



The Study for Boosting the High-Tech Skills and Retrieving Economic GDP Indicator on Experiencing Post-Doctorate R & D Base Fellows & Scholars Sustainably

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Abstract

The GDP(Gross domestic product) for China & European Union would be discussed and found higher one with 7.3 TUSD~1.5 TUSD could be attained in 2011 by China and Spain correspondingly which expressed the China economic community retrieving again. Moreover, the China Shanghai, Beijing, Shenzhen, Chongqing, Guangzhou & Suzhou GDP would provide 1.3 TY~1 TY accordingly in 2025 Q1 which may forecast the whole year's one as well. On the other hand, on May 8, 2025 the morning stocks [Huafang Lim] raised limit with 10%; [Chunguang Tech] raised limit with 10%; [Lijun Lim] raised limit with the same; [Di Nike] increased amount with 4.6%; [Hesheng Xincal] completed -3%. At the same time, the Chinese scientists in the world published many papers in one day in famous Nature journal for various fields like quantum one. In the end, Warren E. Buffett was born on August 30th, 1930 in U.S. Nebraska state Omaha city who was an investor entrepreneur mainly invested business of stocks funds. He insisted in long-term investment and rational investment conception. He was ever in Charge of the CEO in Berkshire Hathaway Incorporation and now he resigned for CEO position to be substituted by vice-president Grey Abel by May the first weekend i.e. 3th, 2025.

Keywords: study; financial innovation; boost; behavior; judgement; economic indicator; Scientist; fellows; GDP; post-doctorate

1. Introduction

There are many foundations which may cause the new disciplinary subjects like Neuro-Network whose role may affect our human being long time in the views of forecasting the non-definition matters occurrence in scientific theory and engineering actuality. So our AI technique had so great development up to now with labor robotic producing who may work for us to substitute for human being with AI technology. We should pay more attention to their ethic problem if they may replace for us to work within a certain ethic matters. Like how to define them and limit them to act within a certain frame will become an important issue more and more. [1~6] On the other hand, the high-technique product may progress the financial reformation with different measures since it needs to make experimental course and theoretical proof one which spends many scientists and

scholars to proceed the preliminary trial with wielding their wisdom and mathematical knowledge and experiences to resolve the difficult matters continuously and constantly. Thereby we would demand as many as scholars to join our troops so as to process much brain labors for dedicating to the sophisticated and advance mathematics like array induction and partial differential etc. research projects to explore the new world and phenomenon. Overview, the financial initiatives and high-technique skills might cause sympathetic vibration effectiveness with fluctuating high-technique companies in stocks exchange center. We would like to choose more high-tech ones which could maintain a long-term benefit main-line continuously. [7~11] In short, the high-technique product like AI+algorithm force+concept will prevail in recent years for continuous research and development through our wide researchers and engineers. On the other side, the financial reformation may continue to push

many-types financial tools for retrieving financial prospects within our surround so as to proceed investment activity. Hereby, the mentioned two aspects may be developed largely throughout our government support and advocating.

2. Discussions

Should we continuously proceed our significant research for the sake of progressing our urgent issues with collaborating and cooperation to other scientists and write papers with co-authors continually? The answer will become clear since we may chase the noble and innovation things. So that we talk about the economic GDP indicator and stock market change as a financial innovation besides the famous scientists publishing papers in Nature in Chinese domestic & aboard in below and details.

2.1 China mainland export top 21~30 cities amount list

The China exportation top 21~30 city would display 277~244 billion yuan and 13~32 billion yuan exported to U.S. with rate to U.S. 4.9%~13% by Xi'an~Weifang city accordingly in Table 1 in 2025 Q1. Meantime, the Zhongshan and Yantai might occupy 19% and 17.3% rate to U.S. exportation which was the highest amount in those group. The Xi'an had the high export amount however it has a little amount to U.S. which shows that it has still elastic space to foreign trade to U.S.

Table 1 The China mainland exportation top twenty eleven~thirty cities amount ranking, billion yuan(units) [1]

City	Export amount	Amount to U.S.	Rate to U.S.
Xi'an	277.6	13	4.9%
Yantai	277	48	17.3%
Fuzhou	266	37	13.9%
Wuhan	262	-	-
Nantong	260.8	34.2	13.2%
Changzhou	260.4	34.8	13%
Hefei	257	-	-
Wenzhou	251	33	13%
Zhongshan	249	47.9	19%
Weifang	244	32.4	13%

2.2 Warren E. Buffett

Warren E. Buffett was born on August 30th, 1930 in U.S. Nebraska state Omaha city who was an investor entrepreneur mainly invested business of stocks funds. [2] He insisted in long-term investment and rational investment conception. He was ever in Charge of the CEO in Berkshire Hathaway Incorporation and now he resigned for CEO position to be substituted by vice-president Grey Abel by May the first weekend i.e. 3th, 2025, so that transition signals the one investor legendary story is closing and initiates Berkshire's

new chapter. There were above 20,000 investors to come the scenery from all over the world with crowded audiences. The 94 years old Warren E. Buffett called the Berkshire year conference as Woodstock for Capitalists since it has already became the communication, purchasing, sports festival. He thinks the money will let him be independent, then he could use his life to do what he want to do. As for me the most thing he want is just for himself working, he does not let others instruct him. Everyday to do what myself want to do which is very important to him. [3] In Table 2 the Berkshire recent seven years exhibition and 500 Index change will exhibit where the two change rate was compared and found that the stocks price of Berkshire would be difficult to win the S & P index. Furthermore, if the Berkshire's experience achievement wanted to compare with S & P 500 the former will be larger than the latter 140 times, however it can not exceed the latter with the index change rate. So that the current Berkshire has still had worth of owning its stocks to become the friend of the time because it may be defeating the Index in the bear market besides that it has above 3,00 billion dollars. [3]

Table 2 The Berkshire recent seven years exhibition and S & P (Standard & poor's) 500 Index change. [4]

Time	Berkshire market value per stock change rate, %	S & P 500 index change rate, %
10 July	3	-4
11 July	11	32
12 July	2	18
13 July	30	29
14 July	4	-18
15 July	16	26
16 July	26	25
Recent 7 years compound yield rate	13	14

2.3 The stocks change recently

On May 8, 2025 the morning stocks [Huafang Lim] raised limit with 10%; [Chunguang Tech] raised limit with 10%; [Lijun Lim] raised limit with the same; [Di Nike] increased amount with 4.6%; [Hesheng Xincal] completed -3%. [5] The recent morning stocks raising amount and turnover rate would exhibit in Table 3 where the [Yingfeng Lim] attained 10% with the highest one while the [Zhangyuan W Indus] provided -4.6% with the minus raising speed rate on the contrary. Here the traditional industry like beverage, textile making is retaining the high-lights whilst the Optical & photo-electronic, electricity power and communications device etc high-technique one is maintaining the middle-low level in there.

Table 3 Recent morning stocks raising amount status. [6]

Code	Name	Raising amount,	Turnover rate, %	Main line
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		%		
300997	Huanle Family	1.47	8.77	Beverage making
603257	China Ruilin	-1.82	8.09	Architecture & furniture
605055	Yingfeng Lim	10.0	3.10	Textile making
002378	Zhangyuan W Indus.	-4.6	1.57	Small metal
600575	Huaihe Energy	5.7	2.68	Electricity power
003019	Chenzhan Photo-electronic	2.15	0.6	Optical & photo-electronic
300394	Tianfu communications	1.89	0.67	Communications device

2.4 Nominal GDP with China & European union country in 2011

The nominal GDP will indicate the one year producing entire products and labor value to be calculated as per that year market value which reflects the economic activity scale and increasing speed but considering the price level change. So that it will not include the actual producing increase, thereby it may consider the high evaluation to economic increasing. Moreover the nominal GDP might produce the misleading because the various regions price level can affect the GDP Value. [7]

At the same time, the China and Europe GDP will display in Figure 1 & Figure 2 where the China~Sweden ones i.e. the top 1 and top 13 would provide 7.32 T USD ~1.96T USD & 1.48 T USD ~490 B USD by China ~Russia & Spain ~Norway correspondingly in 2011. [10] Moreover, the difference between China and Germany with the first position and second one will provide 3.5 T USD with bigger value displayed the prosperous economic entity.

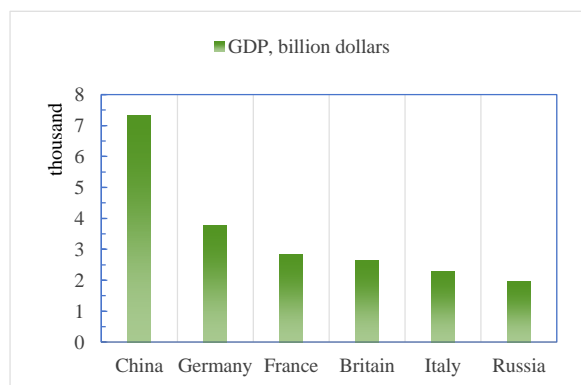


Figure 1 The China and Europe nominal GDP comparison with top six in 2011.

In light of Figure 2 the difference between the six position Spain and the seventh Holland may attain 600 B USD with middle value explained the ambitious economic force in 2011 in light of IMF(International monetary fund).

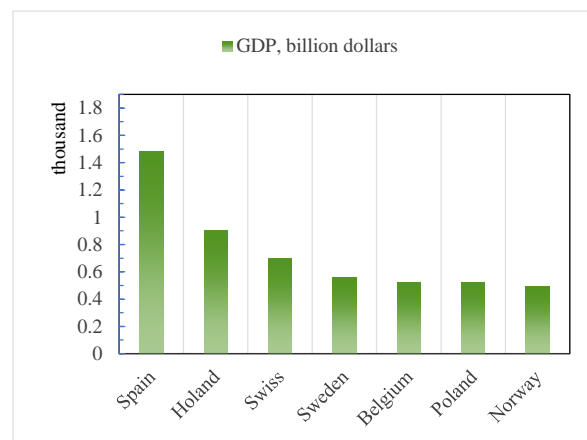


Figure 2 The China and Europe nominal GDP top seven~thirteen comparison in 2011.

2.5 Published papers in Nature by Chinese scientists

On May 7, 2025 Zhi Yang as an author published first article in Nature who is in the Berkeley school, at University of California which is the Molecular basis of SIFI activity in the integrated stress response. On the same day, Dong Hongbo as a researcher in Huadong Normal University and Huo Lijun as a common communication author published secondly that the Deep origin of eukaryotes outside heimdallarchaeia withi asgardarchaeot. Moreover, Peng Shushi as a researcher in School of city & environment, Perking University published the third paper as the Trends in the seasonal amplitude of atmospheric methane. The fourth paper would be published by the Yao Hongbin, Fan Fengjia etc. who are China University of Science & Technology in Nature named as the Intragrain 3D perovskite hterostucture for high-performance pure-red perovskite LEDs. The fifth one would be processed by Li Li who is in affiliated Settle school, Washington University as the first author which was the Heterogeneous pericoerulear neurons tune arousal and exploratory behaviors. At the same time, on the same day the Tang Zhihong as a professor in Shanghai Jiaotong University and Dai Junbiao as a researcher in affiliated Shenzhen Institute of Advance Techonology, China Academy of Science to publish the sixth one as the Bioremediation for complex organic pollutants by engineered vibrio natriegens. At last Yiran Zhang as a first author and common communications one who is in California Institute of Technology to publish the seventh article named as the Twist-programmable superconductivity in spin-orbit-coupled bilayer graphene. The Jian Xiong as a first common author who works in Stanford University to publish the eight one in Nature the PLA2G15 is a BMP hydrolase and its targeting ameliorates lysosomal disease. [8]

2.6 2025 Q1 the whole country top cities in GDP

The 2025 Q1 the China entire country top seven~thirteen cities in GDP will be displayed as Figure 3 where the 600 ~400 billion yuan may be completed by Chengdu ~Qingdao accordingly. Moreover, the difference between Hangzhou and Wuhan cities may arrive above 100 billion yuan with value somehow expressed the Hangzhou in Zhejiang province's strong economic entity. On the other side, the Ningbo beyond Tianjin became the eleventh big one while the Qingdao in Shandong province retained the thirteenth position.

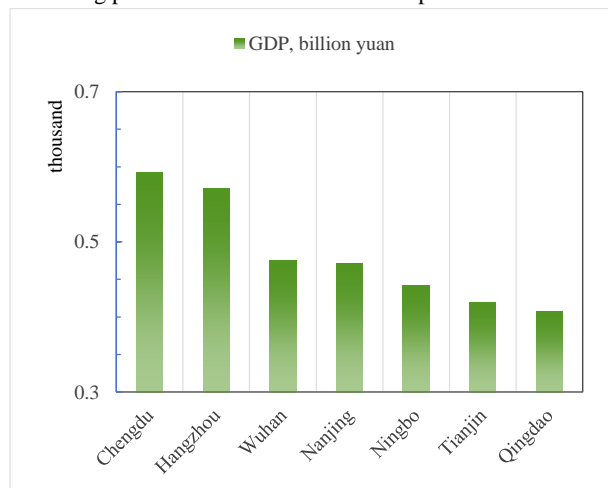


Figure 3 The top 7~13 cities GDP in 2025 Q1. [9]

At the same time, the 2025 Q1 the entire country top six cities in GDP would exhibit the 1,200 ~600 billion yuan by Shanghai~Suzhou in Figure 4 where the difference between the Beijing and Shenzhen might indicate 300 billion yuan with middle value. At the same time, the difference between the Shanghai and Beijing was very little 60 billion yuan. In additional, it would be shown that all of the top 13 cities were maintaining the same level compared with the first season, 2024.

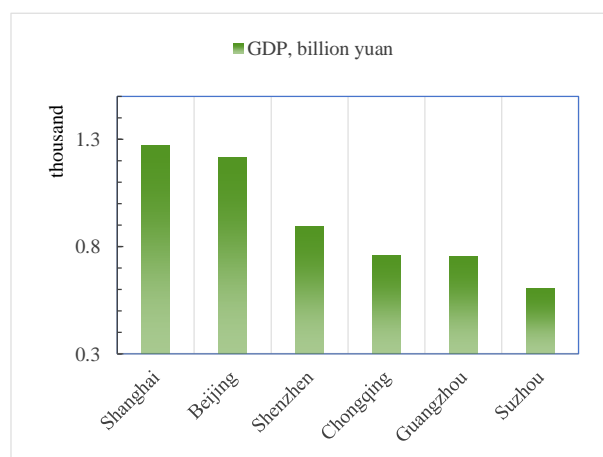


Figure 4 The top six cities GDP in 2025 Q1. [9]

2.6 Nominal GDP with China & European union country in 2020

The China & European Union GDP's top Nine list will display in Figure 5 where the 15T USD~752 B USD was expressed by China ~Swiss correspondingly in 2020 in light of IMF. On the other hand, the difference between China and Germany was attaining near 11T USD with big value in 2020, which explained the stronger China economic potential force.[10]

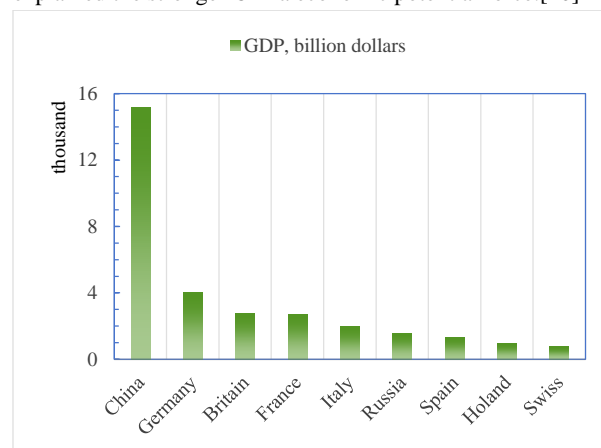


Figure 5 The China and European Union nominal GDP with top Nine ranking in 2020

3. Conclusions

The GDP for China & European Union would be discussed and found higher one with 7.3 TUSD~1.5 TUSD could be attained in 2011 by China ~Spain correspondingly which expressed the China economic community retrieving again. Moreover, the China Shanghai, Beijing, Shenzhen, Chongqing, Guangzhou & Suzhou GDP would provide 1.3 TY~1 TY accordingly in 2025 Q1 which may forecast the whole year's one as well. On the other hand, on May 8, 2025 the morning stocks [Huafang Lim] raised limit with 10%; [Chunguang Tech] raised limit with 10%; [Lijun Lim] raised limit with the same; [Di Nike] increased amount with 4.6%; [Hesheng Xincal] completed -3%. On the other hand, the Chinese scientists in the world published many papers in one day in famous Nature journal for various fields like quantum one. At last, Warren E. Buffett was born on August 30th, 1930 in U.S. Nebraska state Omaha city who was an investor entrepreneur mainly invested business of stocks funds. He insisted in long-term investment and rational investment conception. He was ever in Charge of the CEO in Berkshire Hathaway Incorporation and now he resigned for CEO position to be substituted by vice-president Grey Abel by May the first weekend i.e. 3th, 2025.

Conflict of Interest

The authors declared that there were not conflicts of interest to disclose.

References

1. Tencent News, May 8, 2025
2. Warren Buffett, Baidu Searching, May 10, 2025, Internet
3. Warren Buffett, Baidu Searching, May 11, 2025,

Internet

4. Warren Buffett introducing, Baidu Searching, May 12, 2025, Internet
5. Yefan Zheng, Shenzhen Guocheng, Wechat, May 8, 2025, Internet
6. Wenjuan Qiu, Yashang Inte. &Inve., Wechat, May 12, 2025, Internet
7. Nominal GDP, Baidu searching, May 10, 2025,

Internet

8. Tencent News, May 12, 2025, Internet
9. Tencent News, May 9, 2025, Internet
10. Nominal GDP, News, May 9, 2025, Internet
11. Run Xu, 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