**Bown, Chad P. 2021. The US–China Trade War and Phase One Agreement. *Peterson Institute for International Economics Working Paper 21-2*, February.**

**This document briefly describes the sources of the four underlying raw data sets that have been used for the research in this paper.**

1. **Antidumping and Countervailing Duty Database**

**Data Source:** Updated to the [World Bank’s Temporary Trade Barriers Database](https://www.chadpbown.com/temporary-trade-barriers-database/)

On that page is a [Zip](https://www.chadpbown.com/wp-content/uploads/2019/02/TTBD_2016.zip) file containing all of the underlying data through 2015. The Zip file also contains a “manual” – as a PDF document – explaining the sources of the underlying data, as well as the variable codes.

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| **Economy** | **Economy Code** | **Database Name** | **Excel Workbook File Name** | **Spreadsheet Name within Economy Workbook** | **Available Years of Data** |
| United States | USA | Antidumping | GAD-USA.xls | AD-USA-Master, AD-USA-Products, AD-USA-Domestic-Firms, AD-USA-Foreign Firms | 1980-2021 |
| United States | USA | Countervailing duty | GCVD-USA.xls | CVD-USA-Master, CVD-USA-Products, CVD-USA-Domestic-Firms, CVD- USA-Foreign-Firms | 1980-2021 |
| China | CHN | Antidumping | GAD-CHN.xls | AD-CHN-Master, AD-CHN-Products, AD-CHN-Domestic-Firms, AD-CHN-Foreign Firms | 1997-2021 |
| China | CHN | Countervailing duty | GCVD-CHN.xls | CVD-CHN-Master, CVD-CHN-Products, CVD-CHN-Domestic-Firms, CVD-CHN-Foreign-Firms | 2009-2021 |

1. **US-China Tariffs Raw Data**

**Data source:**

US- United States Trade Representative announcements [China Section 301-Tariff Actions and Exclusion Process | United States Trade Representative (ustr.gov)](https://ustr.gov/issue-areas/enforcement/section-301-investigations/tariff-actions)

China- Ministry of Finance announcements <http://gss.mof.gov.cn/gzdt/zhengcefabu/>

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| **Economy** | **Economy Code** | **Excel Workbook File Name** | **Spreadsheet Name within Economy Workbook** | **Available Years of Data** |
| United States | USA | Tariff Data Raw.xlsx | US | 2018-2021 |
| China | CHN | Tariff Data Raw.xlsx | China | 2018-2021 |

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| **Spreadsheet Name** | **Column** | **Variable Name** | **Variable Description** |
| US | A | HS10 | Harmonized System 10-digit product code |
| US | B | Product Description | Description of product |
| US | C-O |  | Marginal tariff change at each individual action under the Trump administration |
| China | A | hs08 | Harmonized System 8-digit product code |
| China | B | Product Description | Description of product |
| China | C-T |  | Marginal tariff change at each individual action over the same period |

Note: In the original version of the data posted on Feb 21, 2021, there was an error in column N of file Z for the variable “July 1, 2019-China's MFN tariff cut on ITA products”. On May 5, 2021 this was corrected.

1. **Product Exclusions Raw Data**

**Data source:**

US- United States Trade Representative announcements [China Section 301-Tariff Actions and Exclusion Process | United States Trade Representative (ustr.gov)](https://ustr.gov/issue-areas/enforcement/section-301-investigations/tariff-actions)

China- Ministry of Finance announcements <http://gss.mof.gov.cn/gzdt/zhengcefabu/>

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| **Economy** | **Economy Code** | **Excel Workbook File Name** | **Spreadsheet Name within Economy Workbook** | **Available Years of Data** |
| United States | USA | Exclusion Data Raw.xlsx | US\_raw, US\_wide, US\_dates | 2018-2021 |
| China | CHN | Exclusion Data Raw.xlsx | China\_raw | 2019-2021 |

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| **Spreadsheet Name** | **Column** | **Variable Name** | **Variable Description** |
| US\_raw | A | Announcement | Self-defined identifier of each exclusion announcement |
| US\_raw | B | HS10 | Harmonized System 10-digit product code |
| US\_raw | C | ini\_pub\_date | Publication date of initial exclusion announcement |
| US\_raw | D | ini\_eff\_date | Effective date of initial exclusion |
| US\_raw | E | extend\_pub\_date | Publication date of exclusion extension announcement |
| US\_raw | F | extend\_eff\_date | Effective date of exclusion extension |
| US\_raw | G | extend\_flag | Indicator of extension: =1 (exclusion of this product is extended); =0 (exclusion of this product is not extended) |
| US\_wide | A | HS10 | Harmonized System 10-digit product code |
| US\_wide | B-AM | List #, Round # | Indicators-whether the product is covered by each exclusion announcement: =1 (the product is covered by this exclusion announcement), =0 (the product is not covered by this exclusion announcement) |
| US\_dates | A | Announcement | Self-defined identifier of each exclusion announcement |
| US\_dates | B | ini\_pub\_date | Publication date of initial exclusion announcement |
| US\_dates | C | ini\_eff\_date | Effective date of initial exclusion |
| US\_dates | D | extend\_pub\_date | Publication date of exclusion extension announcement |
| US\_dates | E | extend\_eff\_date | Effective date of exclusion extension |
| China\_raw | A | HS08 | Harmonized System 8-digit product code |
| China\_raw | B | retro\_flag | Indicator-whether the exclusion is retroactive: =1 (exclusion applies since the day tariff goes into effect), =0 (exclusion applies since the day exclusion is in effect) |
| China\_raw | C | ini\_pub\_date | Publication date of initial exclusion announcement |
| China\_raw | D | ini\_eff\_date | Effective date of initial exclusion |
| China\_raw | E | extend\_pub\_date | Publication date of exclusion extension announcement |
| China\_raw | F | extend\_eff\_date | Effective date of exclusion extension |
| China\_raw | G | extend\_flag | Indicator of extension: =1 (exclusion of this product is extended); =0 (exclusion of this product is not extended) |

**Notes:**

**\*Amendments:** USTR has made 16 rounds of technical amendments to previous exclusion announcements, including modifying product descriptions and updating product codes according to HTS system changes. All the amendment announcements can be found at [China Section 301-Tariff Actions and Exclusion Process | United States Trade Representative (ustr.gov)](https://ustr.gov/issue-areas/enforcement/section-301-investigations/tariff-actions). The 10-digit product codes in author’s dataset are updated based on these amendments.

**\*Extensions:** The exclusions granted normally expire one year after the initial effective date. USTR has granted extensions to certain products covered by previous exclusion announcements, which for the most cases extend the exclusions till December 31, 2020. There are three exceptions: 1) For List 1 Announcement 1, the end date of extension is December 28, 2020; 2) For List 1 Announcement 2, the end date of extension is March 25, 2021; and 3) List 1 Announcement 3, the end date of extension is April 18, 2021. The Chinese government has granted one-year extension to all products covered by Batch 1.

\***Multiple exclusion coverage**: For the most cases, exclusion is granted to one or more sub-products within a 10-digit product. Thus one 10-digit product code may appear more than once in an exclusion announcement (in the raw data we dropped duplicated observations within one exclusion announcement), and may be covered by multiple exclusion announcements (more than one indicator may be equal to 1 for a hs10 code in the US\_wide spreadsheet).

1. **US-China Trade Raw Data**

**Data source:**

US- US Census [USA Trade Online \* Home (census.gov)](https://usatrade.census.gov/)

China- Chinese Customs [海关统计数据查询平台](http://43.248.49.97/indexEn) and Trademap [Trade Map - Trade statistics for international business development](https://www.trademap.org/Index.aspx?nvpm=1%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c%7c)

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| **Economy** | **Economy Code** | **Excel Workbook File Name** | **Spreadsheet Name within Economy Workbook** | **Available Years of Data** |
| United States | USA | Trade Data Raw.xlsx | China imp from US, China exp to US | 2009-2020 |
| China | CHN | Trade Data Raw.xlsx | US exp to China, US imp from China | 2009-2020 |

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| **Spreadsheet Name** | **Column** | **Variable Name** | **Variable Description** |
| US exp to China | A | HS10 | US Schedule B product code |
| US exp to China | B | Industry | Product categories (Agriculture, Manufacturing, Energy, and Uncovered) defined by Phase One Deal Agreement Annex 6.1 |
| US exp to China | C-N | exp2009-exp2020 | US annual export to China from 2009-2020, in thousand USD dollars |
| US imp from China | A | HS10 | Harmonized System 10-digit product code |
| US imp from China | B-M | imp2009-imp2020 | US annual import from China from 2009-2020, in thousand USD dollars |
| China imp from US | A | HS08 | Harmonized System 8-digit product code |
| China imp from US | B | Industry | Product categories (Agriculture, Manufacturing, Energy, and Uncovered) defined by Phase One Deal Agreement Annex 6.1 |
| China imp from US | C-N | imp2009-imp2020 | China’s annual import from US from 2009-2020, in thousand USD dollars |
| China exp to US | A | HS08 | Harmonized System 8-digit product code |
| China exp to US | B-M | exp2009-exp2020 | China’s annual export to US from 2009-2020, in thousand USD dollars |