**Data Dairy**

Choropleth Map Project

Dec. 17, 2021

**Data Source**

ICE Statistics

Fiscal Year 2020 ICE Enforcement and Removal Operations Report - <https://www.ice.gov/doclib/news/library/reports/annual-report/eroReportFY2020.pdf>

Date Pulled: Dec. 17, 2021

CBP Statistics

<https://www.cbp.gov/newsroom/stats/southwest-land-border-encounters>

Date Pulled: Dec. 19, 2021

**Location**

Desktop/mapping\_data

ICE data: ICE\_Removals\_2018\_2020.xlsx

CBP data: title42.xlxs

**Scope**

ICE data: FY 2018 – FY 2020 ICE Removals by Country of Citizenship

CBP data: Title 42 data removals since inception (March 2020)

**Questions**

1. When will ICE ERO release 2021 data?
2. Is there even any data from ICE ERO or has it all shifted to CBP?

**Analysis**

1. Saved PDF of report, then used cleverpdf.com to convert Table X (FY 2018 – FY 2020 ICE Removals by Country of Citizenship) into excel, sheets Page27-Page32 contain data
2. Made copies of sheets, moved to a new workbook, saved as ICE\_Removals\_2018\_2020.xlsx
3. Cleaned data - deleted countries with no names, combined data into one sheet, Total
4. Used sum formula for total for 2018-2020
5. Entered CPB data from (<https://www.cbp.gov/newsroom/stats/southwest-land-border-encounters>) for 2020 Title 42 Expulsions into new sheet, Title 42
6. Added to 2020 total numbers (Mexico, El Salvador, Guatemala, Honduras, Other, Northern - added to Canada) in sheet, A-Z
   1. Note Other (8,783) is missing data
7. Copied data, pasted as values, into new new sheet, Final

Choropleth Map in Datawrapper

1. Select your map
   1. World (with dependent territories) - 37 errors
   2. **World (World Bank 2020) - 32 errors**
   3. World (with UK countries and dependent regions) - 35 errors
2. Add your data
   1. Matched names
   2. No Taiwan - 120
3. Visualize
   1. Refine
      1. Because four countries comprise the majority of the data out of 192 countries, I designed a 3 step interpolation where I customized the ranges.
      2. The four countries are captured in the >9,000 range, there are 22 countries in the 500-9,000 range and 165 countries >500
         1. I have included descriptive statistics in the Description section highlighting the impact of the top four countries’ data as well
4. Added a bar chart of Title 42 deportations for 2020-2022