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A Study on China Provinces & Japan Counties GDP Analysis and Nations Generating Electricity Amount by Sustainability

Run Xu

Gyeongsang National University, School of Nano New Materials Engineering, Jinju-Si 52828, Gyeongnam, Korea(Rep)

***Corresponding Author**: Run Xu

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Abstract

As we know the GDP(gross domestic product) can reflect the defined region economic status and level, it must be studied carefully and prudently by our experts and scientists in order to arouse people awareness for the better life and comfortable live. So that those scientists may look at the corresponding economy data and they may propose the suggestions and make a mathematical model to compare and simulate the consequences through reviewing value, furthermore they can forecast the future developed value for us to infer its results. On the other hand, the high-tech product is able to increase the GDP ratio gradually according to developing situation presently. It is to believe that the ratio will raise a certain one in near future because it has high-knowledge &high-science factor within knowing it to producing it from the transfer of laboratory to factory. So that the new product enables to exhibit in its market after it was made in a factory continuously through using our scientist and engineers behaviour positively. We must encourage the high-tech proceeding engineers etc. who will transform the idea stimulus into the searching behaviour in lab with other researchers through acquiring a certain project from the funding so as to erect the experience and knowledge after several years that makes the sample into product entering current market to complete the receiving the order and transiting the cuisine to customers. That will be said that automatic changing to artificial intelligence one in order to promote the time and efficiency at all through the huge change said "let it do" changed to "it can do". We should continuously enhance its function and upgrade it &make its stability that means it can undergo a long time to serve as a like humanoid robot that may sometimes exhibit in our canteen as an automatic and artificial intelligence one to save some money while promoting its quality and efficiency concept.

Keywords: *innovation; China provinces &Japan counties GDP analysis and Nations generating electricity amount; research.*

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 decreasement 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 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 rights.

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. [1~15]

2. Discussions

We should learn and develop relevant project and subject to reveal the core one after their phenomena. Then we master that technique to apply to that kind of substance making ability through the engineers and scientists transformed to the R &D(research &development) department in makers. Therein, a sample will change into launch product by us to search for which may bring out new functional precise and quick responding to our request up to now. We should go on developing our similar functional equipment continually. At the same time, the scientists could complete defined projects through expending several years in universities and institutions for the sake of acquiring their high degree and some experiences for them continuously to process those cutting-edge-field projects independently and cooperatively. Thereby, we should foster and find them from the relevant activities like contest and achieved papers in high-impact-factor journal etc. We should need many of those experts level talents from universities' activity and mathematical contest who may occupy the top ten ones with excellent level score.

2.1 Nations generating electricity amount

The nations generating electricity amount between India & Saudi Arabia might show 258~73 TWh accordingly in 1988 to express India strong generating electricity capacity in light of Figure 1. The y-y value might indicate 11% &9% accordingly explained their forwards steps.

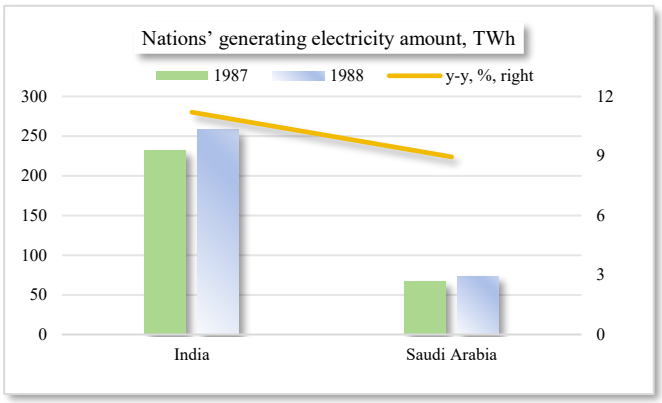

Figure 1 The nations generating electricity amount between India &Saudi Arabia. [1]

At the same time, the nations generating electricity amount between China &Soviet Union might show 567~1,070 TWh accordingly in 1988 to express Soviet Union strong generating electricity capacity in light of Figure 2. The y-y value might indicate 8.8% &1.2% accordingly explained their forwards steps.

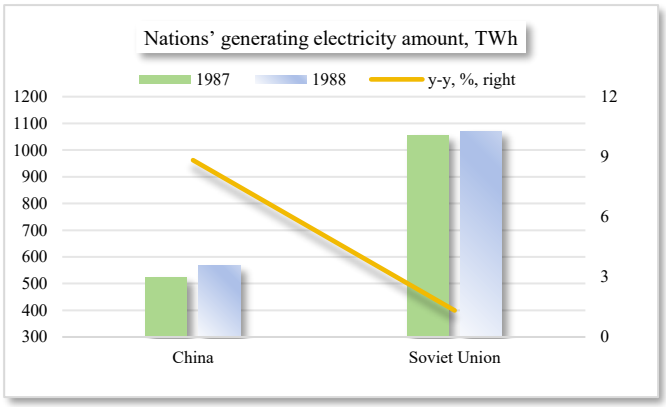

Figure 2 The nations generating electricity amount between China &Soviet Union. [1]

2.2 China provinces &Japan counties GDP analysis

The China provinces &Japan counties GDP analysis might show 54 &7 billion dollars by Hokkaido &Jiangsu accordingly in light of Figure 3 in 1983 exhibited Hokkaido high economy level and capacity. The y-y value might show 8% & 22% expressed the Jiangsu faster developing step.

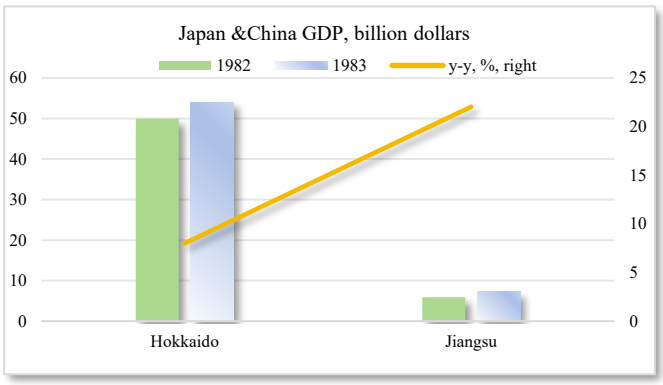

Figure 3 The China provinces &Japan counties GDP analysis. [2]

On the other hand, the China provinces &Japan counties GDP analysis might show 44 &8 billion dollars by Chiba &Shandong accordingly in light of Figure 4 exhibited Chiba county high economy level and capacity in 1983. The y-y value might show 10% &30% expressed the Shandong province fastest developing step.

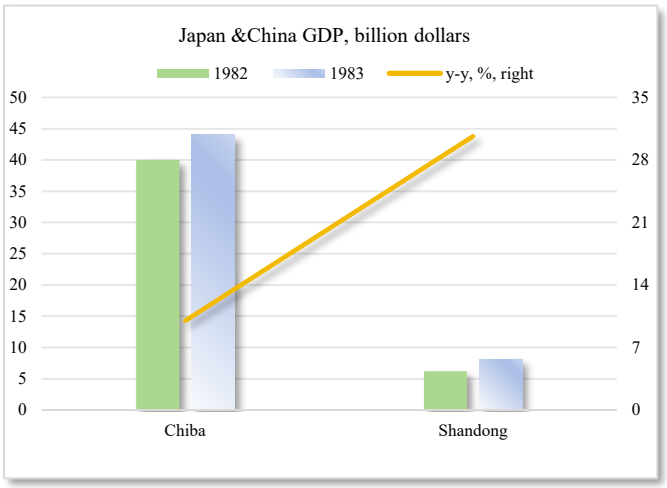

Figure 4 The China provinces &Japan counties GDP analysis I. [2]

On the other side, the China provinces &Japan counties GDP analysis might show 54 &7 billion dollars by Hyogo &Aichi counties accordingly in light of Figure 5 exhibited Hyogo high economy level and capacity in 1983. The y-y value might show 10% &9% expressed their forwards developing step.

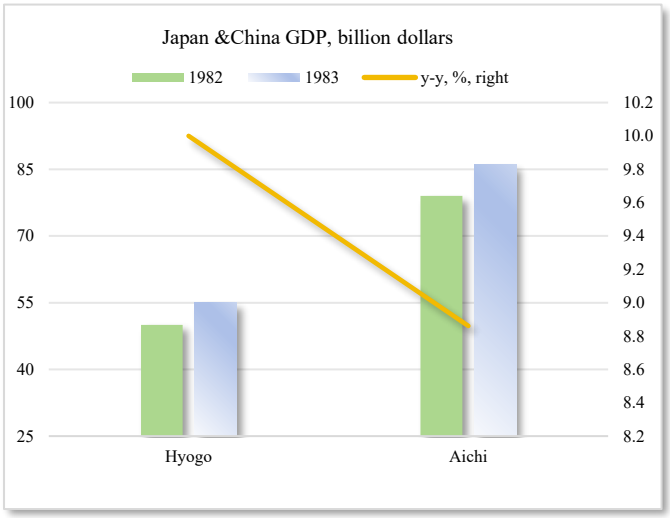

Figure 5 The China provinces &Japan counties GDP analysis II. [2]

At the end, the China provinces &Japan counties GDP analysis might show 78 &60 billion dollars by Kanagawa &Taiwan province accordingly in light of Figure 6 exhibited their high economy level and capacity in 1983. The y-y value might show 7% &15% expressed the Taiwan province faster developing step.

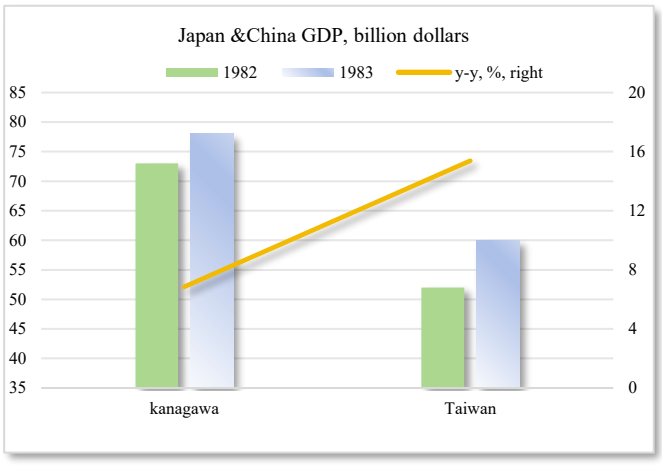

Figure 6 The China provinces &Japan counties GDP analysis III. [2]

Summarily, the GDP increasement will coordinate the infrastructure and industrial innovation, and the latter includes high-technique product making ones. We may continually improve our capacity to make a new high-level product for the sake of promoting our industrial development with a certain value each year. The other one will be foreign trade exportation that may help us earn the foreign money to use in later urgent time. So the industry, learning, research &usefulness etc. procedures will be boosting that combines into university, institution, factory &office four aspects cooperative spirits and culture for the sake of building a good future. Thereby, the certain high-level experts and scientists will help us to realize early the comprehensive and expertise knowledge about searching for some difficult projects that may increase the high-technique contained amount with their deductive models with mathematical knowledge and experience ones. So there will be so many achievement for us to proceed and make mature products within the technique transformation from base to application eventually dedicated to the demands of this society.

3. Conclusions

The nation's GDP(gross domestic product) will influence the one's economy development badness &goodness as an economic indicator. So that it can be simulated by economists in advance to forecast its approximation value according to the data mastered by us. An then, the detail and actual data may be published in accordance with each provinces and cities' actual value so as to correctly reflect the nation economy situation. With regards to developing of one nation the human live condition will be better and approaching a high level more and more under the higher GDP value exhibition. So that we should consider and calculate more carefully to indicate the correct value for the sake of promoting continuously economy status and building a comfortable society day be day by our experts and scientists. On the other hand, the high-tech product is

able to increase the GDP ratio gradually according to developing situation presently. It is to believe that the ratio will raise a certain one in near future because it has high-knowledge &high-science factor within knowing it to producing it from the transfer of laboratory to factory. So that the new product enables to exhibit in its market after it was made in a factory continuously through using our scientist and engineers behaviour positively. We must encourage the high-tech proceeding engineers etc. who will transform the idea stimulus into the searching behaviour in lab with other researchers through acquiring a certain project from the funding so as to erect the experience and knowledge after several years that makes the sample into product entering current market to complete the receiving the order and transiting the cuisine to customers. That will be said that automatic changing to artificial intelligence one in order to promote the time and efficiency at all through the huge change said "let it do" changed to "it can do". We should continuously enhance its function and upgrade it &make its stability that means it can undergo a long time to serve as a like humanoid robot that may sometimes exhibit in our canteen as an automatic and artificial intelligence one to save some money while promoting its quality and efficiency concept.

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Ethic Declarations

The authors declared that there were not conflicts of interest.

References

1. The nations generating electricity amount, Mar 27, 2026
2. China provinces &Japan counties GDP analysis, Mar 28, 2026
3. Run Xu, Zhenguo Li, An Innovation Searching for Analyzing the Chinese Top Four Provinces GDP & Tax Revenue with Top Provinces Status, MSI Journal of Economics and Business Management, 2 (1) (January -2025), 1~11
4. Run Xu, Zhenguo Li, An Innovation Research to Analyze the Mumbai & Henan Province Cities &China India & US Nations' GDP through Sustainability, UKR Journal of Multidisciplinary Studies, 2(3), 2026, 83~87, DOI: https://doi.org/10.5281/zenodo.19247076
5. Run Xu, Zhenguo Li, An Innovation Research of Analyzing A Stocks IPO Amount Changes and Hebei & Anhui Province Cities GDP Status with Sustainability, UKR Journal of Multidisciplinary Studies, 2(3), 2026, 78~82, DOI: https://doi.org/10.5281/zenodo.19246646
6. Run Xu, Zhenguo Li, An Innovation Searching for Analyzing & Enhancing the Chinese Provinces GDP & Five Metropolitan Cities GDP Value, MSI Journal of Economics and Business Management, Volume-3, Issue-3 (March -2026), 1~12
7. Run Xu, Zhenguo Li, An Innovation Searching for Analyzing & Enhancing the Chinese Top Provinces' GDP & Subject for the Archives of Engineering and Technology,MSI Journal of Economics and Business Management, Volume-3, Issue-3 (March -2026), 1~12, https://zenodo.org/ records/ 18944889
8. Run Xu, Jing Yu, Guanghui Yu, Jiaguang Liu, Xianglan Piao, Changfu Jin, Zheman Lian, Dezhu Li,An Innovation Searching for Chinese provinces GDP Value analysis,MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~11, https://zenodo.org/records /18944950 **Impact Factor: 4.0**
9. Run Xu, Jing Yu, Guanghui Yu, Jiaguang Liu, Xianglan Piao, Changfu Jin, Zheman Lian, Dezhu Li,An Innovation Searching for Analyzing Five Metropolitan Cities GDP Value, MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~11, https://zenodo.org /records/18945054 **Impact Factor: 4.0**
10. Run Xu, The Searching for Analyzing the Nation's Economy Strength GDP and The Top Nations' Industrial Production Comparison Sustainably through Observing Historical Statistic Value, MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~11, https://zenodo.org/ records/ 18853698 **Impact Factor: 4.0**
11. Run Xu, The Searching for Analyzing the Nation's Economy Strength GDP & Top Nations' Industrial Production Comparison & China cities index of development etc. Sustainably through Observing Historical Statistic Value, MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~11, https://zenodo.org/records/18853807
12. Run Xu, Zhenguo Li, An Innovation Searching for Analyzing the China & European Nations GDP & the World Cities GDP Changes through Sustainability, MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~10, https://zenodo.org /records/19055250 **Impact**

Factor: 4.0

13. Run Xu, Zhenguo Li, An Innovation Searching for Analyzing the Asian Nations GDP Status by Sustainability,MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~10, https://zenodo.org /records/19062671 **Impact Factor: 4.0**
14. Run Xu, Zhenguo Li, An Innovation Searching for Analyzing the Chinese Part Central Provinces GDP & the Israel & Top Chinese Cities GDP Status Sustainably,MSI Journal of Multidisciplinary Research,Volume-3, Issue-3 (March-2026), 1~10, https://zenodo.org /records/19061343 **Impact Factor: 4.0**
15. Run Xu, Zhenguo Li, An Innovation Searching for Enhancing the China Foreign Trade Trillion Yuan Provinces Value &China Cites' GDP per capita on Scientists Sustainably,MSI Journal of Economics and Business Management, Volume-3, Issue-3 (March -2026), 1~11, https://zenodo.org/ records/ 19071683