

The Searching for Analyzing the Nation's Economy Strength GDP and The Top Nations' Industrial Production Comparison Sustainably through Observing Historical Statistic Value

Run Xu^{1*}

^{1*}Gyeongsang National University, School of Nano New Materials Eng.,
Jinju-Si 52828, Gyeongsangnam-Do, South Korea

* **Correspondence:** Run Xu

*The authors declare
that no funding was
received for this work.*



Received: 26-January-2026

Accepted: 27-February-2026

Published: 03-March-2026

Copyright © 2026, Authors retain
copyright. Licensed under the Creative
Commons Attribution 4.0 International
License (CC BY 4.0), which permits
unrestricted use, distribution, and
reproduction in any medium, provided
the original work is properly cited.
<https://creativecommons.org/licenses/by/4.0/> (CC BY 4.0 deed)

This article is published in the **MSI
Journal of Multidisciplinary Research
(MSIJMR)** ISSN 3049-0669 (Online)

The journal is managed and published
by MSI Publishers.

Volume: 3, Issue: 3 (March-2026)

ABSTRACT: The nations & regions' GDP (gross domestic product) 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 preciously. 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. Meantime, the toughness of national economy developing force will be shown by the y-y value because some regions remained a low economy situation but its y-y value had high one explained the high toughness with such regions besides the low GDP value. So that the new-quality productivity will be sought by us continuously special by those scientist, senior engineer, experts because they can lead to new feasible energy and dynamic force to drive the new one into realizing new-quality productivity producing a certain

effectiveness to GDP enhancement as last. In the meantime, the new-high-technology product will be formed accordingly that can create the industrial chains to support the high-knowledge skill transformed into the more comprehensive and complicated product for the sake of serving our citizen with modernization. The emerging technology would be driven the new energy force that includes the low -carbon and low-contamination electricity generator which may form the new quality productivity protected our earth from carbon-oxide and nitric-oxide etc. release. So that some the high-tech products would aware that the transformation and positively prepare the futural product producing and application. Thereby, the nations GDP will reflect the whole economy special in new high-tech-field maker and products will play a significant influence on that value increasement and control the y-y value under our consideration.

Keywords: *Searching for; analyzing; nation's economy strength GDP; top nations' industrial production; by sustainably observing.*

1. Introduction

The nations & regions GDP (gross domestic product) 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 preciously. 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 is able 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 precious and correctly according to the near past years' experience and variation.

Therefore, the high-technique products will be completed through wielding our scientist & senior Engineers coordination tightly for the sake of reviving the industrial and tertiary modernization. We should constantly look for and seek the new quality productivity sustainably so as to take place of our traditional industry becoming modernity. An innovation industry like new energy electric generator will be in front of our path forwards, so that the corresponding tactic must be put up and seek the opportunity and fortune in order to burden our responsibility quickly and not to forget recommend the fitting one to appoint new occupation. Like the Bole identified horse or Maosui self-recommended the recommendation will be represent one aspect for our human resource department to consider and evaluate the recommended included a full research room with a set of computer high-technique

instrument & device, subordinate, subsidiary staff, salary, house, welfare etc. a series of work so as to appoint his new occupation reasonably and willingly. [1~20]

2. Discussions

One nation & region's GDP & industrial production will reflect that region economy development degree through increasing that value includes agriculture industry tertiary three fields. So that industry & service industries will promote the whole GDP value continuously, special in service one having a significant growth momentum due to digital transformation and rising consumer demand, thereby reshaping employment structures and driving innovation across sectors. This shift is particularly evident in China's new construction for enhancing its innovation stimulus policies and capital support special in the service AI robot that may bring out new sale tendency in the future like autonomous payment and cinema ticket print machine. That largely declines the time for payment and ticket print in super mall & cinemas. Thereby, the detail GDP value is going to be discussed as following parts through comparing the various regions for the sake of enhancing corresponding tactic in next year and futural several years.

2.1 Nation's economy strength GDP analysis

The Nation's economy strength comparison would show 554 & 100 billion dollars by Japan~India accordingly in terms of Figure 1 expressed the USA strong economy strength in 1975. Moreover, the y-y value in 1975 might show 14% & 11% by them respectively exhibited their forwards steps.

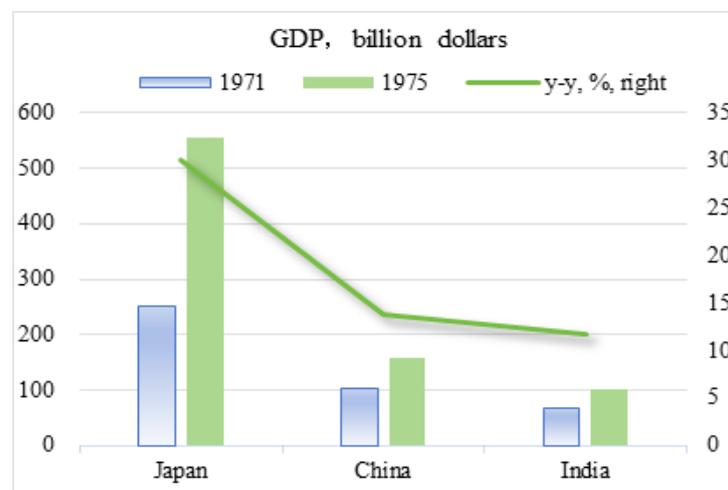


Figure 1 The Nation's economy strength comparison. [1]

The Nation's economy strength comparison would show 1,480 & 680 billion dollars by USA & Soviet Union accordingly in terms of Figure 2 expressed the USA strong economy strength in 1975. Meanwhile, the y-y value in 1975 might show 12% by them commonly exhibited their forwards steps.

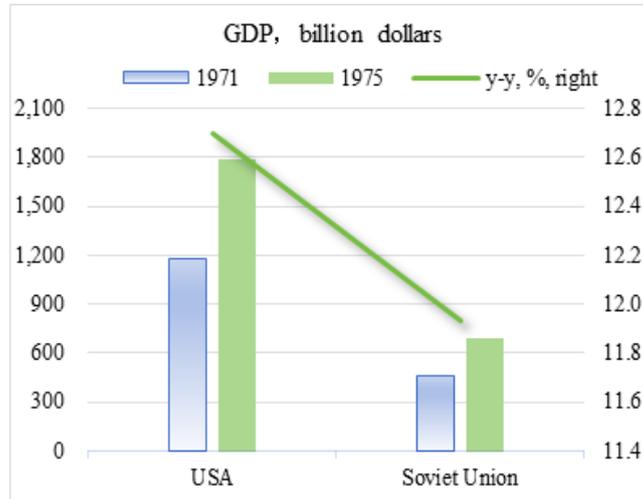


Figure 2 The Nation's economy strength comparison I. [1]

2.2 The Top Nations' industrial production comparison

The top nations' industrial production comparison would show 1,450 & 650 billion dollars by Japan~Germany accordingly in terms of Figure 3 recorded their strong economy entity in 1991. The y-y value might exhibit 48% & -3.5% by them respectively realized the Japan forwards step.

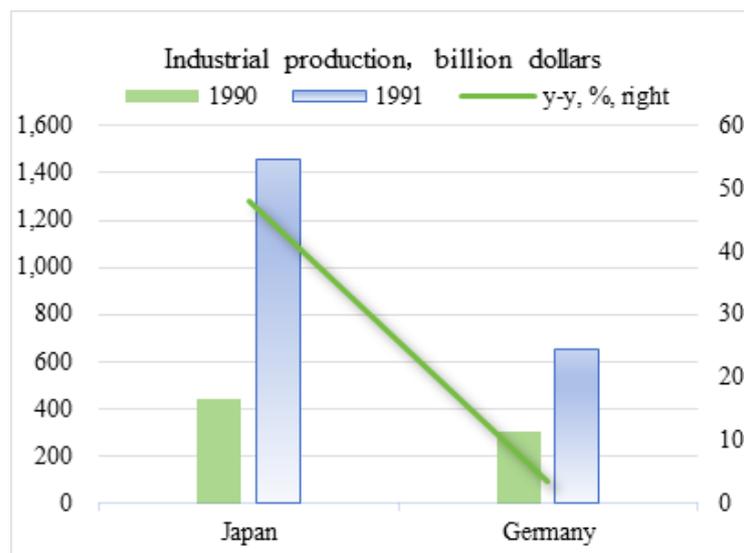


Figure 3 The top nations' industrial production comparison. [2]

The top nations' industrial production comparison would show 1,560 & 570 billion dollars by Japan~Germany accordingly in terms of Figure 4 recorded their strong economy entity in 1999. The y-y value might exhibit -1.6% & -5.3% by them respectively realized their minus step.

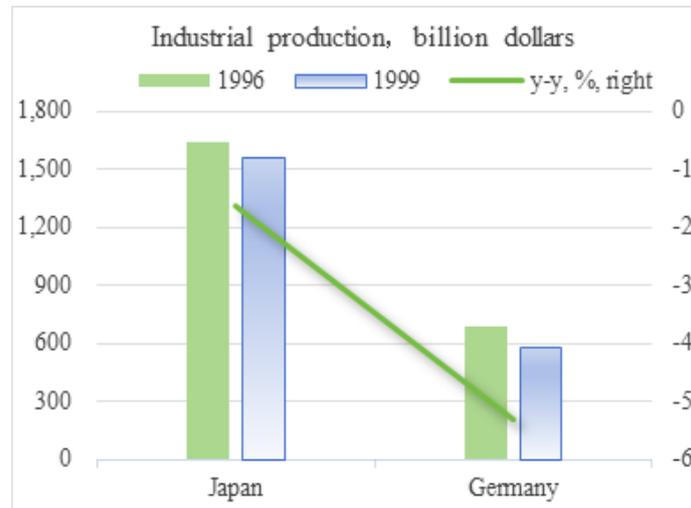


Figure 4 The top nations' industrial production comparison I. [2]

Furthermore, the top nations' industrial production comparison would show 300 & 124 billion dollars by France~India accordingly in terms of Figure 5 recorded their strong economy entity in 1996. The y-y value might exhibit -3%~4% by them respectively realized their modest step. In contrast, the China recorded fast 7.6% with its value to be 518 billion dollars.

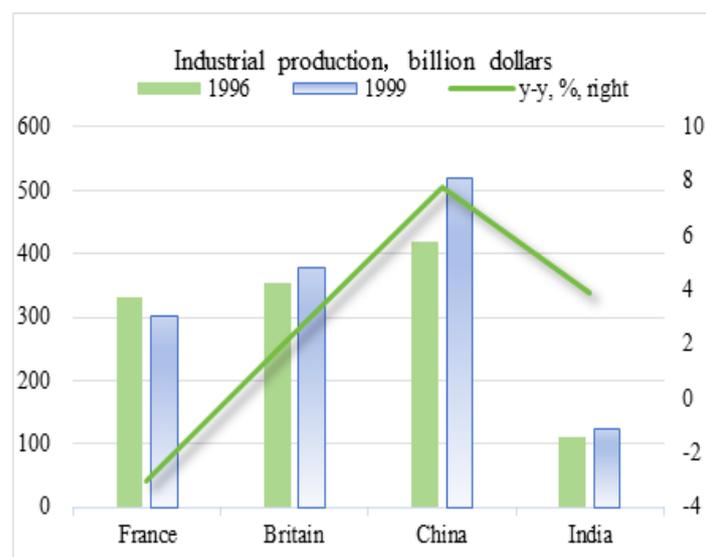


Figure 5 The top nations' industrial production comparison II. [2]

At the end, the top nations' industrial production comparison would show 1,550 & 125 billion dollars by Japan~India accordingly in terms of Figure 6 recorded their strong economy entity in 2000. Meantime, the China & Germany ones exceeded 500 billion dollars occupied the No. 2 & 3 following Japan then.

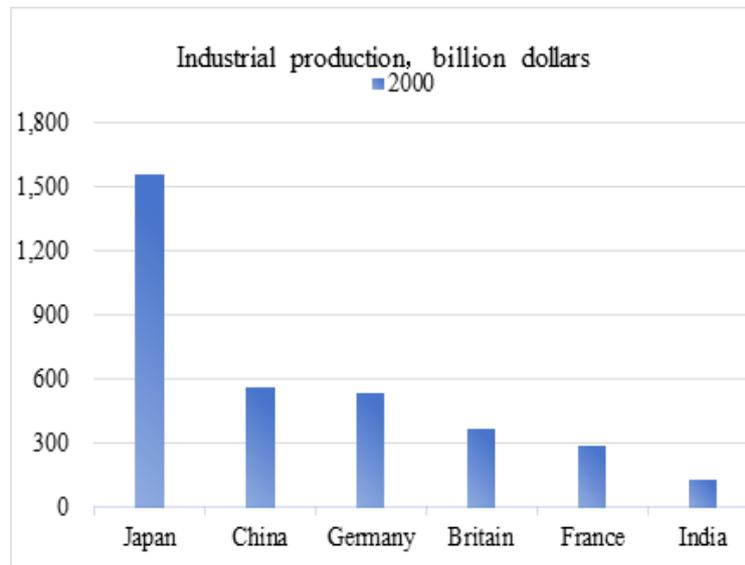


Figure 6 The top nations' industrial production comparison III. [2]

3. Conclusions

The nations & regions GDP (gross domestic product) 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 preciously. 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. Meantime, the toughness of national economy developing force will be shown by the y-y value because some regions remained a low economy situation but its y-y value had high one explained the high toughness with such regions besides the low GDP value. So that the new-quality productivity will be sought by us continuously special by those scientist, senior engineer, experts because

they can lead to new feasible energy and dynamic force to drive the new one into realizing new-quality productivity producing a certain effectiveness to GDP enhancement as last. In the meantime, the new-high-technology product will be formed accordingly that can create the industrial chains to support the high-knowledge skill transformed into the more comprehensive and complicated product for the sake of serving our citizen with modernization. The emerging technology would be driven the new energy force that includes the low -carbon and low-contamination electricity generator which may form the new quality productivity protected our earth from carbon-oxide and nitric-oxide etc. release. So that some the high-tech products would aware that the transformation and positively prepare the futural product producing and application. Thereby, the nations GDP will reflect the whole economy special in new high-tech-field maker and products will play a significant influence on that value increasement and control the y-y value under our consideration.

References

1. The top nations' industrial production comparison, Feb. 23, 2026
2. Nation's economy strength comparison, Feb. 23, 2026
3. Run Xu, Zhiqing Chen, The Study on Simulation of Resistance in Stall Motor [J], Journal of Electronic & Information Systems, 2020, April 02 (1):18~20, DOI:[http s://doi, org/10.30564/jei s,v2i1,2045](http://doi.org/10.30564/jeis,v2i1,2045) Google Scholar, CrossRef, Scilit,Cnki
4. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Indian Cities & Shandong and Fujian Provinces on Scientists' Analysizing Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 308~313
5. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with G20 Group etc. on Scientists' Behavior and Judgement with Sustainability, UKR Journal of Economics,

- Business and Management, Volume 1, Issue 10, 2025, 184~188 Impact factor 4.33
6. Run Xu, An Innovation Searching for Prospering Financial Reformation e.g. ETF and Economy GDP Enhancement with Hubei & Hunan Provinces on Scientists' Published Behavior and Judgement by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 204~208 Impact factor 4.33
 7. Run Xu, The Relationship of Properties with Variable Mass of Block on Crank Linkage Mechanism in Multibody System, (American) SunText Review of Material Science, 2021, S1: 105 Crossref, Goolge scholar Impact factor 2.6
 8. Run Xu, Boyong Hur, A Simulation between Torque and Angle with Speed on Five Freedoms of Robot Mechanical Arm in Multibody Systems, Saudi Journal of Civil Engineering, 2021, 5(5): 91~93 Impact factor 1.2
 9. Run Xu, Boyong Hur, The Relationship between Force and Time with Lagrange Equation by Regulating Piston Mass on Crankshaft of Vehicle, Saudi Journal of Engineering and Technology, 2021,6(4): 73-76 Impact factor 1.2
 10. Run Xu, Jiaguang Liu, The Kinematics Model Establishment of Crank and Linkage with Time under Low Speed in Vehicle, 2021,6(4):67~72,Saudi Journal of Engineering and Technology, 2021,6(4): 57~61, DOI: 10,36348/sjet,2021,v06i04,004 Impact factor 1.2
 11. Run Xu, The Kinematic Models of Crank with Angle and Time in Motor Housing Process, (American) SunText Review of Material Science, 2021, S1: 104, DOI: [https://do i,org/10,51737/2766-5100,2021,S1,004](https://doi.org/10,51737/2766-5100,2021,S1,004) Impact factor 2.6, Scilit, Crossref, Google Scholar
 12. Run Xu, The Modelling between Force & Torque and Crank Angle on Crank Linkage of Engine in Vehicle by Lagrange Formula I, Scholars International Journal of Chemistry and Material Sciences, 2021, 4(4): 36-39,DOI: 10,36348/sijcms,202 1,v04i04,005

13. Run Xu, The Dynamic Modelling of Vortex Axis Blade between Speed, Force and Rotation under Variable Angle & Power in Helicopter, (American) SunText Review of Material Science, 2021,S1: 103
14. Run Xu, The Study of Relationship between Current and Acceleration on Simulation in Motor, (American) SunText Review of Material Science, 2021, S1: 101, Impact factor 2.6, Scilit, Crossref
15. Run Xu, Sugun Lim, Discussions to African Development of Technology and Innovation in its Industry, Scholars International Journal of Chemistry and Material Sciences,2021,4 (11):314~317
16. Run Xu, Sugun Lim, Younwook Kim, African Mechanism Involving in Transgenic product & Hydrogen Fuel in its Industry, Cross Current International Journal of Economics, Management and Media Studies, 2022,4(1): 1~4
17. Run Xu^{1*}, Wanhao Wu, Guanghui Yu, An Innovation Searching for Boosting GDP Increasement with European Union & China GDP comparison on Scientist Publishing Papers at Journal Sustainably, Edu Rekha International Journal of Entrepreneurship, Economics and Business Management, Volume-2, Issue-1(January - February) 2026, 25~29
18. Run Xu¹, Wanhao Wu, Guanghui Yu, An Innovation Searching for Boosting GDP Increasement with 2026 Companies Ranking in Top Hundred Innovation and President Graduated from Zhejiang University for Companies on Scientist Publishing Papers at Subject for the International Journal of Engineering and Science Invention etc. Sustainably, UAI J Econ Bus Manag,Volume-II Issue-I (January–February) 2026, 42~45
19. Run Xu, An Innovation Searching for Prospering Financial Reformation like Stock's Sectors Increasing Amount and Economy GDP & its Per Capita Enhancement on Scientists Sustainably, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 153~157 Impact factor 4.33

20. Run Xu, An Innovation Searching for Prospering Financial Reformation like ETF and Economy GDP Enhancement on Scientists by Sustainability, UKR Journal of Economics, Business and Management, Volume 1, Issue 10, 2025, 143~147