

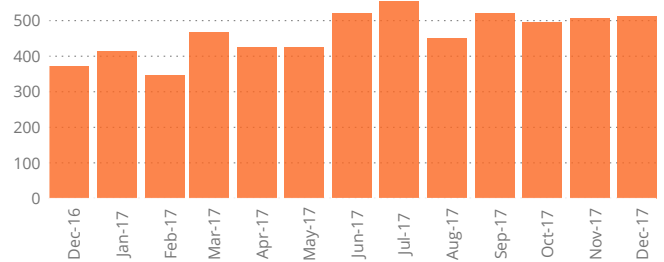
# Violence and sexual offences

Violence and sexual offences include offences against the person such as common assaults, Grievous Bodily Harm and sexual offences.

## Violence and sexual offences last month

There were 512 violence and sexual offences recorded by Greater Manchester Police in Trafford during December 2017. This is 139 more crimes than the same month last year.

Figure 1: Count of violence and sexual offences by month in Trafford



Source: data.police.uk | @traffordDataLab

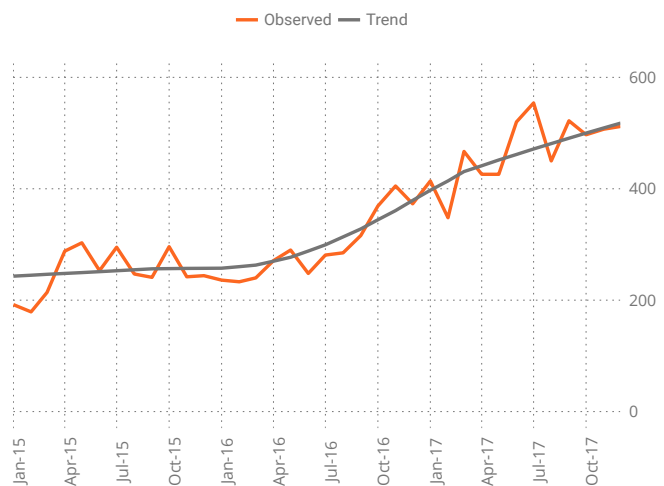
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## Violence and sexual offences over the last 3 years

Violence and sexual offences have hovered between 179 and 554 offences over the last 36 months. The overall trend is increasing sharply with offences peaking in July 2017.

The rate of violence and sexual offences over the last 3 years for each of Trafford's wards has been visualised in [this linked chart](#).

Figure 2: Violence and sexual offences in Trafford, 2015-2017



Source: data.police.uk | @traffordDataLab

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## Violence and sexual offence rates

There were approximately 2.2 violence and sexual offences recorded for every 1,000 Trafford residents during December 2017. However, there is some variation in rates of violence and sexual offences between wards. Gorse Hill ward recorded the highest rate of violence and sexual offences with 4.4 offences per 1,000 residents.

Figure 3: Rates of violence and sexual offences in Trafford's wards



Source: data.police.uk | @traffordDataLab

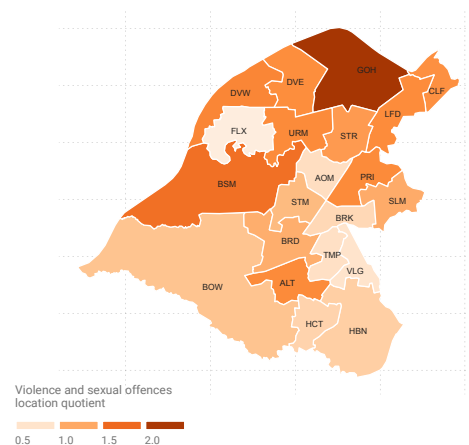
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## Location quotient

The location quotient (Brantingham & Brantingham 1997) provides a measure of the difference between the rate of crime in a ward and the rate of crime for the whole of Trafford. A location quotient of 1.0 indicates that a ward has a proportional share of crime whilst a value greater than 1 indicates a disproportionate share.

Figure 4 shows that Gorse Hill ward recorded more than twice the rate of violence and sexual offences during December 2017 as Trafford as a whole.

Figure 4: Violence and sexual offences location quotient, December 2017



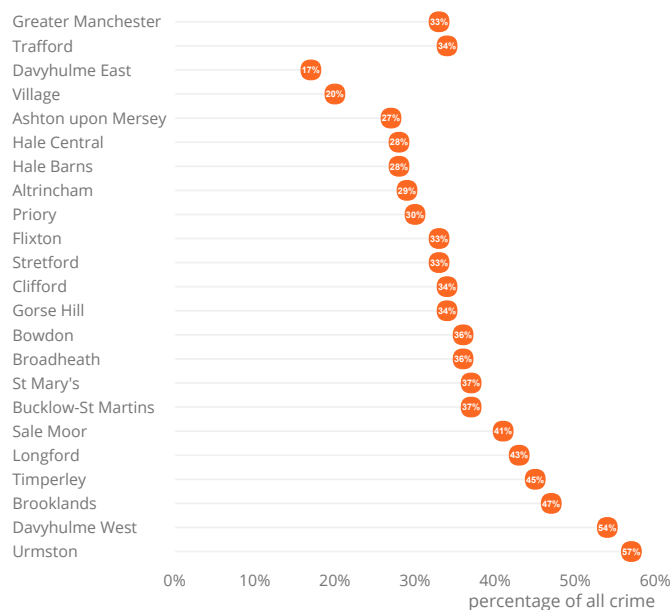
Source: data.police.uk | @traffordDataLab

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## Violence and sexual offences as a proportion of all crime

Violence and sexual offences accounted for 57% of recorded crime in Urmston ward during December 2017 and 34% in Trafford overall.

Figure 5: Violence and sexual offences as a proportion of total offences\*, December 2017



Source: [data.police.uk](https://data.police.uk) | [@traffordDataLab](https://twitter.com/traffordDataLab)

\*not including incidents of anti-social behaviour

Download: [Data](#) | [Image](#) | [R code](#)

### Notes

Violence and sexual offences rates have been calculated using the number of residents in each area.

**Ward abbreviations:** Altrincham (ALT); Ashton upon Mersey (AOM); Bowdon (BOW); Broadheath (BRD); Brooklands (BRK); Bucklow-St Martins (BSM); Clifford (CLF); Davyhulme East (DVE); Davyhulme West (DVW); Flixton (FLX); Gorse Hill (GOH); Hale Barns (HBN); Hale Central (HCT); Longford (LFD); Priory (PRI); St Mary's (STM); Sale Moor (SLM); Stretford (STR); Timperley (TMP); Urmston (URM); Village (VLG)

### References

Brantingham, P.L. and Brantingham, P.J. (1998). Mapping crime for analytic purposes: location quotients, counts and rates. In D. Weisburd and T. McEwen, eds, *Crime Mapping and Crime Prevention*, 263-288. Monsey, NY: Criminal Justice Press.

### Data sources

- Greater Manchester Police recorded crime: [data.police.uk](https://data.police.uk)
- Mid-year population estimates (2016): [ONS](https://www.ons.gov.uk)

