

# **Police and Crime Plan 2016-2020**

## **Monthly Performance Update**

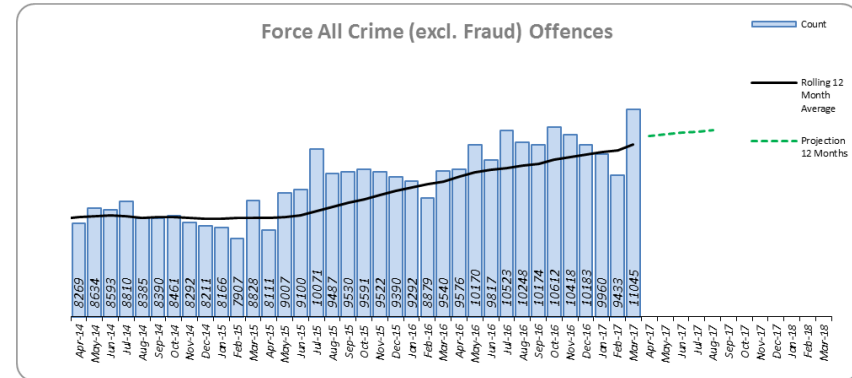
**March 2017**

## Key Areas

### All Crime

- 8.7% (9643 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 0.6% points increase when compared to the 12 months to February 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 2<sup>nd</sup> in our MSG and 18<sup>th</sup> nationally for crime increase.
- The Force and 9 out of 14 districts have experienced statistically significant increases (please see attached 'Z Score Outliers' for district breakdown).

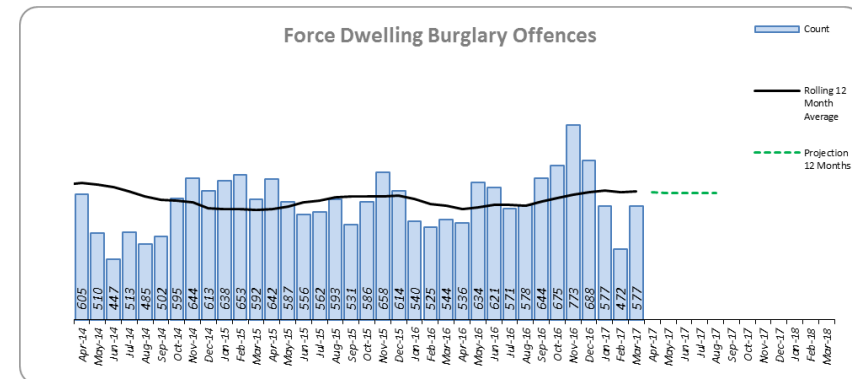
Figure 1



### Dwelling Burglary

- 6.8% (459 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 1.4% point increase when compared to the 12 months to February 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 3<sup>rd</sup> in our MSG and 24<sup>th</sup> nationally for crime increase.
- Uttlesford, Maldon and Tendring have seen a statistically significant increase.

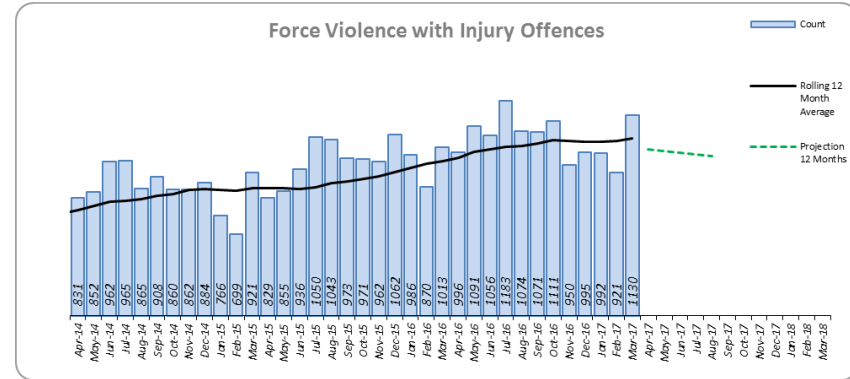
Figure 2



## Violence with Injury

- 7.7% (897 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 0.2% point increase when compared to the 12 months to February 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 2<sup>nd</sup> in our MSG and 20<sup>th</sup> nationally for crime increase.
- The Force and 7 out of 14 districts have experienced statistically significant increases.

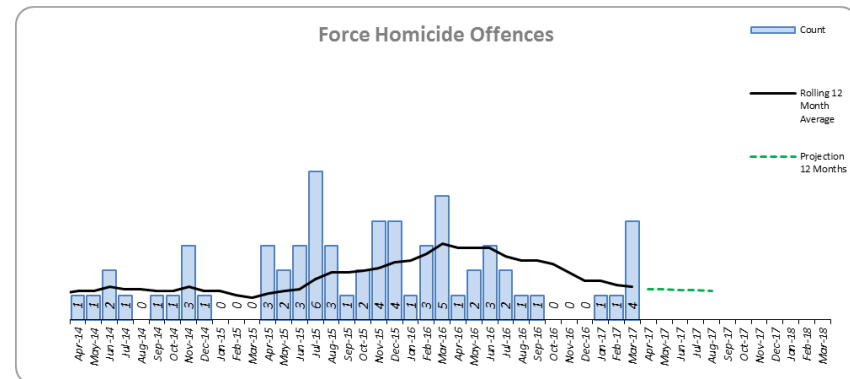
Figure 3



## Homicide

- 55.9% (19 offences) decrease for the 12 months to March 2017 compared to the same period to March 2016. This represents a 5.9% point decrease when compared to the 12 months to February 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 2<sup>nd</sup> in our MSG and 3<sup>rd</sup> nationally for crime change.
- The Force and 4 out of 14 districts have experienced statistically significant increases.

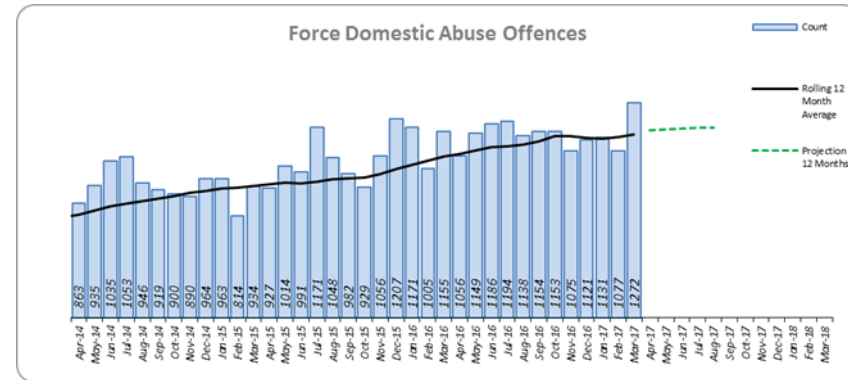
Figure 4



## Domestic Abuse

- 7.2% (918 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 1.2% point decrease when compared to the 12 months to February 2017 versus 2016.
- The Force and 9 out of 14 districts have experienced statistically significant increases.

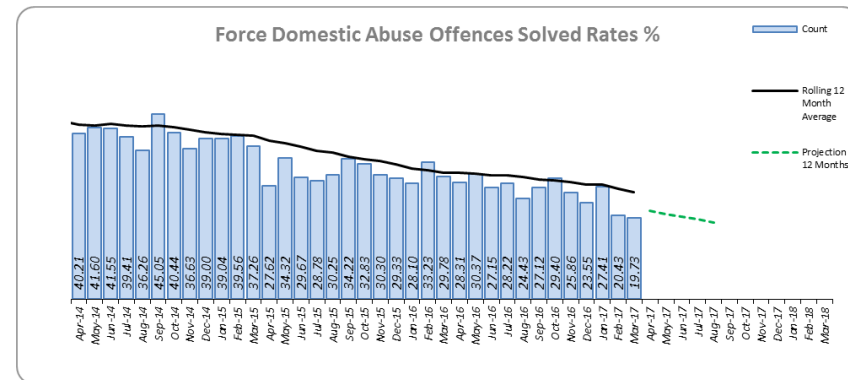
Figure 5



## Domestic Abuse Solved Rate

- The DA solved rate was 26.2% for the 12 months to March 2017 compared to the same period to March 2016. This represents a 4.5% point decrease when compared to the 12 months to March 2016.
- The Force and 8 out of 14 districts have experienced statistically significant decreases.

Figure 6

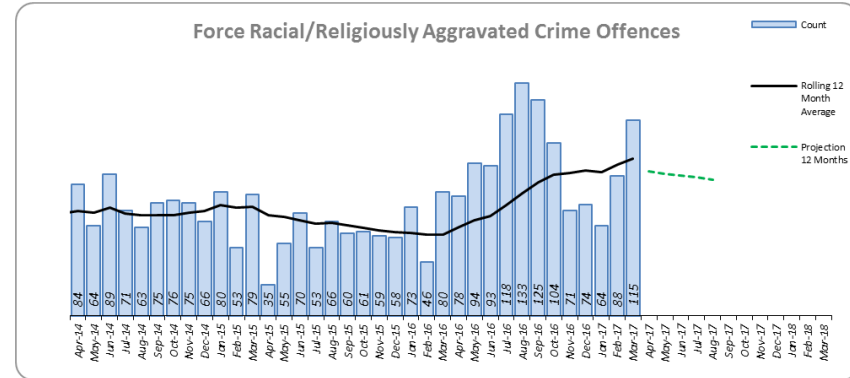


## Exceptions

### Racially/Religiously Aggravated Crime

- 52.3% (404 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 5.0% points increase when compared to the 12 months to February 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 8<sup>th</sup> in our MSG and 38<sup>th</sup> nationally for crime increase (but 25 for Crimes per 1000 pop.).
- The Force and 4 out of 14 districts have experienced a statistically significant increase.

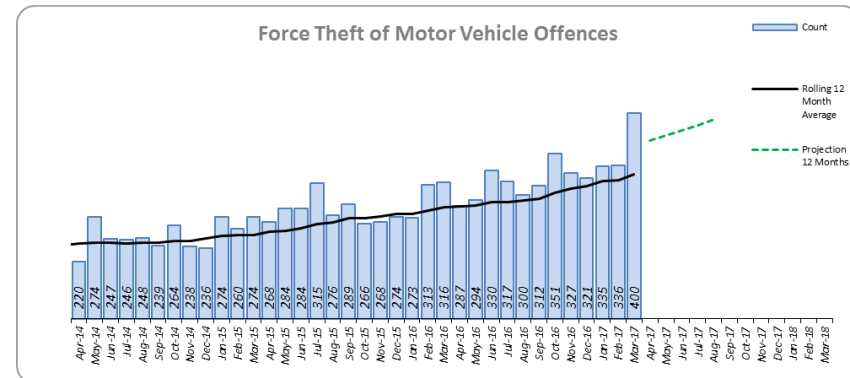
Figure 7



### Theft of Motor Vehicles

- 14.5% (481 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 1.6% points increase when compared to the 12 months to March 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 4<sup>th</sup> in our MSG and 20<sup>th</sup> nationally for crime increase.
- The Force and 8 out of 14 districts have experienced statistically significant increases.

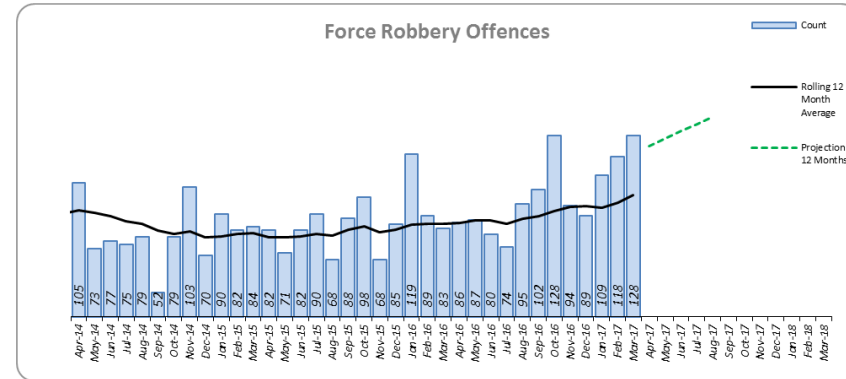
Figure 8



## Robbery

- 17.6% (177 offences) increase for the 12 months to March 2017 compared to the same period to March 2016. This represents a 5.2% points increase when compared to the 12 months to February 2017 versus 2016.
- Looking at iQuanta 12m to February 2017, Essex is placed 2<sup>nd</sup> in our MSG and 19<sup>th</sup> nationally for crime increase (but 29<sup>th</sup> for Crimes per 1000 pop.).
- The Force and 5 out of 14 districts have experienced statistically significant increases.

Figure 9



# Police and Crime Plan Performance Indicators

The table below sets out the progress against the Performance Indicators within the Police and Crime Plan 2016-2020.

Table 1

Police and Crime Plan Priorities	Police Priority Indicators	12 months to Mar 2016	12 months to Mar 2017	Number Difference	% Difference	Direction of Travel	Statistically Significant Change*	
<b>Priority 1 - More local, visible and accessible policing</b>	Percentage of people who have confidence in policing in Essex <sup>1</sup>			Data are not currently available				-
	Confidence in the local police (CSEW) <sup>2</sup>	56.9	59.8	2.9	-	↑	-	
	Number of all crime offences	111,022	120,665	9,643	8.7	↑	✓	
<b>Priority 2 - Crack down on anti-social behaviour</b>	Number of anti-social behaviour incidents	52,732	52,170	-562	-1.1	↓		
	Percentage of people who have confidence that the policing response to ASB is improving <sup>1</sup>			Data are not currently available				-
<b>Priority 3 - Breaking the cycle of domestic abuse</b>	Number of incidents of domestic abuse	30,719	32,009	1,290	4.2	↑	-	
	Number of repeat incidents of domestic abuse <sup>3</sup>	n/k	13,489	-	-	n/k	-	
	Percentage of domestic abuse offences solved	30.7	26.2	-4.5	-	↓	✓	
<b>Priority 4 - Reverse the trend in serious violence</b>	Number of homicides	34	15	-19	-55.9	↓	✓	
	Number of violence with injury offences	11,680	12,577	897	7.7	↑	✓	
<b>Priority 5 - Tackle gangs and organised crime</b>	Number of Organised Criminal Group disruptions <sup>4</sup>	n/k	n/k	-	-	n/k	-	
	Number of drug offences in relation to Trafficking of Drugs	582	606	24	4.1	↑		
<b>Priority 6 - Protecting children &amp; vulnerable people</b>	Number of child abuse outcomes <sup>5</sup>	381	330	-51	-13.4	↓	-	
<b>Priority 7 - Improve safety on our roads</b>	Number of driving related mobile phone crime on Essex roads	5,734	4,607	-1,127	-19.7	↓	-	
	Number of driving under the influence of drink and/or drugs on Essex roads			Data are not currently available				-

Please note the figures in yellow are for 12m to February, we are awaiting March's update.

See Appendix for endnotes.





# HMIC Crime Tree Data – Rolling 12 Months to March

Table 3

Victim Based: Under Reported		Offences										Outcomes								Solved Rates %											
Crime Type	% DA 2017	2016	2017	# diff.	% diff.	12m Trend	Roll 3m % diff.	Yr on Yr 3m % diff.	Z	Outlier	CSS	District High	District Low	2016	2017	# diff.	% diff.	12m Trend	Roll 3m % diff.	Yr on Yr 3m % diff.	District High	District Low	2016	2017	% pt. diff.	12m Trend	Roll 3m % pt. diff.	Yr on Yr 3m % pt. diff.	Z	District High	District Low
39	Racial/Religiously Aggravated Offences	0.1	772	1176	404	52.3		7.1	36.9	1.8	•	176.5	-12.9	195	224	29	14.9		51.4	21.7	-66.7	100.0	25.3	19.0	-6.2		6.0	-2.6	-1.0	-29.5	17.7
40	Domestic Abuse	-	12779	13697	918	7.2		3.9	4.5	2.0		57.0	-2.6	3925	3584	-341	-8.7		-11.0	-22.3	-20.3	30.9	30.7	26.2	-4.5		-3.8	-7.8	-2.0	-7.2	-0.4
41	- High Risk Domestic Abuse	-	3726	2603	-1123	-30.1		-1.9	-42.8	-1.1		-3.3	-49.7	1616	1178	-438	-27.1		-13.4	-44.1	-43.4	-3.4	43.4	45.3	1.9		-6.1	-1.1	-0.7	-3.4	8.2
42	- Medium Risk Domestic Abuse	-	6977	5875	-1102	-15.8		-10.9	-41.5	-1.8		30.3	-29.1	1906	1673	-233	-12.2		-14.7	-35.3	-35.6	33.3	27.3	28.5	1.2		-1.3	2.8	-1.1	-4.0	8.2
43	- Standard Risk Domestic Abuse	-	1778	4975	3197	179.8		17.0	228.1	2.9		377.8	74.7	312	659	347	111.2		-4.4	135.9	44.2	660.0	17.5	13.2	-4.3		-2.7	-4.7	-1.4	-11.3	4.7
44	- No Risk Assessment	-	298	244	-54	-18.1		14.1	55.3	-0.3		22.7	-72.5	91	74	-17	-18.7		28.6	50.0	-100.0	100.0	30.5	30.3	-0.2		2.8	-0.9	-1.0	-41.7	15.0
State Based Crime		Offences										Outcomes								Solved Rates %											
Crime Type	% DA 2017	2016	2017	# diff.	% diff.	12m Trend	Roll 3m % diff.	Yr on Yr 3m % diff.	Z	Outlier	CSS	District High	District Low	2016	2017	# diff.	% diff.	12m Trend	Roll 3m % diff.	Yr on Yr 3m % diff.	District High	District Low	2016	2017	% pt. diff.	12m Trend	Roll 3m % pt. diff.	Yr on Yr 3m % pt. diff.	Z	District High	District Low
45	Drug Offences	0.0	2739	3212	473	17.3		-8.0	22.9	0.4	•	83.3	-2.0	2486	3015	529	21.3		-2.1	30.5	-0.3	63.5	90.8	93.9	3.1		5.8	5.6	-0.4	-13.2	12.9
46	- Trafficking of Drugs	0.0	582	606	24	4.1		3.2	28.3	0.6		75.6	-48.1	441	511	70	15.9		-5.8	29.0	-42.9	145.5	75.8	84.3	8.6		-7.6	0.4		-51.1	58.0
47	- Possession of Drugs	0.0	2157	2606	449	20.8		-10.4	21.7	0.2	•	94.1	-4.8	2045	2504	459	22.4		-1.3	30.8	0.0	79.4	94.8	96.1	1.3		9.3	7.1		-8.5	12.1
48	Possession of Weapons	0.8	1005	1315	310	30.8	•	8.9	38.0	3.1		75.4	-27.3	765	1015	250	32.7		18.9	45.2	-35.5	96.2	76.1	77.2	1.1		6.7	3.9	0.2	-38.9	18.9
49	Public Order	8.1	5801	8195	2394	41.3		0.9	25.8	1.8		81.5	25.4	1751	1918	167	9.5		3.5	-8.6	-12.9	76.2	30.2	23.4	-6.8		0.6	-8.4	-1.4	-11.5	-0.7
50	Miscellaneous Crimes against Society	7.4	1583	2173	590	37.3		10.9	48.7	2.5		120.0	7.0	586	720	134	22.9		-1.6	9.1	-24.4	195.5	37.0	33.1	-3.9		-3.7	-10.4	-1.4	-37.3	16.2

- Negative Outlier •
- Near Negative Outlier ◐
- Positive Outlier •
- Near Positive Outlier ◐

For offences, the outliers were taken from the ForceSight (iQuanta 12m to February 2017) direction bar chart - crimes per 1000 population/households. Outliers are calculated in comparison to all other forces. Outcome outliers are currently unavailable.

**Crime Severity Score (CSS)** - Based on the ONS Crime Severity Score which replaces the Cambridge Harm Index - data are for the year 2015/16, (a total of 19 crime types have been ranked where scores are available).

**12m Trend** - shows the direction of travel based on the last 5 years (12m to March year on year %/pt. changes) and is only shown if there is statistical evidence.

**Roll 3m %/pt. diff.** - compares the 3 months to March 2017 with the 3 months to December 2016.

**Yr on Yr 3m %/pt. diff.** - compares the 3 months to March 2017 with the 3 months to March 2016.

**Z Score** - Standard Score over 1.28 or under -1.28. Standard Scores are used to calculate the probability of an event occurring within a normal distribution; they are also used to compare two scores from different normal distributions (for example the number of offences per police District). In this document, Standard Scores are calculated in the following way: (previous month's figure, minus the average figure per month over the previous three years) divided by the Standard Deviation of the same three year period. Standard Deviation is a measure to determine how spread out figures are from the average or "mean" - a large standard deviation indicates the data is widely spread; if small, the data will be more clustered together.

**District High** - is the worst performing districts year on year %/pt. difference for the 12 months to the date of the report.

**District Low** - is the best performing districts year on year %/pt. difference for the 12 months to the date of the report.

# Proportions of Crime – Rolling 12 Months to March

Figure 10

*Proportion of All Crime Offences  
12 Months to March 2016*

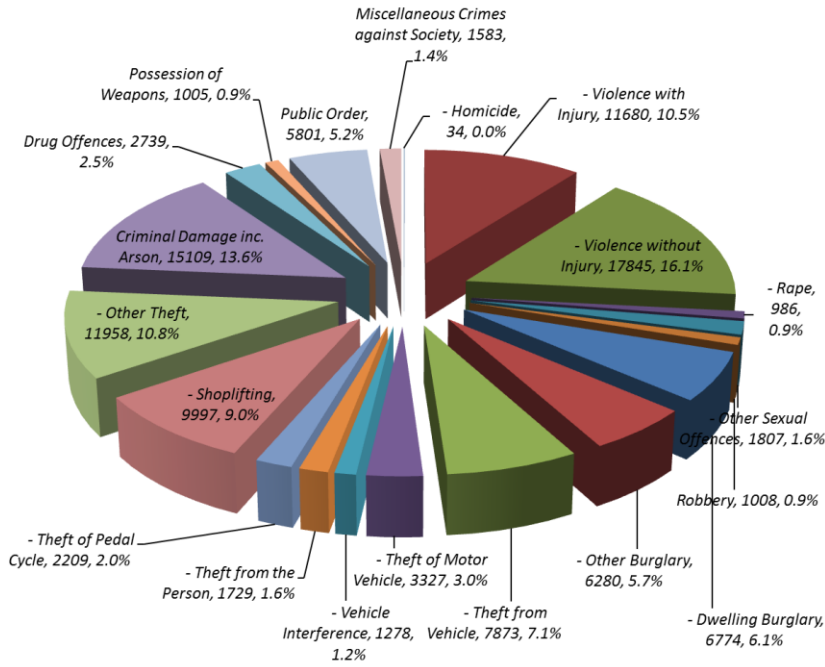
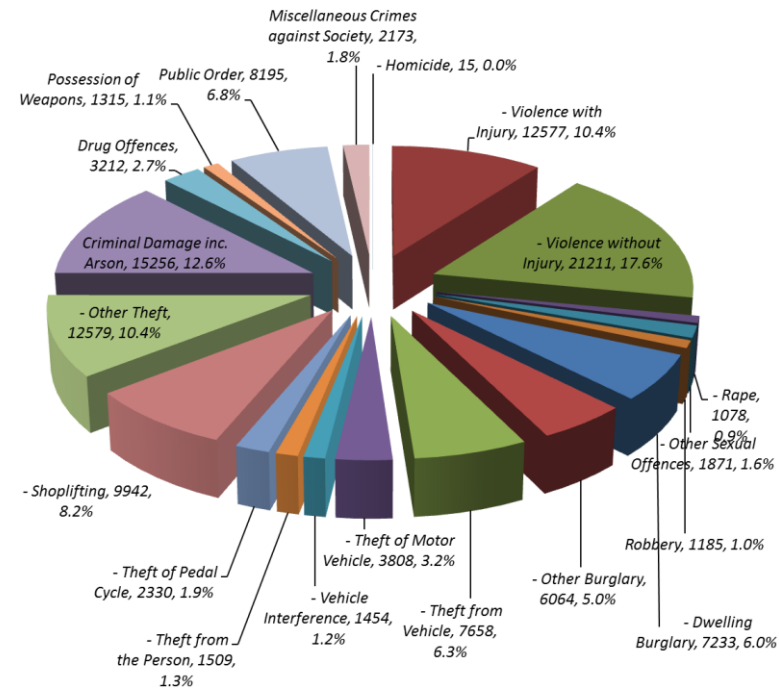


Figure 11

*Proportion of All Crime Offences  
12 Months to March 2017*



The second biggest **increase** in volume crime was **Violence Against the Person**, which experienced a 1.4% percentage point rise (+4244 offences). This was predominantly driven by Violence without Injury, which rose by 1.5% percentage points (+3366 offences) which was the largest increase.

The biggest **increase** in the proportion of crime was **Public Order**, which experienced a 1.6% percentage point rise (+2394 offences).

The biggest **decrease** as a proportion of crime was **Theft**, which fell by 1.5% percentage points. However, Theft rose in volume by 467 offences (1.8%). This was predominantly driven by Other Theft (+621 offences), Burglary Dwelling (+459 offences) and Theft of Motor Vehicle (+481 offences).

<sup>1</sup> This question will be included in the new survey that is currently being commissioned, with the results being available quarterly from Summer 2017.

<sup>2</sup> Crime Survey for England and Wales (CSEW) - 12 months to September 2016 vs. 12 months to September 2015.

<sup>3</sup> The number of repeat incidents of domestic abuse is for Apr16 to Mar17. The previous period cannot be produced due to a change in how this measure is captured.

<sup>4</sup> The number of Organised Criminal Group disruptions can not be produced this month due to a recent change in the definition (January 2017). Data will be available for April 2017 data.

<sup>5</sup> All solved outcomes (outcomes 1,2,3,4,6,7 & 8).

\* Standard Score over 1.28 or under -1.28. Standard Scores are used to calculate the probability of an event occurring within a normal distribution; they are also used to compare two scores from different normal distributions (for example the number of offences per police district). In this document, Standard Scores are calculated in the following way: (previous month's figure, minus the average figure per month over the previous three years) divided by the Standard Deviation of the same three year period. Standard Deviation is a measure to determine how spread out figures are from the average or 'mean' - a large standard deviation indicates the data is widely spread; if small, the data will be more clustered together.