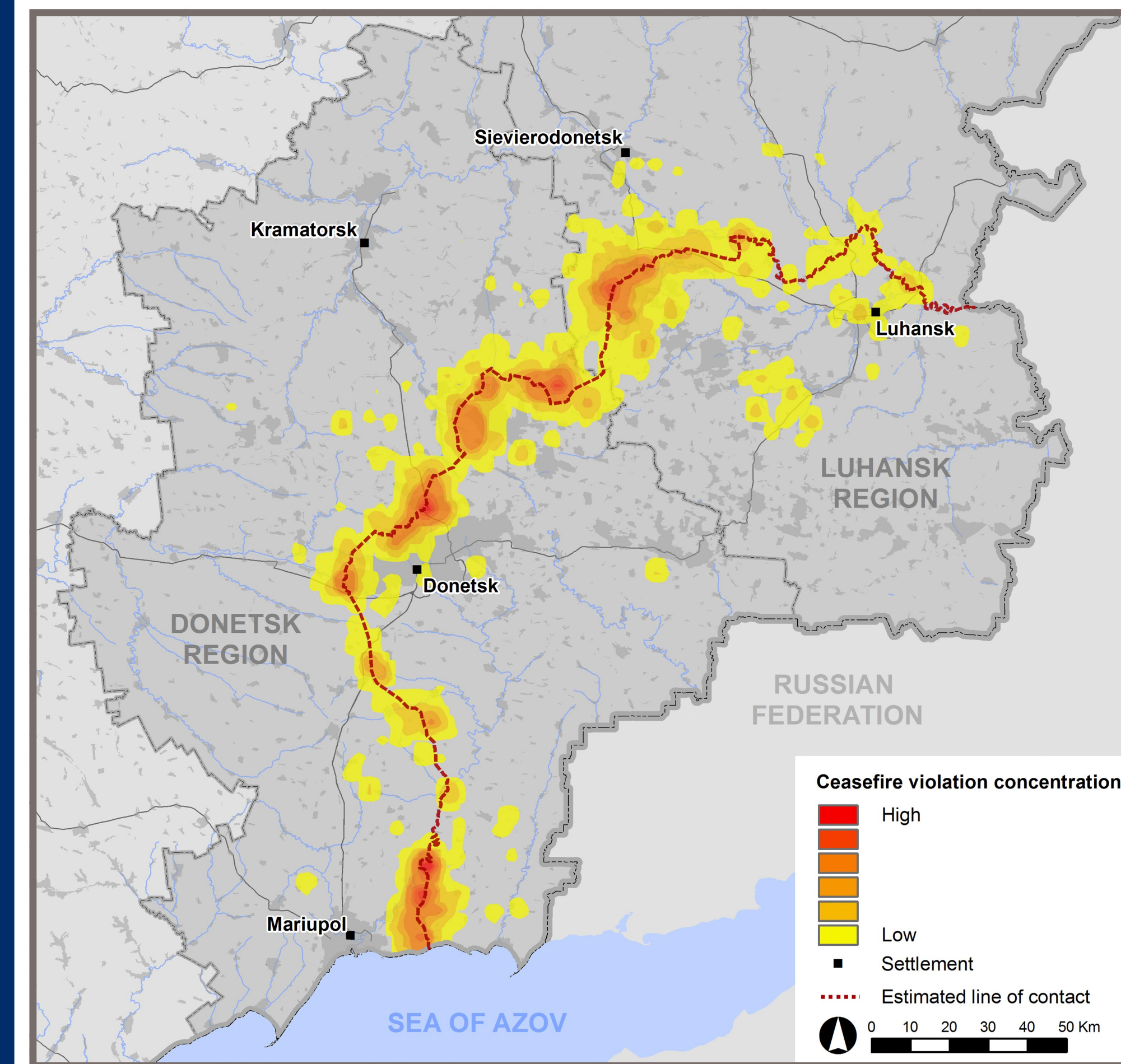
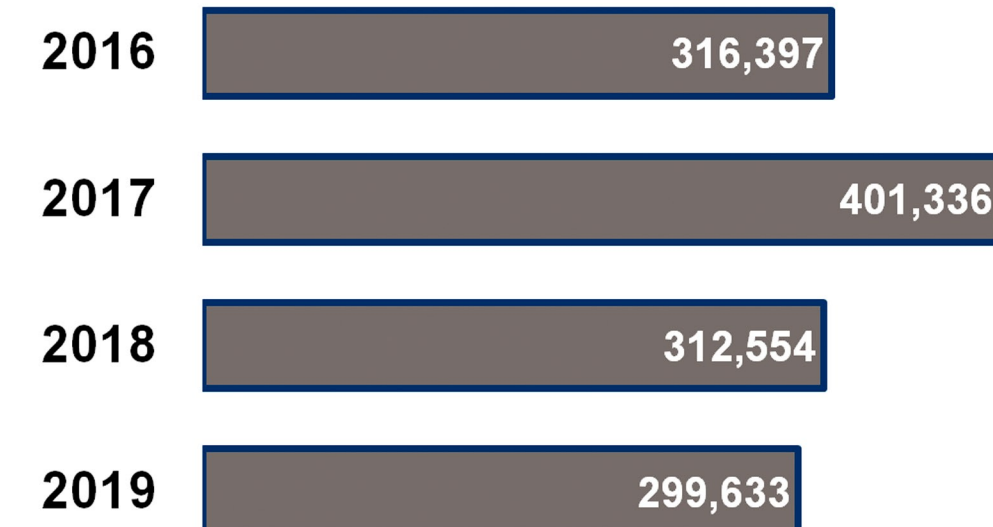


Ceasefire violations (CFVs)



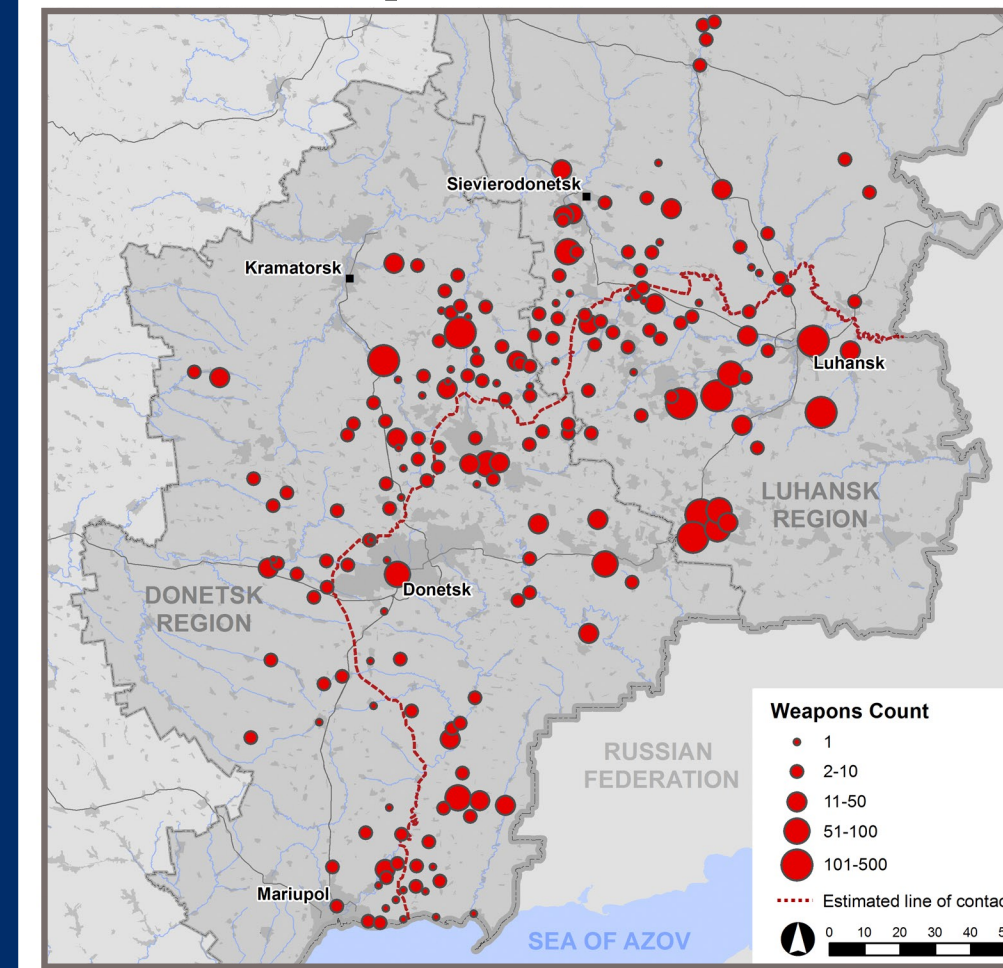
Comparison by years



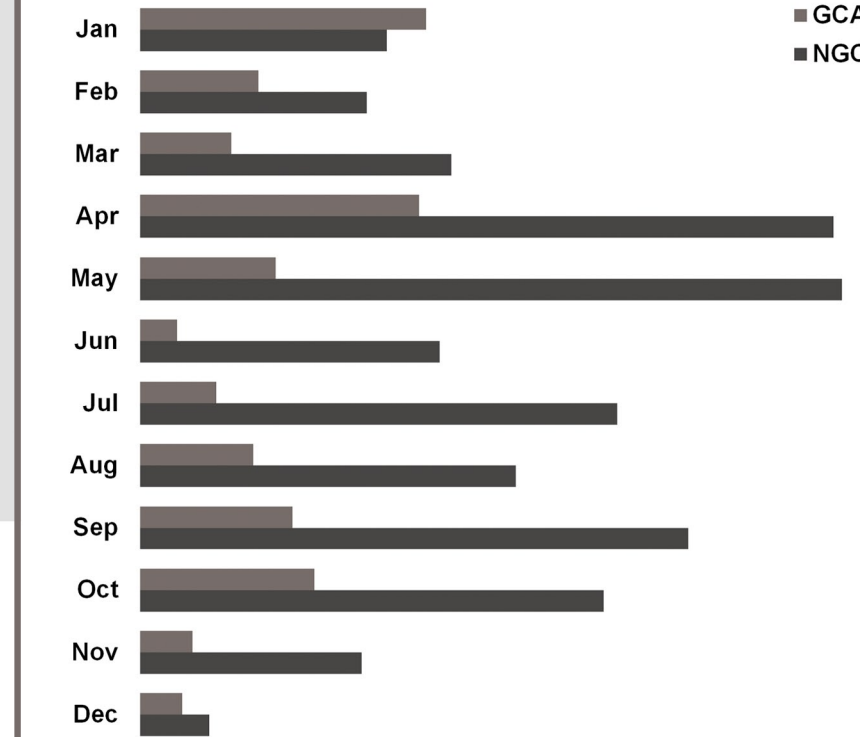
Recommitments to ceasefire

Date of recommitment	Decrease of CFVs (%)	Days before number of CFVs reaches half of that prior to recommitment	Days before number of CFVs exceeds that prior to recommitment
8 Mar	61%	2	4
21 Jul	80%	24	40

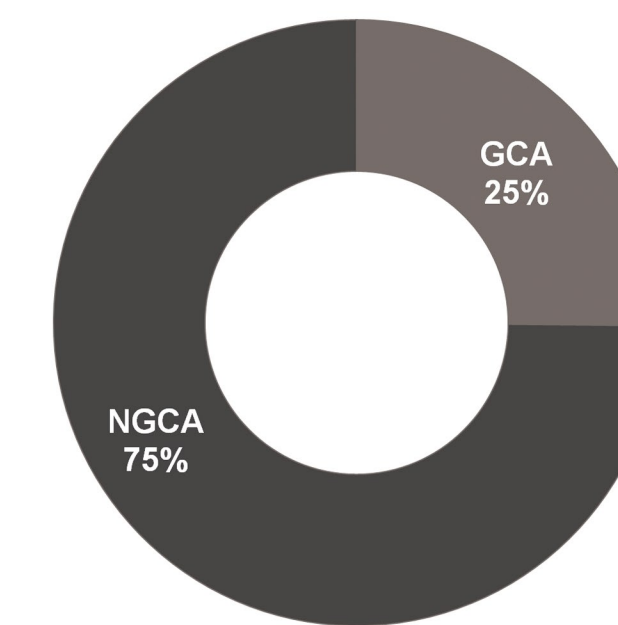
Weapons in violation of withdrawal lines



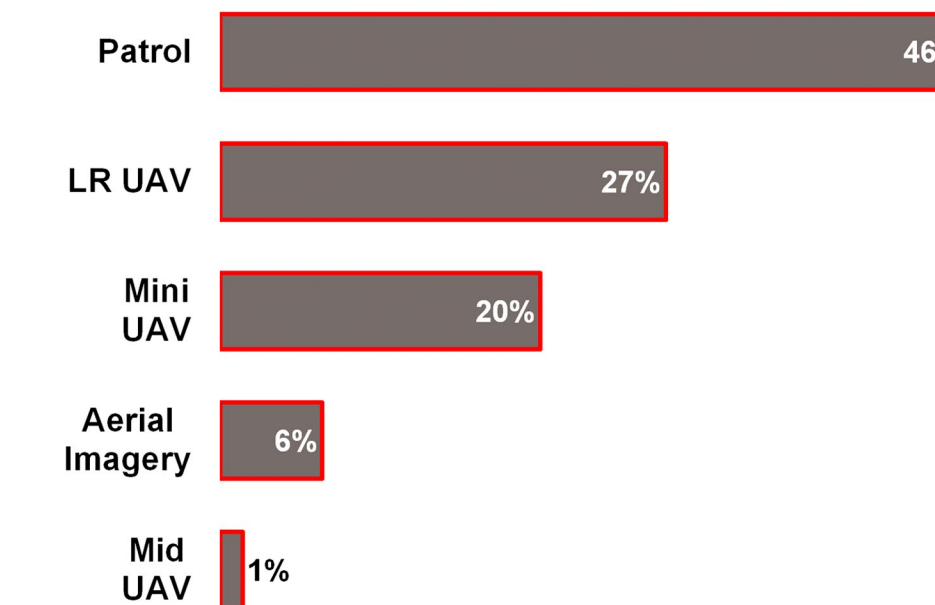
by month



by control



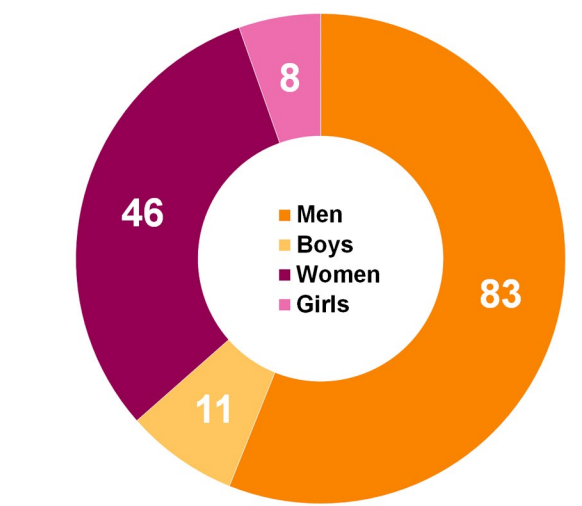
by source of observation



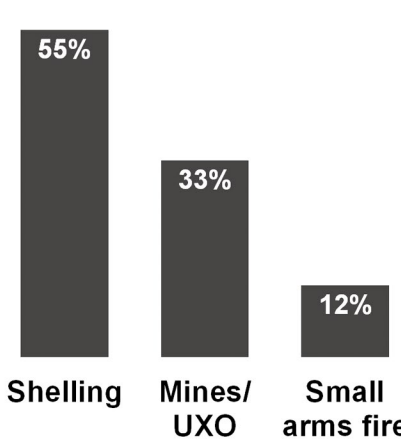
Civilian casualties



by age and gender



by cause



Main trends:

In 2019, the number of ceasefire violations recorded along the contact line decreased by four per cent compared with 2018 and 25 per cent compared with 2017. In addition, the Mission recorded 61 per cent fewer explosions attributed to weapons that should have been withdrawn according to the Minsk agreements, compared with 2018.

Most of the armed violence recorded in 2019 was concentrated in five hotspots along the contact line, which accounted for about 90 per cent of all recorded ceasefire violations:

- 1) Areas east and north-east of Mariupol
- 2) Avdiivka-Yasynuvata-Donetsk airport area
- 3) Popasna-Kalynove-Pervomaik-Zolote area
- 4) Areas south-west, south and south-east of Svitlodarsk
- 5) Western and northern outskirts of Horlivka

Ceasefire violations recorded outside of the security zone were largely assessed as related to live-fire exercises. In 2019, the SMM recorded about 2,500 such ceasefire violations (about 0.8 per cent of all ceasefire violations observed by the SMM), about 76 per cent of which were recorded in non-government-controlled areas.

In 2019, the sides agreed upon two recommitments to the ceasefire on 8 March and 21 July. The first recommitment resulted in an initial drop in the number of ceasefire violations by 61 per cent compared with the daily average of the seven days preceding the recommitment. After four days, the number of observed ceasefire violations returned to the pre-recommitment levels. The second recommitment resulted in an initial drop in the number of ceasefire violations by 80 per cent and lasted for 40 days. This made it the longest-holding recommitment since 2017.

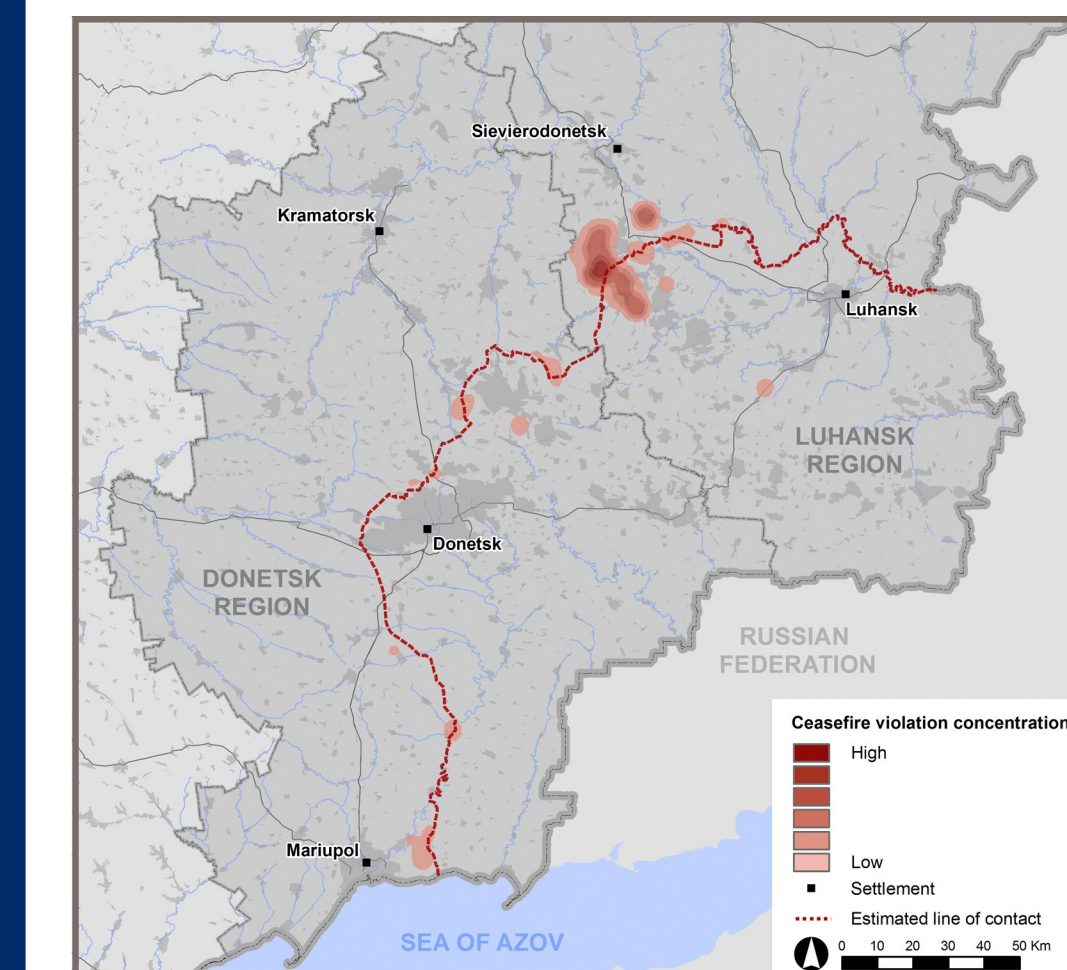
About 55 per cent of all the ceasefire violations were recorded during the night. The primary sources of these observations were SMM cameras and monitoring officers stationed in Forward Patrol Bases (FPBs). During the day, most ceasefire violations were recorded by patrols present on the ground.

Over the course of 2019, the SMM faced freedom of movement restrictions not related to mines or unexploded ordnance on more than 1,000 occasions, an approximate 13 per cent decrease compared with 2018. About 90 per cent of these restrictions took place in non-government-controlled areas of Donetsk and Luhansk regions.

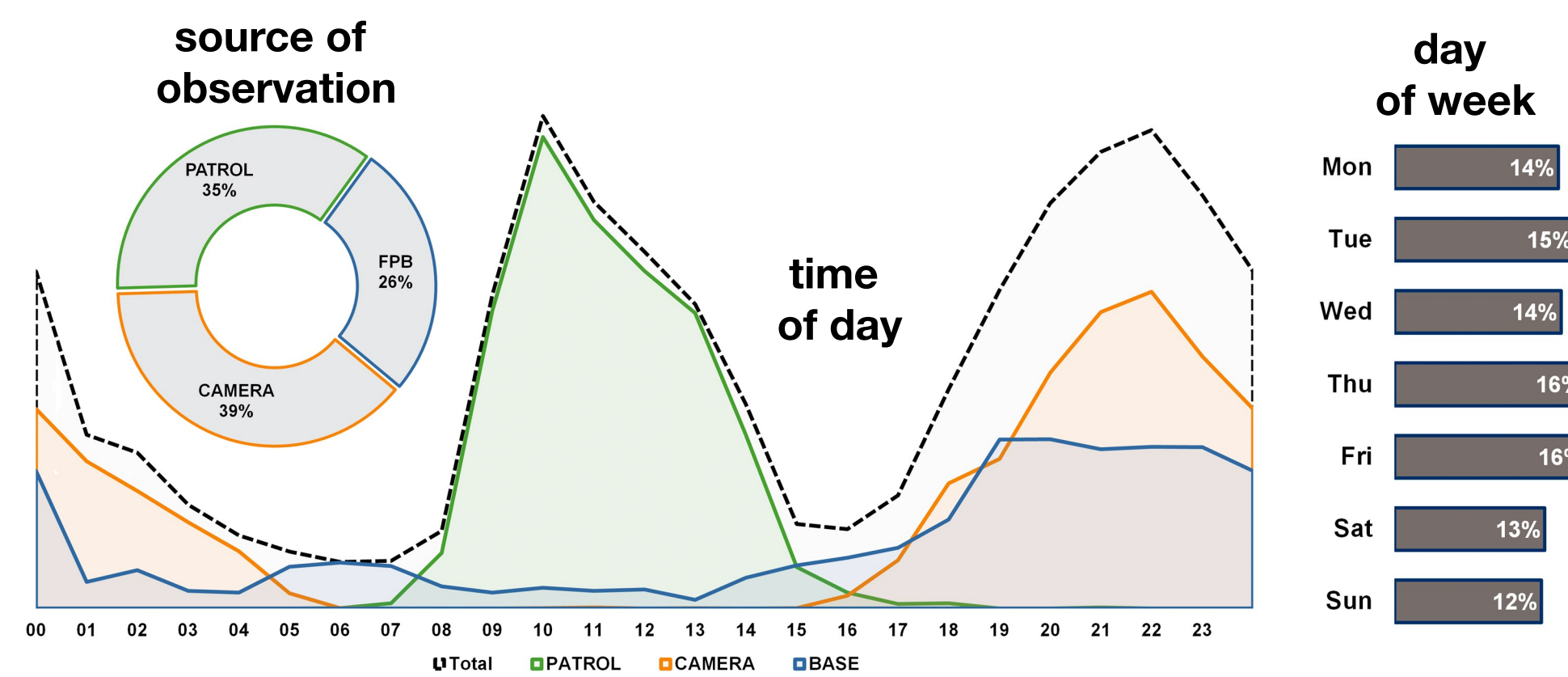
In 2019, the SMM observed over 3,600 weapons in violation of the agreed withdrawal lines – about four per cent fewer compared with 2018. About 75 per cent of these weapons were observed in non-government-controlled areas and about 25 per cent in government-controlled areas.

Sources for maps: Administrative boundaries – OCHA; Roads, Rivers – OpenStreetMap; Sea – VLIZ (2015). IHO Sea Areas; Other – OSCE. Coordinate System: WGS 1984 UTM Zone 37N. These maps are provided for illustrative purposes only. Their content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM. Percentages may be rounded. © OSCE SMM 2019. Use, copy, reproduction, transmission, broadcasting, sale, license, or exploitation not permitted without OSCE prior written authorization.

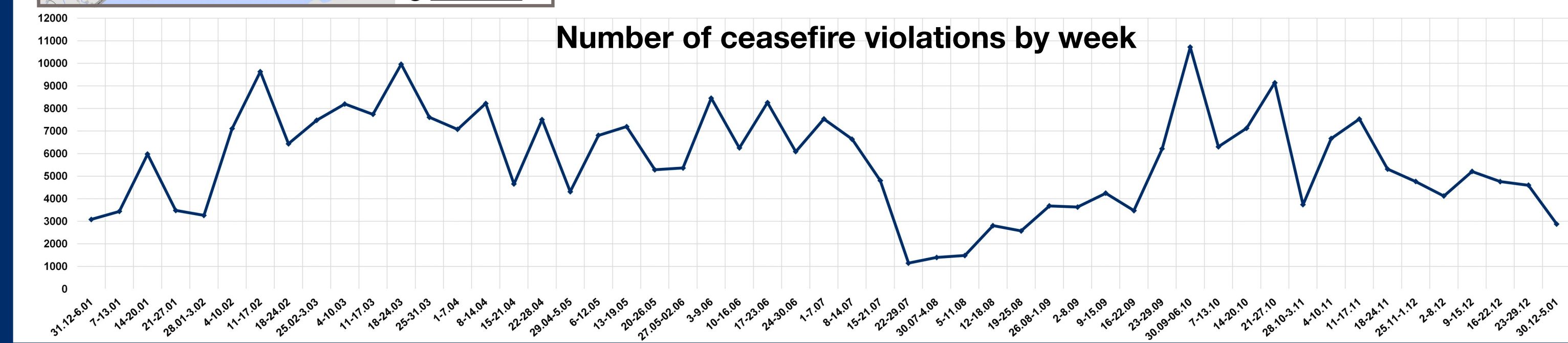
Explosions attributable to fire from MLRS, artillery, mortars and tanks



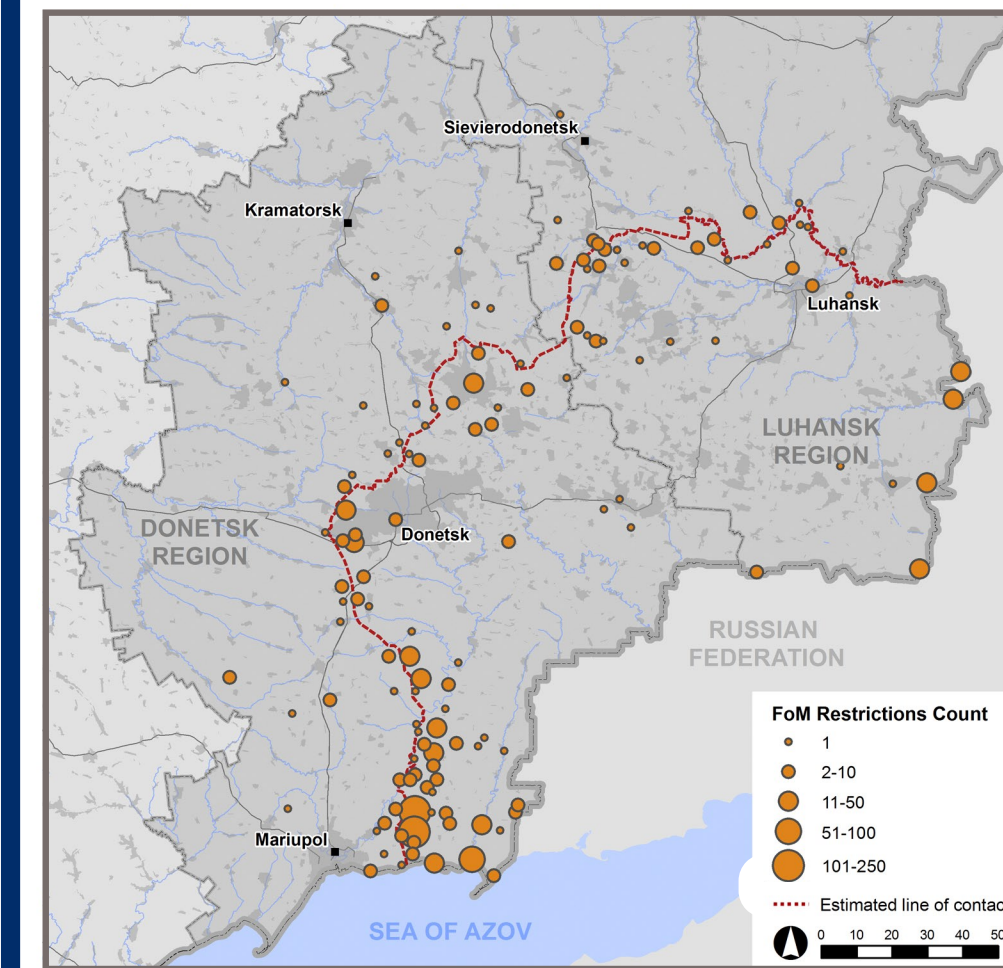
Ceasefire violations distributed by:



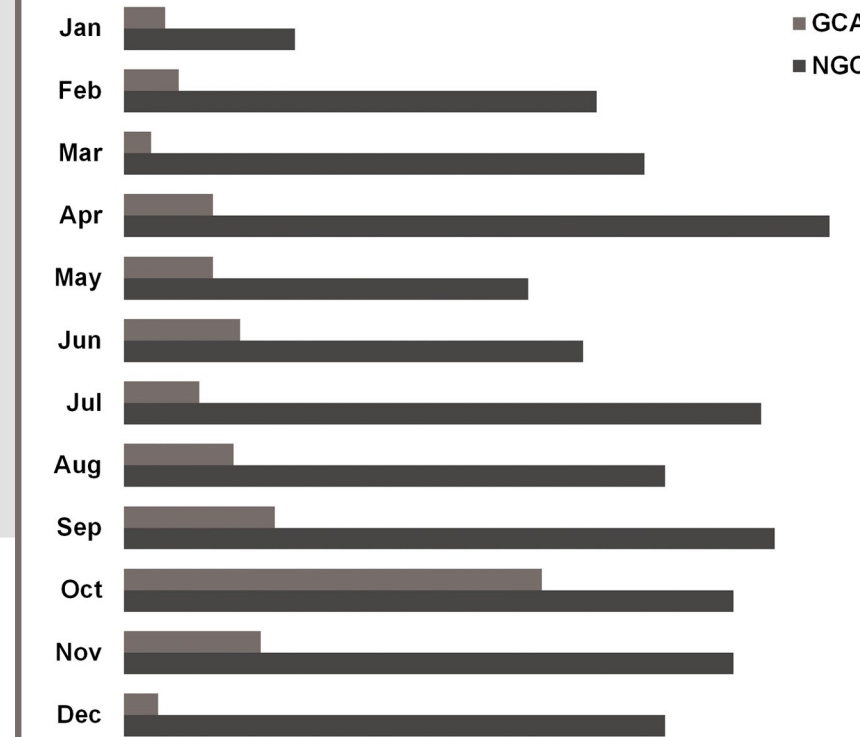
Number of ceasefire violations by week



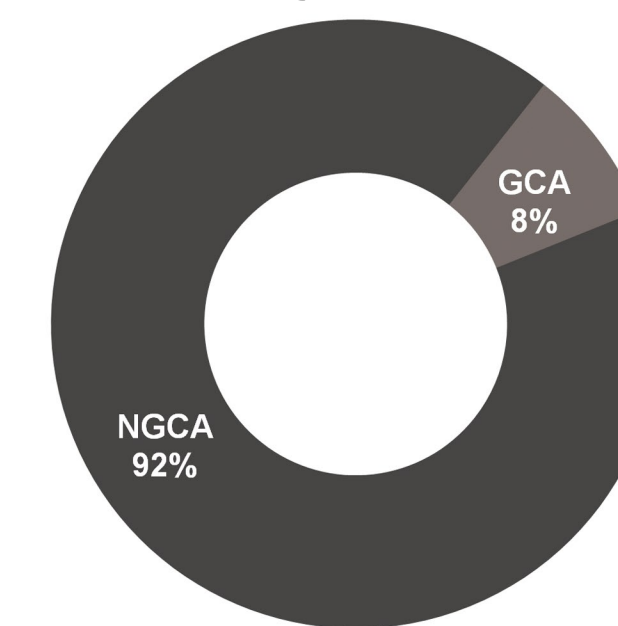
Freedom of movement (FoM) restrictions*



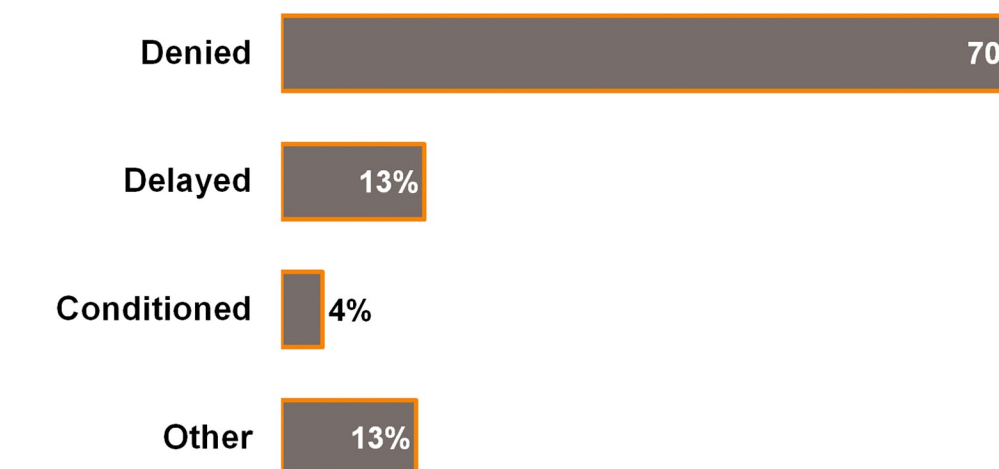
by month



by control



by type



* Excluding regular restrictions faced by the SMM related to mines and UXO.