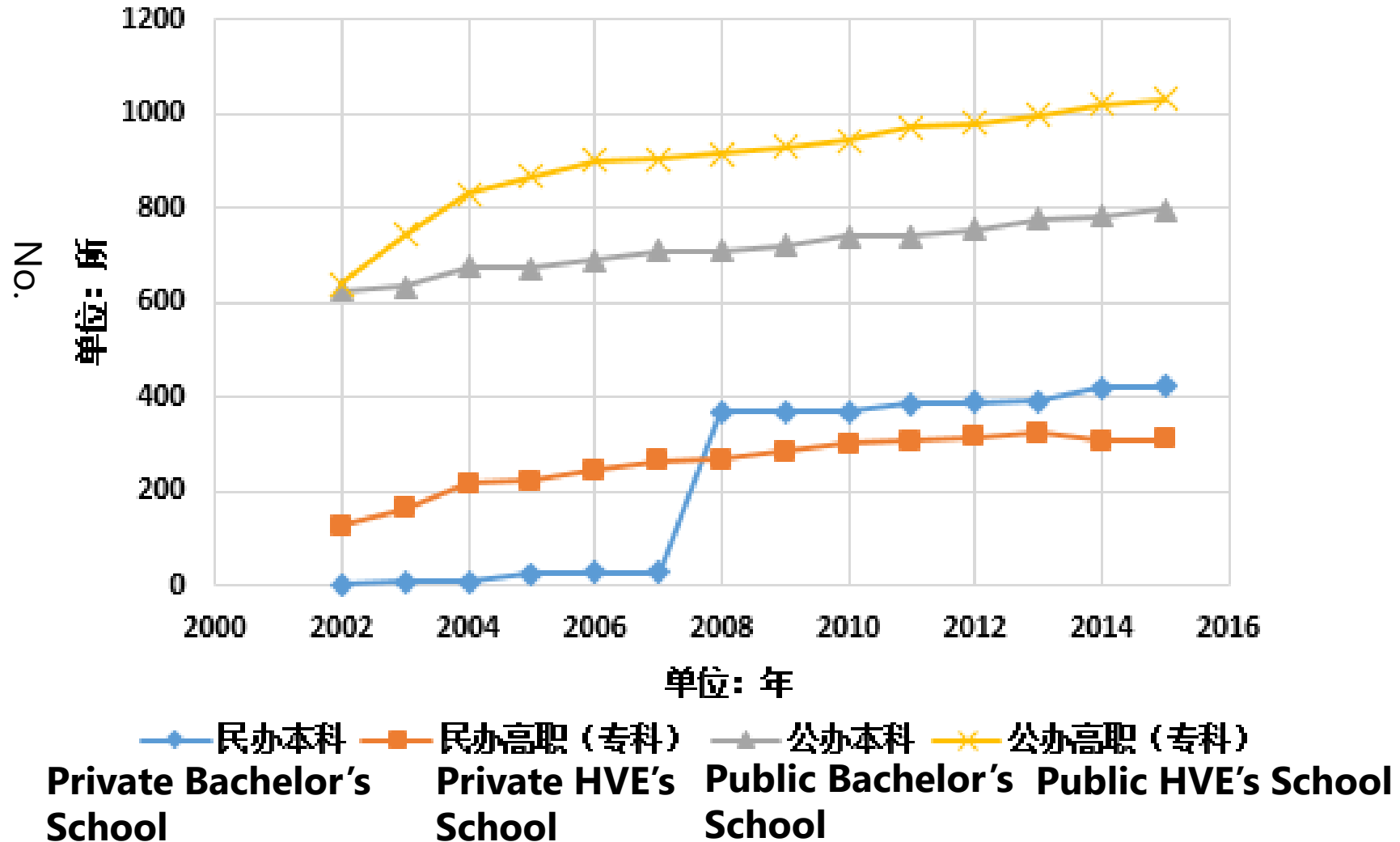
Education System in China

- **We are in the stage of massive higher education.**
- **The gross enrolment rate of HE is 42.7% in 2016.**
- **The scale of HE students is 36,990million.**

Education System in China



Education System in China



Education System in China: Transfer by Examination

There are two lines to transfer

■ General Education

- General College Entrance Examination
- Only for graduating students
- 3+2

■ Adult Education

- **Adult College Entrance Examination**
- **Requirement: At least certificate of Postsecondary Specialised Education**
- **4 ways :Self-taught Examination; Adult College Entrance Examination; Online Education; The Open University**

A Study: Background

- **The transformation of economic structure and challenges of manufacturing in China**
- **The policy of *The Plan of Modern Vocational Education System Development(2014-2020)* calls for strengthening of scientific literacy, technical thinking and practical capacity education**
- **Vocational education is an important part of *Education for All* and focusing on people's role in the career**
- **Demand of students, a study of USA in 2006(George D. Kuh, et al.) : two years junior college students pursue diverse development goals, 41 per cent want job-related skills, 40 per cent want self-promotion**

A Study: Definition of concepts

- **Definition of ability**

- the use of knowledge in a particular case (broadly speaking, to cover information, understanding, skills, values and attitudes) and to meeting demand.

- **Definition of vocational ability (job oriented, three parts)**

- **Professional ability** includes basic knowledge and skills for a certain job.
- **Core ability** refers to the ability to migrate outside the profession, and is a common ability required by any profession.
- **psychological ability** is a key factor in maintaining vocational development and self-development

A Study: Findings

- A cluster analysis of total professional capacity scores could be divided into higher, medium and lower groups, with a higher score of 49.17 %, a moderate group of 45.83 %, and a lower group of 4.58 %.

Table 1 Vocational ability of higher vocational students

Factors	Number	Minimum value	Maximum value	Mean value	Standard deviation
Core ability	2400	1	6	4.621	0.887
psychological ability	2400	1	6	4.600	0.908
Professional ability	2400	1	6	4.452	0.909
vocational ability	2400	1	6	4.558	0.732

A Study: Findings

- the higher vocational students' professional ability has the highest evaluation value and the lowest evaluation of professional practice skill.
- The cooperation is the highest evaluation of the core ability and the lowest evaluation is empathy ability.
- Anti-setback ability is the highest in psychological ability is the highest evaluation of, positive optimistic mentality evaluation is lowest.



Thank you!

Kang Min 2018年7月1日