

War Casualties (1989-2022)

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Description

- Data Source: <https://ourworldindata.org/war-and-peace>
- The source is reliable since it's trusted by major companies:
- **The Washington post**
- **Wall Street Journal**
- **Royal Statistical Society**
- **Harvard University**



Data Cleaning

- Deleted Column: “Code”
- It was redundant, because the “Country” column already tells us the name.



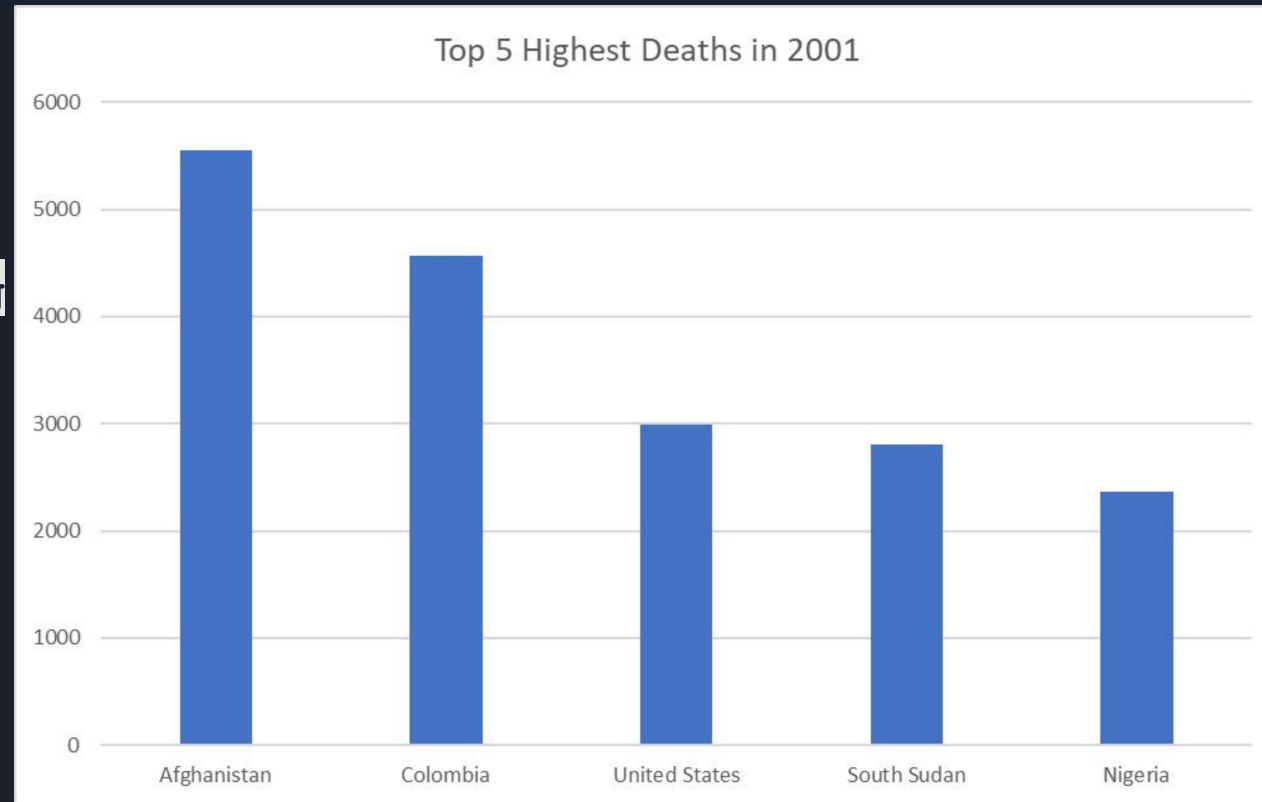
Questions

1. Which country had the highest deaths in 2001?
2. How many total deaths were in Afghanistan during 2003 – 2006?
3. How did the Somali Civil casualties change between 1991 and 2021?
4. How many Russian and Ukraine casualties were there in total from 2021-2022?
5. What are the top 5 deadliest years and their corresponding countries based on the number of deaths?

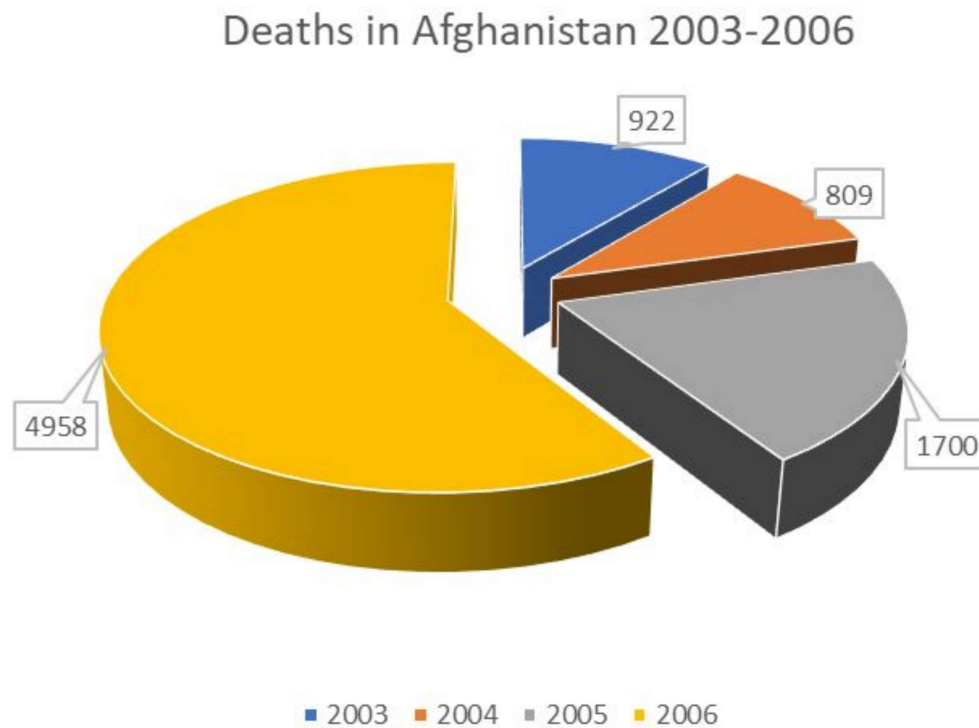
Which country had the highest deaths in 2001?

```
● SELECT * FROM `WarData`  
WHERE Year = 2001  
ORDER BY `Deaths in ongoing  
conflicts` DESC;
```

Answer:
Afghanistan



How many total deaths were in Afghanistan during 2003 – 2006?



- ```
SELECT SUM(Deaths)
FROM `WarData`
WHERE (Year BETWEEN
2003 AND 2006) AND
Entity = "Afghanistan"
```

Answer: 8389 Total Deaths



How did the Somali Civil casualties change between 1991 and 2021?

- ```
SELECT * FROM WarData  
WHERE (Entity =  
'Somalia') AND (Year =  
1991 OR Year = 2021)
```

- Answer: **73.23% decrease**
- **(6196 decrease in deaths)**




How many Russian and Ukraine casualties were there in total from 2021-2022?

Answer: 82,866 total deaths
from both countries.

- ```
SELECT SUM(Deaths)
FROM WarData WHERE
(Entity = 'Russia' OR
Entity = 'Ukraine')
AND (Year = 2022 OR
Year = 2021)
```





What are the top 5 deadliest years and their corresponding countries based on the number of deaths?

1. Rwanda-1994
2. Ethiopia-2022
3. Ukraine-2022
4. Syria-2014
5. Syria-2013

```
● SELECT * FROM WarData
ORDER BY Deaths DESC LIMIT
5;
```



# SQL Queries & Results

- ```
SELECT * FROM `WarData`  
WHERE Year = 2001  
ORDER BY `Deaths in ongoing conflicts` DESC;
```
- ```
SELECT SUM(Deaths) FROM `WarData`
WHERE (Year BETWEEN 2003 AND 2006) AND Entity = "Afghanistan"
```
- ```
SELECT * FROM WarData WHERE (Entity = 'Somalia') AND (Year = 1991 OR Year  
= 2021)
```
- ```
SELECT SUM(Deaths) FROM WarData WHERE (Entity = 'Russia' OR Entity =
'Ukraine') AND (Year = 2022 OR Year = 2021) SELECT * FROM WarData ORDER
BY Deaths DESC LIMIT 5;
```



# Conclusion

- We learned about the number of casualties between:
- 1989–2022 & Different countries
- The SQL queries posed a challenge, but through persistence and teamwork, we overcame the obstacle.
- We would make these changes:
- Come up with more meaningful questions
- A more dynamic and polished presentation