

# A New Research on Proceeding China Provinces GDP & Doctor-Graduate Numbers Changes Analysis through Sustainability

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Article History	Abstract
Original Research Article	<p><i>The exportation goods will be included in total GDP(gross domestic product) value with a certain rate as a tertiary industry, so the more exportation goods kinds and amount will determine one nation's tertiary achievement partly. With regards to the more exportation kinds &amp; amount will help us to attain the increasing GDP content because the more surplus can be gained by us. Thereby, the foreign exportation &amp; importation total amount may represent one nation goods positively active status that may help our GDP amount to increase with high degree. With producing more high-technique product our those kinds product can wield more and more influence on the entire GDP's high-technology products with their industrial chains getting more completeness and maturity skill for making high-end and green ones sustainably. Therein, we need to grasp the whole procedure skills as soon as early because it may create more high-quality and low-cost ones at final. On the other hand, the cities GDP can reflect those big urban with first-line, second one even third one will become an important effectiveness to the provinces even the nation, which let us emphasize their potential entities like metropolitan Beijing Shanghai Guangzhou &amp; Shenzhen cities whose GDP value may record the highest scale for us to estimate and work there since there will be more opportunities and money to earn and invest. Shanghai &amp; Shenzhen stock exchange center will exhibit huge monitor to express the stock index change for many of us to consider its money chance. At the same time, there must be many talents to join the work position at the high-end-product making manufacturer after they finished the subject education with certain skills recruited by maker human resource department in famous factories. So that we need to continue to support them especial in AI and automatic equipment that may bring up many new experiences to follow the global developed field for making more innovation product like family robot factory one and store one etc. many occasions for the more convenient applications and payment machine in big malls.</i></p> <p><b>Keywords:</b> proceeding China provinces GDP; doctor-graduate numbers changes analysis; new research.</p>
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<p><b>Copyright © 2026 The Author(s):</b> This is an open-access article distributed under the terms of the Creative Commons Attribution 4.0 International License (CC BY-NC) which permits unrestricted use, distribution, and reproduction in any medium for non-commercial use provided the original author and source are credited.</p> <p><b>Citation:</b> Run Xu, &amp; Boyong Hur. (2026). A new research on proceeding China provinces GDP &amp; doctor-graduate numbers changes analysis through sustainability. <i>UKR Journal of Multidisciplinary Studies (UKRJMS)</i>, 2(4), 48-52.</p>	

## 1. Introduction

The nations & regions GDP will represent their comprehensive strength in views of economy level and quality, so searching it may have an important effectiveness for us to process statistic with the national producing amount every month, season and year. In the meantime, the value with y-y has also a significant meaning that reflects the economy growth step because we should clarify the increasing change so as to evaluate the increasement and declination value precisely. The positive y-y value may mean the good and rapid economy developing status whilst the minus one may state the bad and slow

economy step. So we judge the economy developing enhancement and decrease through that y-y value for a certain period. Thereby, the detail discussion will include in the following aspects. The GDP which indicates national economic status has provided an important role in every aspect in the world. So that the population increasing rate would be maintained for the sake of raising high-technique product with the entire industrial chain constantly which might enhance our new-quality-productivity. Hence we should consider the effective factors for example the population quantity, new

quality productivity with high-technique etc. like big plane electric vehicle battery AI robot quantum computer medicine making disease diagnosis AI(artificial intelligence), ocean source space exploration nuclear generator 5G communication etc. other ones. Low population enables to offer high life & quality with improving GDP per capita value. Meanwhile, it can enhance the national whole GDP value and help us to boost the economic recovery and many things to do. So the certain population is about to improve our national confidence some degree and make us to become priority one as early as possible even the super-country to lead the world to leadership right.

In contrast, the GDP increasing rate may play a significant role with regulating population increasing rate mutually and cooperatively. Hence the two aspects may be emphasized and paid attention to in thriving the whole national economic developed degree through enough wielding our generations positively and efficiently by our government institution endeavor and evaluation. For the sake of making relevant policies and allocating capital into the necessary industries the corresponding strategic plan needs to be made under various background and entities. Then the according monitor and estimation will be followed and estimated periodically and frequently by the observer in government's institution. At last as to the developed speed in one nation the corresponding population increasing quantity and high-technique product producing will be discussed and considered more precisely and correctly according to the near past years experience and variation. [1~25]

## 2. Discussions

### 2.1 Chinese provinces GDP comparison

The Chinese provinces GDP analysis might show 59 & 48 billion dollars by Heilongjiang & Jiangxi provinces accordingly in 2004 in terms of Figure 1 to exhibit their moderate economy strength. The y-y value might show about 7% & 10% by them exhibited their forwards developed steps.

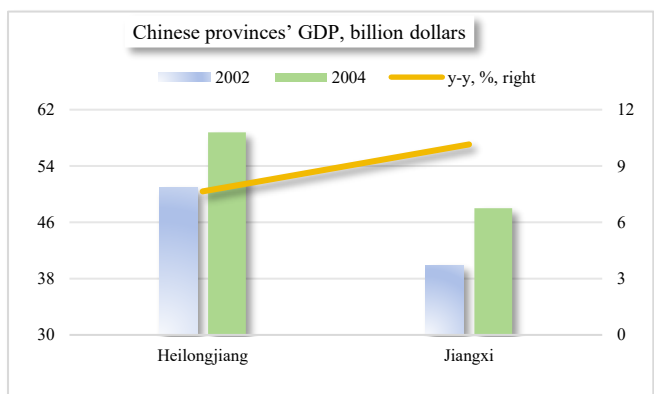


Figure 1 The Chinese provinces GDP analysis. [1]

The Chinese provinces GDP analysis might show 59 & 48 billion dollars by Xinjiang & Hainan provinces accordingly in 2004 in terms of Figure 2 to exhibit their moderate economy strength. The y-y value might show about 8% & 5% by them exhibited their forwards developed steps.

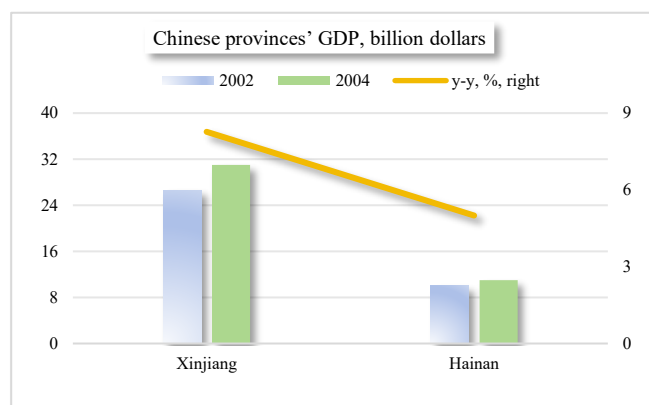


Figure 2 The Chinese provinces GDP analysis. [1]

Meantime, the Chinese provinces GDP analysis might show 43 & 35 billion dollars by Chongqing & Jilin provinces accordingly in 2004 in terms of Figure 3 to exhibit their moderate economy strength. The y-y value might show about 8% & 4.6% by them exhibited their forwards developed steps.

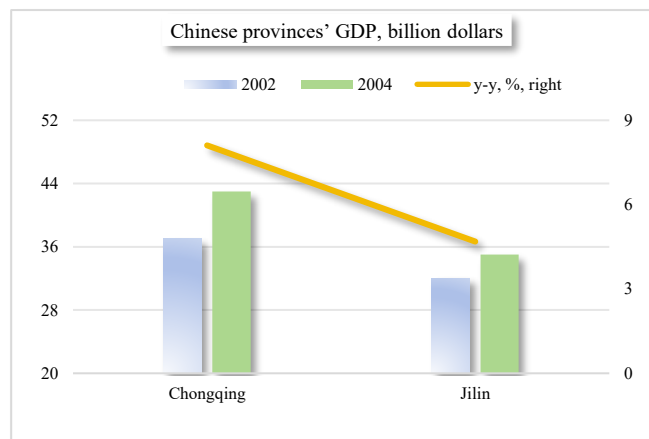


Figure 3 The Chinese provinces GDP analysis. [1]

At the end, the Chinese provinces GDP analysis might show 59 & 48 billion dollars by Liaoning & Beijing provinces accordingly in 2004 in terms of Figure 4 to exhibit their forwards economy strength. The y-y value might show about 5% & 9.8% by them exhibited their forwards developed steps.

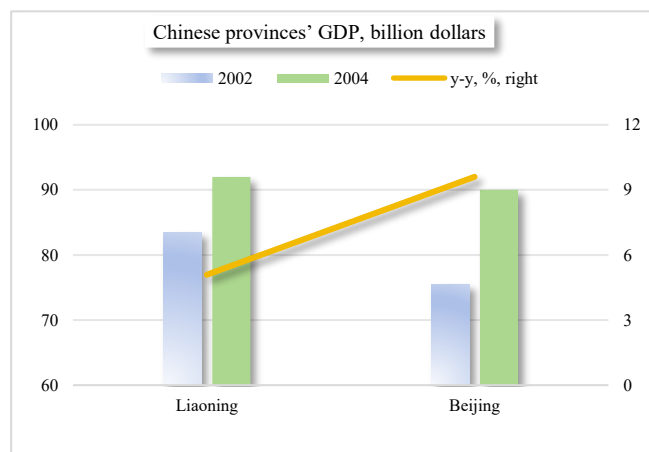


Figure 4 The Chinese provinces GDP analysis. [1]

## 2. 2 Doctor-graduate numbers changes

The doctor-graduate in school analysis in China might show 33~67 ten thousand in 2015~2024 accordingly in light of Figure 5 to exhibit the increasing trend gradually year by year.

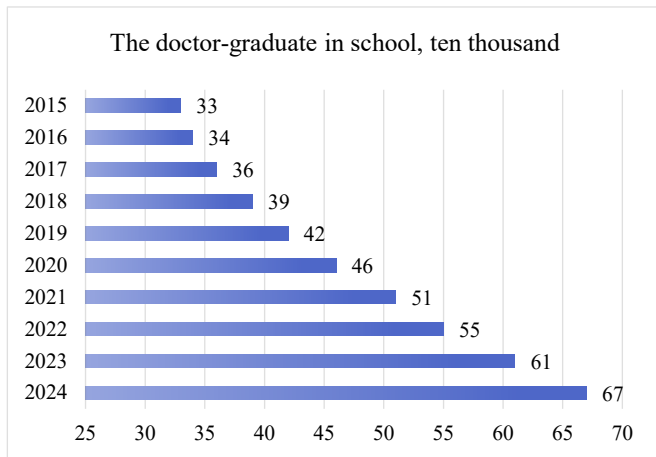


Figure 5 The doctor-graduate in school analysis in China. [1]

The enrolling doctor-graduate analysis in China might show 7.4~17 ten thousand in 2015~2024 accordingly in light of Figure 6 to exhibit the increasing trend gradually year by year.

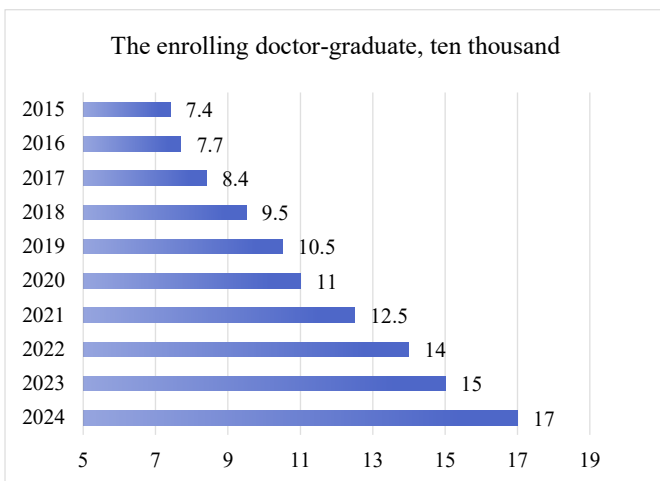


Figure 6 The enrolling doctor-graduate analysis in China. [1]

Moreover, the average for doctor in school & enrolling might realize 46.4 ten thousand & 11.3 ten thousand within 2015~2024 ten years. The times between them would attain 0.24 explained its general status in China. At the same time, those values may be exceeded after 2020~2024. Summarily, the GDP with Chinese province and nation comparison can make our economy level to become high so the high-technique skill and experience may occupy the main factor to push our society forwards continuously for the sake of realizing modernization as early as possible. Meantime, the making capacity will be completed with modern industrialization for scale launching at all. We should also regulate the consumption expenditure and activity for thriving the economy situation forwards while

the foreign trade exportation and importation will finish the foreign money accumulation for us to use in necessary and urgent moment. The regional variation needs to be balanced through “west electricity & east transit” and “east algorithm & west calculating” etc many factors. At the end, the Guangdong, Jiangsu, Shandong, Zhejiang having high GDP provinces will be learned carefully and study its background can help us to learn many useful methods to develop our modest provinces as soon as possible.

## 3. Conclusions

The GDP can be repenting the past economy goodness or badness that is calculated by experts according to the economy activities in one region within a certain time. So that it has an important economics factor for us to grasp through comparing with other regions for the sake of finding the advantage and disadvantage to know the variation between regions and time. There will be many aspects to consider like foreign trade, high-tech making capacities and agriculture machinery from the tertiary industry to first industry. Foreign trade as an tertiary one may play big role presently, then the high-technique making capacities will become main pillar, finally the agriculture machinery automation can wield its high grain making amount and quality. With regards to developing the high-technique product the artificial intelligence may expose its capacity gradually in product making workshop, canteen ingredient transit, and agriculture poultry farm etc. many aspects. So it is believed that the more and more product procedures will be transformed into actual technology pushing the modernization and industrialization sustainably and constantly. If the high-technology level becomes high the more scale producing efficiency may exhibit and completion that contributes to our society at all. On the other hand, the cities GDP can reflect those big urban with first-line, second one even third one will become an important effectiveness to the provinces even the nation, which let us emphasize their potential entities like metropolitan Beijing Shanghai Guangzhou & Shenzhen cities whose GDP value may record the highest scale for us to estimate and work there since there will be more opportunities and money to earn and invest. Shanghai & Shenzhen stock exchange center will exhibit huge monitor to express the stock index change for many of us to consider its money chance. At the same time, there must be many talents to join the work position at the high-end-product making manufacturer after they finished the subject education with certain skills recruited by maker human resource department in famous factories.

## Ethic Declarations

The authors declared that there were not conflicts of interest.

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