



Supporting analysis for the Northampton Early Morning Restriction Order (EMRO) application

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1 Aim

- 1.1 This document seeks to provide evidence and contextual data to inform the application for an Early Morning Restriction Order (EMRO) within Northampton borough. The following analysis will seek to understand current issues relating to Prevention of Crime and Disorder, and Protecting Children from Harm – 2 of the 4 licensing objectives.

2 Scope

- 2.1 From the outset it has been recognised that the Police are not the only agency involved in ensuring the licensing objectives are met. Northampton Borough Council, East Midlands Ambulance Service (EMAS), the NHS and the voluntary sector all contribute. Data from the Police, Northampton Borough Council, EMAS and NHS have all been included in this analysis to look beyond crime data.
- 2.2 Data from Northamptonshire Police systems has been sourced as follows:
 - Crime data: Local Force crime recording system
 - Incident data: From the Steria STORM incident recording system
 - Anti-Social Behaviour data: From the Steria STORM incident recording system
- 2.3 NHS assaults data has been collected by the receptionists at point of booking patients in. A series of questions are asked of each patient to ascertain details of their assault. This is voluntary.
- 2.4 EMAS data has been sourced from the locations the ambulances pick up patients following a telephone call to the ambulance control room. This data is completed on their electronic system.
- 2.5 CCTV data from Northampton Borough Council has been compiled by the CCTV controllers and reported on their local system.
- 2.6 All data unless specified is for the period 1st April to 31st March for each period. Crime data has been analysed from 2004/5 to 2012/13 in the aforementioned time period in order to show how crime and disorder has changed since the licensing hours were changed, all the way through to the present day.
- 2.7 The analysis contained within this document refers to the Borough of Northampton (the boundary recognised by Northampton Borough Council) or an area defined as the "Leisure Zone". The Leisure Zone area has been identified through this analysis as an area that has high volumes of crimes and incidents in a small concentrated area, particularly at weekends during evening/night/early morning hours. It also encompasses the main concentration of pubs and clubs within Northampton. Figure.1 below confirms the borough boundary with Figure.2 confirming the Leisure Zone boundary, (which is already a recognised boundary for Section 27 notices.

Figure.1

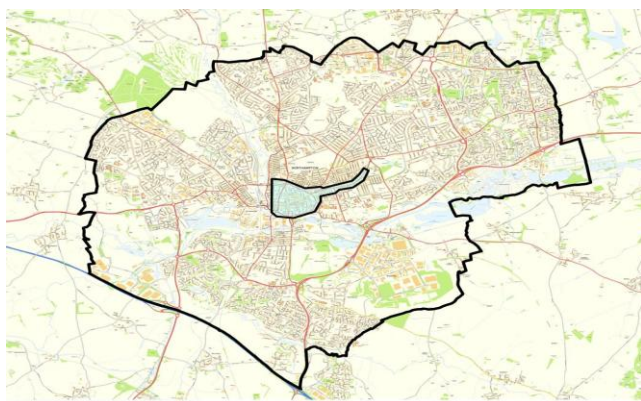
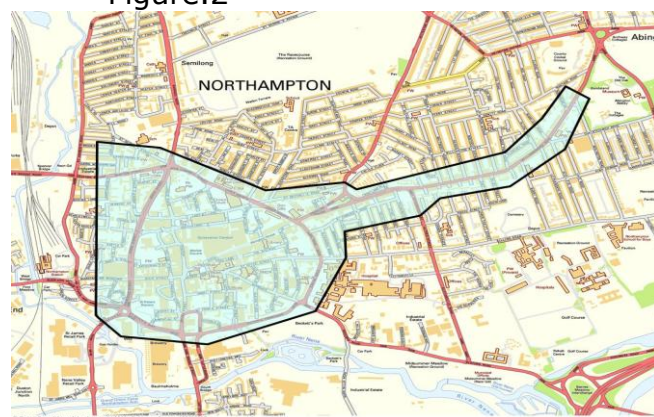


Figure.2



- 2.8 For the purposes of this document, a period of the week has been identified which has a high prevalence of crime and disorder. This is called the "Night Time Economy" (NTE) and is defined as the period 21.00-0559 on Friday/Saturday and 21.00-0559 Saturday/Sunday, as per the existing Operation Nightsafe strategy, the dedicated plan for the Police to manage crime and disorder within Northampton Leisure Zone.

3 Methodology

- 3.1 In seeking to provide an evidence base for the EMRO application, analysis of the different data types from the Police, EMAS and NHS has provided relevant evidence for the Crime and Disorder licensing objective.
- 3.2 Analysis of under 18 victimisation and offending supports the "Protecting Children from Harm" licensing objective.
- 3.3 Throughout the document, key points highlighted by the analysis that support the introduction of the EMRO are found in boxes. These are drawn together as part of the summary and inform the conclusion at the end of this document.

3.4 Crime data:

- 3.4.1 This has been analysed in accordance with the Home Office Crime Tree 2013. All main crime types identified in the Crime Tree were initially reviewed, with those displaying crime patterns or high crime volumes within the Leisure Zone or Night time economy period analysed in more detail. This included: All Crime, Violence against the Person, Stealing, Public Disorder, Sexual Offences and Criminal Damage/Arson.
- 3.4.2 Within each of the above categories, the data was first analysed by location (grid references), then hour of day, and day of week. Where possible, it was the further split to assess how influential or prevalent certain factors were within each crime breakdown. The factors assessed were; amount of alcohol flags, whether the crime occurred in licensed premises and if there were any U18 offenders/victims. It is important to note that Alcohol flags for Crime are only recorded in relation to the offender, where known. This suggests that the actual number of offences where alcohol is a factor in a broader sense (e.g. victim was affected by alcohol) is likely to be higher.
- 3.4.3 Where the data was analysed by day and hour, each resulting data table was analysed for peaks in recorded offences against the average and +1 and +2 standard deviations. These peaks are statistically valid peaks and indicate where rises are significant and not 'normal variation'.

3.4.4 Under-18 victimisation and offending is based on the age at time of offence. For both aspects of crime, it is only where a crime is reported that we will know if it is against a young person – if they do not report it then we will not know a crime has taken place.

3.5 Incident data:

3.5.1 This has been analysed in accordance with the National Standard of Incident Recording (NSIR). The categories analysed were all incidents (Anti Social Behaviour, Public Safety and Welfare, and Crime incidents but *excluding* Administration which include sub-categories of Admin Other, Cancelled, Complaints against the Police, Duplicate, Forensic Visit, Lost property, Message, Police Generated resource, Pre-planned event, Test), and Anti-Social Behaviour specifically.

3.5.2 Incidents which had a motivator of “alcohol” were also analysed but due to the way incidents on the LZ are managed at weekends (through a single operational log rather than individual incidents) the number of alcohol related incidents in the LZ is very small and not statistically valid for further analysis.

3.5.3 Incidents for Saturday and Sunday have been compared with an average for Monday-Friday as no historical data is available for 2003-4 as incidents used a completely different incident recording system and classification system.

3.5.4 Incidents which had a motivator of “Youth” were also analysed to understand incidents in the context of ‘Protecting Children from Harm’. It is important to note that the use of this flag is based on perceptions of young people being involved in the incident; there is no clear age criterion, but this provides an approximation of those incidents relating to under-18 years.

3.6 Mapping of data:

3.6.1 Crime and Incident data was imported into Northgate XD mapping to produce any maps required. Anything related to the LZ was then exported back out into excel for further analysis. Where temporal analysis was conducted via Data Clocks, the data has been migrated into tables for ease of reading within this document.

3.6.2 It should be noted that some crimes and incidents were not able to be mapped using the XD system as they did not contain grid references. This can occur when crimes are known to have taken place within Northampton but the victim cannot be exactly sure where within Northampton. This could be because they have visited a number of locations during their time out and cannot identify when or where they were. Calculations comparing LZ and Non LZ areas exclude unmappable crime.

3.7 Other Agency Data

- 3.7.1 Data from other agencies outside of the Police also forms part of this analysis.
- East Midlands Ambulance Service (EMAS) Pick Up Data (March 01 2012 – February 28 2013)
 - Northampton Borough Council CCTV Incident Data (January 01 2011 – December 31 2012)
 - Northampton General Hospital Accident & Emergency (A&E) Assaults Data (February 01 2011 – December 31 2012)
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- 3.7.2 Due to the diverse nature of the data sets relating to EMAS, A&E and CCTV, in respect of recording practices, the 'leisure zone' is less defined than the maps above has indicated. EMAS aligns with Northants Police definition of the 'Leisure Zone'. However, A&E data coded as postcode area 'NN1' has been allocated to the 'town centre,' a proxy for the Leisure zone. CCTV incidents are allocated to camera 'zones' dependent upon which CCTV camera was used to capture the incident. All incidents allocated to 'town centre' or 'leisure zones' are attributed to the town centre.
- 3.7.3 The A&E assaults data analysed was all data within the town centre which fell under the location categories of '*licensed premises*' and '*on the street.*' Categories '*Home*' and '*Other*' were disregarded.
- 3.7.4 When analysing EMAS data, only the call outs categorised under 'Assault/Sexual Assault in the 'Chief Complaint' (reason for callout) field were analysed. This is the only category of 'Chief Complaint' which is directly related to the licensing objectives (e.g. Prevention of Crime and Disorder).
- 3.7.5 The NBC CCTV control room data analysed was all incidents classified as 'public order.' Public order incidents include the following sub categories: - drunk & disorderly, anti-social behaviour, domestic violence, juvenile nuisance, criminal damage, ABH, GBH, drunk and incapable, and begging.
- 3.7.6 It should be noted that much of this data will be captured within police recorded crime data, for example one assault may have been identified by NBC CCTV control room, attended to by EMAS and Northamptonshire Police, then the victim presented at Northampton General Hospital A&E. As a result, this data should be considered added contextual information.
- 3.7.7 It should also be noted that data for previous years does not exist for this other agency data so comparisons are unable to be shown. The analysis below therefore illustrates the current context and does not show any change over time as a consequence of later liquor licensing hours.

4 Crime and Disorder

4.1 General

- 4.1.1 The Leisure Zone area accounts for 1.7% of the geographical area of Northampton Borough, yet in 2012/13 22.9% of All Crime occurs in this same area, and of this volume, 27.5% occurs during the NTE period. Likewise, 15.9% of all incidents occur on the Leisure Zone, and within that 13.7% occurs during the NTE period. The NTE period accounts for 10.7% of a week (18 hours of the 168 in a week). This disproportionate amount of crime and incidents in the Leisure Zone and particularly during the NTE period highlight the specific nature of this area and its contribution to crime and disorder.

1. The leisure zone area, and the NTE period specifically account for a disproportionate amount of crime within Northampton Borough.

4.2 All crime

4.2.1 All Crime within Northampton Borough as recorded by the Police has fallen 37.3% since 2004/5. However, this reduction has not been equal across the Borough or during the course of a day. The reduction on the Leisure Zone area specifically has only fallen 24%. The proportion of crime that is within the Leisure Zone has also increased from 18.9% in 2004/5 to 22.9% in 2012/13. The table below shows how Borough and Leisure Zone crime levels have changed over time.

Year	All Crime in Northampton	All Crime In Northampton (Excl LZ)	% of Whole	All Crime In Northampton LZ	% of Whole
Reduction in whole period	-37.3%	-40.4%		-24.0%	
2012/13	19779	15250	77.1%	4529	22.9%
2011/12	20224	15975	79.0%	4249	21.0%
2010/11	19537	15519	79.4%	4018	20.6%
2009/10	21842	17338	79.4%	4504	20.6%
2008/09	23643	19176	81.1%	4467	18.9%
2007/08	26546	21414	80.7%	5132	19.3%
2006/07	285266	22936	81.1%	5330	18.9%
2005/06	29453	23562	80.0%	5891	20.0%
2004/05	31545	25587	81.1%	5958	18.9%

2. Crime on the leisure zone has fallen at a slower rate when compared with the rest of Northampton.

4.2.2 The Leisure Zone has produced a crime pattern that is different to the rest of the Borough. This is not unusual given the concentration of shops and retail outlets within the area. However, it is not just day time crime that has changed, crime occurring during evenings and early mornings has changed too.

4.2.3 Analysis of crime by hour and day has shown a diverging trend when looking at the Borough and Leisure Zones separately. Over a third of crime occurring in the NTE for the whole Borough takes place within the Leisure Zone. Furthermore, within the Leisure Zone, the highest volume of offending takes place during the NTE. 27.4% of crime occurred between 21.00-05.59 Friday/Saturday & Saturday/Sunday in 2012/13 compared with 20.6% in 2004/5 and 22.1% in 2005/6 (the first year after the licensing hours were relaxed nationally).

3. Within the Leisure Zone, over a quarter of crime takes place within the NTE period

4.2.4 The tables below show the LZ crime volume during 2004/5 and 2012/13. The peak of crime in 2004/5 was between 23.00 and 02.59 and moderate crime levels only continued until 03.59. However, this has gradually shifted over time and by 2012/13 this peak had extended to between 00:00 and 04:59 on Friday/Saturday/Sunday.

All Crime within Northampton Leisure Zone							
2004/05	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON
12:00-12:59	44	54	48	41	32	41	30
13:00-13:59	44	54	68	44	54	50	21
14:00-14:59	52	58	65	54	61	65	25
15:00-15:59	75	74	82	64	78	74	24
16:00-16:59	66	60	52	69	61	75	15
17:00-17:59	45	47	47	46	58	58	16
18:00-18:59	28	20	20	45	23	32	14
19:00-19:59	23	23	24	28	24	20	17
20:00-20:59	17	22	17	27	19	22	21
21:00-21:59	20	28	24	18	23	30	25
22:00-22:59	19	23	30	29	55	63	35
23:00-23:59	32	45	60	56	109	105	42
00:00-00:59	48	52	93	86	132	98	92
01:00-01:59	29	11	48	28	121	105	39
02:00-02:59	20	13	40	28	123	88	22
03:00-03:59	8	5	20	14	62	65	8
04:00-04:59	5	1	11	10	23	17	4
05:00-05:59	5	6	4	2	4	3	1
06:00-06:59	10	5	9	5	10	6	7
07:00-07:59	15	8	12	11	13	8	13
08:00-08:59	25	15	14	23	17	7	25
09:00-09:59	28	26	24	22	18	9	28
10:00-10:59	31	17	25	24	27	19	26
11:00-11:59	42	37	36	40	37	21	21

All Crime within Northampton Leisure Zone							
2012/13	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON
12:00-12:59	37	39	35	35	44	31	29
13:00-13:59	26	34	42	33	37	38	33
14:00-14:59	48	52	45	37	35	35	23
15:00-15:59	39	36	46	40	41	45	18
16:00-16:59	42	33	52	44	45	47	18
17:00-17:59	18	42	42	37	39	31	13
18:00-18:59	21	21	17	24	25	24	16
19:00-19:59	22	18	9	17	21	10	21
20:00-20:59	10	11	17	13	15	20	14
21:00-21:59	18	16	17	15	26	26	12
22:00-22:59	14	10	15	15	26	27	16
23:00-23:59	26	22	17	18	56	63	28
00:00-00:59	14	19	25	23	47	85	25
01:00-01:59	14	20	17	23	83	180	20
02:00-02:59	15	18	22	33	130	162	15
03:00-03:59	11	23	19	30	80	94	9
04:00-04:59	15	7	9	16	54	58	17
05:00-05:59	9	5	4	3	18	28	8
06:00-06:59	2	1	5	3	16	18	6
07:00-07:59	8	9	7	11	5	5	7
08:00-08:59	18	14	15	15	9	7	14
09:00-09:59	18	10	11	17	18	14	17
10:00-10:59	26	31	27	26	19	11	21
11:00-11:59	29	23	33	27	22	18	24

4.2.5 This extension of crime to latter hours of Saturday and Sunday mornings on the Leisure Zone is impacting on one of the licensing objectives – the Prevention of Crime and Disorder. A growing volume and proportion of crime is now taking place after 03.00 Saturday and Sunday mornings which previously did not occur. The proportion of NTE crime which took place during 03.00-05.59 on a Saturday/Sunday has increased from 14.2% in 2004/5 to 26.7% in 2012/13.

4.Crime occurring on the leisure zone between 03.00-05.59 Saturday and Sunday mornings is increasing in volume and proportion terms. The public are subject to more crime and disorder during this time than they have in the past, thus not meeting the licensing objective of Prevention of Crime and Disorder.

4.2.6 Analysis of crime types has identified that nearly three quarters of offending which took place during the NTE period related to Stealing or Violence (71.4%) during 2012/13. This has increased when compared with 2004/5 from 67.1%. In terms of achieving the licensing objective of the Prevention of crime and disorder, activity that tackles reducing stealing and violence is of particular interest. Whilst it is understood that an element of reported stealing could relate to fraudulent claims for lost mobile phones or devices, research carried out by the Jill Dando Institute reveals this would only be 10% of cases.

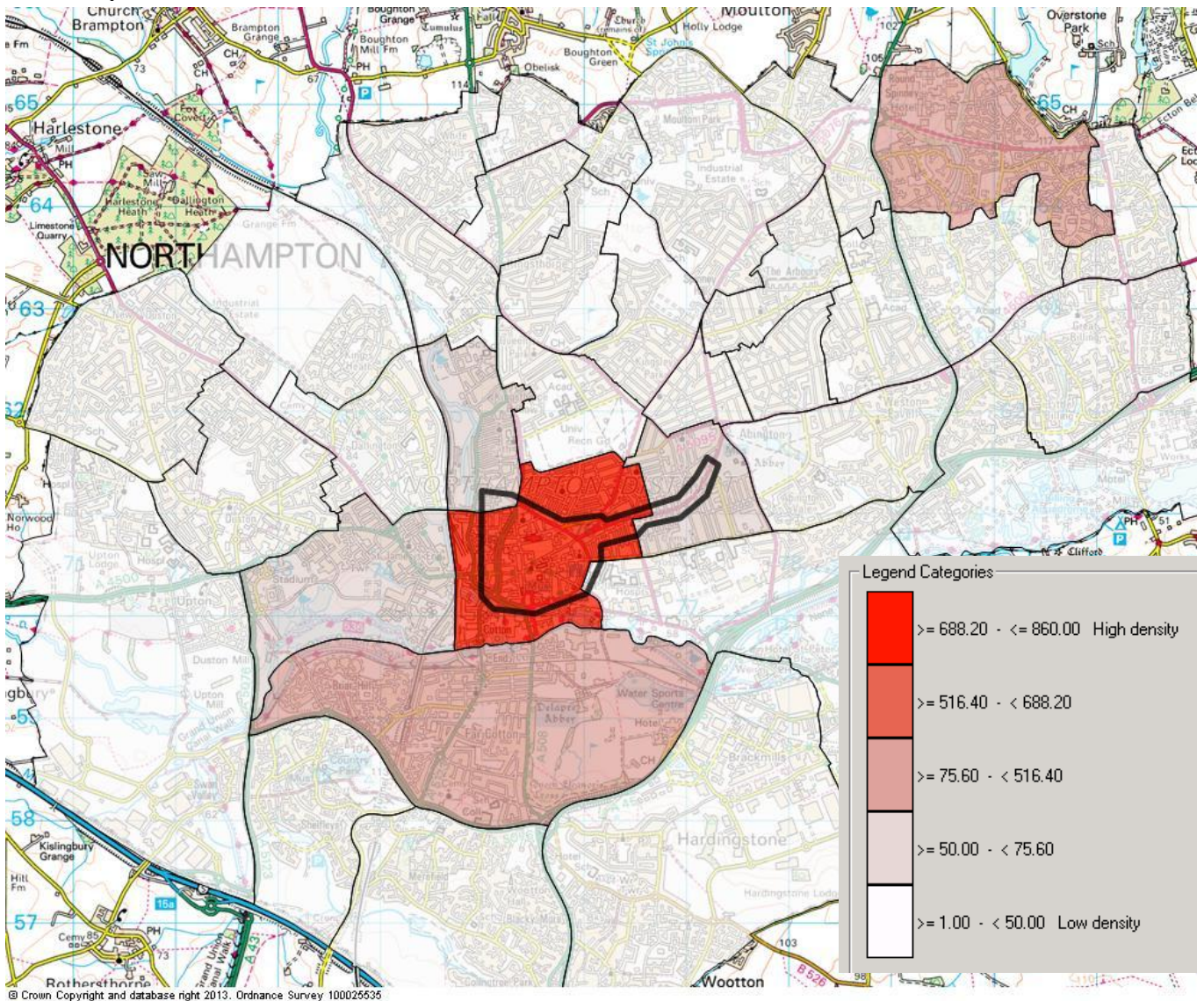
	No. of Crimes 2012/13	No. of Crimes during NTE hours 2012/13	% of all NTE crime 2012/13	% of all NTE crime 2004/05
Stealing	11223	1215	42.6%	40.7%
Violence Against The Person	3536	820	28.8%	26.4%
Criminal Damage & Arson	3177	405	14.2%	21.9%
Drug Offences	689	171	6.0%	2.0%
Public Disorder	494	113	4.0%	3.0%
Sexual Offences	351	62	2.2%	1.2%
Fraud & Forgery	255	14	0.5%	4.3%
Crimes Disrupted	221	45	1.6%	1.0%
Other Non Victim Based	81	6	0.2%	2.6%
ALL CRIME	20,027	2,851		

4.2.7 Of the 20,027 all crime offences recorded for Northampton Borough in 2012/13, 9.4% had an alcohol flag. It is important to note that this is likely to be an underestimate of the actual proportion of alcohol related offences (see 3.6.2). It is not possible to analyse how the proportion of alcohol-related offences has changed since 2004/5, as this flag was only introduced as a mandatory field in 1st April 2008.

4.2.8 40.7% (763) of alcohol-related all crime took place during the NTE period. Highest on Saturday 02:00-03:59 and Sunday 00:00-03:59.

4.2.9 The majority of alcohol-related crimes in 2012/13 were violence offences (77.9%), followed by Public Disorder (12.3%). Alcohol motivated crimes are not just confined to the Leisure Zone. Figure.3 below shows that alcohol flagged crimes do occur elsewhere on the Borough but to a far lesser extent. The majority are confined to two wards that the Leisure Zone forms part of.

Figure 3. All Crime across the Borough with an Offender Drink related tag (split by Wards):



5. Where alcohol has been identified as a factor for the offender, the majority are violence against the person, and a large proportion occur within the Leisure Zone and NTE period.

4.3 Violence against the person

4.3.1 With Violence against the person identified as a significant proportion of crime during the NTE period, and the majority of alcohol flagged crime as violence, this next section concentrates on the pattern of violence against the person.

4.3.2 During 2012/13, 3536 crimes of violence against the person were recorded in Northampton Borough. This is a reduction of 21.7% compared with 2004/5 levels, which is a much slower rate of reduction than for all crime (37.5%). Violence offences account for an increasing proportion of all crime (from 13.1% in 2004/5 to 17.9% in 2012/13).

*From this overall data, between 0.1% and 1.4% of crime was unable to be mapped, due to the victim being unable to say exactly where the crime happened. The below data reflects only mapped data.

Year	Violence in Northampton (Excl LZ)	Violence in Northampton (Excl LZ) NTE	Violence in Northampton (Excl LZ) 03:00-05:59	Violence in Northampton LZ	Violence in Northampton LZ NTE	Violence in Northampton LZ 03:00-05:59	% of All Crime on Northampton
Reduction in whole period	-20.4%	-19.9%	52.8%	-26.9%	-28.6%	91.2%	
2012/13	2615	472	110	873	340	109	17.9
2011/12	2873	483	88	973	385	111	19.2
2010/11	2818	513	95	998	431	97	19.7
2009/10	2805	506	94	970	446	123	17.4
2008/09	2512	508	86	830	350	107	14.2
2007/08	3079	702	87	1196	610	130	16.1
2006/07	2866	602	98	1084	516	102	14
2005/06	3018	581	94	1119	490	72	14.1
2004/05	3286	589	72	1194	476	57	13.1

4.3.3 The table above shows that although violence has reduced over the 9 year period, it accounts for an increasing proportion of All Crime in more recent years (far right column). The rate of reduction for violence is also lower than All Crime and remains a focus for the Police and Northampton CSP. Crucially it shows the change in violence between the 03:00-05:59 period. There is a 91.2% increase in recorded violence on the Leisure Zone between 2004/05 and 2012/13, from 57 crimes to 109. This is also reflected in Northampton (excl LZ) albeit an increase of 52.8%

4.3.4 25.0% of all violence occurred on the Leisure Zone in 2012/13. This has remained relatively stable over the last 9 years.

6. Violence is reducing at a slower rate than All crime and accounts for a higher proportion of all crime in recent years than it did in 2004/5.

7. Violence on the leisure zone is decreasing overall, but the within 03:00-05:59 it is increasing

4.3.5 14.2% of violence offences in 2012/13 took place during the Night time Economy period, which was slightly lower in 2004/5 (14.1%). This is the case for the wider Borough and the Leisure Zone. This small time period accounts for a disproportionate volume of violence compared with the number of hours it makes up.

4.3.6 When looking at the hour by hour totals for the Borough and Leisure Zone, it is clear that 2012/13 violence is spread over a longer period within the NTE whereas 2004/5 was more concentrated to a smaller range. The leisure zone shows a particularly strong extension of hours. The tables below show the volume of violence by hour and day for 2004/5 and 2012/13 for the leisure zone.

VAP within Northampton Leisure Zone							
2004/05	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON
12:00-12:59	4	3	2	4	2	1	3
13:00-13:59	7	5	5	3	5	3	2
14:00-14:59	7	4	5	7	7	11	3
15:00-15:59	8	12	6	7	10	10	0
16:00-16:59	9	8	3	7	6	8	4
17:00-17:59	7	4	7	3	3	12	5
18:00-18:59	10	6	3	2	2	6	1
19:00-19:59	2	5	4	5	1	6	5
20:00-20:59	3	4	3	6	3	7	9
21:00-21:59	4	7	7	2	9	17	7
22:00-22:59	5	2	7	6	13	21	8
23:00-23:59	8	10	14	13	36	38	16
00:00-00:59	8	1	13	14	39	32	17
01:00-01:59	7	3	25	6	65	56	21
02:00-02:59	8	3	11	19	67	26	10
03:00-03:59	2	0	6	6	21	26	2
04:00-04:59	1	0	5	2	6	3	0
05:00-05:59	1	2	1	0	1	0	0
06:00-06:59	1	2	2	2	0	2	0
07:00-07:59	0	1	0	0	2	0	1
08:00-08:59	1	3	1	2	1	0	0
09:00-09:59	4	5	1	2	0	1	4
10:00-10:59	3	4	2	2	2	1	4
11:00-11:59	1	5	3	6	5	2	5

VAP within Northampton Leisure Zone							
2005/06	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON
12:00-12:59	4	6	4	4	5	3	1
13:00-13:59	2	3	5	4	10	5	4
14:00-14:59	6	5	3	3	8	7	1
15:00-15:59	2	11	7	4	15	9	6
16:00-16:59	5	11	4	7	10	10	3
17:00-17:59	0	5	5	3	10	7	4
18:00-18:59	1	6	3	5	10	6	0
19:00-19:59	4	7	2	3	5	5	3
20:00-20:59	3	8	1	3	9	8	4
21:00-21:59	4	5	3	7	3	9	7
22:00-22:59	7	5	4	2	16	19	9
23:00-23:59	5	6	5	11	37	33	13
00:00-00:59	2	4	7	10	35	41	7
01:00-01:59	6	1	14	10	41	61	13
02:00-02:59	7	3	21	6	66	57	10
03:00-03:59	2	2	5	5	25	30	5
04:00-04:59	2	2	0	1	5	9	1
05:00-05:59	0	1	1	1	2	1	2
06:00-06:59	0	1	0	1	1	1	2
07:00-07:59	0	2	0	1	0	0	1
08:00-08:59	1	0	3	0	2	2	3
09:00-09:59	1	2	4	1	2	1	1
10:00-10:59	2	2	1	1	1	0	1
11:00-11:59	5	0	3	1	5	0	3

	VAP within Northampton Leisure Zone							
2006/07	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON	
12:00-12:59	5	1	2	1	6	10	2	
13:00-13:59	5	7	2	6	4	2	2	
14:00-14:59	8	3	5	5	5	2	0	
15:00-15:59	8	3	7	6	5	9	1	
16:00-16:59	3	2	3	6	7	7	3	
17:00-17:59	3	2	3	4	7	6	5	
18:00-18:59	3	4	2	10	4	7	2	
19:00-19:59	2	1	5	6	5	9	5	
20:00-20:59	6	2	0	4	3	13	4	
21:00-21:59	2	5	3	2	22	20	5	
22:00-22:59	4	3	4	2	34	36	5	
23:00-23:59	13	7	10	13	31	42	8	
00:00-00:59	8	6	6	9	41	62	7	
01:00-01:59	16	5	17	9	65	45	16	
02:00-02:59	3	2	8	9	36	37	6	
03:00-03:59	1	1	3	1	14	9	2	
04:00-04:59	2	1	1	1	4	2	1	
05:00-05:59	0	0	0	0	1	2	1	
06:00-06:59	0	2	1	2	1	0	0	
07:00-07:59	0	0	0	2	2	0	1	
08:00-08:59	2	3	1	2	2	1	0	
09:00-09:59	5	3	1	1	0	4	0	
10:00-10:59	3	2	3	3	4	3	0	
11:00-11:59	3	3	2	3	5	1	2	
	VAP within Northampton Leisure Zone							
2007/08	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON	
12:00-12:59	5	2	1	4	6	1	3	
13:00-13:59	3	1	3	6	6	4	3	
14:00-14:59	2	6	5	7	2	4	5	
15:00-15:59	6	8	7	3	3	8	5	
16:00-16:59	8	9	1	9	4	8	9	
17:00-17:59	7	4	10	1	2	9	4	
18:00-18:59	3	5	3	2	4	7	3	
19:00-19:59	1	10	2	5	8	3	6	
20:00-20:59	5	3	4	1	1	6	5	
21:00-21:59	1	2	3	5	5	20	5	
22:00-22:59	1	5	2	5	26	18	6	
23:00-23:59	7	9	7	3	44	45	10	
00:00-00:59	9	6	6	10	50	39	12	
01:00-01:59	14	6	14	11	62	51	10	
02:00-02:59	3	1	10	8	56	64	7	
03:00-03:59	5	5	10	11	43	47	6	
04:00-04:59	1	1	1	2	18	12	3	
05:00-05:59	0	0	0	1	8	2	2	
06:00-06:59	0	1	0	1	1	1	1	
07:00-07:59	0	0	1	1	0	2	0	
08:00-08:59	0	2	1	1	1	0	0	
09:00-09:59	4	0	0	1	0	1	1	
10:00-10:59	3	3	1	0	0	0	3	
11:00-11:59	3	3	2	0	5	4	1	

VAP within Northampton Leisure Zone							
2008/09	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON
12:00-12:59	4	5	0	2	1	6	1
13:00-13:59	2	0	7	4	2	4	3
14:00-14:59	4	1	4	4	6	9	3
15:00-15:59	3	5	3	1	5	7	2
16:00-16:59	5	6	7	3	5	9	2
17:00-17:59	6	4	3	3	3	5	4
18:00-18:59	6	4	3	2	2	3	2
19:00-19:59	2	2	5	4	1	7	3
20:00-20:59	5	2	1	4	5	5	5
21:00-21:59	0	4	0	3	3	13	6
22:00-22:59	2	5	1	2	7	7	5
23:00-23:59	4	5	2	6	16	18	5
00:00-00:59	6	5	18	5	18	29	9
01:00-01:59	3	5	9	2	27	35	6
02:00-02:59	5	7	15	6	26	44	1
03:00-03:59	5	2	8	3	35	31	6
04:00-04:59	2	2	2	5	18	14	1
05:00-05:59	0	1	0	0	5	4	1
06:00-06:59	1	0	0	0	0	5	1
07:00-07:59	1	0	0	0	0	3	0
08:00-08:59	0	0	2	0	1	2	0
09:00-09:59	1	0	1	0	0	0	4
10:00-10:59	2	1	0	3	4	2	2
11:00-11:59	2	3	3	2	3	2	3

VAP within Northampton Leisure Zone							
2009/10	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON
12:00-12:59	3	6	4	5	1	2	2
13:00-13:59	2	1	4	1	0	1	0
14:00-14:59	2	2	3	2	7	8	2
15:00-15:59	8	3	4	5	8	7	4
16:00-16:59	6	4	5	2	3	4	0
17:00-17:59	6	7	9	2	4	7	0
18:00-18:59	1	0	5	6	5	4	2
19:00-19:59	2	3	3	2	8	8	5
20:00-20:59	1	3	6	2	4	4	8
21:00-21:59	1	3	3	2	5	10	3
22:00-22:59	1	0	3	4	6	12	4
23:00-23:59	1	8	5	15	16	16	10
00:00-00:59	5	3	5	8	22	32	7
01:00-01:59	5	2	5	18	40	48	7
02:00-02:59	10	3	9	13	51	65	10
03:00-03:59	17	2	6	10	35	38	3
04:00-04:59	3	0	4	2	12	24	4
05:00-05:59	2	0	1	2	7	7	1
06:00-06:59	0	2	0	0	3	3	0
07:00-07:59	0	1	0	0	4	0	0
08:00-08:59	0	1	1	0	4	2	0
09:00-09:59	1	2	0	1	1	1	3
10:00-10:59	3	1	2	5	0	0	0
11:00-11:59	2	4	1	2	2	1	3

	VAP within Northampton Leisure Zone							
2010/11	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON	
12:00-12:59	10	5	5	3	4	5	2	
13:00-13:59	1	0	5	2	3	7	3	
14:00-14:59	4	5	4	7	4	5	3	
15:00-15:59	4	3	5	3	4	4	1	
16:00-16:59	5	2	8	6	9	4	4	
17:00-17:59	3	6	1	2	1	0	3	
18:00-18:59	5	5	5	9	7	3	5	
19:00-19:59	5	5	4	2	2	3	3	
20:00-20:59	0	1	5	8	4	8	2	
21:00-21:59	2	5	3	6	5	5	2	
22:00-22:59	6	4	3	4	10	17	5	
23:00-23:59	6	6	9	4	16	25	4	
00:00-00:59	7	6	7	8	26	36	6	
01:00-01:59	8	10	8	8	37	63	6	
02:00-02:59	8	8	4	6	38	56	10	
03:00-03:59	17	11	12	7	22	31	5	
04:00-04:59	3	2	1	4	10	14	5	
05:00-05:59	0	0	1	1	9	11	0	
06:00-06:59	0	0	0	1	1	4	1	
07:00-07:59	2	0	0	2	0	1	1	
08:00-08:59	1	1	1	0	1	0	0	
09:00-09:59	0	1	0	2	1	5	3	
10:00-10:59	1	1	3	5	1	1	3	
11:00-11:59	4	3	2	3	4	1	2	
	VAP within Northampton Leisure Zone							
2011/12	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON	
12:00-12:59	3	4	5	2	11	4	4	
13:00-13:59	7	2	4	3	8	1	3	
14:00-14:59	6	3	3	4	4	3	2	
15:00-15:59	4	5	10	7	4	5	8	
16:00-16:59	1	11	2	7	5	11	1	
17:00-17:59	3	2	3	5	8	6	3	
18:00-18:59	3	4	6	0	6	7	0	
19:00-19:59	5	1	4	2	7	6	3	
20:00-20:59	1	4	6	4	9	5	6	
21:00-21:59	3	6	4	2	11	12	3	
22:00-22:59	1	4	5	12	15	23	5	
23:00-23:59	0	6	5	4	19	34	7	
00:00-00:59	8	6	2	13	26	49	2	
01:00-01:59	3	10	3	13	22	49	6	
02:00-02:59	4	8	9	18	25	35	2	
03:00-03:59	3	5	2	11	24	22	9	
04:00-04:59	0	0	2	3	2	3	0	
05:00-05:59	1	2	0	0	1	7	0	
06:00-06:59	1	1	1	1	0	2	0	
07:00-07:59	1	1	0	0	2	4	0	
08:00-08:59	3	2	0	1	1	4	3	
09:00-09:59	3	2	2	2	3	0	3	
10:00-10:59	2	1	7	4	3	4	2	
11:00-11:59	2	7	7	2	3	2	7	

	VAP within Northampton Leisure Zone							
2012/13	MON/ TUES	TUE/ WEDS	WED/ THURS	THURS/ FRI	FRI/ SAT	SAT/ SUN	SUN/ MON	
12:00-12:59	3	1	3	4	2	2	2	
13:00-13:59	2	6	1	4	4	5	4	
14:00-14:59	2	4	3	6	3	3	3	
15:00-15:59	2	5	6	2	5	7	2	
16:00-16:59	6	2	6	1	7	4	3	
17:00-17:59	1	6	6	2	7	6	2	
18:00-18:59	0	7	6	2	7	7	6	
19:00-19:59	5	3	2	4	6	3	3	
20:00-20:59	2	2	8	1	3	8	4	
21:00-21:59	3	4	3	0	7	7	5	
22:00-22:59	2	1	3	4	5	7	4	
23:00-23:59	8	8	6	3	17	19	6	
00:00-00:59	4	5	6	4	13	13	12	
01:00-01:59	2	10	4	6	20	46	9	
02:00-02:59	4	9	4	12	48	29	7	
03:00-03:59	5	10	8	8	23	29	3	
04:00-04:59	8	2	2	11	23	18	7	
05:00-05:59	2	0	1	0	5	11	0	
06:00-06:59	0	0	1	0	5	4	2	
07:00-07:59	0	0	0	0	0	0	0	
08:00-08:59	1	0	1	0	2	0	1	
09:00-09:59	1	3	1	3	2	4	1	
10:00-10:59	3	2	2	3	2	1	2	
11:00-11:59	5	0	3	0	5	1	3	

4.3.7 The peak times for violence have extended from 23.00-02.59 on Friday/Saturday/Sunday, in 2004/5 to include 03.00-04.59 on a Saturday/Sunday morning in 2012/13. This extension is not achieving the licensing objective of Preventing Crime and Disorder.

8. Violence on the Leisure Zone remains statistically higher for a longer period of time in 2012/13 than in previous years and since the licensing laws were relaxed.

4.3.8 The proportion of Night Time Economy violence on the Leisure Zone which took place specifically between 03.00-05.59 on a Saturday/Sunday, has increased from 12% in 2004/5 to 32.1% in 2012/13 (an increase of 91% in volume terms). This 3 hour period is accounting for a much larger volume of violence than it ever has and the table below shows how the volume has increased since the licensing laws were relaxed on selling alcohol.

		00:00-00:59					01:00-01:59		
Year	VAP in Northampton LZ 2012/13	VAP in Northampton LZ 2004/05	% Change	Year	VAP in Northampton LZ 2012/13	VAP in Northampton LZ 2004/05	% Change		
Mon	12	17	-29.4%	Mon	9	21	-57.1%		
Tues	4	8	-50.0%	Tues	2	7	-71.4%		
Weds	5	1	400.0%	Weds	10	3	233.3%		
Thurs	6	13	-53.8%	Thurs	4	25	-84.0%		
Fri	4	14	-71.4%	Fri	6	6	0.0%		
Sat	13	39	-66.7%	Sat	20	65	-69.2%		
Sun	13	32	-59.4%	Sun	46	56	-17.9%		
Total	57	124	-54.0%	Total	97	183	-47.0%		
Sat/Sun Total	26	71	-63.4%	Sat/Sun Total	66	121	-45.5%		

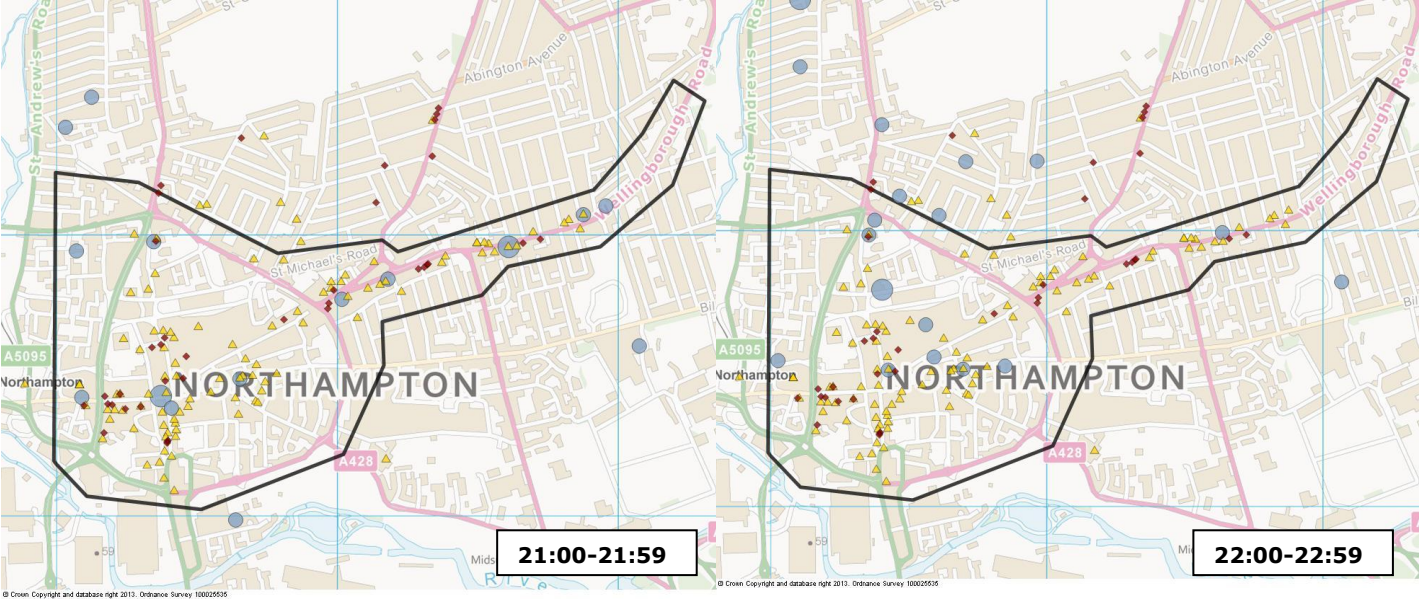
		02:00-02:59					03:00-03:59		
Year	VAP in Northampton LZ 2012/13	VAP in Northampton LZ 2004/05	% Change	Year	VAP in Northampton LZ 2012/13	VAP in Northampton LZ 2004/05	% Change		
Mon	7	10	-30.0%	Mon	3	2	50.0%		
Tues	4	8	-50.0%	Tues	5	2	150.0%		
Weds	9	3	200.0%	Weds	10	0	#DIV/0!		
Thurs	4	11	-63.6%	Thurs	8	6	33.3%		
Fri	12	19	-36.8%	Fri	8	6	33.3%		
Sat	48	67	-28.4%	Sat	23	21	9.5%		
Sun	29	26	11.5%	Sun	29	26	11.5%		
Total	113	144	-21.5%	Total	86	63	36.5%		
Sat/Sun Total	77	93	-17.2%	Sat/Sun Total	52	47	10.6%		

04:00-04:59				05:00-05:59			
Year	VAP in Northampton LZ 2012/13	VAP in Northampton LZ 2004/05	% Change	Year	VAP in Northampton LZ 2012/13	VAP in Northampton LZ 2004/05	% Change
Mon	7	0		Mon	0	0	
Tues	8	1	700.0%	Tues	2	1	100.0%
Weds	2	0		Weds	0	2	-100.0%
Thurs	2	5	-60.0%	Thurs	1	1	0.0%
Fri	11	2	450.0%	Fri	0	0	
Sat	23	6	283.3%	Sat	5	1	400.0%
Sun	18	3	500.0%	Sun	11	0	
Total	71	17	317.6%	Total	19	5	280.0%
Sat/Sun Total	41	9	355.6%	Sat/Sun Total	16	1	1500.0%

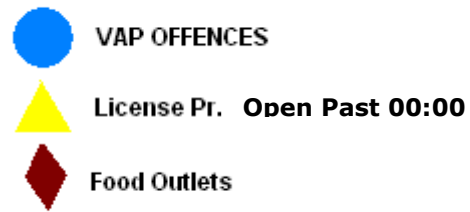
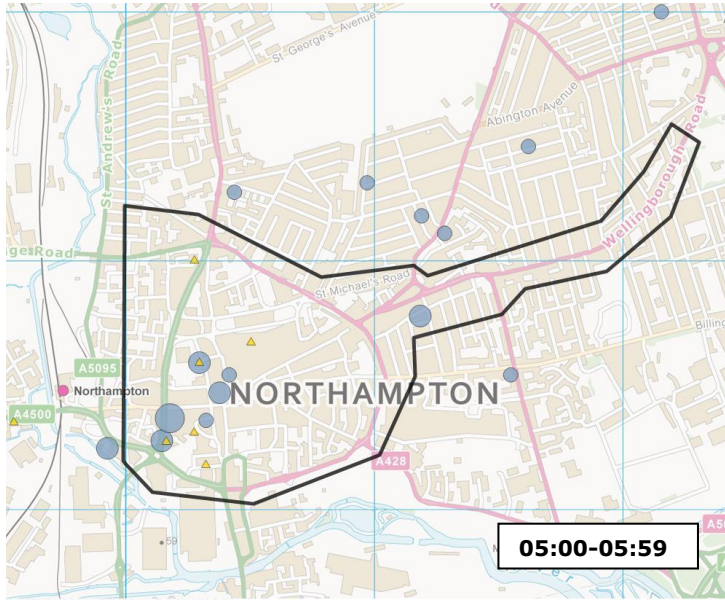
9. Violence on the Leisure Zone between 03.00-05.59 has increased by 91% between 2004/5 and 2012/13.

4.3.9 The pattern of violence during 2012/13 and within the NTE period shows wide dispersal from 21.00 and increased concentration towards a single area from 02.00. The maps below show the progression of violence between 21.00 and 05.59. The high volume that still exists after 03.00 is different to previous years, especially prior to the extension of the licensing hours. When compared with the locations of licensed premises and food outlets open at each hour, there is a clear correlation as can be seen in figure.4 below.

Figure.4







10. There is a concentration of violence after 02.00 within a specific area of the leisure Zone, in close proximity to open licensed premises, and a disproportionate amount of violence 03.00-05.59 in the same area.

4.3.10 41.3% of violence is alcohol flagged, which represents 1460 offences for 2012/13. 42.6% of these offences took place during the Night Time Economy (622), with 29.9% (186) occurring between the hours of 03.00-05.59.

4.3.11 Over a third of alcohol related violence in 2012/13 took place on the Leisure Zone (38%, 555). Over half of all alcohol related violence that took place on the Leisure Zone, occurred during the Night Time Economy period (51.7%, 287), and a high proportion within that specifically between the hours of 03.00-05.59 (32.8%, 94). Although small volumes because of how it is counted, it still represents a current issue.

11. The NTE period accounts for a high proportion of alcohol flagged violence both for the wider Borough and particularly for the LZ area.

12. A third of LZ alcohol flagged violence occurs between 03.00-05.59 at weekends.

5.1 Northampton General Hospital A&E Assaults Data

5.1.1 It is widely recognised only a portion of crime is reported to the police, in order to verify the findings from analysis of police recorded crime data, data relating to crime and disorder sourced from other agencies has been analysed.

5.1.2 Temporal Analysis of A&E assaults in the town centre shows a significant peak between 01:00 – 03:59 on a Friday/Saturday and 00:00 – 04:59 on a Saturday/Sunday night. This peak is also observed on a Thursday/Friday, albeit it isn't statistically significant.

13. A&E assaults peak at weekends and in the early hours of Saturday and Sunday mornings.

5.1.3 This peak in town centre A&E recorded assaults correlates with widespread later alcohol licensing hours in the leisure zone, during weekends. As shown 74.3% of assaults between Friday 12:00 – Sunday 11:59 occur between 00:00 – 06:00, compared to 58.1% of those occurring between Sunday 12:00 – Friday 11:59.

5.1.4 43.4% of assaults within the town centre recorded by A&E occurred between 00:00 – 06:00 on Friday/Saturday and Saturday/Sunday nights, this time period accounts for 7% of the week. Similarly, 16.8% of these assaults occurred between 03:00 – 06:00 on Friday/Saturday and Saturday/Sunday nights. This time period accounts for just 3.6% of the week.

Northampton General Hospital A&E Assaults By Time Of Day: Town Centre (NN1 Postcode)							
Hour/ Day of Assault	Mon/Tues	Tues/Weds	Weds/Thurs	Thurs/Fri	Fri/Sat	Sat/Sun	Sun/Mon
12:00 - 12:59	1	0	0	4	0	1	2
13:00 - 13:59	1	1	0	1	0	0	2
14:00 - 14:59	0	0	2	3	3	2	0
15:00 - 15:59	2	4	0	0	4	4	0
16:00 - 16:59	3	2	3	0	1	6	6
17:00 - 17:59	2	8	1	2	5	4	2
18:00 - 18:59	2	2	0	4	4	4	5
19:00 - 19:59	1	4	1	0	4	3	1
20:00 - 20:59	3	2	2	2	4	4	7
21:00 - 21:59	5	4	0	2	7	6	5
22:00 - 22:59	7	11	4	8	7	15	6
23:00 - 23:59	3	1	6	7	26	20	8
00:00 - 00:59	7	4	7	9	24	29	5
01:00 - 01:59	10	12	7	17	41	58	8
02:00 - 02:59	7	17	9	22	50	74	10
03:00 - 03:59	11	6	14	27	43	62	9
04:00 - 04:59	3	2	6	10	19	33	5
05:00 - 05:59	0	1	2	2	10	7	1
06:00 - 06:59	0	2	0	3	2	9	1
07:00 - 07:59	0	0	0	1	1	3	0
08:00 - 08:59	0	0	1	0	1	0	0
09:00 - 09:59	1	1	0	0	0	0	0
10:00 - 10:59	1	0	0	2	0	1	0
11:00 - 11:59	0	2	0	0	3	2	0

**There were 9 assaults recorded with fields missing for either time or day of assault, these have been discounted.*

5.1.5 Temporal Analysis of A&E assaults outside the town centre show a different picture, with peaks being less significant and slightly earlier in the night time economy. Assaults peak between 23:00 – 02:59 on a Friday/Saturday and between 19:00 – 01:59 on a Saturday/Sunday. This demonstrates the density of licensed premises selling alcohol later at night within the town centre has a clear impact upon the volume assault victims attending A&E at this time of night.

5.1.6 19.1% of assaults outside the town centre occurred between 00:00 – 06:00 on Friday/Saturday and Saturday/Sunday nights, a much lower figure compared to 43.4% within the town centre. Similarly, 4.6% of assaults outside the town centre occurred between 03:00 – 06:00 Friday/Saturday and Saturday/Sunday nights, this is much more aligned with the proportion of the week this time frame accounts for (3.6%).

Northampton General Hospital A&E Assaults By Time Of Day: Northampton (excluding NN1 Postcode)							
Hour/ Day of Assault	Mon/Tues	Tues/Weds	Weds/Thurs	Thurs/Fri	Fri/Sat	Sat/Sun	Sun/Mon
12:00 - 12:59	4	1	2	0	0	1	2
13:00 - 13:59	3	2	0	1	1	4	3
14:00 - 14:59	2	3	0	2	2	3	4
15:00 - 15:59	3	1	0	3	2	4	1
16:00 - 16:59	1	2	5	3	2	4	7
17:00 - 17:59	1	1	4	1	6	6	3
18:00 - 18:59	3	5	5	3	7	2	5
19:00 - 19:59	7	7	5	3	2	15	8
20:00 - 20:59	9	5	5	6	10	13	4
21:00 - 21:59	3	2	5	4	5	10	5
22:00 - 22:59	5	7	2	5	11	11	12
23:00 - 23:59	6	0	4	3	21	21	9
00:00 - 00:59	3	3	2	4	15	7	1
01:00 - 01:59	1	0	0	2	16	22	4
02:00 - 02:59	1	2	2	2	14	8	2
03:00 - 03:59	3	1	3	1	5	8	1
04:00 - 04:59	0	0	1	0	8	4	1
05:00 - 05:59	0	1	0	1	0	1	0
06:00 - 06:59	0	0	2	0	0	1	1
07:00 - 07:59	0	1	0	0	4	0	0
08:00 - 08:59	1	0	1	2	5	0	3
09:00 - 09:59	2	1	0	0	0	0	0
10:00 - 10:59	1	1	1	2	0	0	1
11:00 - 11:59	0	1	1	0	3	0	1

**There were 24 assaults recorded with fields missing for either time or day of assault, these have been discounted.*

5.1.7 As this data is self-reported by patients, the location information of the data is considered not robust enough to be included within this report. However, East Midlands Ambulance Service (EMAS) pick up information is geocoded by XY co-ordinates so provides a reliable picture of emergency health conditions by time and place across Northampton.

5.2 East Midlands Ambulance Service (EMAS) Pick Ups

5.2.1 EMAS pick up data both inside and outside of the leisure zone was analysed by time and location of pick up to find peak times of callouts and determine if there is any geographic correlation between call outs and licensed premises locations.

5.2.2 The following tables show the peak times for EMAS pickups categorised as Assault/Sexual Assault only, as this is the only EMAS data which illustrates crime & disorder.

5.2.3 As shown, there is a significant peak in assaults within the leisure zone between 01:00 – 04:59 on a Friday/Saturday and 00:00 – 04:59 on a Saturday/Sunday. Outside of the leisure zone this peak is slightly earlier; 23:00 – 03:59 on both Friday/Saturday and Saturday/Sunday.

EMAS Assault Pick Ups By Day & Time: Northampton Leisure Zone Only							
Hour/ Day of Assault	Mon/Tues	Tues/Weds	Weds/Thurs	Thurs/Fri	Fri/Sat	Sat/Sun	Sun/Mon
12:00 - 12:59	0	2	1	2	1	3	0
13:00 - 13:59	1	2	2	1	5	1	0
14:00 - 14:59	2	1	2	1	2	2	0
15:00 - 15:59	1	3	2	0	1	3	0
16:00 - 16:59	4	2	2	3	5	3	0
17:00 - 17:59	1	2	1	2	2	1	0
18:00 - 18:59	0	4	1	1	0	3	4
19:00 - 19:59	1	2	2	1	4	3	3
20:00 - 20:59	4	4	3	2	3	3	0
21:00 - 21:59	1	3	5	3	2	7	3
22:00 - 22:59	0	8	4	2	4	7	2
23:00 - 23:59	4	2	0	3	9	10	9
00:00 - 00:59	3	4	5	3	11	24	1
01:00 - 01:59	9	9	7	7	21	24	4
02:00 - 02:59	8	7	1	6	31	30	5
03:00 - 03:59	9	4	6	12	19	24	3
04:00 - 04:59	4	2	5	4	19	21	2
05:00 - 05:59	1	1	1	0	9	12	0
06:00 - 06:59	0	0	1	0	3	2	1
07:00 - 07:59	0	0	1	0	0	0	0
08:00 - 08:59	0	1	0	0	2	0	1
09:00 - 09:59	0	2	0	0	2	0	0
10:00 - 10:59	2	1	0	1	2	1	0
11:00 - 11:59	0	2	3	0	1	0	0




EMAS Assault Pick Ups By Day & Time: Northampton Borough (excluding Leisure Zone)							
Hour/ Day of Assault	Mon/Tues	Tues/Weds	Weds/Thurs	Thurs/Fri	Fri/Sat	Sat/Sun	Sun/Mon
12:00 - 12:59	2	2	0	2	3	1	3
13:00 - 13:59	3	5	2	2	4	6	7
14:00 - 14:59	0	6	3	2	6	4	3
15:00 - 15:59	5	4	4	6	2	8	6
16:00 - 16:59	5	12	9	10	10	8	13
17:00 - 17:59	8	4	10	5	4	8	8
18:00 - 18:59	7	6	6	5	13	9	9
19:00 - 19:59	20	5	6	6	10	13	12
20:00 - 20:59	16	7	12	13	12	14	14
21:00 - 21:59	17	8	17	9	21	14	14
22:00 - 22:59	11	16	8	9	18	14	17
23:00 - 23:59	14	9	12	11	21	23	11
00:00 - 00:59	11	6	14	9	21	28	7
01:00 - 01:59	7	7	4	7	24	21	7
02:00 - 02:59	9	2	2	3	25	27	1
03:00 - 03:59	4	5	3	5	22	24	4
04:00 - 04:59	3	2	0	0	16	18	1
05:00 - 05:59	2	0	2	2	13	8	3
06:00 - 06:59	2	3	1	2	4	10	0
07:00 - 07:59	3	1	3	3	3	10	0
08:00 - 08:59	3	1	2	1	1	5	2
09:00 - 09:59	4	6	4	4	2	3	0
10:00 - 10:59	3	0	4	2	3	5	1
11:00 - 11:59	2	4	1	3	4	1	2

5.2.4 EMAS assaults between 00:00 – 05:59 on Friday/Saturday and Saturday/Sunday within the leisure zone account for 40% of all EMAS assaults within the leisure zone, whereas assaults outside the leisure zone during this period account for 20.2% of EMAS assaults outside the leisure zone.

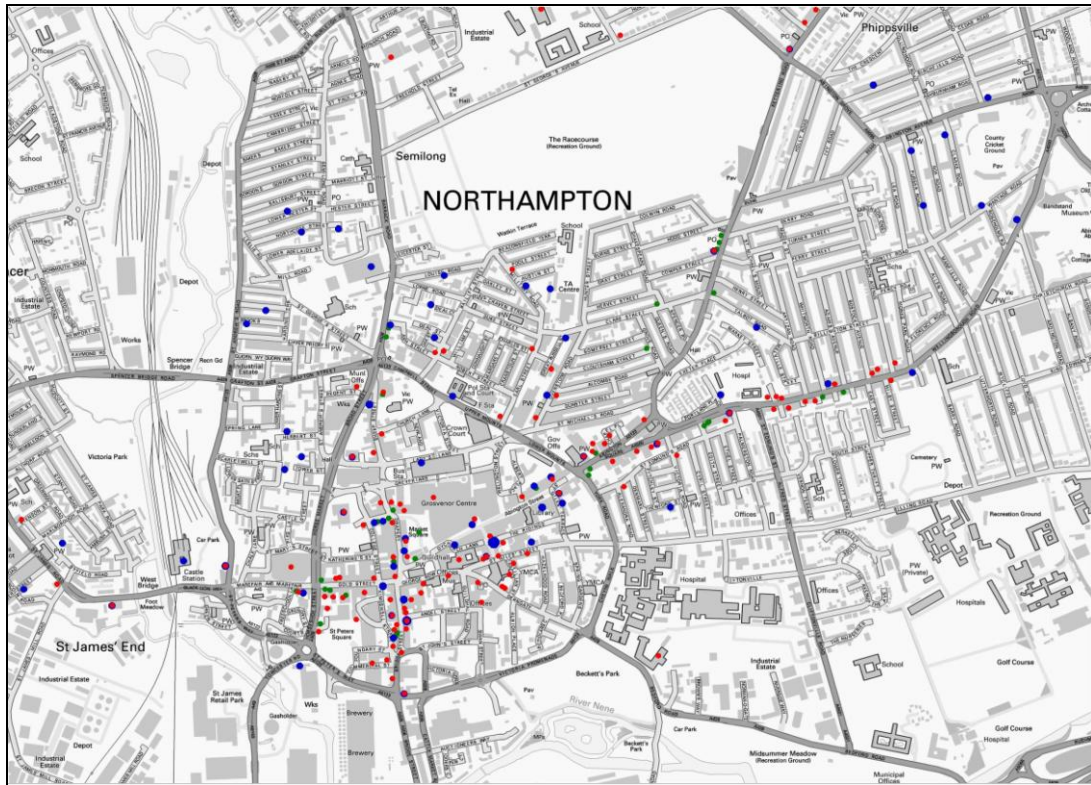
5.2.5 The maps below show the progression of EMAS attendance at assaults between 00.00 and 05.59 in relation to the location of licensed premises and late night refreshment premises. When compared with the locations of licensed premises and food outlets open at each hour, there is a clear correlation as can be seen in the maps below. As the number of premises open reduces, assaults tend to cluster around these premises and routes from premises to food outlets.

14. EMAS assault data shows a peak on the Leisure Zone and rest of the Borough between 00.00-04.59 at weekends.

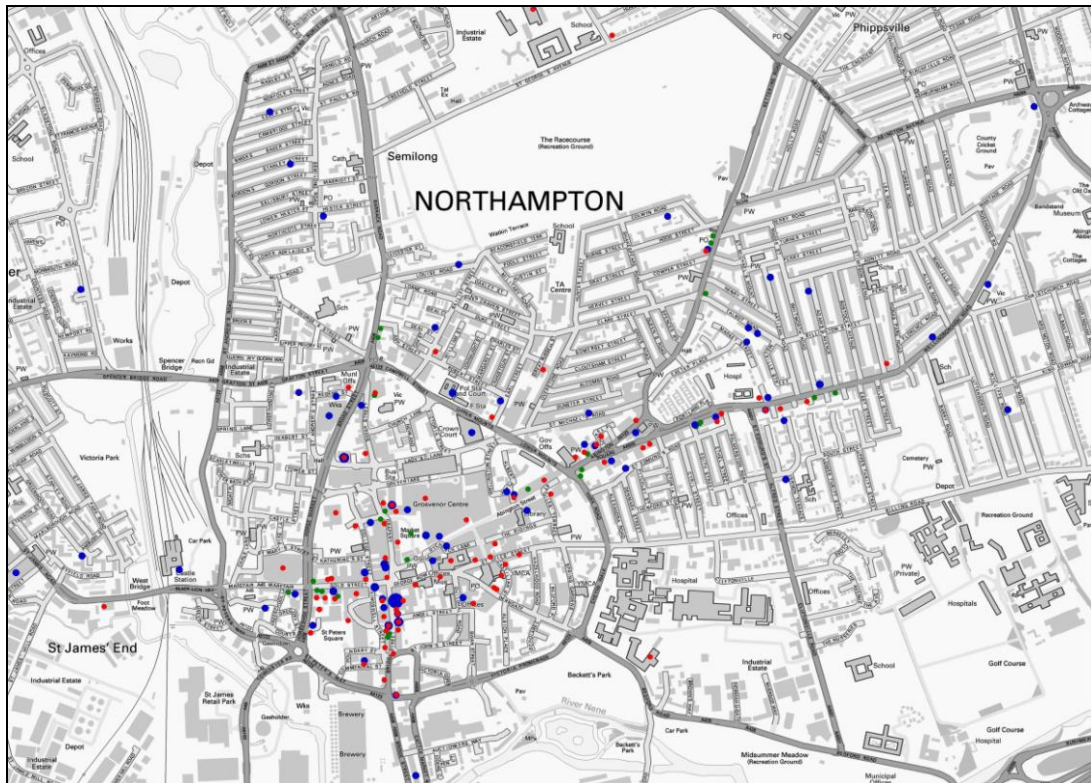
***Please refer to the key below when reading the maps. Multiple pickups in the same location are illustrated by a larger point on the map**

KEY	
Licensed Alcohol Sales Premise	
Late Night Refreshment Premise	
EMAS Assault Pick Up	

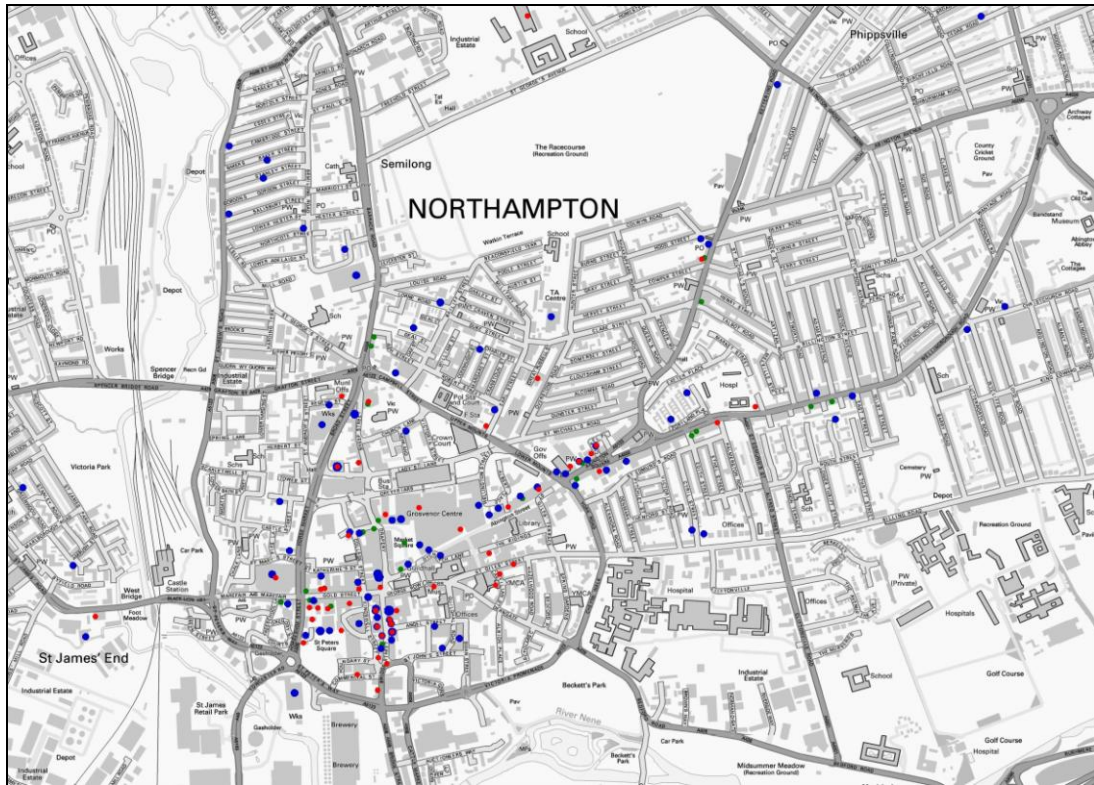
00:00 – 00:59



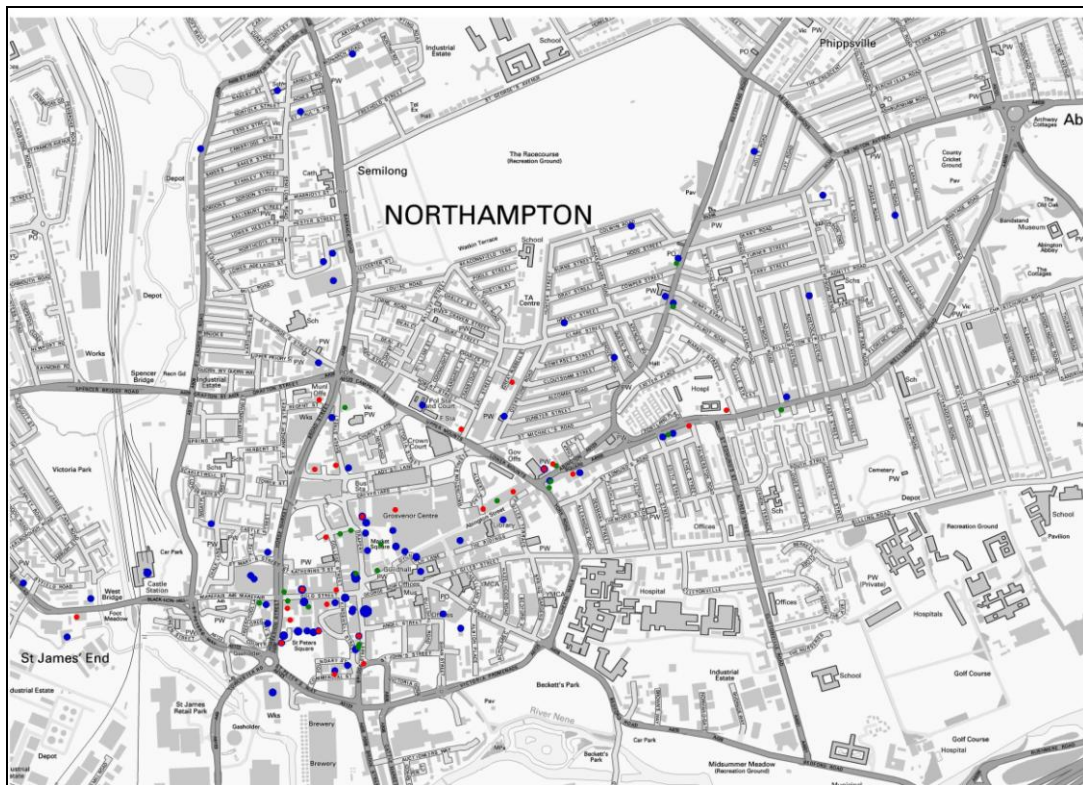
01:00 – 01:59



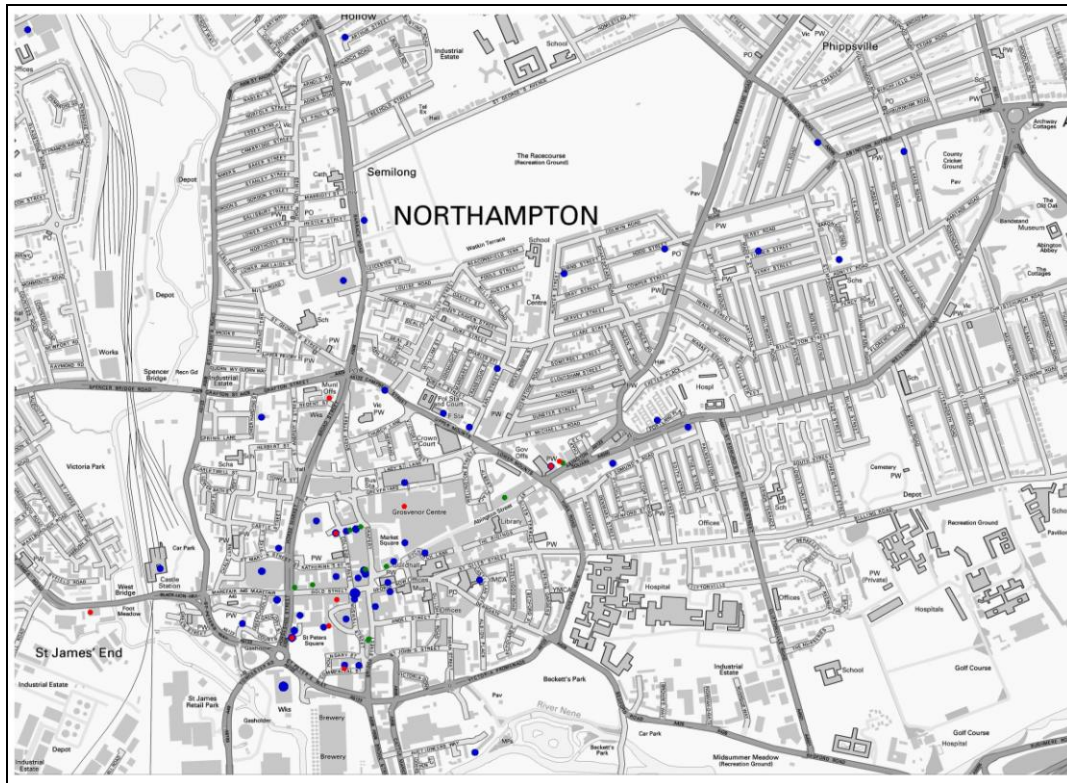
02:00 – 02:59



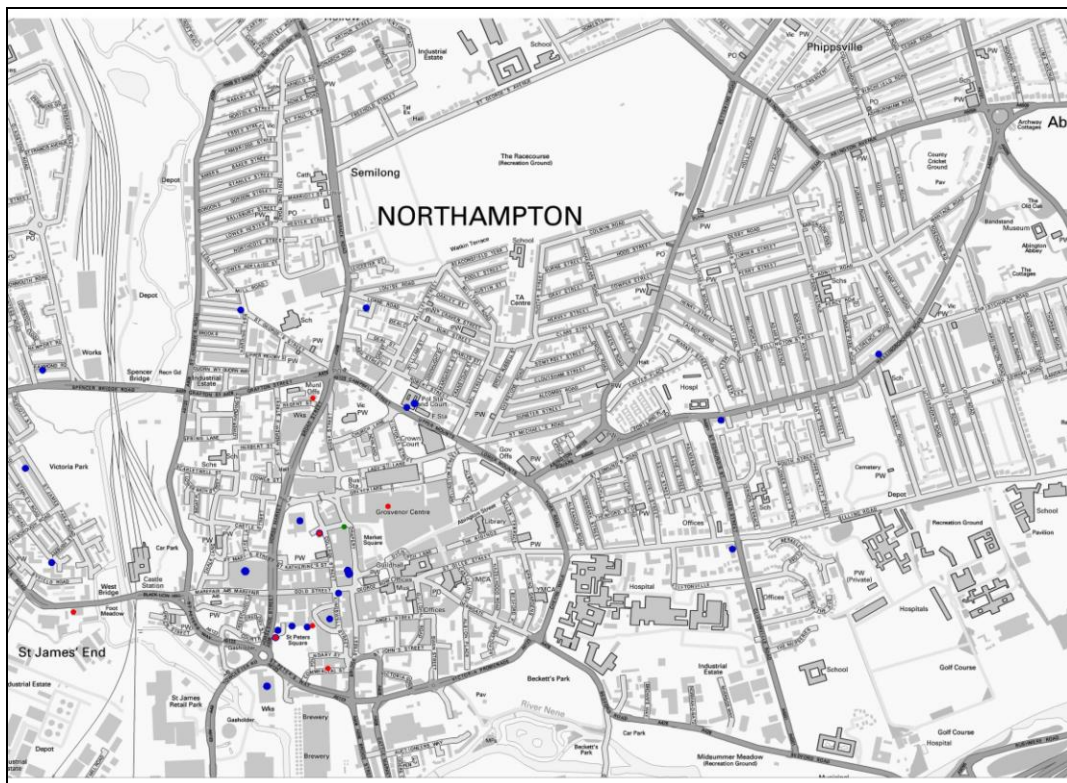
03:00 – 03:59



04:00 – 04:59



05:00 – 05:59



15. Data from health partners directly relating to assaults correspond with police recorded crime. There are significantly more incidents between 00:00 – 06:00 on weekend nights, and a correlation between the location of licensed premises selling alcohol and assaults.

6.1 Incident data

6.1.1 During 2012/13, 61,750 incidents were recorded for the Borough of Northampton. This comprised 21.5% (13274) Anti Social Behaviour (ASB); 24.5% (15115) Crime; 43.2% (26700) Public Safety and Welfare; 10.8% (6661) Transport.

NSIR Closing Theme	2012/13	%	2011/12	%	2010/11	%
PSW	26700	43.2%	27550	42.5%	22839	35.8%
CRIME	15115	24.5%	14944	23.0%	16895	28.1%
ASB	13274	21.5%	14971	23.1%	17907	26.5%
TRANSPORT	6661	10.8%	7388	11.4%	6082	9.5%

6.1.2 11.2% of all incidents during 2012/13 occur during NTE period. This compares with 12.3% in 2010/11. There has been a reduction of 3.1% between 2010/11 and 2012/13 for all incidents, with those occurring during the NTE period reducing by 11.2% but those occurring between 03.00-05.59 have remained unchanged. The table below shows how NTE incidents have changed over the last 3 years.

Year	Total Incidents	Within NTE	%	NTE 03:00-05:59	%
2012/13	61750	6944	11.2	1405	2.3
2011/12	64853	7916	12.2	1479	2.3
2010/11	63723	7822	12.3	1417	2.2

16. Incident volumes occurring during 03.00-05.59 have hardly changed over the last 3 years despite a fall in those occurring during the wider NTE period and overall.

6.1.3 The table below shows that peak times for all incidents are during the day, into the evening, specifically 15:00 – 20:00. Fridays peak extends up to 23:00

2012/13	Monday/ Tuesday	Tuesday / Wednesday	Wednesday / Thursday	Thursday/ Friday	Friday/ Saturday	Saturday/ Sunday	Sunday/ Monday
12:00-12:59	462	467	460	457	462	458	408
13:00-13:59	479	466	502	472	457	485	452
14:00-14:59	480	437	463	503	511	494	406
15:00-15:59	529	596	554	566	564	509	466
16:00-16:59	542	558	608	583	569	490	501
17:00-17:59	627	577	579	616	567	476	424
18:00-18:59	545	565	581	583	611	524	518
19:00-19:59	605	552	589	585	608	509	525
20:00-20:59	538	523	513	534	621	571	492
21:00-21:59	487	421	472	433	567	495	438
22:00-22:59	403	402	402	442	545	509	395
23:00-23:59	355	335	342	368	502	540	357
00:00-00:59	279	258	253	292	405	487	260
01:00-01:59	214	203	198	214	362	440	182
02:00-02:59	140	116	145	159	322	365	149
03:00-03:59	135	109	116	145	303	293	113
04:00-04:59	103	77	102	104	203	240	68
05:00-05:59	75	77	58	74	160	206	62
06:00-06:59	83	78	92	85	130	154	85
07:00-07:59	139	133	155	137	148	135	157
08:00-08:59	269	292	226	264	232	176	275
09:00-09:59	380	335	322	320	319	242	353
10:00-10:59	396	388	388	384	359	318	388
11:00-11:59	446	437	416	409	403	377	475

6.1.4 The Leisure Zone, contributes 15.9% of all incidents recorded; however, geographically it only represents 1.7% of the total area of Northampton Borough.

6.1.5 Temporal analysis for incidents on the Leisure Zone, indicates high volumes during daytime, predominantly between 12:00-18:00 Monday-Friday, and during the Night-time Economy, predominantly Saturday into Sunday between reducing after 05:00.

2012/13	Monday/ Tuesday	Tuesday / Wednesday	Wednesday / Thursday	Thursday/ Friday	Friday/ Saturday	Saturday/ Sunday	Sunday/ Monday
12:00-12:59	78	81	89	84	80	78	61
13:00-13:59	73	79	91	96	89	97	61
14:00-14:59	74	90	77	89	98	85	64
15:00-15:59	87	95	103	101	69	95	54
16:00-16:59	89	95	84	99	94	69	82
17:00-17:59	83	78	101	100	102	73	55
18:00-18:59	81	69	65	80	78	74	67
19:00-19:59	64	63	70	71	81	90	52
20:00-20:59	70	67	66	57	88	74	56
21:00-21:59	69	44	57	52	71	64	53
22:00-22:59	56	58	57	58	63	61	47
23:00-23:59	49	50	63	57	76	67	55
00:00-00:59	44	42	40	62	64	88	43
01:00-01:59	38	48	44	55	73	104	36
02:00-02:59	32	27	37	63	82	95	35
03:00-03:59	39	35	35	47	86	96	22
04:00-04:59	22	20	25	28	48	87	15
05:00-05:59	14	16	15	15	58	64	10
06:00-06:59	13	4	9	17	28	50	22
07:00-07:59	14	17	16	15	20	19	10
08:00-08:59	28	37	21	33	29	29	24
09:00-09:59	61	37	42	52	56	43	43
10:00-10:59	60	61	57	60	52	34	58
11:00-11:59	64	66	70	73	60	48	77

6.1.6 Anti social behaviour accounts for 21.5% of all incidents for the Borough, and 23.1% of all incidents on the leisure Zone. ASB has decreased over the last 3 years, However, it has increased within the LZ.

6.1.7 13.8% of Borough and 18% of Leisure zone ASB takes place during the NTE period.

6.1.8 Peak times for LZ ASB are Monday-Sunday, 12:00-18:00, there is also a clear block of activity on Saturday and Sunday between 00:00 and 04:59.

17. ASB is increasing on the Leisure Zone in general, and nearly a fifth takes place during the NTE period with levels remaining high until 04.59 at weekends.

6.1.9 When comparing Incident data on Northampton Borough compared to the LZ, "Rowdy or Inconsiderate Behaviour" has a much higher impact on the LZ, accounting for 19.3% of all incidents recorded (on LZ) compared to 9.3% of recorded incidents across the Borough

Incident types in Northampton Borough and the LZ (2012/13)

Northampton Borough		
NSIR Closing Theme	Count	%
Concern For Safety	9480	14.5%
Rowdy or Inconsiderate	8934	9.3%
Suspicious Circs	8143	8.9%
Domestic Incident	3763	8.1%
Abandoned Call	3629	4.3%
Road Inc	2764	2.8%
VAP	2449	2.4%
Theft	2344	1.6%

LZ		
NSIR Closing Theme	Count	%
Rowdy or Inconsiderate	1898	19.3%
Concern For Safety	1797	18.3%
Suspicious Circs	1145	11.7%
Theft	731	7.5%
VAP	583	5.9%
Abandoned Call	483	4.9%
Road Inc	365	3.7%
Domestic	310	3.2%

7 Northampton Borough Council CCTV Control Room Incidents

- 7.1 Incidents were analysed by time and day of recording in line with other data analysed. As shown, of those incident attributed to the town centre/ leisure zone, there is high volume between 22:00 – 04:59 on Friday/Saturday and Saturday/Sunday, with significantly greater volume between the hours of 00:00 – 03:59 on Friday/ Saturday and 23:00 – 03:59 Saturday/Sunday.
- 7.2 Incident data recorded on cameras outside the leisure zone/ town centre show significantly greater volumes between 01:00 – 03:59 on Friday/Saturday and 01:00 – 04:59 on Saturday/Sunday. However, this trend is less significant than that of the leisure zone, and incidents are more evenly distributed throughout the week, showing a higher proportion of volume in the early evening than the leisure zone/town centre data does.
- 7.3 There were 164.7% (n = 2283) more incidents between 00:00 – 05:59 in the town centre/ leisure zone compare to outside this camera zone. Between 03:00 – 05:59 there were 96.9% (n = 625) more incidents between 03:00 – 05:59 in the town centre/ leisure zone compare to outside this camera zone.

18. CCTV incidents show a peak until 04.59 at weekends in line with the peaks seen in crime, violence, incidents, EMAS and A&E data.

NBC CCTV Public Order Incident Logs By Day & Time: Leisure Zone/ Town Centre Cameras Only							
Hour/ Day of Assault	Mon/Tues	Tues/Weds	Weds/Thurs	Thurs/Fri	Fri/Sat	Sat/Sun	Sun/Mon
12:00 - 12:59	35	34	36	30	27	27	9
13:00 - 13:59	25	29	27	20	36	41	22
14:00 - 14:59	38	22	36	24	30	43	20
15:00 - 15:59	32	30	30	31	31	44	16
16:00 - 16:59	34	36	36	30	37	45	17
17:00 - 17:59	37	24	26	30	39	46	16
18:00 - 18:59	26	19	23	28	30	32	13
19:00 - 19:59	30	32	22	20	43	45	20
20:00 - 20:59	28	19	30	42	37	44	18
21:00 - 21:59	26	14	32	20	51	74	31
22:00 - 22:59	16	22	25	33	101	129	22
23:00 - 23:59	30	18	28	42	137	195	34
00:00 - 00:59	37	37	49	65	183	268	46
01:00 - 01:59	44	55	44	78	239	344	37
02:00 - 02:59	47	58	48	102	263	313	42
03:00 - 03:59	56	81	48	106	178	287	29
04:00 - 04:59	21	14	25	32	115	131	15
05:00 - 05:59	8	3	12	9	42	50	8
06:00 - 06:59	1	5	3	1	12	23	3
07:00 - 07:59	4	4	3	4	8	5	5
08:00 - 08:59	10	7	6	12	13	10	3
09:00 - 09:59	24	8	21	24	14	4	16
10:00 - 10:59	15	28	22	19	16	3	19
11:00 - 11:59	31	27	26	20	11	7	19

NBC CCTV Public Order Incident Logs By Day & Time: Excluding Leisure Zone/ Town Centre Cameras							
Hour/ Day of Assault	Mon/Tues	Tues/Weds	Weds/Thurs	Thurs/Fri	Fri/Sat	Sat/Sun	Sun/Mon
12:00 - 12:59	10	17	14	13	14	10	15
13:00 - 13:59	21	21	21	17	17	19	9
14:00 - 14:59	33	20	17	17	19	31	31
15:00 - 15:59	24	21	20	21	36	44	33
16:00 - 16:59	28	23	26	30	27	47	21
17:00 - 17:59	27	27	33	24	23	43	22
18:00 - 18:59	34	28	23	25	35	25	21
19:00 - 19:59	49	40	47	34	36	37	25
20:00 - 20:59	40	43	50	53	41	54	31
21:00 - 21:59	29	30	30	22	49	37	18
22:00 - 22:59	29	26	29	30	46	55	22
23:00 - 23:59	12	19	24	21	44	51	15
00:00 - 00:59	17	33	23	25	49	58	21
01:00 - 01:59	13	36	22	18	74	73	12
02:00 - 02:59	14	29	19	23	64	103	15
03:00 - 03:59	22	22	20	27	85	109	18
04:00 - 04:59	13	10	14	15	58	96	11
05:00 - 05:59	15	6	11	9	34	45	5
06:00 - 06:59	2	4	3	2	26	15	3
07:00 - 07:59	5	5	2	2	6	10	3
08:00 - 08:59	7	4	4	11	6	5	3
09:00 - 09:59	8	5	7	6	10	6	4
10:00 - 10:59	13	11	5	12	10	6	10
11:00 - 11:59	13	13	9	14	4	12	10

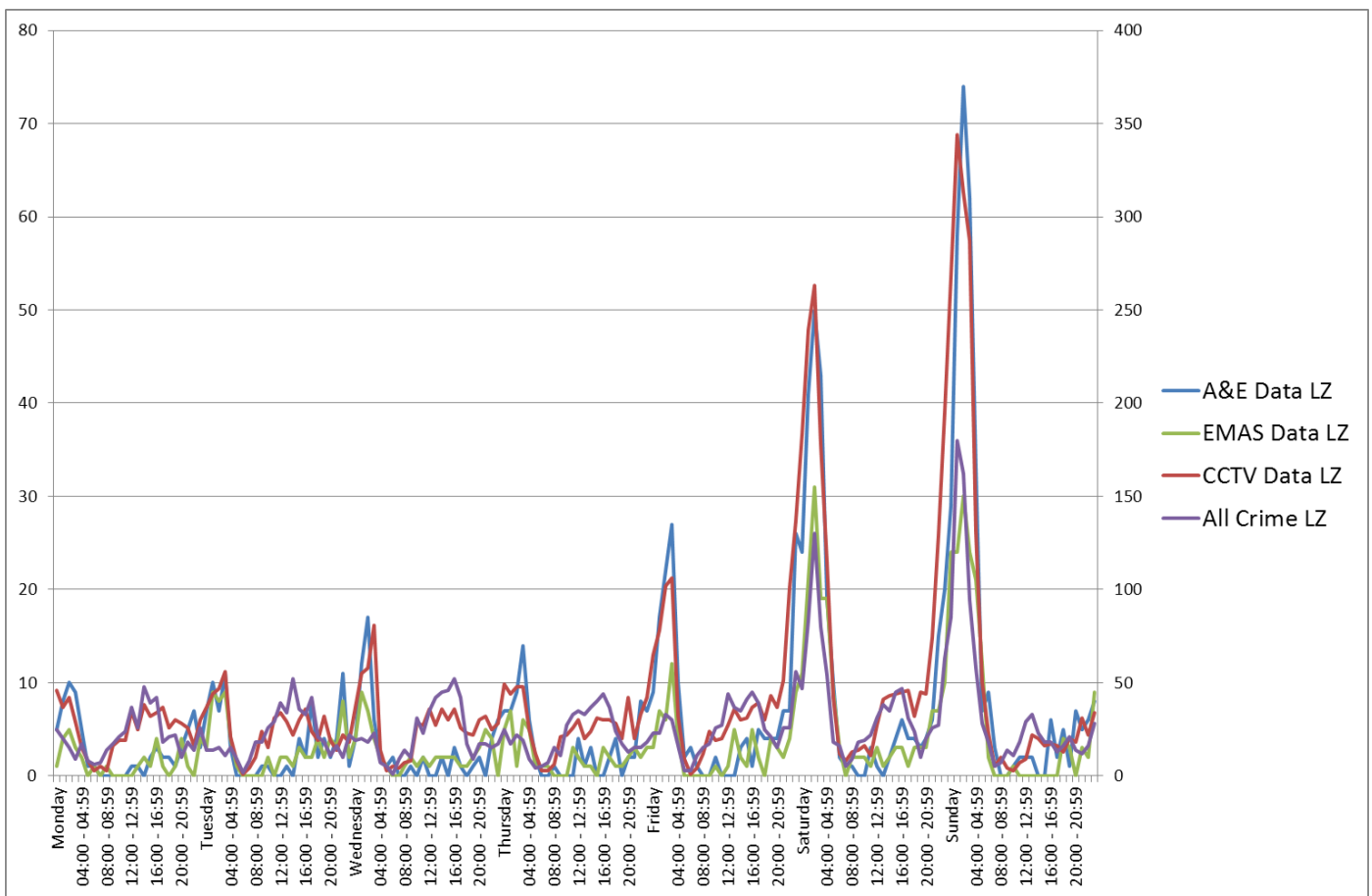
*(List of CCTV Camera Zones excluding Leisure Zone & Town Centre: Bellinge, Blackthorn, Brackmills, Briar Hill, Duston, Goldings, Kings Heath, Kingsley Park Terrace, Kingsthorpe Shopping Centre, Lings, Mereway, NBC Car Parks, NBC Sites, Rectory Farm, Retail/ Business Parks, Sixfields, Southfields, Spring Boroughs, St James, Thorplands, UTC)

8 Protecting children from harm

- 8.1 Analysis of crime and incident data for under 18s has shown no issues or concerns with this age group. Only 5.1% of victims are aged 17 or under for the entire Borough, falling to 3.7% for the Leisure Zone and 0.6% on the Leisure Zone during NTE hours. The licensing objective of protecting children from harm is being achieved through existing practices by all parties.

9 Combined analysis

- 9.1 When all the data sets are brought together, a very interesting picture emerges. Police recorded crime, CCTV data, EMAS pick ups and A&E admissions all experience increases at similar times. There is a distinctive peak on the Leisure Zone for all the data at weekends, particularly between 21.00 and 05.59 Friday/Saturday and Saturday/Sunday. The period 03.00-05.59 although not large volume, is still notable. The chart below shows all data combined across the profile of a week.



- 9.2 It is clear from all of the data, that the NTE period as a whole, but particularly post 03.00 is a growing concern for crime, incidents, ambulance pick ups and A&E admissions. Where comparable data exists, this period of a weekend was not previously an issue, but since the licensing laws changed has become more of a concern.

19. All agency data shows a peak at weekends 00.00-04.49 with some data extending to 05.59 at weekends

10 Key Findings

10.1 Is an EMRO appropriate?

10.1.1 Violence is reducing at a slower rate than All crime and accounts for a higher proportion of all crime in recent years than it did in 2004/5.

10.1.2 The NTE period accounts for a high proportion of alcohol flagged violence both for the wider Borough and particularly for the LZ area.

10.1.3 All agency data relating to crime and disorder shows a peak at weekends 00.00-04.49 with some data showing peaks extending to 05.59.

10.1.4 ASB is increasing on the Leisure Zone in general, and nearly a fifth takes place during the NTE period with levels remaining high until 04.59 at weekends

10.1.5 CCTV incidents show a peak until 04.59 at weekends in line with the peaks seen in crime, violence, incidents, EMAS and A&E data.

10.2 Where is it appropriate?

10.2.1 The leisure zone area, and the NTE period specifically account for a disproportionate amount of crime within Northampton Borough.

10.2.2 Crime on the leisure zone has fallen at a slower rate when compared with the rest of Northampton.

10.2.3 Where alcohol has been identified as a factor for the offender, the majority are violence against the person, and a large proportion occurs within the Leisure Zone and NTE period.

10.2.4 Within the leisure zone, there is clear a correlation between the location of licensed premises selling alcohol at a specific time of night and assaults recorded by police and ambulance services at that time. This correlation is not evident across the rest of the borough so crimes cannot be attributed to alcohol licensing for the whole borough.

10.2.5 There is a concentration of violence after 02.00 within a specific area of the leisure Zone, in close proximity to open licensed premises, and a disproportionate amount of violence 03.00-05.59 in the same area.

10.2.6 Data from health partners directly relating to assaults correspond with police recorded crime. Showing significantly more incidents between 00:00 – 04:59 on weekend nights in the leisure zone than any other time of the week. The peak is outside of the leisure zone tends to be earlier than this, with volume reducing around 02:59 - 03:59.

10.3 What time is appropriate?

10.3.1 Violent crime in Northampton peaks between 01:00 – 03:00, although the peak has extended later into the night since 2004-05.

10.3.2 Crime occurring on the leisure zone between 03.00-05.59 Saturday and Sunday mornings is increasing in volume and proportion terms. The public are subject to more crime and disorder during this time than they have in the past, thus not meeting the licensing objective of protecting people from crime and disorder.

- 10.3.3 Violence on the Leisure Zone between 03.00-05.59 has increased by 107% between 2004/5 and 2012/13. There has been a 26% increase in violence between 02:00 – 05:59 in the leisure zone when comparing the same periods.
- 10.3.4 The increase in violent crime between 03:00 – 06:00 on Saturday and Sundays only is 91%, slightly less than the overall week.
- 10.3.5 Incident volumes occurring during 03.00-05.59 have hardly changed over the last 3 years despite a fall in those occurring during the wider NTE period and overall
- 10.3.6 When comparing 2004-5 and 2012-13, every day of the week has had an increase in violent crime in the leisure zone between 03:00 – 06:00, excluding Thursdays, which had 1 less crime.
- 10.3.7 Data from health partners directly relating to assaults correspond with police recorded crime. Showing significantly more incidents between 00:00 – 04:59 on weekend nights in the leisure zone than any other time of the week. The peak is outside of the leisure zone tends to be earlier than this, with volume reducing around 02:59 - 03:59.
- 10.3.8 Given the high concentration of crime and incidents within the Leisure Zone, the fact that crime and incident patterns and trends have not mirrored what has happened elsewhere on Northampton Borough, and that the NTE period and specifically after 03.00 is growing, it is important for all agencies to target this area and time period to ensure the licensing objectives are met.
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