

US Tech and Trade Policy Report

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September 28, 2023

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1 US Tech War Timeline in the 21st Century

1.1 China

1.1.1 Pre-Trump Era

- Obama complaints at WTO in joint with EU and Japan on China's control of rare earths
 - **Time:** 14 March 2012
 - **Target:** China's restriction on exporting rare earth metals
 - **Demand:** Force the Chinese to halt their export restrictions of rare earths
 - **Response:** New China News Agency calls the lawsuit "rash and unfair"; Li Weimin, Foreign Ministry spokesman said "China hopes other countries can shoulder responsibility for supplies and can find alternative resources."
 - **Source:** <https://www.latimes.com/business/la-xpm-2012-mar-14-la-fi-obama-c.html>; <https://www.cfr.org/interview/challenging-chinas-trade-practices>; <https://www.cfr.org/timeline/us-china-relations>
- Obama complaints at WTO on China's subsidies to aluminum producers
 - **Time:** 12 Jan 2017
 - **Target:** China's subsidies to primary aluminum producers
 - **Demand:** United States urges China to reduce primary aluminum excess capacity, takes action to level the playing field
 - **Source:** <https://ustr.gov/about-us/policy-offices/press-office/press-releases/2017/january/Obama-Administration-Files-WTO-Complaint-China>
- More Obama Administration's trade enforcement record on chrome-extension:
https://efaidnbmnnnibpcajpcgltclefindmkaj/https://ustr.gov/sites/default/files/12152016-FACTSHEET_trade_enforcement_highlights.pdf

1.1.2 Trump Era

- Tariff on China imports following 301 investigation
 - **Time:** 22 Mar 2018
 - **Act:** Donald Trump set in motion tariffs on as much as \$60 billion in Chinese imports to the U.S. on Thursday and accused the Chinese of high-tech thievery. The list of subjects will cover aeronautics, modern rail, new-energy vehicles and high-tech products.

- **Response:** China responded early Friday by announcing a list of U.S. goods, including pork, apples and steel pipe, it said may be hit with higher import duties.
- **Source:** <https://apnews.com/article/73e5e5aa7be2408892e9904d642d2137>; <https://ustr.gov/about-us/policy-offices/press-office/fact-sheets/2018/march/section-301-fact-sheet>; <https://www.cnbc.com/2018/03/22/trump-moves-to-slap-china-with-50-billion-in-tariffs-over-intellect.html>
- Tariff on cars, hard disks and aircraft parts
 - **Time:** 06 Jul 2018
 - **Act:** US places 25% duties on around US\$34 billion of imports from China, including cars, hard disks and aircraft parts
 - **Response:** China retaliates by imposing a 25 per cent tariff on 545 goods originating from the US worth US\$34 billion, including agricultural products, automobiles and aquatic products.
 - **Source:** <https://www.scmp.com/economy/china-economy/article/3146489/us-china-trade-war-timeline-key-dates-and-events-july-2018>; <https://www.cnbc.com/2018/03/22/trump-moves-to-slap-china-with-50-billion.html>
- Pence Speech Signals Hard-Line Approach
 - **Time:** 04 Oct 2018
 - **Act:** Pence says the United States will prioritize competition over cooperation by using tariffs to combat “economic aggression.” He also condemns what he calls growing Chinese military aggression, especially in the South China Sea, criticizes increased censorship and religious persecution by the Chinese government, and accuses China of stealing American intellectual property and interfering in U.S. elections.
 - **Response:** Hua Chunying Makes Clear China’s Position in Response to US Leader’s Groundless Accusations Against China
 - **Source:** <https://www.cfr.org/timeline/us-china-relations>; <https://trumpwhitehouse.archives.gov/briefings-statements/remarks-vice-president>; https://www.fmprc.gov.cn/mfa_eng/xwfw_665399/s2510_665401/2535_665405/201810/t20181005_696937.html
- U.S. Justice Department alleges Huawei and Meng violated trade sanctions against Iran and committed fraud and requests her extradition
 - **Time:** 01 Dec 2018

- **Act:** Canada Arrests Meng Wanzhou
- **Response:** China detains two Canadian citizens, who officials accuse of undermining China’s national security
- **Source:** <https://www.justice.gov/opa/pr/chinese-telecommunications-conglomerate-arrested-in-canada>
http://www.xinhuanet.com/english/2020-08/21/c_139306059.htm

1.1.3 Biden Era

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1.2 European Countries

1.2.1 Pre-Trump Era

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1.2.2 Trump Era

- –

1.2.3 Biden Era

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1.3 India

1.3.1 Pre-Trump Era

- –

1.3.2 Trump Era

- –

1.3.3 Biden Era

- –

1.4 Japan

1.4.1 Pre-Trump Era

- –

1.4.2 Trump Era

- –

1.4.3 Biden Era

- –

1.5 Northern American Countries

1.5.1 Pre-Trump Era

- –

1.5.2 Trump Era

- –

1.5.3 Biden Era

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2 US Policy in the Post-war Era with U.K.

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3 US Policy with Eastern Countries in Late 20th Century

3.1 Japan

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3.2 Korea

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3.3 Hong Kong

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3.4 Taiwan

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4 Paper Summary

4.1 Innovation and Trade Policy

4.2 Measurement of Innovation/ Tech Licensing

4.3 Data Sources

Akcigit-ATes-Impullitti (2018) Innovation and Trade Policy in a Globalized World
Akcigit et al. (2018)

Ana Maria Santacreu's papers (check her website): Dynamic Gains from Trade Agreements with Intellectual Property Provisions Santacreu (2022) International Technology Licensing, Intellectual Property Rights and Tax Havens Santacreu (2023) Knowledge Diffusion, Trade and Innovation across Countries and Sectors
Cai et al. (2022) Innovation, Diffusion, and Trade: Theory and Measurement.
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