Attack on Europe 2022

ORYX

Starting Page

Overall Military

Military Families

Item Searcher

703
Invasion Time (days)

19K
Total Equipment Lost

stycznia 28, 2024
Report Date

HISTORY CONTEXT

On the 24th of February 2022, the Russian Federation, led by President Vladimir Putin, initiated a second invasion of Ukraine. This military endeavor was officially termed a "**Special Military Operation**" and was ostensibly framed as an effort to achieve "**demilitarization**" and "**denazification**" within the "**Fascist Kiev Government**".

OBJECTIVE & SOURCES

The main objective of the project is to create an analytical dashboard for easily comparing equipment losses during the Second Russo-Ukrainian War. The data source for the project is the **Netherlands Blog Oryx**, which specifically gathers visually confirmed losses suffered by both parties involved in the conflict. The system for collecting data is detailed in the Web Scraper directory. To verify the source, users can click on either the Ukrainian or Russian flag in the Control Panel. The project is designed with four report

ASSUMPTIONS

1. Some types of military assets types has been removed due to insignificant numbers in overall analysis, like "Mortars" or "Fuel Trains",
2. Every military equipment has one branch of Armed Forces assigned to it. There are three possible branches: Land, Air and Naval.
3. Some military assets had to be reclassified due to the fact, that some of them were bound to different category in certain dates (generated issues related to relations in tables) [more you can find in Power Query Editor in factEquipment Losses table code]),
4. There are four type of fates that equipment can "suffer": destroyed,

14115 Total Equipment Lost…	**5071** Total Equipment Lost UA
9855 Total Equipment Des…	**3498** Total Equipment Destro…
69,82% Destroyed to All (%) …	**68,98%** Destroyed to Lost UA (%)
95,83% Land Losses to All L…	**92,09%** Land Losses to All Loss…
4,03% Air Losses To All Los…	**7,36%** Air Losses to All Losses …
0,14% Naval Losses To All …	**0,55%** Naval Losses to All Loss…
386 Eq Lost Increment RU	**158** Equipment Lost Increme…

ORYX

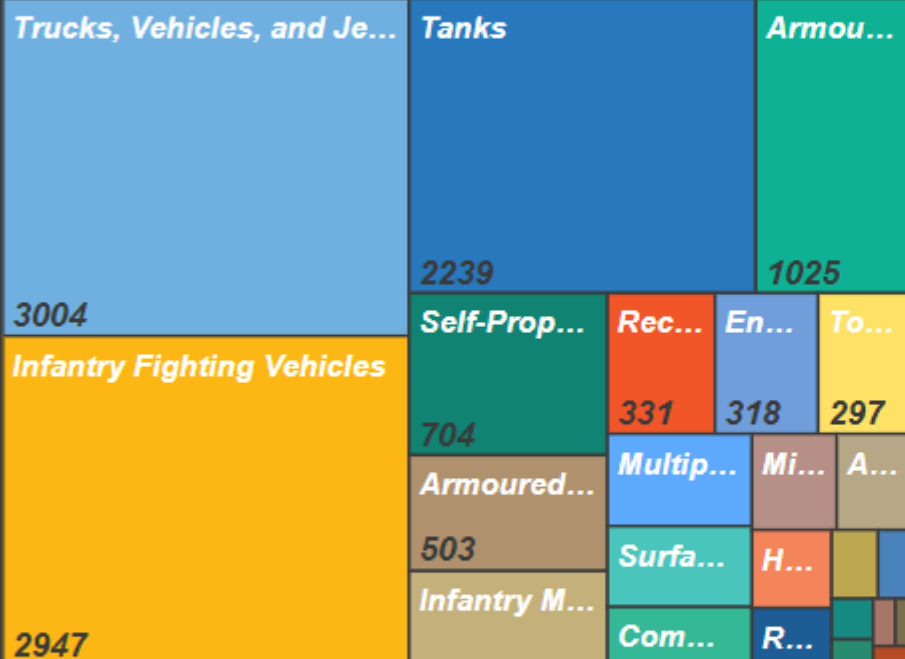| 19K	13K	69,60%	544	48,40%
Total Equipment Lost	Total Equipment Destroyed	Destroyed to Lost (%)	Eq Lost Increment	Soviet Prod Lost to Other (%)

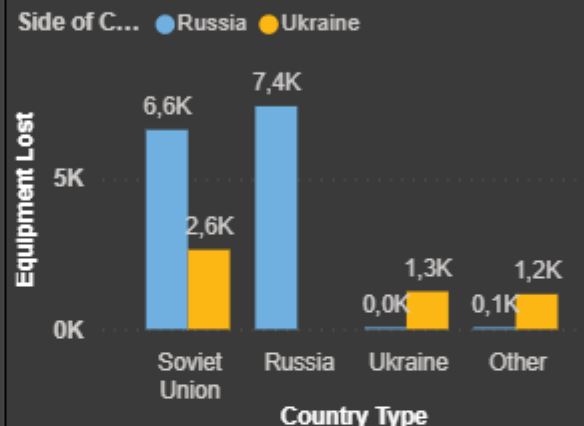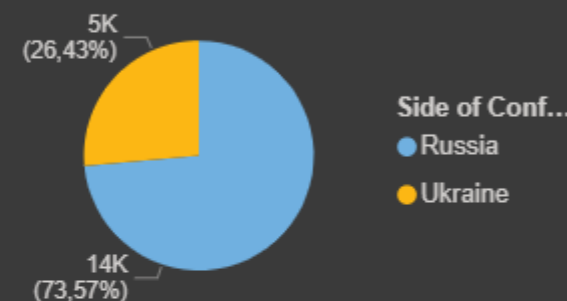## Equipment destroyed of Armed Forces by Equipment Type.

Trucks, Vehicles, and Je...
3004

Infantry Fighting Vehicles
2947

Tanks
2239

Self-Prop...
704

Rec...
331

En...
318

To...
297

Armoured...
503

Multip...

Mi...

A...

Surfa...

H...

Infantry M...

Com...

R...

Armou...
1025

Branch

Air

Land

Naval

Equipment lost of Army by Production Country and Side of Conflict.

Side of C... ● Russia ● Ukraine

- 6,6K (Soviet Union, Russia)
- 2,6K (Soviet Union, Ukraine)
- 7,4K (Russia, Russia)
- 0,0K (Ukraine, Russia)
- 1,3K (Ukraine, Ukraine)
- 0,1K (Other, Russia)
- 1,2K (Other, Ukraine)

Country Type

Equipment lost of Army by Side of Conflict.

5K (26,43%)

14K (73,57%)

Side of Conf...
● Russia
● Ukraine

Equipment lost of Army by Fate and Side of Conflict.

Side of Conflict ● Russia ● Ukraine

Fate		
destroyed	9,9K (Russia)	3,5K (Ukraine)
captured	2,9K (Russia)	1,0K (Ukraine)
damaged	1,2K (Russia)	0,6K (Ukraine)
abandoned	0,7K (Russia)	0,2K (Ukraine)

0K 2K 4K 6K 8K 10K

Equipment Lost

Control Panel

ORYX
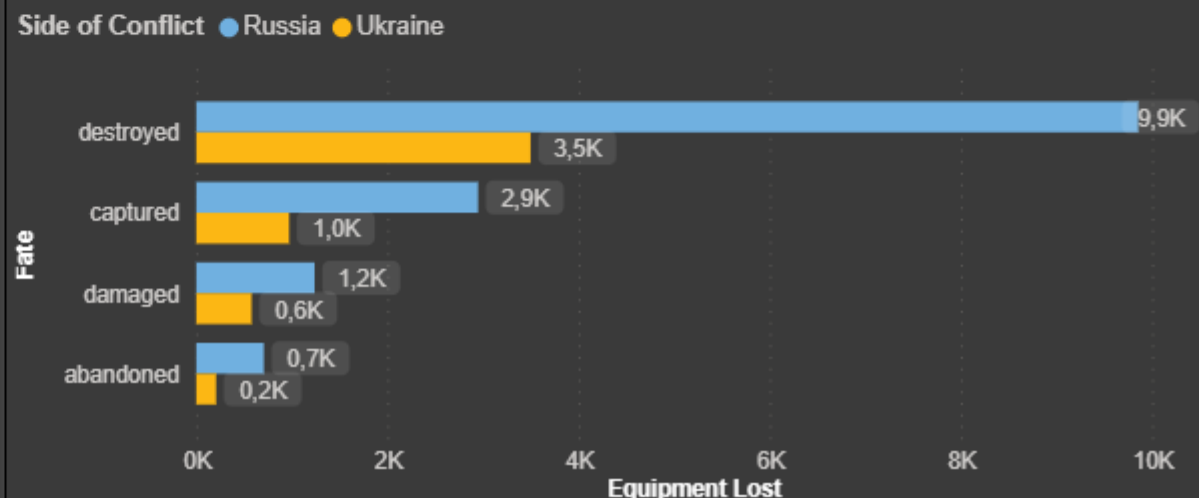
181 Total Equipment Lost

90,61% Destroyed to Lost (%)

19,21% Lost to All in Branch (%)

74,59% Soviet Prod Lost to Other (%)

5,32% Lost Equipment To Tanks (%)
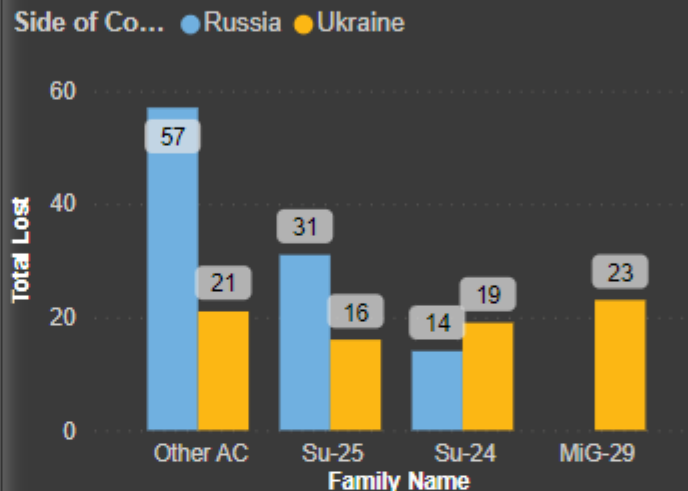
Equipment Type

Aircraft
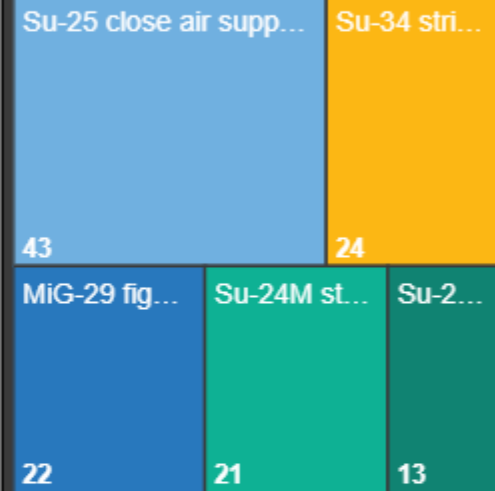
Family Name

MiG-29

Other AC

Su-24

Su-25

Increment since last date of Aircraft forces by country

Russia

3

Ukraine

2

Total lost of Aircraft by family names and side of conflict

Side of Co... ● Russia ● Ukraine

Family Name	Russia	Ukraine
Other AC	57	21
Su-25	31	16
Su-24	14	19
MiG-29		23

Total Lost (axis: 0, 20, 40, 60)

Top 5 destroyed of equipment in

Su-25 close air supp... 43

Su-34 stri... 24

MiG-29 fig... 22

Su-24M st... 21

Su-2... 13

Lost equipment of Aircraft by fate and side of conflict.

Side of Conflict ● Russia ● Ukraine

Fate Name	Russia	Ukraine
destroyed	88	76
damaged	14	2
captured		1

Total lost (axis: 0, 20, 40, 60, 80)

Lost equipment of Aircraft by Production Country and side of conflict.

43 (24%)   3 (2%)

135 (75%)

Country Type
● Soviet Union
● Russia
● Other

ORYX
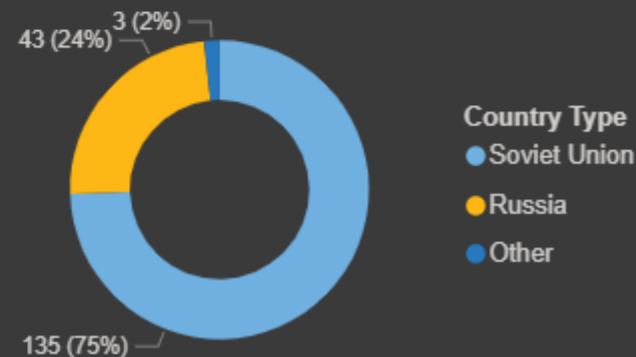
Searcher Portair...
Army

18K
Valid Entries

19K
Total Equipment Lost

27,29
Equipment Lost Per Day

703
Invasion Time (days)

Starting Page

Overall Military

Military Families

Item Searcher

Side of Conflict

Russia

Ukraine

All Equipment

All

Country Production Place

All

Fate Name

All

Entry Num	Equipment Type	Full Name	Source Name	Country Flag
60934	Tanks	Unknown T-54/55	Twitter	
60935	Tanks	T-55A	Postimg	
60936	Tanks	T-62 Obr. 1967	Postimg	
60937	Tanks	T-62 Obr. 1972	Postimg	
60938	Tanks	T-62M	Twitter	
60939	Tanks	T-62M	Postimg	
60940	Tanks	T-62M	Twitter	

Count Matching Entries by Proof Source

2584 (14,39%)

15369 (85,57%)

Source Name
- Postimg
- Twitter
- Other
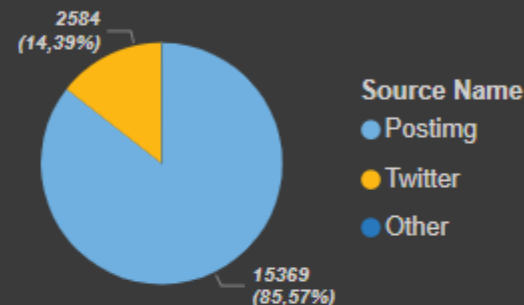
Total Equipment Lost by Side of Conflict

Russia

Ukraine

14K

5K