



# WEST YORKSHIRE POLICE

## Analysis of Leeds City Centre high volume night-time economy related crime

PRODUCED BY LEEDS DISTRICT ANALYTICAL UNIT			
<b>Author</b>	723854 Jennings	<b>Contact Details</b>	0113 3951504
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<b>Authorising Officer</b>	Neil Brannigan		
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# 1. Introduction

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This report aims to highlight the current crime cluster areas during the night-time economy (6pm – 6am) and also to define whether the levels within those have increased or decreased over the last 24 months.

The crimes considered for this report include:

- Thefts from person
- Thefts non specific
- Robbery
- Assault (including Affray)
- Murder/Manslaughter
- Drunk & Disorderly
- Public Order

## Section 2 -

Statistical data in section two from the period between 2008 and 2012 was taken from the previous report and updated to include both 2013 statistics and 2014. The period 2014 is inclusive of 01/01/14 – 31/08/14.

Within section two it is the change from 2012 to 2013 which is calculated, this is for consistency with previous reports.

A table splitting daytime and night-time economy was included to demonstrate whether specific offence types are an issue during a certain period of the day.

## Section 3 -

Section three looks specifically at the night-time economy (6pm – 6am). It highlights whether there is a specific offence type issue and whether that issue is more prominent on commercial premises or on the street. It also looks at the top streets and whether they have changed in previous years.

## Section 4 –

Section four looks specifically at crime (those focused on in this report) during the night-time economy. The GIS (Graphical Information System) maps from previous years have remained and maps for 2013 and 2014 have been included. The ‘hotspotting’ method used in the current years is the same as that used previously.

## Section 5 –

Further to previous and due to the timing of this report, a section focusing on the previous 24 months has been included (01/09/12 – 31/08/14). A comparison between the two twelve month periods is introduced here and carried throughout the remainder of the report.

## Section 6 –

Section six details the small clusters in relation to Robbery, Assault, Theft From Person and Theft Non-Specific. It also breaks down the figures between 2012/13 and 2013/14 and whether the offences occurred on commercial premises or on the street.

## Section 7 –

Section seven details the main points concluded from within the data of the report.

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## 2. Annual Statistical Results – 24 hour economy

Figure 1. Offence Type (24 hours)

Occurrence Type	2008	2009	2010	2011	2012	2013	Incompl. 2014	Change 2012/2013
THEFT NON SPECIFIC	2020	1594	1885	1988	2267	2327	1189	60
THEFT FROM PERSON	839	1078	1435	1820	2077	2044	1029	-33
ASSAULT	1126	1239	1298	1133	966	882	487	-84
DRUNK AND DISORDERLY	560	562	649	639	670	578	199	-92
PUBLIC ORDER	235	269	279	223	184	170	95	-14
ROBBERY	116	164	105	108	98	118	47	20
AFFRAY	60	61	118	73	46	49	12	3
MURDER/MANSLAUGHTER	3	2	1	1	1	0	2	-1
<b>Total</b>	<b>4959</b>	<b>4969</b>	<b>5770</b>	<b>5985</b>	<b>6309</b>	<b>6168</b>	<b>3060</b>	<b>-141</b>

Figure 2. Licensed Premises Flag Only

Occurrence Type	2008	2009	2010	2011	2012	2013	Incompl. 2014	Change 2012/2013
THEFT FROM PERSON	222	446	778	962	1133	976	368	-157
THEFT NON SPECIFIC	644	580	748	728	832	721	355	-111
ASSAULT	280	253	242	240	153	138	73	-15
DRUNK AND DISORDERLY	29	28	19	22	23	17	4	-6
PUBLIC ORDER	16	25	15	11	5	7	1	2
AFFRAY	9	6	16	9	6	3	3	-3
ROBBERY	3	6	7	3	2	0	0	-2
MURDER/MANSLAUGHTER	0	1	0	0	0	0	0	0
<b>Total</b>	<b>1203</b>	<b>1345</b>	<b>1825</b>	<b>1975</b>	<b>2154</b>	<b>1862</b>	<b>804</b>	<b>-292</b>

Figure 3. Alcohol Flag Only

Occurrence Type	2008	2009	2010	2011	2012	2013	Incompl. 2014	Change 2012/2013
ASSAULT	632	814	848	573	348	261	132	-87
DRUNK AND DISORDERLY	547	557	646	528	484	436	155	-48
THEFT FROM PERSON	80	109	194	137	110	82	32	-28
THEFT NON SPECIFIC	92	120	140	97	69	51	25	-18
PUBLIC ORDER	99	114	118	61	60	57	14	-3
AFFRAY	40	44	87	45	26	23	6	-3
ROBBERY	30	48	29	15	10	8	9	-2
MURDER/MANSLAUGHTER	1	2		1	1		1	-1
<b>Grand Total</b>	<b>1521</b>	<b>1808</b>	<b>2062</b>	<b>1457</b>	<b>1108</b>	<b>918</b>	<b>374</b>	<b>-190</b>

Figure 4. Offence Type by economy type

Occurrence Type	Day				Night			
	2012	2013	Incomp l. 2014	Change 2012/2013	2012	2013	Incompl. 2014	Change 2012/2013
THEFT FROM PERSON	559	660	468	101	1518	1384	561	-134
THEFT NON SPECIFIC	1027	1096	622	69	1240	1231	567	-9
ASSAULT	238	219	95	-19	728	663	392	-65
DRUNK AND DISORDERLY	84	70	14	-14	586	508	185	-78
PUBLIC ORDER	73	79	58	6	111	91	37	-20
ROBBERY	31	35	16	4	67	83	31	16
AFFRAY	8	7		-1	38	42	12	4
MURDER/MANSLAUGHTER	0		1	0	1		1	-1
<b>Total</b>	<b>2020</b>	<b>2166</b>	<b>1274</b>	<b>146</b>	<b>4289</b>	<b>4002</b>	<b>1786</b>	<b>-287</b>

### 3. Statistical Results – Night-time economy 6pm – 5:59am

From here-on this report looks purely at the night-time economy (6pm – 5:59am).

The 'Off Street' category includes the offences which have occurred within commercial premises and the 'On Street' category look at those which have occurred on the street or on public highways.

Figure 5. Top offence type by location type

Occurrence Type	Off Street				On Street			
	2012	2013	Incompl. 2014	Change 2012/2013	2012	2013	Incompl. 2014	Change 2012/2013
THEFT FROM PERSON	1334	1157	459	● -177	184	227	102	● 43
THEFT NON SPECIFIC	1116	1072	497	● -44	124	159	70	● 35
ASSAULT	468	425	237	● -43	260	238	155	● -22
DRUNK AND DISORDERLY	259	205	73	● -54	327	303	112	● -24
PUBLIC ORDER	64	48	17	● -16	47	43	20	● -4
ROBBERY	32	22	9	● -10	35	61	22	● 26
AFFRAY	17	20	7	● 3	21	22	5	● 1
MURDER/MANSLAUGHTER	0	0	1	● 0	1	0	0	● -1
<b>Grand Total</b>	<b>3290</b>	<b>2949</b>	<b>1300</b>	<b>● -341</b>	<b>999</b>	<b>1053</b>	<b>486</b>	<b>● 54</b>

The top ten streets for each year are shown in the table below. Where they are highlighted in red, they are the top three streets. Hirsts Yard, Duncan Street has never before been a top ten street, however recent figures have brought it within that category.

Figure 6. Top Streets per year

Street Name	2008	2009	2010	2011	2012	2013	Incompl. 2014
CALL LANE	228	257	409	538	705	778	331
BRIGGATE	338	335	370	430	581	679	348
ALBION STREET	264	232	310	537	453	566	305
WOODHOUSE LANE	263	296	419	408	365	322	134
THE HEADROW	359	364	327	307	316	369	179
COOKRIDGE STREET	113	171	182	324	247	134	42
NEW BRIGGATE	127	231	310	153	201	81	33
BOAR LANE	294	198	216	164	128	172	99
KIRKGATE	245	233	177	151	153	126	71
GREAT GEORGE STREET	190	180	146	140	155	136	82
NEW YORK STREET	123	95	118	104	83	64	37
HIRSTS YARD, DUNCAN ST	-	-	-	-	-	158	85

Key
Top 3 Streets per year
Top 10 Streets per year
Not in Top 10 Streets per year

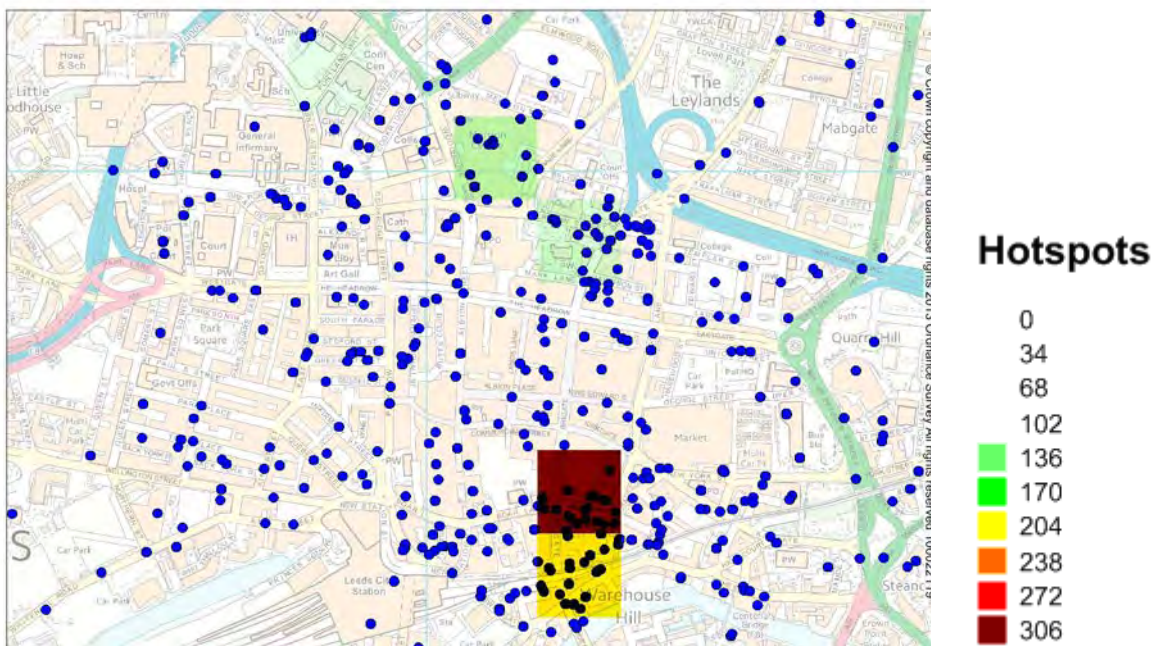
## 4. Night-time economy GIS spread per year

GIS maps for each year demonstrate the spread of offences. Those offences include the previously mentioned Theft, Assault, Drunk and Disorderly, Public Order, Affray, Robbery and Murder/Manslaughter.

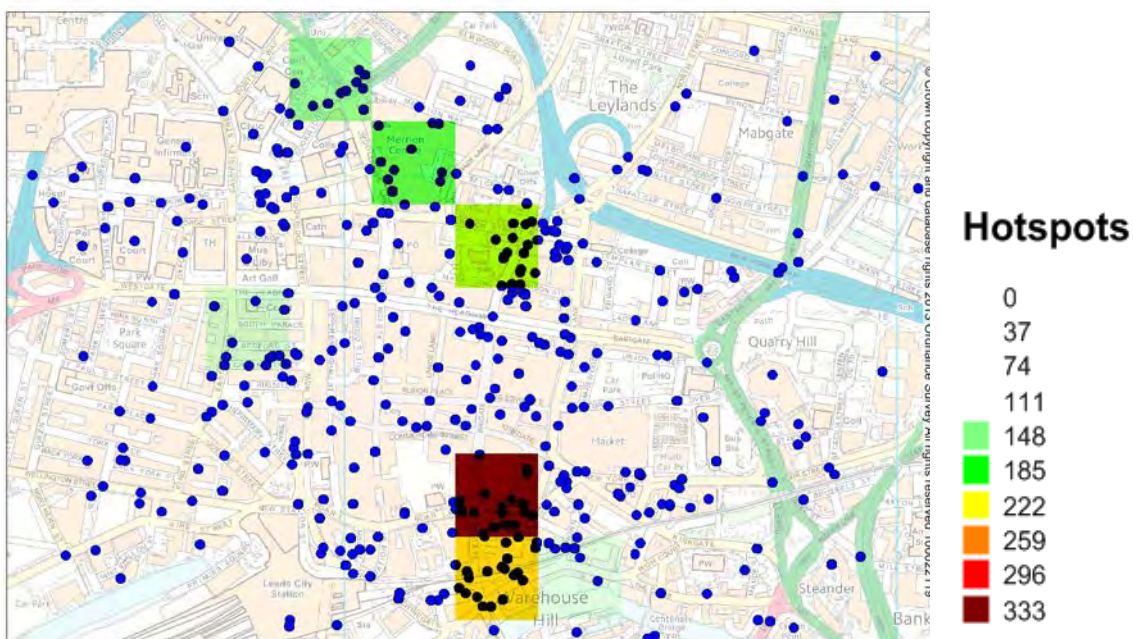
The 'hotspot' analysis demonstrates those areas where there is a cluster of offending in relation to the rest of the Leeds areas. Grid size for analysis is 100 metres.

The previous maps provided remain the same from previous reports, however the maps for 2013 and 2014 are new and presentation differs slightly for improved clarity. The same analysis methodology has been applied to the new maps as those previously to keep analysis consistent.

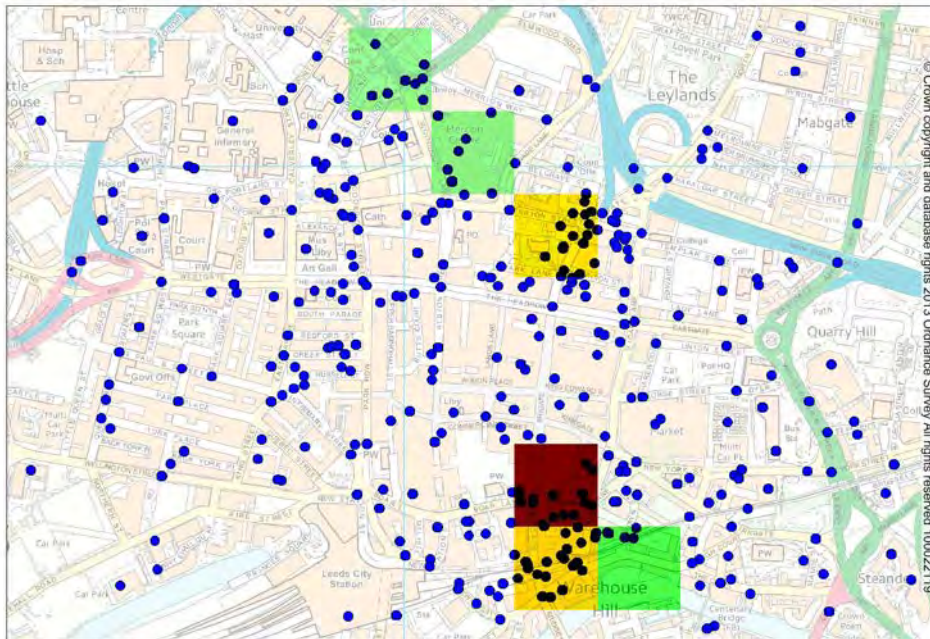
Map 1 – 2008



Map 2 – 2009



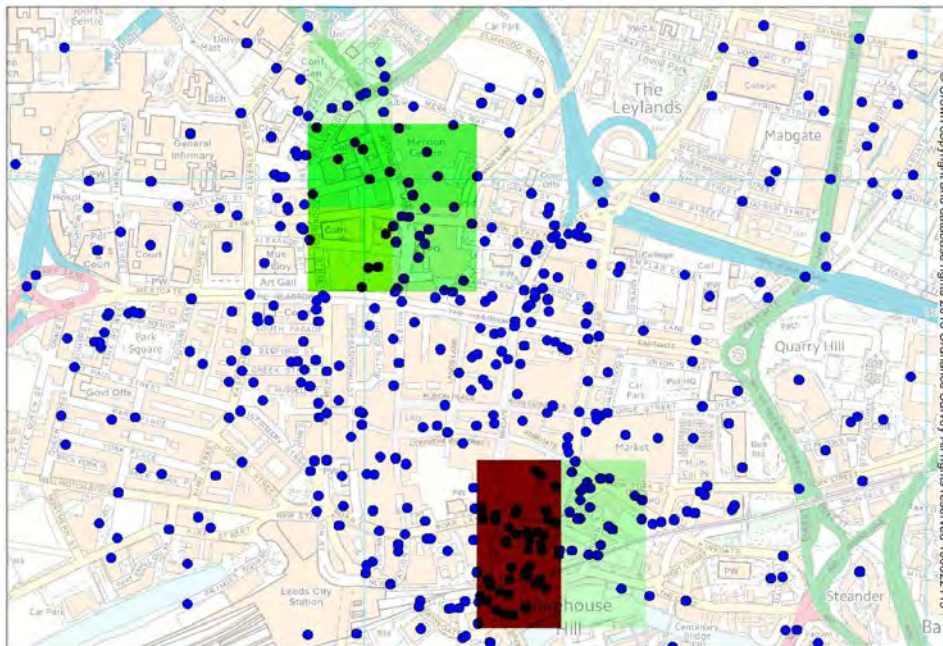
Map 3 – 2010



**Hotspots**

- 0
- 51
- 102
- 154
- 205
- 256
- 307
- 358
- 410
- 461

Map 4 – 2011



**Hotspots**

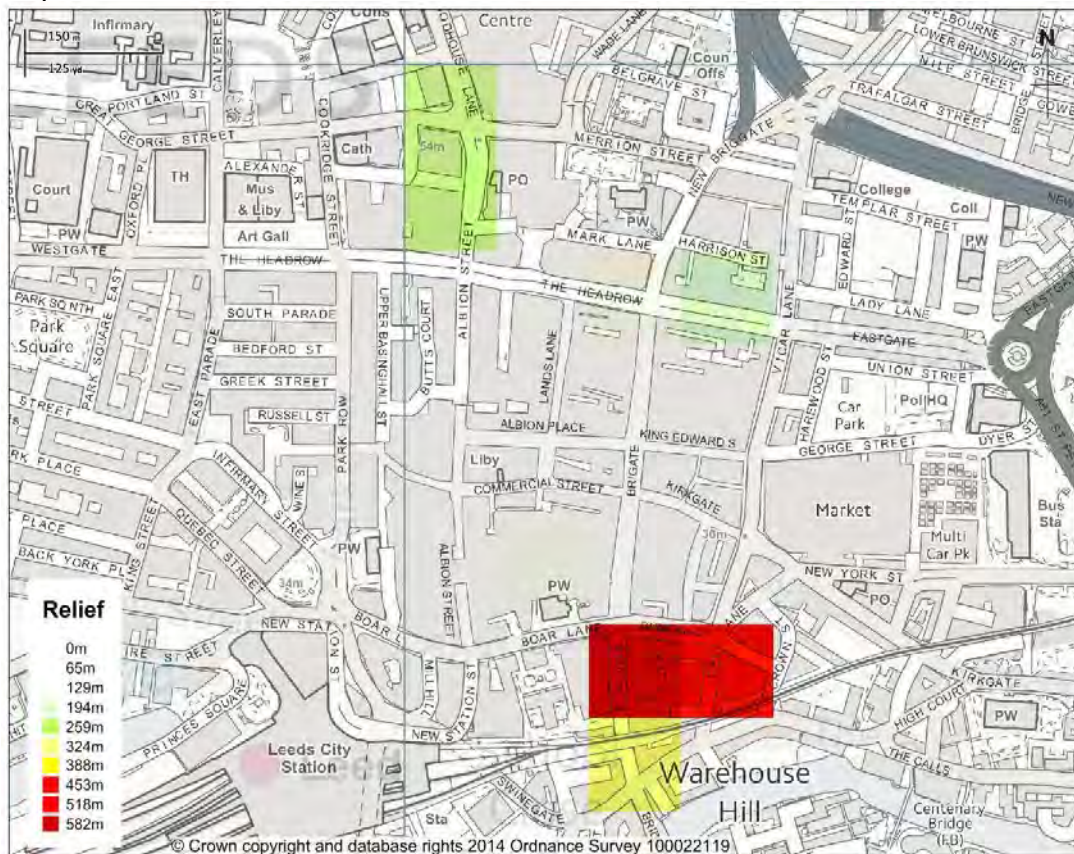
- 0
- 48
- 97
- 145
- 193
- 242
- 290
- 338
- 386
- 435

Map 5 – 2012



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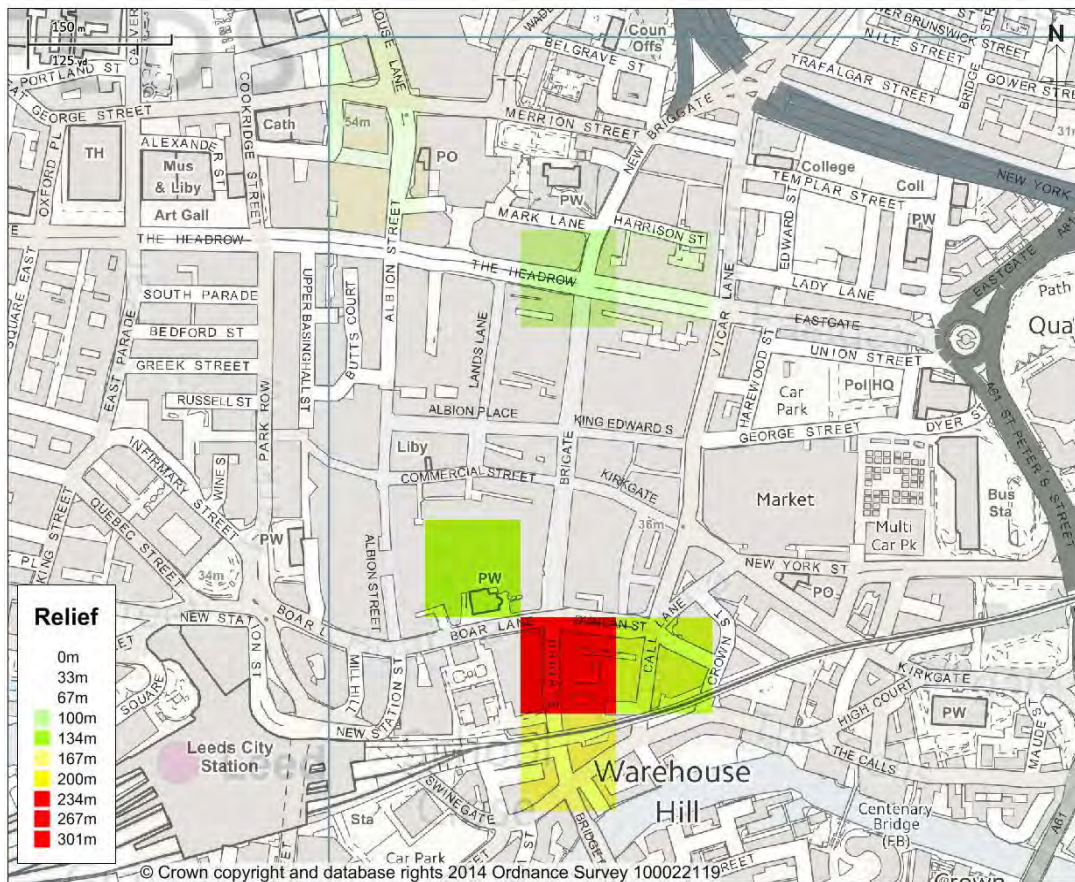
Map 6 – 2013



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Map 7 – 2014 (incomplete 1<sup>st</sup> January – 31<sup>st</sup> August)



## 5. Comparison 2012/13 and 2013/14

For a contemporary view of current cluster analysis, and due to 2014 being an incomplete year thus far, this section looks at a comparison of like periods September 2012 – August 2013 and September 2013 – August 2014.

This section looks at night-time economy only.

Occurrence Type	2012-2013	2013-2014	Change
THEFT FROM PERSON	1532	1086	● -446
THEFT NON SPECIFIC	1274	1028	● -246
ASSAULT	709	642	● -67
DRUNK AND DISORDERLY	587	339	● -248
ROBBERY	61	66	● 5
PUBLIC ORDER	112	65	● -47
AFFRAY	41	24	● -17
MURDER/MANSLAUGHTER	2	1	● -1
<b>Grand Total</b>	<b>4318</b>	<b>3251</b>	<b>● -1067</b>

The table below demonstrates the monthly figures for each crime type and is also coloured by those months which have had higher or lower than average figures, red being higher and green being lower.

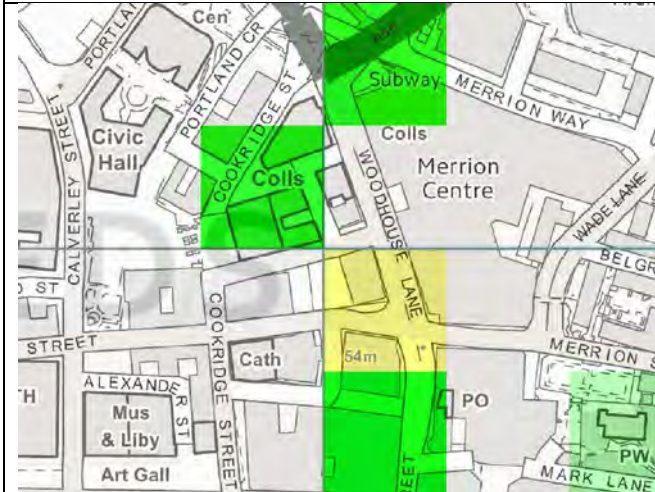
Offence Type	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
<b>AFFRAY</b>												
2012-13	1	3	1	6	1	4	4	2	7	1	5	6
2013-14	3	4	4	1	2	3	0	2	2	1	1	1
<b>ASSAULT</b>												
2012-13	74	58	76	88	46	50	65	53	38	51	46	64
2013-14	53	61	68	68	43	47	69	41	62	44	27	59
<b>DRUNK AND DISORDERLY</b>												
2012-13	47	59	55	72	44	37	57	47	51	40	28	50
2013-14	31	39	34	50	38	32	26	26	20	19	9	15
<b>PUBLIC ORDER</b>												
2012-13	8	11	19	11	15	8	7	4	5	6	9	9
2013-14	10	4	8	6	10	4	9	2	2	8	1	1
<b>ROBBERY</b>												
2012-13	3	4	2	4	13	4	2	0	8	2	14	5
2013-14	19	6	6	4	2	1	11	3	3	2	4	5
<b>THEFT FROM PERSON</b>												
2012-13	171	188	156	158	128	115	100	154	122	79	71	90
2013-14	158	125	132	110	82	105	113	61	68	56	26	50
<b>THEFT NON SPECIFIC</b>												
2012-13	115	126	130	133	83	114	100	101	104	69	75	124
2013-14	92	121	129	119	77	94	105	64	71	51	46	59
<b>MURDER/MANSLAUGHTER</b>												
2012-13				2								
2013-14									1			
<b>Grand Total</b>	<b>785</b>	<b>809</b>	<b>820</b>	<b>832</b>	<b>584</b>	<b>618</b>	<b>668</b>	<b>560</b>	<b>564</b>	<b>429</b>	<b>362</b>	<b>538</b>

The top three offence categories for Leeds City Centre are Theft, Assault and Robbery. Violence being a principal crime type and Theft being a particular issue in central business districts. Each offence type was mapped and the most vulnerable cluster areas identified.

## 6. GIS Cluster areas by offence type



## ASSAULT HOTSPOTS

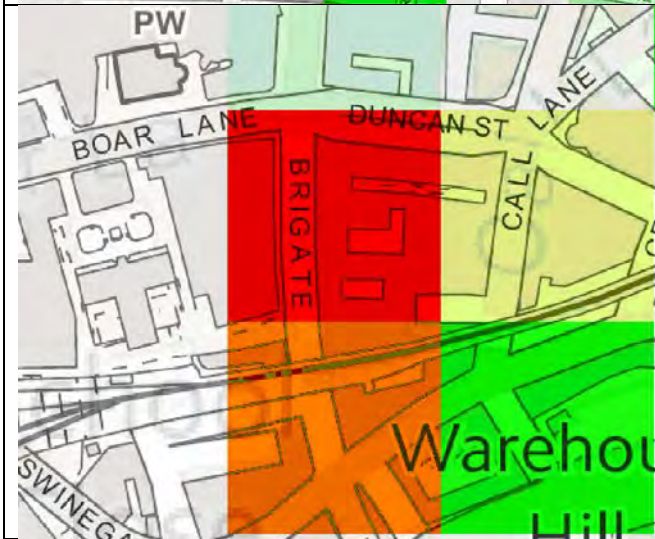


### Area A1

	2012/13	2013/14
Assault	150	103
Serious	12	11

### Temporal- 23:00 – 03:00

	2012/13	2013/14
On Street	43	26
Off Street	119	88



### Area A2

	2012/13	2013/14
Assault	146	186
Serious	12	29

### Temporal – 00:00 – 05:00

	2012/13	2013/14
On Street	78	95
Off Street	80	120



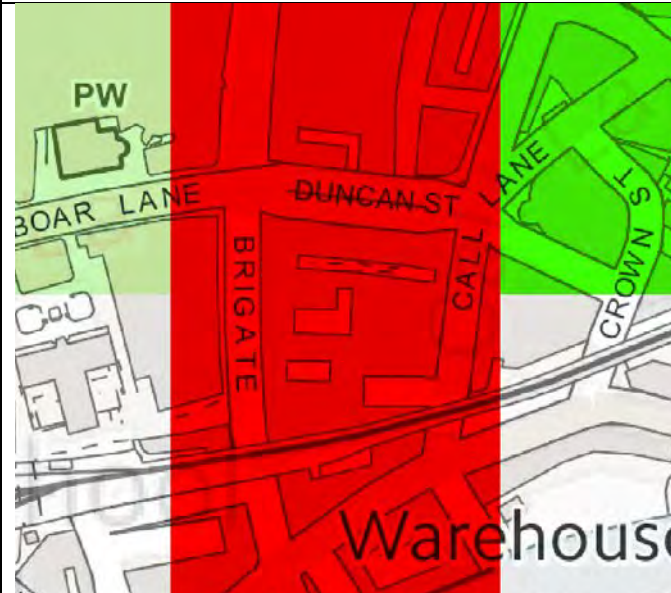
### Area A3

	2012/13	2013/14
Assault	45	39
Serious	4	1

### Temporal – 01:00 – 03:00

	2012/13	2013/14
On Street	20	16
Off Street	29	24

## THEFT HOTSPOTS



### Area T1

	2012/13	2013/14
THEP	738	562
TNSP	467	409

### Temporal- 23:00-03:00

	2012/13	2013/14
On Street	137	132
Off Street	1068	839

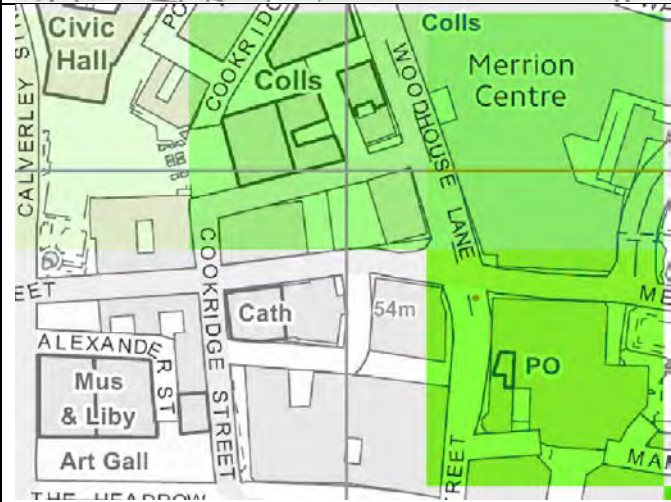


### Area T2

	2012/13	2013/14
THEP	98	69
TNSP	87	64

### Temporal – 0:00 – 02:00

	2012/13	2013/14
On Street	19	15
Off Street	166	118



### Area T3

	2012/13	2013/14
THEP	309	157
TNSP	223	148

### Temporal – 21:00 – 01:00

	2012/13	2013/14
On Street	32	15
Off Street	500	290

## 7. Summary of Conclusions

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### Statistical Data

- For the first time, crime demonstrated a decrease on annual figures although remained above figures seen pre-2012.
- Theft and Robbery increased whereas other offence types did not.
- Offences on Licensed Premises decreased towards levels previously seen in 2010.
- Comparing 2012 to 2013, Theft, Robbery and Public Order increased during the daytime economy and Robbery increased during the night-time economy.

### Night time economy statistics

- The biggest offence type increases were 'On Street' Robberies and Thefts.
- Call Lane, Briggate and Albion Street remain the top streets for offences.
- 83% of Thefts occurred on business premises.
- The Boar Lane / Briggate area had the highest density of offences, consistent with areas shown in previous years.
- Seasonally, offences increase during September to December.
- The areas R1, A1 & T3 (Woodhouse Lane) and R2, A2, T1 (Boar Lane / Briggate) are strongly recommended for inclusion in any cumulative impact policy.

## Appendix 1: Calls for Service

### Incident data between 6pm and 5:59am

The incident data included is that of the 600 (concern for safety etc) and 800 (Nuisance etc) categories only.

Below is a table of streets where there has been more than 25 calls for service received in the last twelve months (Sep 13 – Aug 14). The percentage shows the change in figures when compared to the previous twelve months.

Street	Sep12 to Aug13	Sep13 to Aug14	Change +/-	Change %
BRIGGATE	344	380	36	10.5
GREAT GEORGE ST	298	295	-3	-1.0
CALL LN	195	240	45	23.1
THE HEADROW	209	219	10	4.8
BOAR LN	126	205	79	62.7
ALBION ST	167	176	9	5.4
WOODHOUSE LN	149	174	25	16.8
NEW YORK ST	98	104	6	6.1
NEW BRIGGATE	118	97	-21	-17.8
MILLGARTH ST	74	72	-2	-2.7
WELLINGTON ST	52	72	20	38.5
YORK ST	57	71	14	24.6
VICAR LN	88	69	-19	-21.6
COOKRIDGE ST	58	66	8	13.8
MERRION ST	54	61	7	13.0
KIRKGATE	51	60	9	17.6
PARK ROW	49	58	9	18.4
CROWN ST	50	56	6	12.0
EASTGATE	46	54	8	17.4
MERRION WAY	42	49	7	16.7
CALVERLEY ST	41	46	5	12.2
HIRSTS YD	22	44	22	100.0
BRUSSELS ST	24	41	17	70.8
CHADWICK ST	37	40	3	8.1
CROWN POINT RD	46	38	-8	-17.4
DYER ST	55	37	-18	-32.7
CORN EXCHANGE	34	36	2	5.9
BREWERY PL	27	36	9	33.3
ST JOHNS CTR	46	34	-12	-26.1
KIRKSTALL RD	28	34	6	21.4
GOTTS RD	23	34	11	47.8
SWINEGATE	26	33	7	26.9
DUNCAN ST	51	31	-20	-39.2
NEVILLE ST	37	31	-6	-16.2
THE CALLS	29	31	2	6.9
CLAYPIT LN	20	30	10	50.0
SOMERS ST	18	30	12	66.7
BISHOPGATE ST	17	30	13	76.5
MARSHALL ST	14	29	15	107.1
JUNCTION ST	13	29	16	123.1
BRIDGE END	30	28	-2	-6.7
WELLINGTON BRIDGE ST	27	28	1	3.7
CITY SQ	25	27	2	8.0
CITY WK	19	27	8	42.1
REGENT ST	32	26	-6	-18.8
THE BOULEVARD	20	26	6	30.0
WHARF APPR	18	26	8	44.4