

Threatened Species by Country

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Questions our visualizations will answer:

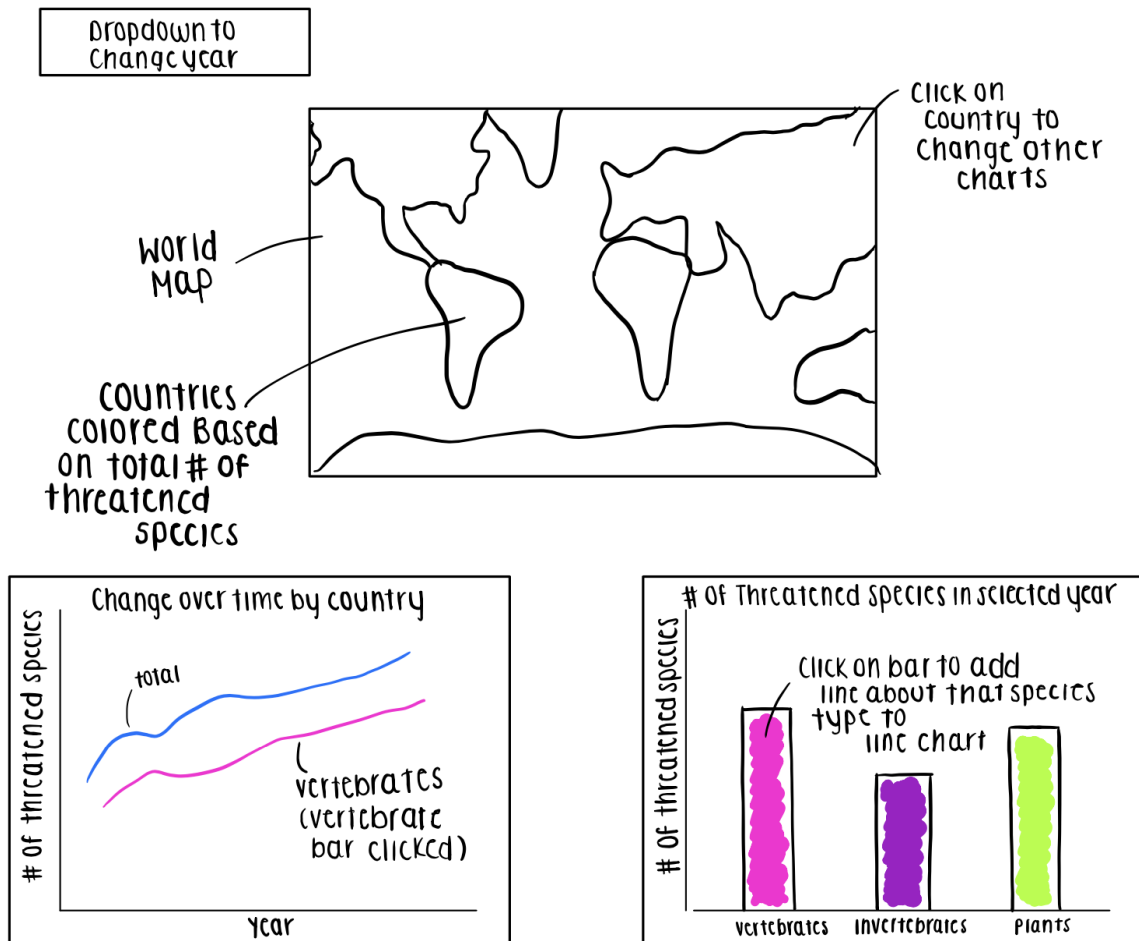
1. What are global trends overtime of threatened species?
2. In which countries is the number of threatened species highest and lowest?
3. How has the total number of threatened species in different countries changed over time?
4. How many threatened species of the different types (vertebrates, invertebrates, and plants) are there in each country by year?

Screen capture of dataset:

This screen capture shows the information provided for Afghanistan in the dataset which provides the number of threatened vertebrates, invertebrates and plants from 2004-2020. This information is also provided for over 200 other countries in the dataset. With this information, we can answer the questions posed above through visualizations.

	A	B	C	D	E
1	Region/Country/Area Code	Region/Country/Area	Year	Series	Number of threatened Species
2	4	Afghanistan	2004	Threatened Species: Vertebrates (number)	31
3	4	Afghanistan	2010	Threatened Species: Vertebrates (number)	31
4	4	Afghanistan	2016	Threatened Species: Vertebrates (number)	35
5	4	Afghanistan	2017	Threatened Species: Vertebrates (number)	35
6	4	Afghanistan	2018	Threatened Species: Vertebrates (number)	34
7	4	Afghanistan	2019	Threatened Species: Vertebrates (number)	33
8	4	Afghanistan	2020	Threatened Species: Vertebrates (number)	33
9	4	Afghanistan	2004	Threatened Species: Invertebrates (number)	1
10	4	Afghanistan	2010	Threatened Species: Invertebrates (number)	1
11	4	Afghanistan	2016	Threatened Species: Invertebrates (number)	2
12	4	Afghanistan	2017	Threatened Species: Invertebrates (number)	2
13	4	Afghanistan	2018	Threatened Species: Invertebrates (number)	2
14	4	Afghanistan	2019	Threatened Species: Invertebrates (number)	2
15	4	Afghanistan	2020	Threatened Species: Invertebrates (number)	2
16	4	Afghanistan	2004	Threatened Species: Plants (number)	1
17	4	Afghanistan	2010	Threatened Species: Plants (number)	2
18	4	Afghanistan	2016	Threatened Species: Plants (number)	5
19	4	Afghanistan	2017	Threatened Species: Plants (number)	5
20	4	Afghanistan	2018	Threatened Species: Plants (number)	5
21	4	Afghanistan	2019	Threatened Species: Plants (number)	5
22	4	Afghanistan	2020	Threatened Species: Plants (number)	5
23	4	Afghanistan	2004	Threatened Species: Total (number)	33
24	4	Afghanistan	2010	Threatened Species: Total (number)	34
25	4	Afghanistan	2016	Threatened Species: Total (number)	42
26	4	Afghanistan	2017	Threatened Species: Total (number)	42
27	4	Afghanistan	2018	Threatened Species: Total (number)	41
28	4	Afghanistan	2019	Threatened Species: Total (number)	40
29	4	Afghanistan	2020	Threatened Species: Total (number)	40
30	248	Åland Islands	2020	Threatened Species: Vertebrates (number)	0

Sketch of Storyboard:



Distribution of work:

- Global threatened species map visualization -- Christina
- Threatened species over time visualization (line chart) - Anna
- Number of threatened species by type in a specific country/year (bar chart) -- Grace
- All group members will work to edit the CSS file/ create the website template and link the visualizations to each other

Link to Github repository: <https://github.com/bolgera129/VisFinalProject.git>