

© Kamla-Raj 2011  
 PRINT: ISSN 0972-0073 ONLINE: ISSN 2456-6802

Anthropologist, 13(2): 103-106 (2011)  
 DOI: 10.31901/24566802.2011/13.02.05

## **Geographic Variation of Stature in Chinese Youth of Age 18+**

**Zhang Ying-Xiu\* and Wang Shu-Rong\*\***

*\*Shandong Center for Disease Control and Prevention, 16992 Jingshi Road Jinan,  
 China 250014*

*Telephone: 86-0531-82679709; Fax: 86-0531-82679708 ;*

*E-mail: Sdcdczyx@163.Com*

*\*\*Shandong Blood Center, 22 Shanshidong Road, Jinan, China 250014*

*Telephone: 86-0531-88520015, Fax: 86-0531-88520015;*

*E-mail: plwangshurong@163.com*

**KEYWORDS** Stature. Geographic Distribution. Youth. China

**ABSTRACT** The data is derived from a national survey on students constitution and health carried out by the government in 2005 in China. A total of 20707 subjects, 18-year-olds from 30 provinces and municipalities in China participated in this study. The differences of mean values of stature among different areas were compared. The 30 provinces and municipalities were divided into three groups: higher, middle and lower stature region. A map of stature distribution among Chinese youth was made, higher stature region is distributed mainly over the area around Bohai sea, north-east China and eastern coastal areas, and lower stature region is distributed mainly over the south of China. There was statistically significant correlation between the average stature of youth and the local GDP per capita, per capita annual consumption of eggs and average annual temperature. There were significant differences among districts in China. This difference is related to the local geographical conditions, socio-economic environment and genetic factors.