



# GLOBAL TRADE ANALYSIS

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# PROJECT

1988-2021

6 CONTINENTS

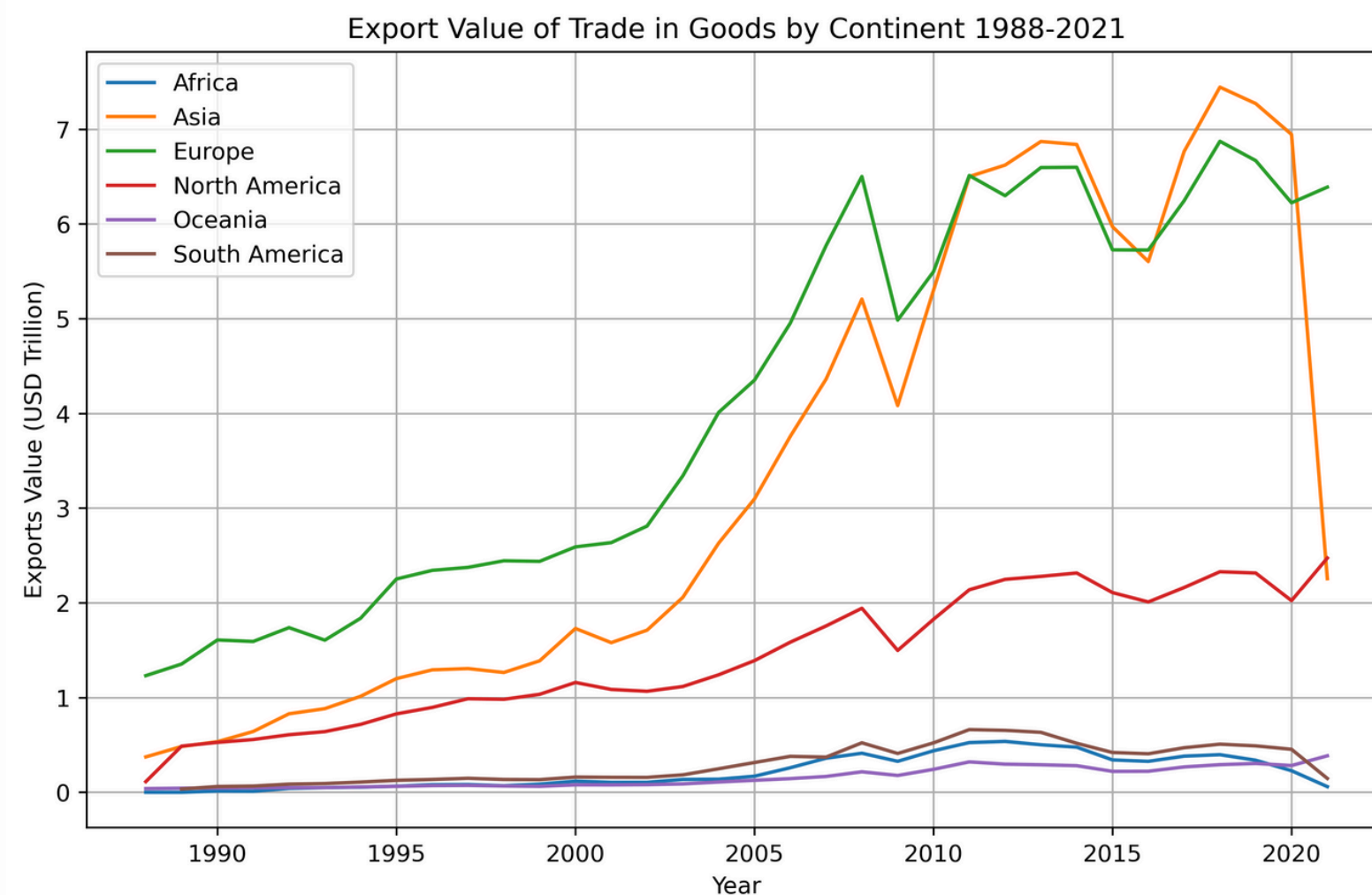
207 COUNTRIES

- Online international trade data for countries (and territories) worldwide
- Separate continental data to assign to countries
- Processed and analysed using SQL & Python



# CONTINENTAL TRADE

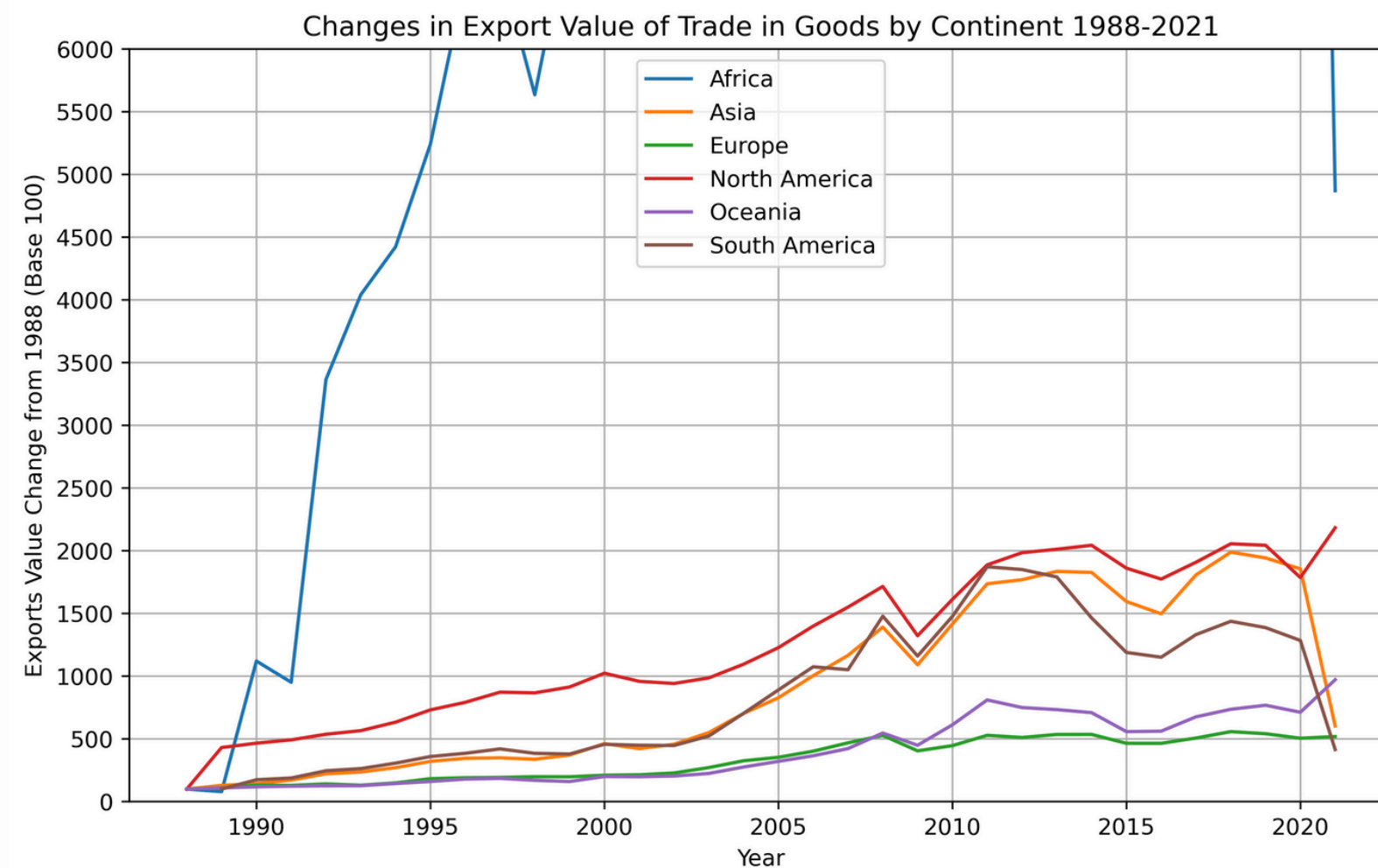
## TOTAL TRADE



- Largest growth and value of world trade with Europe and Asia
- Rapid downward spikes at notable periods e.g. 2008 & 2020
- Growth of lower exporting continents not easily visible...

# CONTINENTAL TRADE

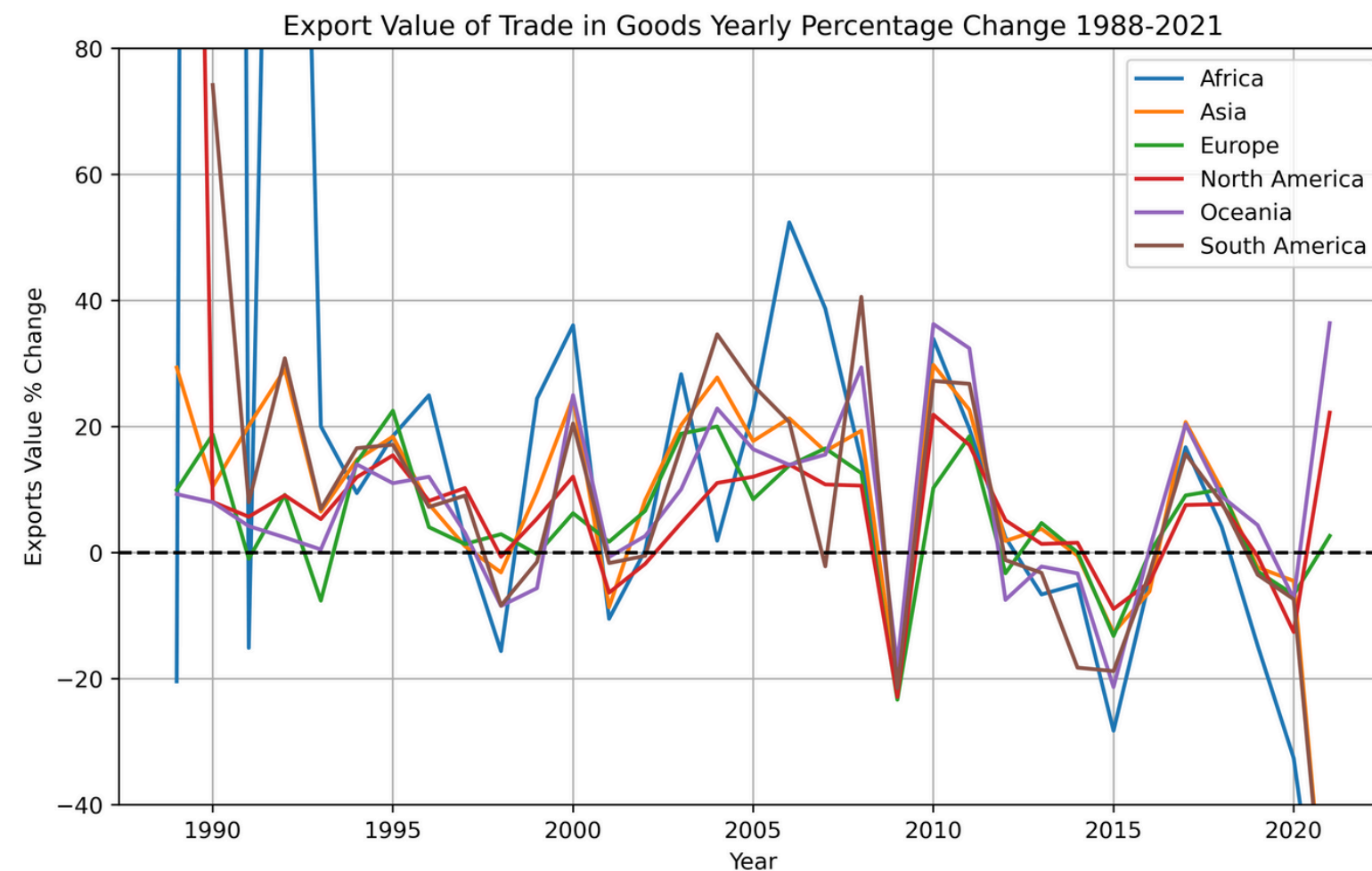
## TRADE GROWTH OVER TIME



- Growth compared with 1988 level
- Africa with most relative growth by far, but returns to comparable range by 2021. Europe lowest relative growth since 1988
- Relative growth more comparable across continents than total
- Changes in relative trade seems to follow a similar pattern for most continents...

# CONTINENTAL TRADE

## YEAR ON YEAR CHANGES



- Yearly changes in trade follow similar patterns across all continents
- Higher and more consistent growth at start and middle of period - indication of trade globalisation slowing
- Some continents with more volatility than others: Africa highest volatility of trade, Europe lowest

# INTERNATIONAL TRADE

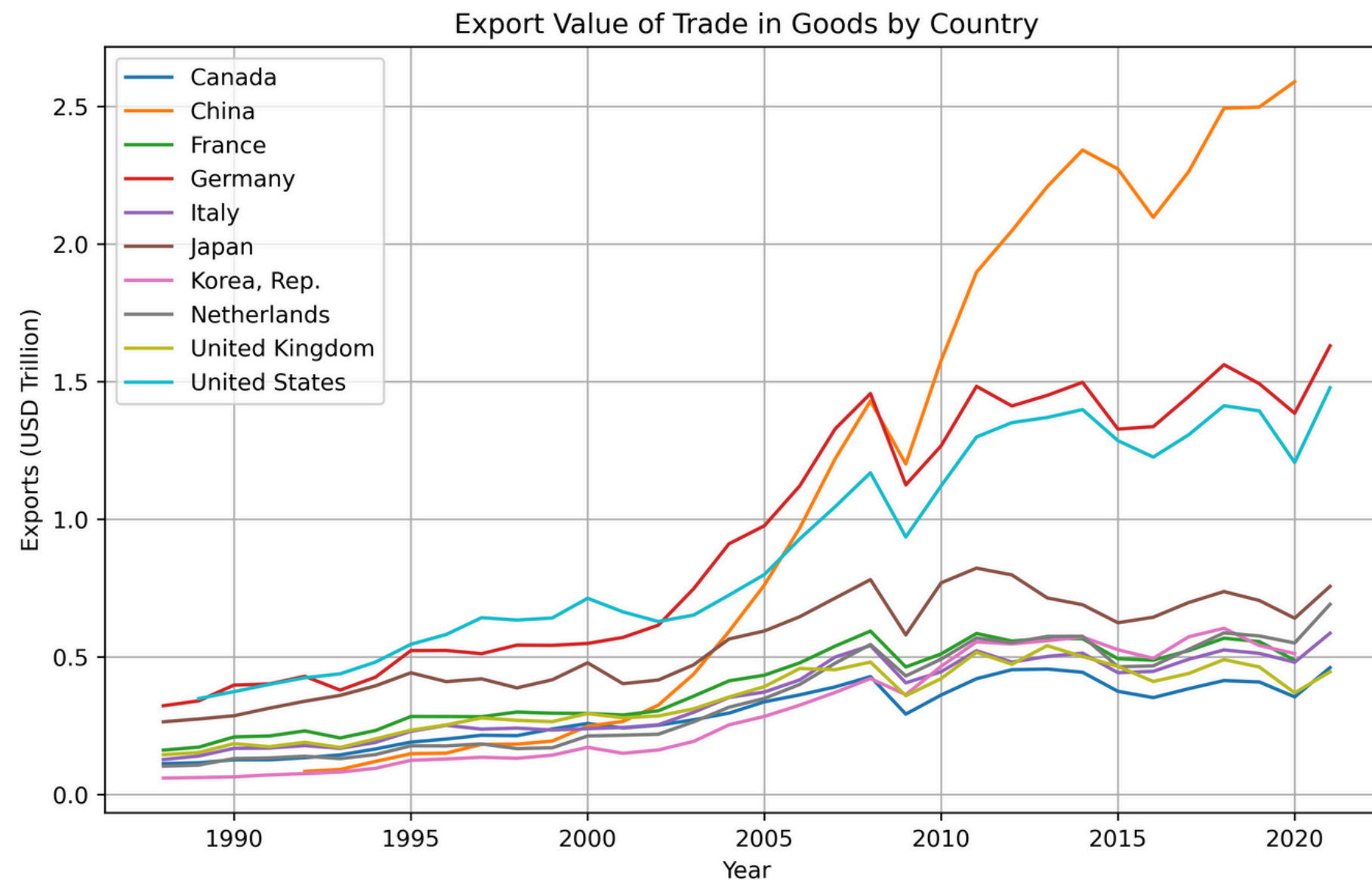
## TOP EXPORTING COUNTRIES

Rank	Country	Average Yearly Exports 1988-2010 (USD)	Country	Average Yearly Exports 2010-2021 (USD)
1	Germany	670,813,663,553	China	2,208,555,547,519
2	United States	656,479,499,327	Germany	1,441,496,057,731
3	China	478,599,283,412	United States	1,321,477,672,028
4	Japan	453,347,735,464	Japan	717,253,705,236
5	France	320,498,765,010	Netherlands	552,824,376,497
6	United Kingdom	281,850,767,997	Korea, Rep.	541,602,211,909
7	Italy	271,416,098,262	France	537,286,648,595
8	Netherlands	236,758,755,856	Italy	496,673,840,240
9	Canada	233,068,356,293	United Kingdom	462,197,111,056
10	Korea, Rep.	176,422,847,438	Russian Federation	427,649,076,289
	Sum Total	3,779,255,772,617	Sum Total	8,707,016,247,104

- Top 10 goods exporting countries not changed significantly, but have changed order
- Average yearly exports value more than doubled in the second period for top 10
- China more than 4.5 times trade value in the second period than the first

# INTERNATIONAL TRADE

## TOP EXPORTING COUNTRIES



- Majority of top exporting countries with similar levels of exports and growth in exports
- China, Germany, and United States standout increases
- Export values more spread among the top 10 later in the period



# INTERNATIONAL TRADE

## TOP EXPORTING RELATIONSHIPS

Rank	Exporter -> Importer	Average Yearly Exports 1988-2010 (USD)	Exporter -> Importer	Average Yearly Exports 2010-2021 (USD)
1	Canada -> United States	189,754,745,304	China -> United States	402,046,001,211
2	United States -> Canada	138,540,648,947	Mexico -> United States	322,944,347,033
3	Japan -> United States	117,550,033,282	China -> Hong Kong, China	309,115,715,067
4	Mexico -> United States	115,124,334,219	Canada -> United States	308,136,159,703
5	China -> United States	93,324,178,959	United States -> Canada	239,299,530,508
6	China -> Hong Kong, China	79,335,109,912	United States -> Mexico	184,950,785,362
7	United States -> Mexico	74,418,155,860	Hong Kong, China -> China	153,096,097,983
8	Germany -> France	71,921,771,893	China -> Japan	143,466,384,026
9	Netherlands -> Germany	58,675,938,894	Korea, Rep. -> China	139,426,273,587
10	Belgium -> Germany	57,637,813,228	Japan -> China	136,530,707,130

- Geographically local relationships dominate top 10 trade relationships
- No European trading relationships in second period top 10 (3 in first period)
- United States and China major exporters and importers