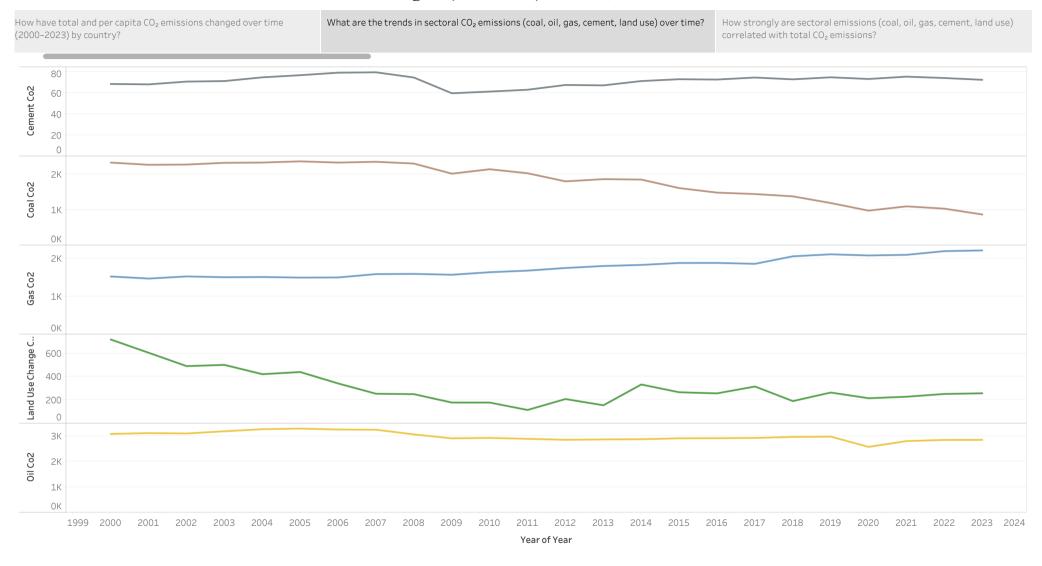
How have total and per capita CO<sub>2</sub> emissions changed over time (2000–2023) by country? What are the trends in sectoral CO<sub>2</sub> emissions (coal, oil, gas, cement, land use) over time? How strongly are sectoral emissions (coal, oil, gas, cement, land use) correlated with total CO<sub>2</sub> emissi... Country Dominica Saint Kitts and Nevis Saint Vincent and th.. Grenada Saint Lucia Belize Antigua and Barbuda Barbados Bahamas Haiti Nicaragua El Salvador Costa Rica Honduras Jamaica Panama Guatemala Dominican Republic Cuba Trinidad and Tobago Mexico Canada United States 70K 80K 90K 100K 110K 120K 130K 10 16 18 22 50K 60K 24 26 28

Avg. Co2 Per Capita

Co2



What are the trends in sectoral  $CO_2$  emissions (coal, oil, gas, cement, land use) over time?

How strongly are sectoral emissions (coal, oil, gas, cement, land use) correlated with total  $CO_2$  emissions?

What is the correlation between GDP, energy consumption, and  ${\rm CO_2}$  emissions?

Country	Cement_Correlation	Coal_Correlation	Gas_Correlation	Land_Correlation	Oil_Correlation	Correlation Measur
Antigua and Barbuda				1.000	1.000	Correlation Measur
Bahamas		-0.384		1.000	1.000	
Barbados	0.036		0.382	1.000	0.988	3
Belize			0.140	1.000 _	0.999	Ð
Canada	0.420	0.496	-0.300	1.000	0.758	3
Costa Rica	0.158	-0.397		1.000	0.979	
Cuba	0.574	0.248	0.455	1.000	0.989	Ð
Dominica				1.000	1.000	
Dominican Republic	0.921	0.885	0.911	1.000	0.543	
El Salvador	-0.166	-0.060	0.774	1.000	0.995	
Grenada				1.000	1.000	
Guatemala	0.741	0.869		1.000	0.944	
Haiti	0.101			1.000	0.999	
Honduras	0.850	-0.591		1.000	0.997	
Jamaica	-0.805	-0.632	-0.526	1.000	0.963	
Mexico	0.681	0.775	0.584	1.000	0.164	
Nicaragua	0.175			1.000	0.997	
Panama	0.319	0.654	0.637	1.000	0.689	
Saint Kitts and Nevis				1.000	1.000	
Saint Lucia				1.000	1.000	
Saint Vincent and th		_		1.000	1.000	
Trinidad and Tobago	0.236		0.996	1.000	0.586	
United States	0.396	0.952	-0.895	1.000	0.887	7

How strongly are sectoral emissions (coal, oil, gas, cement, land use) correlated with total  $CO_2$  emissions?

What is the correlation between GDP, energy consumption, and  ${\rm CO_2}$  emissions?

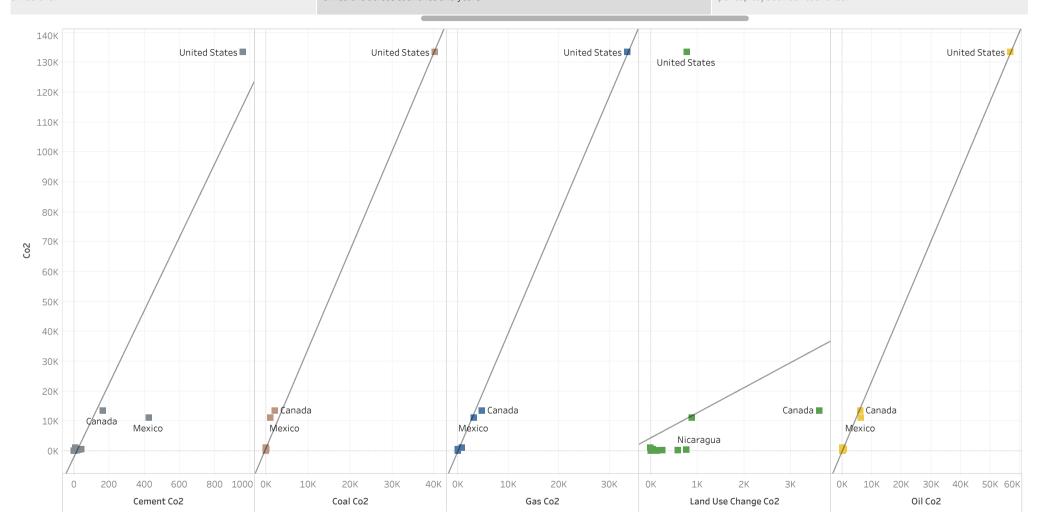
How do sectoral emissions (coal, oil, gas, cement, land use) individually relate to  $CO_2$  emissions across countries and years?



What is the correlation between GDP, energy consumption, and  $\mathrm{CO}_2$  emissions?

How do sectoral emissions (coal, oil, gas, cement, land use) individually relate to  $CO_2$  emissions across countries and years?

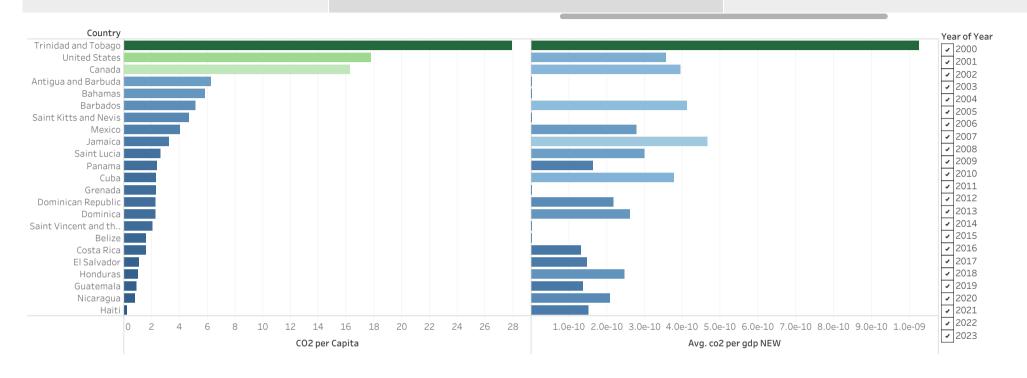
Are there significant differences in emissions intensity (CO<sub>2</sub> per GDP, CO<sub>2</sub> per capita) between countries?

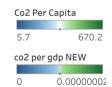


How do sectoral emissions (coal, oil, gas, cement, land use) individually relate to CO<sub>2</sub> emissions across countries and years?

Are there significant differences in emissions intensity ( $CO_2$  per GDP,  $CO_2$  per capita) between countries?

What is the share of each sector (coal, oil, gas, cement, land use) in total CO<sub>2</sub> emissions?

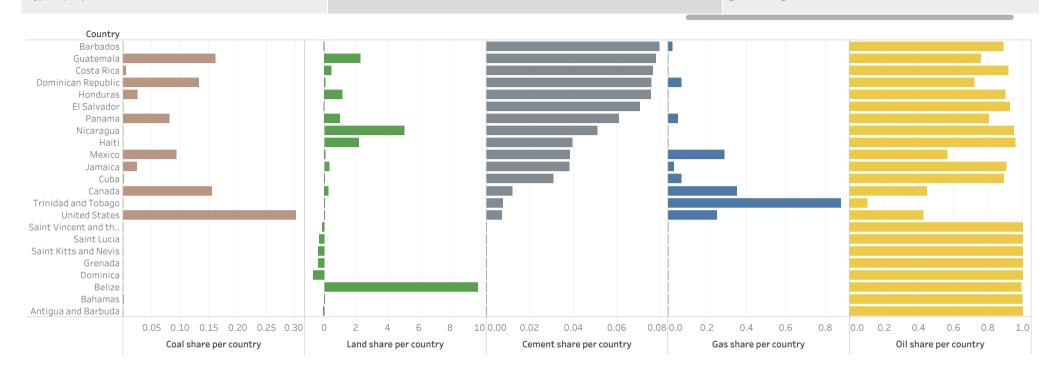




Are there significant differences in emissions intensity ( $CO_2$  per GDP,  $CO_2$  per capita) between countries?

What is the share of each sector (coal, oil, gas, cement, land use) in total  ${\rm CO_2}$  emissions?

What is the contribution of methane and nitrous oxide to total greenhouse gas emissions?



Are there significant differences in emissions intensity ( $CO_2$  per GDP,  $CO_2$  per capita) between co..

What is the share of each sector (coal, oil, gas, cement, land use) in total CO<sub>2</sub> emissions?

What is the contribution of methane and nitrous oxide to total greenhouse gas emissions?

Haiti	Trinidad and Tobago  Honduras	Guatemala	Mexico	Saint Vincent and the Grenadines	Nicaragua
El Salvador  Cuba	Dominica	Panama	Saint Lucia	Canada	Bahamas
Dominican Republic	Costa Rica	Saint Kitts and Nevis	Barbados  Antigua and E	United States  Barbuda  Belize	Jamaica

Nitrous Oxio	le Share pe.
0.0205	0.1307