

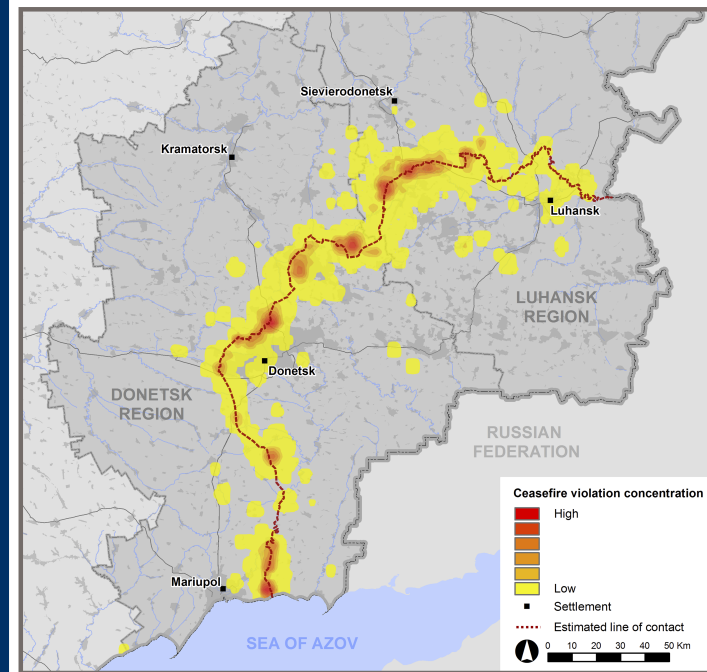
134,767 ceasefire violations including **3,216** explosions attributable to fire from MLRS, artillery, mortars and tanks

1,817 weapons in violation of withdrawal lines

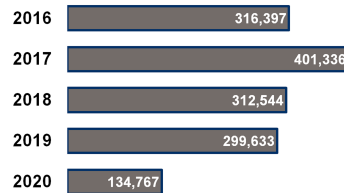
848 freedom of movement restrictions*

1 adoption of measures to strengthen the ceasefire

Ceasefire violations (CFVs)

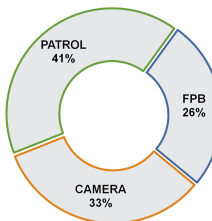


Comparison by years

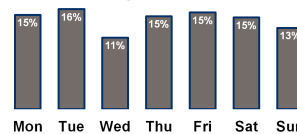


Ceasefire violations distributed by:

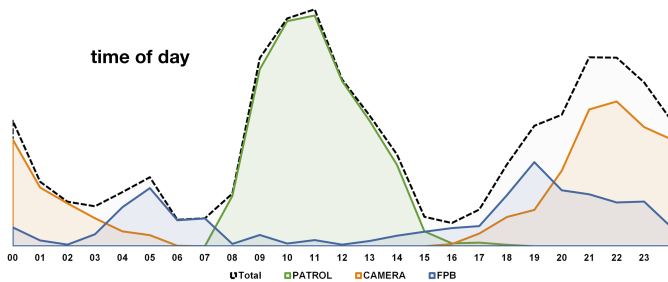
source of observation



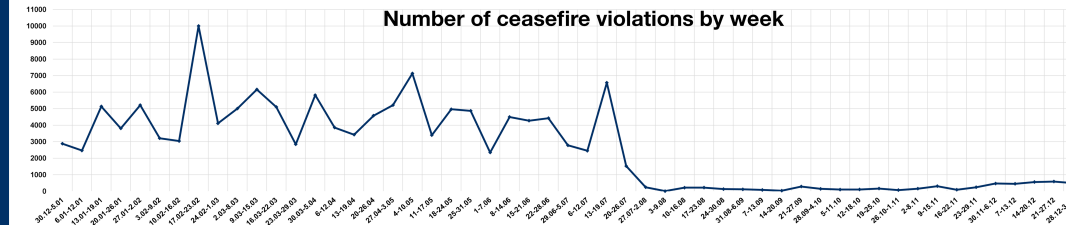
day of week



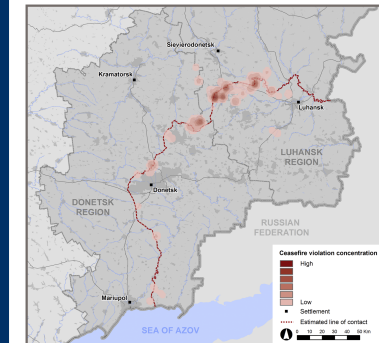
time of day



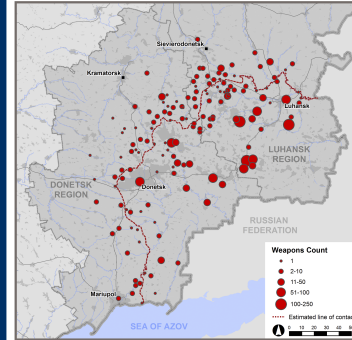
Number of ceasefire violations by week



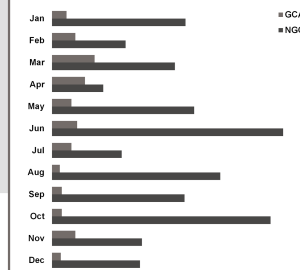
Explosions attributable to fire from MLRS, artillery, mortars and tanks



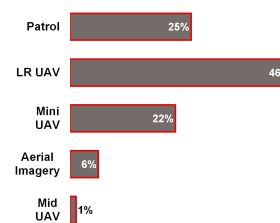
Weapons in violation of withdrawal lines



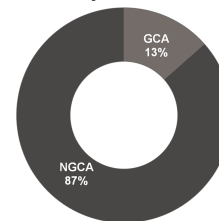
by month



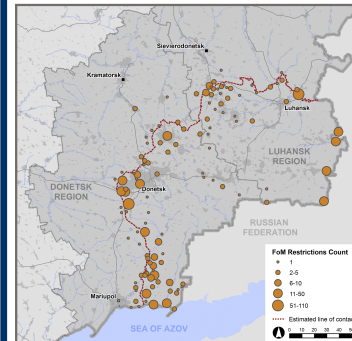
by source of observation



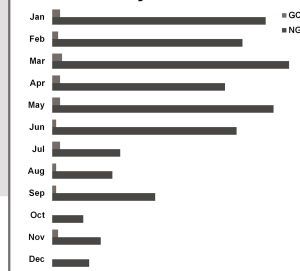
by control



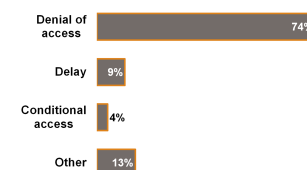
Freedom of movement (FoM) restrictions*



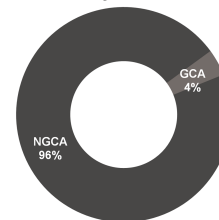
by month



by type



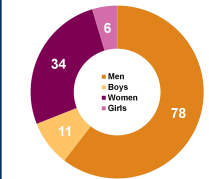
by control



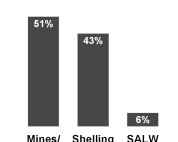
Civilian casualties

in 2020: **24 fatalities** and **105 injured**

by age and gender



by cause



Main trends:

In 2020, the number of ceasefire violations recorded along the contact line decreased by 55 per cent, compared with 2019. The number of observed explosions attributable to weapons that should have been withdrawn according to the Minsk agreements decreased by five per cent compared with 2019. A sharp decrease in kinetic activity was observed after 27 July 2020, which marks the enactment of the additional measures to strengthen the ceasefire. The daily average of ceasefire violations fell almost twenty-fold after that date (623 to 33 respectively).

Most of the armed violence recorded in 2020 was concentrated in four hotspots along the contact line, which accounted for about 76 per cent of all recorded ceasefire violations:
1) Popasna-Zolote-Pervomaïsk area.
2) Avdiivka-Yasynuvata-Donetsk airport area.
3) Areas east and north-east of Mariupol.
4) Areas south-west, south and south-east of Svitlodarsk.

Ceasefire violations recorded outside the security zone were largely assessed as related to live-fire exercises. In 2020, the SMM recorded over 1,800 such ceasefire violations (almost 1.4 per cent of all ceasefire violations observed by the SMM), about 77 per cent of which were recorded in non-government-controlled areas.

In July 2020, agreement was reached in the TCG on additional measures to strengthen the ceasefire. Since the enactment of these measures on 00.01 on 27 July, the SMM has recorded the lowest levels of armed violence since the beginning of the conflict. For the first time since the Mission began its systematic data collection, it recorded no ceasefire violations on 16 separate days in both Donetsk and Luhansk regions.

The additional measures led to a decrease in the number of civilian casualties due to shelling and small arms fire by 93 per cent. However, mines and UXOs continue to represent serious threat for the civilian population.

In 2020, the SMM observed over 1,800 weapons in violation of the agreed withdrawal lines. About 87 per cent of these weapons were observed in non-government-controlled areas, and about 13 per cent in government-controlled areas. About 75 per cent of these observations were made through the use of technical means operating unmanned aerial vehicles or revealed through other aerial imagery made available to the SMM, while 25 per cent were seen by patrols on the ground.

During 2020, the SMM faced freedom of movement restrictions not related to mines or unexploded ordnance on almost 850 occasions. About 96 per cent of these restrictions took place in non-government-controlled areas of Donetsk and Luhansk regions. Such incidents were concentrated mostly in the south of non-government-controlled areas of Donetsk region, as well as on checkpoints near crossing routes.

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

Sources for maps: Administrative boundaries – OCHA; Rivers, Roads – OpenStreetMap; Sea – Vliz (2020); IHO Sea Areas; Other – OSCE. Coordinates System: WGS 1984 UTM Zone 31N. 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 2021. All rights reserved. Reproduction, transmission, broadcasting, sale, license or exploitation not permitted without OSCE prior written authorization.