

CRIMEMALTA

GOZO CRIME REVIEW

Period 2004-2016 with 2017 (Jan-Nov)

2016 figures depict a generic trend line stabilisation in reported crime having experienced a massive increase between 2012 and 2013 which increase has not been reversed and requires mitigation to return to sub 500 crimes per year as against the current 700. This increase is related to various issues as crime is evolving from a social-space structure to the invasion of personal-space. The crime dynamics relate to higher affluence, the increase in number of visitors, the migration towards lower rent areas, the creation of opportunities for crime and an evident evolving community that is concentrated within the small metropolitan area of Victoria. This short report review the thematic, spatial and temporal issues related to the Gozitan crime and security issues.

Professor Saviour Formosa

saviour.formosa@um.edu.mt

08 January 2018



CRIMEMALTA GOZO CRIME REVIEW¹

Period 2004-2016 with 2017 (Jan-Nov)

CrimeMalta's review of Gozo's interactive spatial technologies and spatial statistics such as published on an annual basis for the National annual report. This report is related to the 2004 to 2016 full-year data as the 2017 data is pending the December reports on date of drafting.

In summary, at **700 reported offences**, Gozo's crime structure is very low compared to the Maltese reporting at 17,298 for 2016. In terms of reported crimes per 1000 persons, Gozo hold 23 offences per 1000 persons as against Malta Island's 45 crimes per 1000 persons.

However, these figures though very low, are worrying as the rate amounted to 16 offences per 1000 persons as recent as 2012. The increase is related to various issues as crime is evolving from an economic dynamic that is impinging on the social-space structure on one facet and to incidents related to the invasion of personal-space on another facet. The crime dynamics relate to higher affluence, the increase in the number of visitors, the migration of persons towards lower rent areas, the creation of opportunities for crime and an evident evolving community that is concentrated within the small metropolitan area of Victoria with growing hotspots concentrated in the summer-zone attractors such as Marsalforn and Xlendi (Refer to Section 3 Maps). Interestingly, studies should focus on the use and changes being effected in these zones, such as the gradual summer to permanent habitation, terraced to multi-unit development, smaller dwelling units and other spatio-structural changes.

In terms of the Relative Index of Spatial crime (RISC), the Gozitan towns register very low rates, either due to low reporting or low incidence of offences. Section 2 covers the RISC league of tables for Grand Total Crimes, Residential and Vehicle related offences, whilst the www.crimemalta.com also includes the recently added domestic violence and commercial crimes RISC. Zebbug registers a high-risk level in terms of Grand Total, Residential Vehicle and Domestic Violence RISC. Refer to Section 2 for a more detailed description from the Crime Malta Annual Report.

The main reported crime category is the **Theft** category, which phenomenon has however decreased over the years since 2014 in terms of counts and percentage-wise from 2009, down to 37% of all offences as against the Maltese Islands data, where theft comprises 51% of all offences reported to the Police. Interestingly, in Gozo, pickpocketing is quite low in the list.

The second highest reported offence, **Damages**, has seen a slight increase to 34% of all offences, when compared to the national 23% rate, indicating a different dynamic on both reporting and the actual actuation of an offence. **Domestic Violence** has maintained its consistent increase year-on-year reaching 5.6% of all offences,

¹ Data for 2017 will be available by end January 2018.

however taking fourth place as the highest ranking offence, **Bodily Harm, which has registered a year on year decrease** though higher than the national rate at 6.29%, which points to a steadily more tolerant and less violent society in the social realm, As in Malta, **Fraud** again experienced an increase over the previous year, reaching the highest figures over the past decade. These 5 categories of crimes comprise 86% of all crime reports.

FIGURES TO PONDER FOR ACTION

- **Crimes that Increased:** damages, attempted offences, domestic violence, drugs, fraud (refer to Tables in Section 1)
- **Crimes that Decreased:** theft, bodily harm, violence against private violence, arson
- **Thefts** have seen an overall decrease in most categories, with the main sub-categories being reported relate to ‘other theft’, theft from streets and public areas, theft from beaches, theft from vehicle and their interior. Action is required in surveillance and monitoring such an activity and also to enable its mitigation.
- **Damages** constituted a stabilisation of reports between 2015 and 2016, decreasing slightly. Interestingly, this category needs to be tackled as the main reports relate to ‘general damage’, involuntary damage by hit and run and wilful damage by other means. It is imperative that a monitoring system is set in place either through neighbourhood watch, monitoring technology or other means such as on-the-ground police presence.
- **Bodily Harm** remained stable at 44 offences per year.
- **Fraud** has experienced a slight increase over the previous year, a consistent rate
- **Computer** related crime experienced a slight decrease over the previous year
- **Drugs** reporting increased by 38% in 2016 to 22, though lower than the 48 instances reported in 2013.
- **Domestic Violence** has continued its steady increase reaching 39 instances in 2016 up from 31 reports in 2015, which points to a 26% increase between the two years, and a 56% increase since 2007 when specific statistics on Domestic Violence became available due to changes in legislation (2007)
- **Threats and Public Violence** has steadily increased to 2%.

- **Sexual Offences** decreased slightly over the previous year
- **Violence against Public Officers** though slightly lower than in 2012 is still relatively high at 9 cases per year.
- **Theft from Residences** has increased for occupied dwelling, though decreased for vacant dwellings. It is imperative that more awareness on the need to secure homes, reduce the use of rolled-down reed curtains, ensure that doors are closed and where necessary, the use of CCTV should be encouraged.

Temporal Statistics

In terms of Temporal statistics, the summer months remain the highest offence absorbers, steadily increasing from March to **August**, declining slightly till December, dropping in January and then slowly increasing till April. Refer to Tables 4a and 4b (orange is the highest crime reporting month, followed by a yellow second-reporting month).

Interestingly, the different towns town host offences during different months reflecting an activity-scenario governing the type of festivity, attractors or opportunities offered by each area. As an example **Ghasri** hosts offences in September and to a lesser extent October, whilst **Nadur** hosts a significant amount in February as related to the specialised carnival activities in the locality.

This scenario requires further study both in terms of the period during which the activity occurs as well as the time periods (hours) it occurs in, such as morning or evening.

The following sections depict tabular data that should be used to understand the crime dynamics emanating from this short report.

SECTION 1: GOZO CRIME DATA

Rabat (Victoria) is the locality that garners most reports (26.4% in 2017 Jan-Nov and to comparable percentages in the previous years) (Tables 1 and 2a-2b respectively), attesting to its population and household structure but also testament to the various year-long economic activities that attract offenders due to the opportunities offered to such individuals.

Thus, the city requires a crime prevention strategy aimed at awareness, intervention and prosecution. This is mainly due to the fact that Attempted Offences as reported have increased and require intervention before the attempt even occurs.

Table 1: Grand Total Offences 2017 (January-November temporary data)

Grand Total Offences 2017 Jan-Nov		
Locality	Count	%
RABAT	171	26.4
GHAJNSIELEM	101	15.6
ZEBBUG	79	12.2
NADUR	55	8.5
XAGHRA	55	8.5
XEWKIJA	48	7.4
MUNXAR	34	5.2
KERCEM	26	4.0
SANNAT	20	3.1
QALA	16	2.5
SAN LAWRENZ	14	2.2
GHARB	13	2.0
GHASRI	10	1.5
FONTANA	6	0.9
Grand Total	648	100

Table 2a – 2b: Grand Total Offences Counts and Percentages – 2004-2016

Grand Total Counts: 2004 - 2016														
Locality	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
RABAT	186	186	172	132	134	109	131	115	107	160	178	189	160	1959
GHAJNSIELEM	76	109	93	79	79	73	74	77	93	111	109	96	117	1186
ZEBBUG	69	83	65	70	73	51	56	42	42	91	95	80	101	918
NADUR	95	82	58	60	59	51	59	57	45	72	62	69	53	822
XAGHRA	54	60	49	48	53	35	37	32	32	41	46	47	65	599
XEWKIJA	55	34	46	38	50	35	37	27	39	37	46	43	49	536
MUNXAR	32	44	42	40	31	33	33	33	35	41	43	41	39	487
QALA	29	18	34	20	10	28	14	23	18	19	21	19	22	275
SANNAT	25	24	22	25	27	23	16	14	16	20	25	14	17	268
KERCEM	21	24	22	23	18	11	10	10	13	18	19	27	14	230
GHARB	22	19	23	17	14	11	8	13	11	14	18	21	23	214
SAN LAWRENZ	11	29	37	11	12	5	7	7	14	14	17	16	16	196
FONTANA	4	20	13	18	12	10	13	8	5	9	13	10	8	143
GHASRI	10	11	11	11	5	12	8	6	11	8	10	14	16	133
Grand Total	689	743	687	592	577	487	503	464	481	655	702	686	700	7966

Grand Total Percentages: 2004 - 2016														
Locality	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
RABAT	27.0	25.0	25.0	22.3	23.2	22.4	26.0	24.8	22.2	24.4	25.4	27.6	22.9	24.6
GHAJNSIELEM	11.0	14.7	13.5	13.3	13.7	15.0	14.7	16.6	19.3	16.9	15.5	14.0	16.7	14.9
ZEBBUG	10.0	11.2	9.5	11.8	12.7	10.5	11.1	9.1	8.7	13.9	13.5	11.7	14.4	11.5
NADUR	13.8	11.0	8.4	10.1	10.2	10.5	11.7	12.3	9.4	11.0	8.8	10.1	7.6	10.3
XAGHRA	7.8	8.1	7.1	8.1	9.2	7.2	7.4	6.9	6.7	6.3	6.6	6.9	9.3	7.5
XEWKIJA	8.0	4.6	6.7	6.4	8.7	7.2	7.4	5.8	8.1	5.6	6.6	6.3	7.0	6.7
MUNXAR	4.6	5.9	6.1	6.8	5.4	6.8	6.6	7.1	7.3	6.3	6.1	6.0	5.6	6.1
QALA	4.2	2.4	4.9	3.4	1.7	5.7	2.8	5.0	3.7	2.9	3.0	2.8	3.1	3.5
SANNAT	3.6	3.2	3.2	4.2	4.7	4.7	3.2	3.0	3.3	3.1	3.6	2.0	2.4	3.4
KERCEM	3.0	3.2	3.2	3.9	3.1	2.3	2.0	2.2	2.7	2.7	2.7	3.9	2.0	2.9
GHARB	3.2	2.6	3.3	2.9	2.4	2.3	1.6	2.8	2.3	2.1	2.6	3.1	3.3	2.7
SAN LAWRENZ	1.6	3.9	5.4	1.9	2.1	1.0	1.4	1.5	2.9	2.1	2.4	2.3	2.3	2.5
FONTANA	0.6	2.7	1.9	3.0	2.1	2.1	2.6	1.7	1.0	1.4	1.9	1.5	1.1	1.8
GHASRI	1.5	1.5	1.6	1.9	0.9	2.5	1.6	1.3	2.3	1.2	1.4	2.0	2.3	1.7
Grand Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Table 3a – 3b: Main Crime Categories Counts and Percentages – 2004-2016

Main Crime Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
THEFT	268	310	331	272	284	255	247	224	228	264	283	277	259	3502
DAMAGE	261	286	201	173	139	91	99	107	133	207	234	225	237	2393
BODILY HARM	64	53	65	56	45	45	43	37	31	32	46	44	44	605
ATTEMPTED OFFENCES	30	43	35	42	26	21	15	10	13	12	19	9	26	301
DOMESTIC VIOLENCE				7	25	27	24	28	19	27	29	31	39	256
DRUGS	9	6	7	5	5	14	22	12	22	48	36	16	22	224
FRAUD	9	4	7	5	13	9	14	17	10	21	17	24	27	177
VIOLENCE AGAINST PUB. OFFICER	7	3	6	10	5	5	5	11	11	5	9	10	9	96
ARSON	6	10	9	9	8	5	9	1	4	7	9	6	4	87
THREATS AND PRIVATE VIOLENCE	15	13	8	3	4	1	4	2	4	5	2	12	13	86
COMPUTER MISUSE			4	1	7	4	4	8	5	11	8	12	10	74
SEXUAL OFFENCE	2	4	5		8	7	8	4		5	4	11	7	65
FORGERY	7	1	2	4	2	1	2		1	7	4	4		35
IMMIGRATION	3	3	4	4	3	2	3	1		1			1	25
AGAINST MORALS/HONOUR - FAMILY	4	7	2											13
PERJURY & FALSE SWEARING				1						1	1	3	1	7
ERRONEOUS REPORTS							3	1						4
HOMICIDE	2									1				3
PORNOGRAPHY					1		1	1						3
ABUSE OF PUBLIC AUTHORITY	1											1		2
CRIMES VS ADMIN OF JUSTICE ETC					1							1		2
PROSTITUTION					1						1			2
CRIMES - RELIGIOUS SENTIMENT										1				1
CRIMES AGAINST PUBLIC SAFETY	1													1
INFANTICIDE/ABANDON. OF CHILD													1	1
TRAFFICKING OF PERSONS			1											1
Grand Total	689	743	687	592	577	487	503	464	481	655	702	686	700	7966

Main Crime Categories Percentages: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
THEFT	38.9	41.7	48.2	45.9	49.2	52.4	49.1	48.3	47.4	40.3	40.3	40.4	37	44.0
DAMAGE	37.9	38.5	29.3	29.2	24.1	18.7	19.7	23.1	27.7	31.6	33.3	32.8	33.9	30.0
BODILY HARM	9.29	7.13	9.46	9.46	7.8	9.24	8.55	7.97	6.44	4.89	6.55	6.41	6.29	7.6
ATTEMPTED OFFENCES	4.35	5.79	5.09	7.09	4.51	4.31	2.98	2.16	2.7	1.83	2.71	1.31	3.71	3.8
DOMESTIC VIOLENCE				1.18	4.33	5.54	4.77	6.03	3.95	4.12	4.13	4.52	5.57	3.2
DRUGS	1.31	0.81	1.02	0.84	0.87	2.87	4.37	2.59	4.57	7.33	5.13	2.33	3.14	2.8
FRAUD	1.31	0.54	1.02	0.84	2.25	1.85	2.78	3.66	2.08	3.21	2.42	3.5	3.86	2.2
VIOLENCE AGAINST PUB. OFFICER	1.02	0.4	0.87	1.69	0.87	1.03	0.99	2.37	2.29	0.76	1.28	1.46	1.29	1.2
ARSON	0.87	1.35	1.31	1.52	1.39	1.03	1.79	0.22	0.83	1.07	1.28	0.87	0.57	1.1
THREATS AND PRIVATE VIOLENCE	2.18	1.75	1.16	0.51	0.69	0.21	0.8	0.43	0.83	0.76	0.28	1.75	1.86	1.1
COMPUTER MISUSE			0.58	0.17	1.21	0.82	0.8	1.72	1.04	1.68	1.14	1.75	1.43	0.9
SEXUAL OFFENCE	0.29	0.54	0.73		1.39	1.44	1.59	0.86		0.76	0.57	1.6	1	0.8
FORGERY	1.02	0.13	0.29	0.68	0.35	0.21	0.4		0.21	1.07	0.57	0.58		0.4
IMMIGRATION	0.44	0.4	0.58	0.68	0.52	0.41	0.6	0.22		0.15			0.14	0.3
AGAINST MORALS/HONOUR - FAMILY	0.58	0.94	0.29											0.2
PERJURY & FALSE SWEARING				0.17						0.15	0.14	0.44	0.14	0.1
ERRONEOUS REPORTS							0.6	0.22						0.1
HOMICIDE	0.29									0.15				0.0
PORNOGRAPHY					0.17		0.2	0.22						0.0
ABUSE OF PUBLIC AUTHORITY	0.15											0.15		0.0
CRIMES VS ADMIN OF JUSTICE ETC					0.17							0.15		0.0
PROSTITUTION					0.17						0.14			0.0
CRIMES - RELIGIOUS SENTIMENT										0.15				0.0
CRIMES AGAINST PUBLIC SAFETY	0.15													0.0
INFANTICIDE/ABANDON. OF CHILD													0.14	0.0
TRAFFICKING OF PERSONS			0.15											0.0
Grand Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Table 4a – 4b: Monthly Reported Crimes Counts and Percentages – 2004-2016

Monthly Reported Crime Counts: 2004 - 2016													
Locality	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
FONTANA	9	9	9	10	17	23	13	15	11	8	10	9	143
GHAJNSIELEM	67	92	75	72	97	101	160	181	106	106	78	51	1186
GHARB	8	20	18	20	17	19	25	25	21	11	18	12	214
GHASRI	7	8	9	6	7	10	15	12	20	16	14	9	133
KERCEM	23	18	18	20	23	14	20	18	21	20	18	17	230
MUNXAR	21	28	35	27	32	41	86	84	52	25	27	29	487
NADUR	59	124	71	83	45	81	69	82	56	56	56	40	822
QALA	23	21	14	17	17	24	29	43	18	29	19	21	275
RABAT	149	185	168	155	163	145	207	178	160	144	140	165	1959
SAN LAWRENZ	8	9	16	17	28	15	18	29	27	14	11	4	196
SANNAT	11	18	23	26	20	23	35	23	22	28	22	17	268
XAGHRA	26	36	38	46	55	58	74	74	58	57	42	35	599
XEWKIJA	37	50	45	57	43	39	47	63	42	44	34	35	536
ZEBBUG	35	46	56	62	66	87	123	151	118	76	44	54	918
Grand Total	483	664	595	618	630	680	921	978	732	634	533	498	7966

Monthly Reported Crime Percentages: 2004 - 2016													
Locality	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
FONTANA	6.3	6.3	6.3	7.0	11.9	16.1	9.1	10.5	7.7	5.6	7.0	6.3	100
GHAJNSIELEM	5.6	7.8	6.3	6.1	8.2	8.5	13.5	15.3	8.9	8.9	6.6	4.3	100
GHARB	3.7	9.3	8.4	9.3	7.9	8.9	11.7	11.7	9.8	5.1	8.4	5.6	100
GHASRI	5.3	6.0	6.8	4.5	5.3	7.5	11.3	9.0	15.0	12.0	10.5	6.8	100
KERCEM	10.0	7.8	7.8	8.7	10.0	6.1	8.7	7.8	9.1	8.7	7.8	7.4	100
MUNXAR	4.3	5.7	7.2	5.5	6.6	8.4	17.7	17.2	10.7	5.1	5.5	6.0	100
NADUR	7.2	15.1	8.6	10.1	5.5	9.9	8.4	10.0	6.8	6.8	6.8	4.9	100
QALA	8.4	7.6	5.1	6.2	6.2	8.7	10.5	15.6	6.5	10.5	6.9	7.6	100
RABAT	7.6	9.4	8.6	7.9	8.3	7.4	10.6	9.1	8.2	7.4	7.1	8.4	100
SAN LAWRENZ	4.1	4.6	8.2	8.7	14.3	7.7	9.2	14.8	13.8	7.1	5.6	2.0	100
SANNAT	4.1	6.7	8.6	9.7	7.5	8.6	13.1	8.6	8.2	10.4	8.2	6.3	100
XAGHRA	4.3	6.0	6.3	7.7	9.2	9.7	12.4	12.4	9.7	9.5	7.0	5.8	100
XEWKIJA	6.9	9.3	8.4	10.6	8.0	7.3	8.8	11.8	7.8	8.2	6.3	6.5	100
ZEBBUG	3.8	5.0	6.1	6.8	7.2	9.5	13.4	16.4	12.9	8.3	4.8	5.9	100
Grand Total	6.1	8.3	7.5	7.8	7.9	8.5	11.6	12.3	9.2	8.0	6.7	6.3	100

Table 5: Crime Sub-Categories Counts – 2004-2016

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
ABUSE OF PUBLIC AUTHORITY	1											1		2
CORRUPTION												1		1
(blank)	1													1
AGAINST MORALS/HONOUR - FAMILY	4	7	2											13
(blank)	4	7	2											13
ARSON	6	10	9	9	8	5	9	1	4	7	9	6	4	87
AFFORESTATION				2	1						1	2		6
COMMERCIAL ENTITIES							1							1
GOVERNMENT PROPERTY											1		1	2
OTHER PROPERTY					3	3	6	1	1	3	4	1	1	23
PRIVATE BUILDINGS					1	1			3	2	2		1	10
SEA CRAFT											1			1
VEHICLES					3	1	2			2		3	1	12
(blank)	6	10	9	7										32
ATTEMPTED OFFENCES	30	43	35	42	26	21	15	10	13	12	19	9	26	301
ARSON							1				1			2
ATTEMPTED ARSON	3	1		3										7
ATTEMPTED BODILY HARM	5	6	3	1										15
ATTEMPTED DAMAGE	5	6	2	4										17
ATTEMPTED HOMICIDE		1												1
ATTEMPTED SEXUAL OFFENCE			2											2
ATTEMPTED THEFT	17	29	28	25										99
BODILY HARM BY PHYSICAL FORCE						1				1				2
BODILY HARM WITH ARMS IMPROPER				1			1	1	1		1		1	6
BODILY HARM WITH ARMS PROPER													1	1

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
COMPUTER MISUSE						1	1				1		1	4
DV - BH WITH ARMS IMPROPER									1					1
HOMICIDE - WILFUL				1							1			2
SEXUAL OFFENCE - DEF. OF MINOR						1								1
SEXUAL OFFENCE - RAPE						1								1
SEXUAL OFFENCE - VIA						2		1					1	4
THEFT - ARMED ROBBERY				1										1
THEFT - BARS/RESTUARANTS				1	1									2
THEFT - BUILDING SITES					1		2	1	1					5
THEFT - FARMS/FIELDS										1		1		2
THEFT - FROM SEA CRAFT								1	1					2
THEFT - FROM VEHICLE						2			1	2	2		4	11
THEFT - HOTELS											1			1
THEFT - MUGGING												1		1
THEFT - OFFICES								1		1	1	1		4
THEFT - OTHER						4	1		1	1	1	1	2	11
THEFT - PICK-POCKETING											1			1
THEFT - RESIDENCE				4	19	7	7	3	4	4	6	2	7	63
THEFT - RETAIL OUTLETS					2			1	1	1	1	3	3	12
THEFT - SEA CRAFT											1			1
THEFT - STREETS/PUBLIC AREAS				1						1			2	4
THEFT - VEHICLE					2	1		1					3	7
VIOLENCE AGAINST PUB. OFFICER											1			1
WILFUL DAMAGE					1	1	2		2				1	7
BODILY HARM	64	53	65	56	45	45	43	37	31	32	46	44	44	605
DOMESTIC VIOLENCE	13	8	12	11										44
GBH BY PHYSICAL FORCE					2	7	3	4	2	1	4	6	5	34
GBH WITH ARMS IMPROPER						2	2			2	2	1	3	12
GBH WITH ARMS PROPER							1	1	1		1	1	1	6

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
GENERAL BODILY HARM	51	45	53	31										180
SBH BY ARMS IMPROPER													1	1
SBH BY PHYSICAL FORCE				9	33	29	30	29	23	24	31	31	28	267
SBH WITH ARMS IMPROPER				4	9	4	5	2	5	3	5	3	5	45
SBH WITH ARMS PROPER				1	1	3	2	1		2	3	2	1	16
COMPUTER MISUSE			4	1	7	4	4	8	5	11	8	12	10	74
PASSWORD DISCLOSURE					1			1						2
UNAUTHORISED ACCESS					5	2	2	5	4	7	3	7	7	42
UNAUTHORISED COPYING OF DATA											1	1		2
UNAUTHORISED COPYING OF INFO.						1								1
UNAUTHORISED POSSESSION DATA										3	1	2		6
USE OF OTHER PERSONS EMAIL					1	1	2	1	1	1	2	2	2	13
USE OF OTHER PERSONS PASSWORD				1				1			1		1	4
(blank)			4											4
CRIMES - RELIGIOUS SENTIMENT										1				1
TEST1										1				1
CRIMES AGAINST PUBLIC SAFETY	1													1
(blank)	1													1
CRIMES VS ADMIN OF JUSTICE ETC					1							1		2
ILLEGAL ARREST												1		1
(blank)					1									1
DAMAGE	261	286	201	173	139	91	99	107	133	207	234	225	237	2393
BY ACID	10	2	9	1										22
BY EXPLOSION	2	2												4
BY PAINT	6	7	12	5										30
BY SHOT	3	4	1	2										10
GENERAL DAMAGE	240	271	179	128										818
INV. DAMAGE BY HIT AND RUN				4	2	5	5	12	28	72	84	83	94	389
INVOLUNTARY DAMAGE BY OTHER				5	10	2	6	1	10	17	11	33	25	120

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
INVOLUNTARY DAMAGE BY PAINT											1		1	2
INVOLUNTARY DAMAGE BY SHOT					1			1						2
WILFUL DAMAGE BY ACID					2					1	3			6
WILFUL DAMAGE BY EXPLOSION													2	2
WILFUL DAMAGE BY OTHER				25	115	76	78	89	83	92	116	102	99	875
WILFUL DAMAGE BY PAINT				2	8	5	6	3	5	8	2	3	3	45
WILFUL DAMAGE BY SHOT				1	1	3	1		1	3	1	1	2	14
WILFUL DAMAGE HIT AND RUN							3	1	6	14	16	3	11	54
DOMESTIC VIOLENCE				7	25	27	24	28	19	27	29	31	39	256
GBH WITH ARMS IMPROPER									1		1			2
GBH WITH PHYSICAL FORCE						1		2	1	2		2	3	11
PSYCHOLOGICAL HARM				3	12	4	5	12	8	10	16	7	13	90
SBH BY ARMS IMPROPER					3	4					1	1	1	10
SBH BY PHYSICAL FORCE												1		1
SBH WITH PHYSICAL FORCE				4	10	18	14	11	9	13	11	19	19	128
STALKING							5	3		2		1	3	14
DRUGS	9	6	7	5	5	14	22	12	22	48	36	16	22	224
CULTIVATION						2			1	1	2		1	7
IMPORTATION								2	1			1		4
POSS WITH INTENT TO SUPPLY							1		1	8	5		1	16
POSSESSION				1	4	9	17	9	15	30	27	13	20	145
TRAFFICKING					1	3	4	1	4	9	2	2		26
(blank)	9	6	7	4										26
ERRONEOUS REPORTS							3	1						4
REVIEWED AS NON-CRIME							3	1						4
FORGERY	7	1	2	4	2	1	2		1	7	4	4		35
POSSESSION OF LOCAL CURRENCY										2				2
PRIVATE DOCUMENTS					1		1			1	2			5
PUBLIC DOCUMENTS				1		1	1			2	2			7

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
TRAFFICKING OF LOCAL CURRENCY										1				1
USE OF LOCAL CURRENCY					1				1	1		4		7
(blank)	7	1	2	3										13
FRAUD	9	4	7	5	13	9	14	17	10	21	17	24	27	177
COMMERCIAL				1			1	4		1		1		8
COUNTERFEIT					1	1	4	3	1	3	2			15
CUSTOMS ORDINANCE					1					1				2
FRAUDULENT GAINS					9	8	9	9	9	11	14	21	26	116
INSURANCE				1										1
MISAPPROPRIATION					2			1		5	1	2	1	12
(blank)	9	4	7	3										23
HOMICIDE	2									1				3
WILFUL										1				1
(blank)	2													2
IMMIGRATION	3	3	4	4	3	2	3	1		1			1	25
							2	1		1			1	5
(blank)	3	3	4	4	3	2	1							20
INFANTICIDE/ABANDON. OF CHILD													1	1
													1	1
PERJURY & FALSE SWEARING				1						1	1	3	1	7
CALUMNIOUS ACCUSATIONS										1				1
FALSE DOCUMENTS													1	1
FALSE SWEARING												2		2
PERJURY IN CIVIL PROCEEDINGS											1	1		2
(blank)				1										1
PORNOGRAPHY					1		1	1						3
ADULT RELATED							1	1						2
CHILD RELATED					1									1
PROSTITUTION					1						1			2

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
INDUCING PERSON OF AGE											1			1
(blank)					1									1
SEXUAL OFFENCE	2	4	5		8	7	8	4		5	4	11	7	65
DEFILEMENT OF MINORS					3	1	5	2		1	1	6	1	20
INDECENT EXPOSURE					3	4	1	1		1	2	1	2	15
RAPE					2					2		2	1	7
VIOLENT INDECENT ASSAULT						2	2	1		1	1	2	3	12
(blank)	2	4	5											11
THEFT	268	310	331	272	284	255	247	224	228	264	283	277	259	3502
ARMED ROBBERY					1			1					1	3
BAR/RESTAURANT - CUSTOMERS				2	8	7	9	5	7	8	5	9	12	72
BAR/RESTAURANT - EMPLOYEES								1			1	1		3
BAR/RESTAURANT - PREMISES				1	4	5	3	3	3	10	5	3	1	38
BUILDING SITES				2	9	2	6	3	1	3			3	29
FACTORIES - PREMISES							3		1					4
FACTORIES - VACANT				1			1	1			1		1	5
FARMS AND FIELDS				4	23	11	27	13	12	15	19	24	19	167
GENERAL THEFT	116	140	119	83										458
HOLD-UP			1											1
HOTEL - CUSTOMERS					1	1	3	1	1	3	7	1	3	21
HOTEL - EMPLOYEES								1		2				3
HOTEL - PREMISES					3			3		5		1	1	13
MUGGING													1	1
OFFICES - EMPLOYEES					1						2		1	4
OFFICES - PREMISES				1			2	5	3		4	1	5	21
OTHER THEFT				10	32	32	33	37	43	38	49	76	27	377
PICK-POCKETING	7	6	6	6	5	7	4	8	9	23	14	11	10	116
RELIGIOUS TEMPLES - PREMISES					2	1	1		4	2	2	1		13
RELIGIOUS TEMPLES - VISITORS						2					2	1	2	7













Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
RESIDENCE - EXTERIOR				4	8	14	5	5	4	3	11	4	9	67
RESIDENCE - OCCUPIED				12	35	25	16	17	12	10	17	25	25	194
RESIDENCE - VACANT				2	4	7	15	8	10	5	7	7	3	68
RETAIL OUTLETS - CUSTOMERS				1	6	1	3	1	2	10	7	5	5	41
RETAIL OUTLETS - EMPLOYEES								1	1		3	2		7
RETAIL OUTLETS - PREMISES				2	2	4	11	4	4	3	8	11	5	54
RETAIL OUTLETS - SHOP LIFTING					3		8	6	1	4	4	5	6	37
SNATCH AND GRAB				3			2			2	1	1		9
STREETS AND PUBLIC AREAS				3	45	53	26	36	31	26	31	23	36	310
THEFT FROM BARS/HOTELS	5	9	10	8										32
THEFT FROM BEACHES	18	11	17	13	13	21	14	19	26	16	28	18	21	235
THEFT FROM FACTORIES	1		3	3										7
THEFT FROM RESIDENCE	30	38	28	22										118
THEFT FROM RETAIL OUTLETS	8	12	17	7										44
THEFT FROM SEACRAFT	4	10	12	9	11	5	9	2	5	6	6	5	2	86
THEFT FROM VEHICLE	57	60	98	37										252
THEFT FROM VEHICLE - EXTERIOR				5	25	13	18	13	13	27	8	9	11	142
THEFT FROM VEHICLE - INTERIOR				6	27	25	19	23	30	37	35	23	34	259
THEFT OF SEA CRAFT					1	1	1	1	1			1	3	9
THEFT OF SEACRAFT		2	1	3										6
THEFT OF VEHICLE	22	22	19	22	15	18	8	6	4	6	6	9	12	169
THREATS AND PRIVATE VIOLENCE	15	13	8	3	4	1	4	2	4	5	2	12	13	86
BLACKMAIL									1			4	6	11
DEFAMATION					1		2		2		1	2	2	10
HARASSMENT					2	1	2	2		5	1	3	4	20
PRIVATE VIOLENCE									1			2	1	4
THREATS BY MEANS OF WRITING												1		1
(blank)	15	13	8	3	1									40
TRAFFICKING OF PERSONS			1											1

Crime Sub-Categories Counts: 2004 - 2016														
Category	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	Grand Total
(blank)			1											1
VIOLENCE AGAINST PUB. OFFICER	7	3	6	10	5	5	5	11	11	5	9	10	9	96
RESISTING					1		1	2	1	1		1	1	8
REVILED AND THREATENED				1	3			1					1	6
VILIFICATION						4	2	2	2		2		2	14
VIOLENCE AGAINST				1	1	1	2	6	8	4	7	9	5	44
(blank)	7	3	6	8										24
Grand Total	689	743	687	592	577	487	503	464	481	655	702	686	700	7966

SECTION 2: RISC MODEL: LEAGUE TABLES FOR 2016

GOZO

As part of a review of RISC Modelling for the Maltese Islands, a number of analytical studies have been carried out for the period between 1998 and 2016. Domestic Violence and Commercial Activity-related RISC has been included as from 2015. The following series of tables depicts the comparative categories where all the localities are gauged against a national risk rate. The legend below depicts the level of RISC (Relative Index of Spatial Crime) base on a 1.0 National Rate.

Colour	Risk of Crime as against the National Rate	Hotspot Level
	Zero Risk: No Crimes Reported - 0	
	Low Risk: Less than National Rate - <1x	
	National Risk: Equal to National Rate = 1x	
	High Risk: Up to Twice the National Rate - 2x	
	Very High Risk: Between Twice and up to Five times the National Rate - 2x to 5x	
	Extremely High Risk: Over Five times the National Rate - >5x	

Grand Total

Council
SAN GILJAN
MDINA
VALLETTA
FLORIANA
SLIEMA
SAN PAWL IL-BAHAR
MARSA
MSIDA
TA' XBIEX
GZIRA
MARSAXLOKK
GUDJA
ZEBBUG (Ghawdex)
PAOLA
MELLIEHA
GHAJNSIELEM
BIRZEBBUGIA
PIETA
BIRGU
BORMLA
GHASRI
HAMRUN
LUQA
MUNXAR
XGHAJRA
RABAT (Malta)

Residential

Council
MARSA
SAN PAWL IL-BAHAR
MSIDA
SWIEQI
XGHAJRA
SAN LAWRENZ
GHASRI
ZEBBUG (Ghawdex)
PEMBROKE
SAN GILJAN
MDINA
MELLIEHA
MUNXAR
GZIRA
LUQA
GHAJNSIELEM
SLIEMA
PIETA
MARSASCALA
BORMLA
PAOLA
BIRGU
BIRZEBBUGIA
VALLETTA
TA' XBIEX
GUDJA

Vehicle

Council
SAN GILJAN
MARSA
XGHAJRA
FLORIANA
LUQA
PAOLA
PEMBROKE
TA' XBIEX
VALLETTA
GZIRA
BIRZEBBUGIA
ZABBAR
PIETA
MSIDA
KALKARA
SAN PAWL IL-BAHAR
ZEBBUG (Ghawdex)
BORMLA
QORMI
BIRGU
GUDJA
HAMRUN
FGURA
GHAJNSIELEM
MARSAXLOKK
MGARR

Domestic

Council
GHASRI
XGHAJRA
BORMLA
BIRZEBBUGIA
SAN PAWL IL-BAHAR
GUDJA
KIRKOP
IKLIN
VALLETTA
KALKARA
MTARFA
ISLA
BIRGU
FLORIANA
MSIDA
ZABBAR
MQABBA
MOSTA
SAN GILJAN
ZEJTUN
ZURRIEQ
GHAJNSIELEM
GHARGHUR
SANTA VENERA
PEMBROKE
ZEBBUG (Ghawdex)

Commercial

Council
SAN GILJAN
PEMBROKE
GUDJA
SAN PAWL IL-BAHAR
SLIEMA
SANTA LUCIJA
MELLIEHA
VALLETTA
MARSASCALA
FLORIANA
GZIRA
PAOLA
SAFI
MUNXAR
SAN LAWRENZ
XGHAJRA
MTARFA
GHAJNSIELEM
RABAT (Malta)
LUQA
BORMLA
BIRZEBBUGIA
QORMI
KALKARA
HAMRUN
MDINA

Grand Total	Residential	Vehicle	Domestic	Commercial
PEMBROKE	ZEJTUN	GHASRI	ZEBBUG (Malta)	ATTARD
MARSASCALA	IKLIN	SANTA VENERA	LUQA	NAXXAR
QORMI	LIJA	MARSASCALA	MARSASCALA	MGARR
ISLA	FGURA	ZEJTUN	BIRKIRKARA	IKLIN
SANTA VENERA	HAMRUN	SLIEMA	MELLIEHA	MARSA
KALKARA	TARXIEN	TARXIEN	PIETA	ZEJTUN
SAN LAWRENZ	SIGGIEWI	MELLIEHA	GHAXAQ	TA' XBIEX
SWIEQI	QALA	BIRKIRKARA	SAFI	ZURRIEQ
RABAT (Victoria)	QORMI	GHAXAQ	QORMI	FGURA
ZEJTUN	ISLA	SAFI	BALZAN	RABAT (Victoria)
KIRKOP	SANTA VENERA	ISLA	MARSAXLOKK	SANTA VENERA
MOSTA	SAN GWANN	MDINA	SIGGIEWI	BIRKIRKARA
BIRKIRKARA	BALZAN	NAXXAR	RABAT (Malta)	ZEBBUG (Ghawdex)
MGARR	SAFI	GHARGHUR	SAN GWANN	PIETA
NAXXAR	MOSTA	SAN GWANN	HAMRUN	SAN GWANN
GHARB	NAXXAR	MUNXAR	LIJA	ZABBAR
GHARGHUR	BIRKIRKARA	LIJA	DINGLI	TARXIEN
ZABBAR	RABAT (Malta)	RABAT (Victoria)	ATTARD	XAGHRA
SAN GWANN	MQABBA	ZURRIEQ	PAOLA	SWIEQI
FGURA	FLORIANA	SWIEQI	GZIRA	ISLA
ATTARD	SANNAT	MOSTA	TARXIEN	MSIDA
SAFI	QRENDI	RABAT (Malta)	MARSA	SIGGIEWI
QRENDI	KALKARA	ATTARD	SLIEMA	MOSTA
TARXIEN	ATTARD	SIGGIEWI	FGURA	BIRGU
ZURRIEQ	XEWKIJA	ZEBBUG (Malta)	QRENDI	GHAXAQ
ZEBBUG (Malta)	MTARFA	KIRKOP	MUNXAR	ZEBBUG (Malta)
MTARFA	GHARB	SANTA LUCIJA	NAXXAR	KERCEM
IKLIN	ZEBBUG (Malta)	SAN LAWRENZ	MGARR	QALA

Grand Total	Residential	Vehicle	Domestic	Commercial
GHAXAQ	ZABBAR	QALA	SWIEQI	MARSAXLOKK
XAGHRA	SANTA LUCIJA	XEWKIJA	KERCEM	LIJA
BALZAN	MARSAXLOKK	MTARFA	QALA	QRENDI
SANTA LUCIJA	DINGLI	IKLIN	FONTANA	BALZAN
XEWKIJA	MGARR	XAGHRA	SANTA LUCIJA	DINGLI
MQABBA	XAGHRA	QRENDI	GHARB	GHARGHUR
LIJA	RABAT (Victoria)	FONTANA	NADUR	MQABBA
SIGGIEWI	NADUR	BALZAN	XEWKIJA	XEWKIJA
NADUR	KIRKOP	MQABBA	TA' XBIEX	KIRKOP
QALA	GHAXAQ	DINGLI	SANNAT	GHASRI
DINGLI	ZURRIEQ	NADUR	XAGHRA	NADUR
SANNAT	KERCEM	KERCEM	RABAT (Victoria)	SANNAT
FONTANA	GHARGHUR	SANNAT	MDINA	FONTANA
KERCEM	FONTANA	GHARB	SAN LAWRENZ	GHARB

Grand Total Offences

In terms of Grand Total Offences, San Giljan maintains its perennial hold at the top of the League, hosting over 5 times the national rate of offences, which is calculated as the observed offences as against those which should potentially occur in those areas under study. At a rate between 2 and 5 times the national rate, Mdina followed a close second, which group also comprises Valletta, Floriana, Sliema, San Pawl il-Bahar and Marsa, a rank similar to the 2015 report, except that Ta' Xbiex was overtaken by Marsa.

At a rate between the national up to twice that rate one can find Msida, Ta' Xbiex, Gzira, Marsaxlokk, Gudja, Zebbug (Gozo), Paola, Mellieha, Ghajnsielem, Birzebbugia, Pieta, Birgu and Bormla.

All the other Councils host a lower than national rate, albeit none have a Zero RISC.

Council
SAN GILJAN
MDINA
VALLETTA
FLORIANA
SLEIMA
SAN PAWL IL-BAHAR
MARSA
MSIDA
TA' XBIEX
GZIRA
MARSAXLOKK
GUDJA
ZEBBUG (Ghawdex)
PAOLA
MELIEHA
GHAINSELEM
BIRZEBBUGIA
PIETA
BIRGU
BORMLA
GHASRI
HAMRUN
LUQA
MUNXAR
XGHAJRA
RABAT (Malta)
PEMBROKE
MARSASCALA
QORMI
ISLA
SANTA VENERA
KALKARA
SAN LAWRENZ
SWIEQI
RABAT (Victoria)
ZEJTUN
KIRKOP
MOSTA
BIRKIRKARA
MGARR
NAXXAR
GHARB
GHARGHUR
ZABBAR
SAN GWANN
FGURA
ATTARD
SAFI
QRENDI
TARXEN
ZURRIEQ
ZEBBUG (Malta)
MTARFA
IKLIN
GHAXAQ
XAGHRA
BALZAN
SANTA LUCIA
XEWKJA
MQABBA
LJA
SIGGIEWI
NADUR
QALA
DINGLI
SANNAT
FONTANA
KERCEM

Theft from Residences

Whilst this category of offences registered no councils having over 5 times the national rate of offences, in 2016, the relative RISC still appears for those towns experiencing the phenomenon. Marsa, San Pawl il-Bahar, Msida, Swieqi, Xghajra, San Lawrenz, Ghasri, Zebbug (Gozo) and Pembroke registered within the 2x-5x RISC. In contrast, most other zones have lower than average rates and that Gharghur and Fontana registered zero residential offences in 2016.

Theft of and from Vehicles

During 2016, San Giljan took top spot, followed by Marsa, Xghajra and Floriana as the highest RISC areas where one's car could be vandalised, broken into and/or stolen, which towns host between 2 and 5 times. Note that these towns host the largest parking and transport-related activities that attract offenders to high-volume and relatively less monitored opportunities. At the other end of the scale, Kerzem, Sannat and Gharb registered zero vehicle-related offences.

Domestic Violence

Domestic violence reports pertain to stalking, slight bodily harm, grievous bodily harm and psychological harm. Ghasri, Xghajra and Bormla host between 2 and 5 the national rate as against the 2015 high-rates Birzebbugia, San Pawl il-Bahar and Floriana. With diminishing rates of RISC, it is imperative to note that a significant number of councils exhibit some form of domestic violence that is above the national rate (yellow in the RISC maps depicted in the CrimeMalta website) at 1-2 times the rate. In effect all towns have incident reporting but may register lower than national rates.

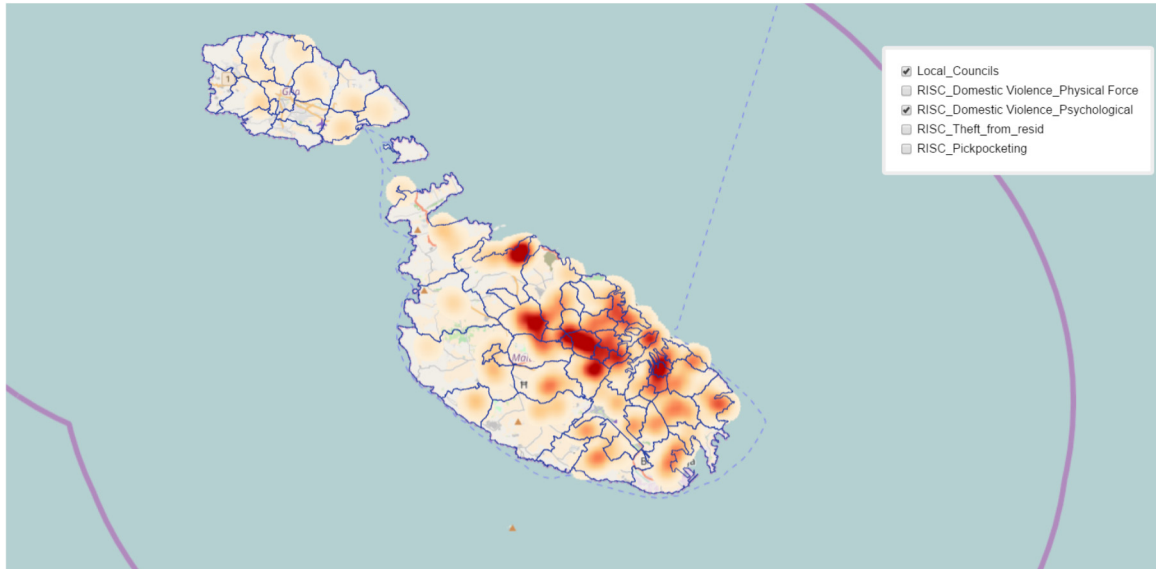
At the other end of the scale, Mdina and San Lawrenz registered zero offences, a phenomenon also found in rural and small areas where the changes in legislation may yet have an effect in terms of encouraging victims to report.

Commercial Activity-related

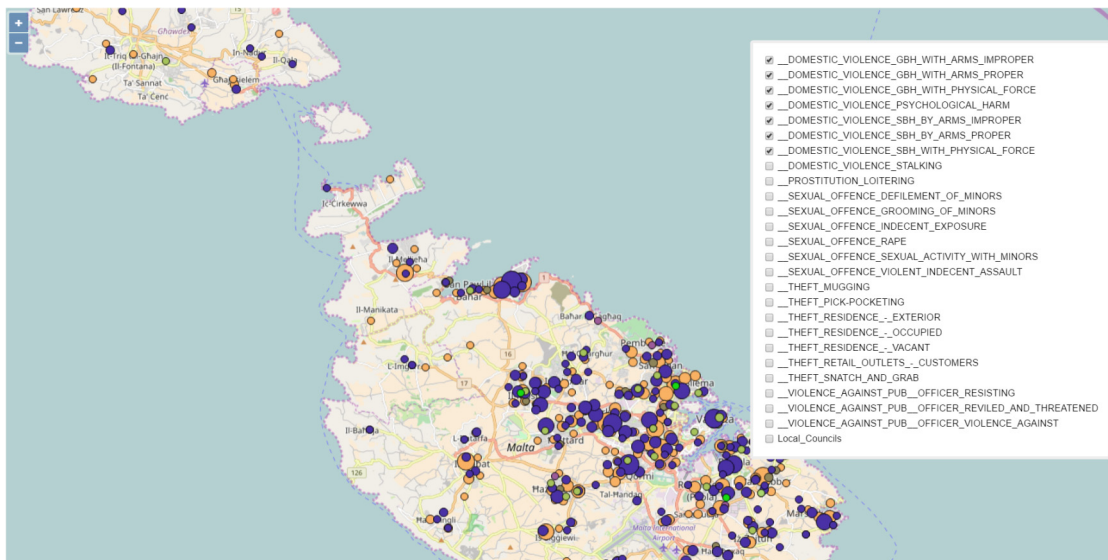
San Giljan hosted the highest RISC rates, which at the top of the League, host over 5 times the national rate of offences. Pembroke, Gudja and San Pawl il-Bahar was registered at second place hosting between 2 and 5 times the national rate of offences, indicative of their proximity to the main economic centres such as the San Giljan recreational zone and the Gudja airport. The least RISC registering towns at zero RISC include Kirkop, Ghasri, Nadur, Sannat, Fontana and Gharb.

Section 3: Sample Imagery

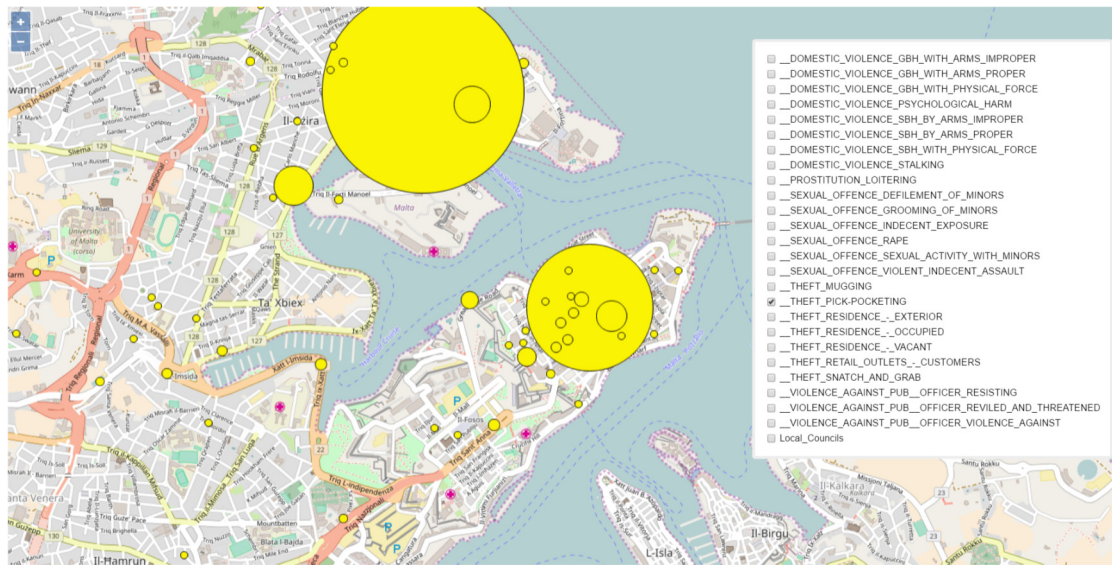
National Heat Map – Domestic Violence – Psychological Harm



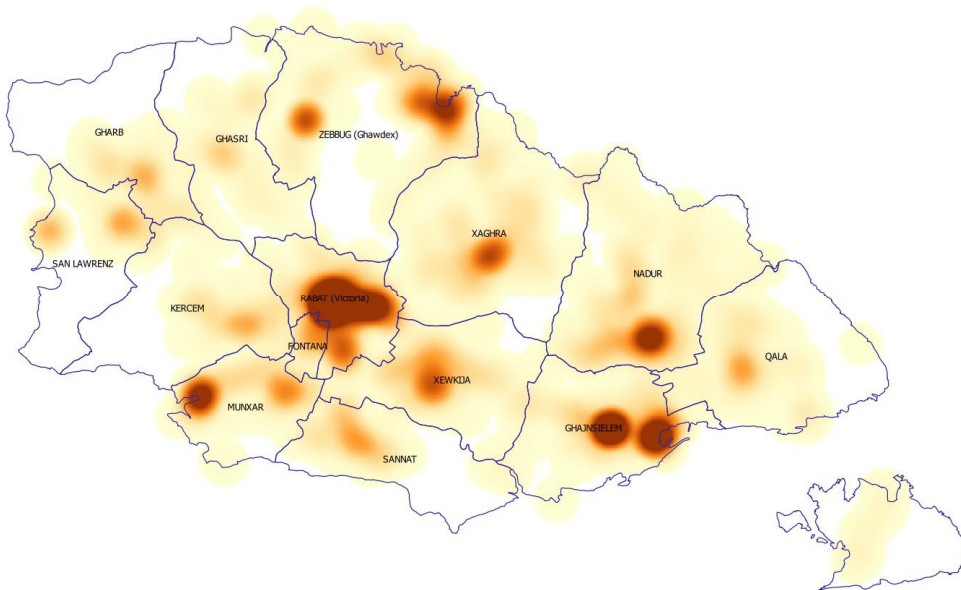
National Domestic Violence Interactive Cluster Map



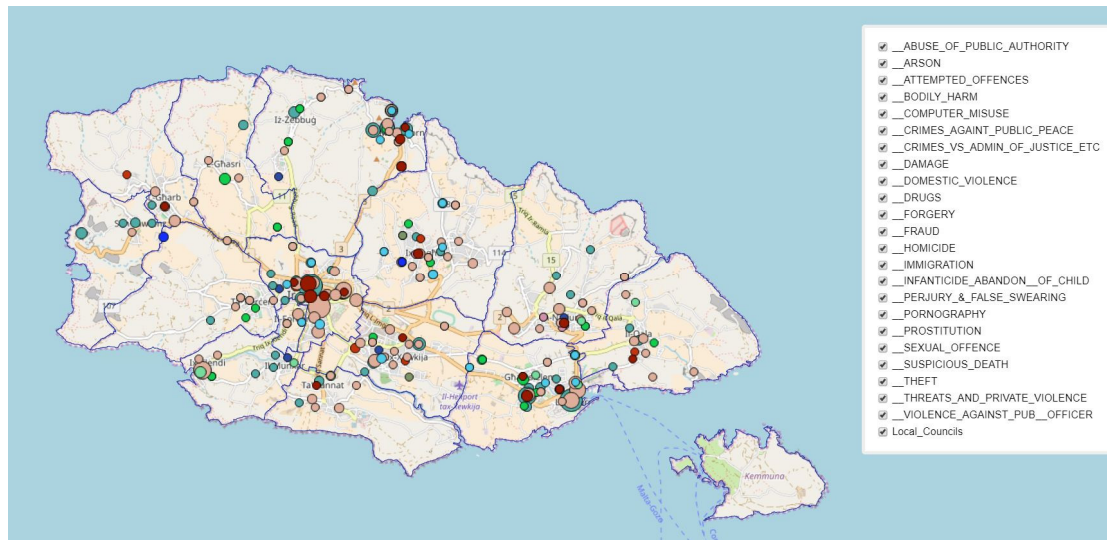
National Pick-Pocketing Interactive Cluster Map



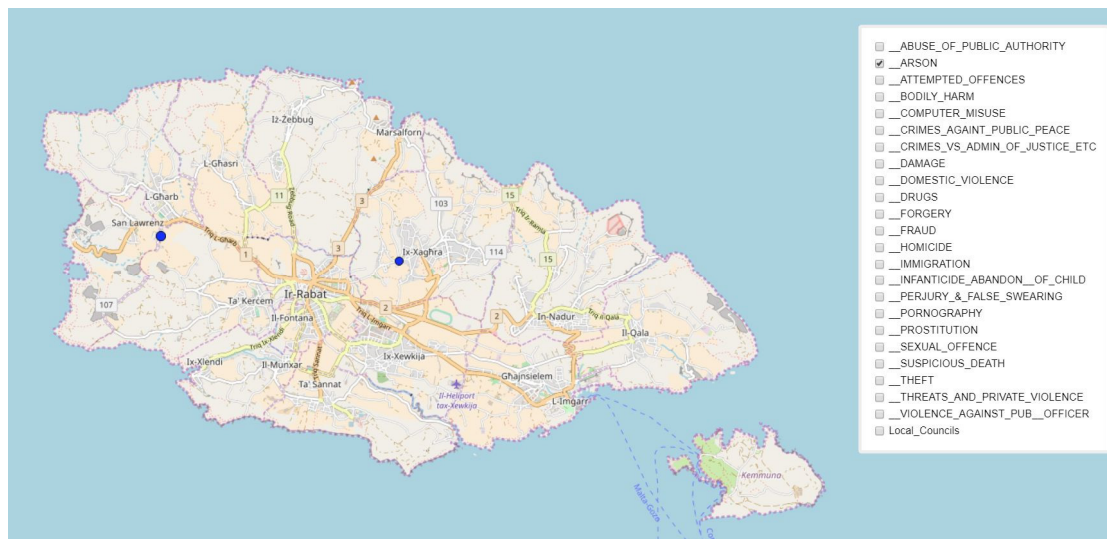
Gozo Heat Map – Grand Total Crime



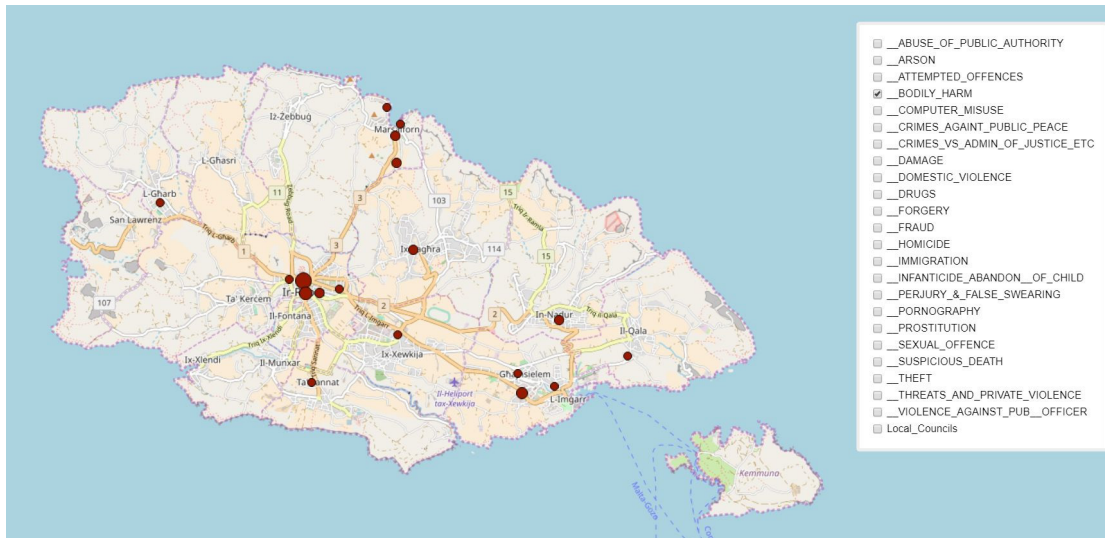
Gozo Main Crime Categories – Grand Total



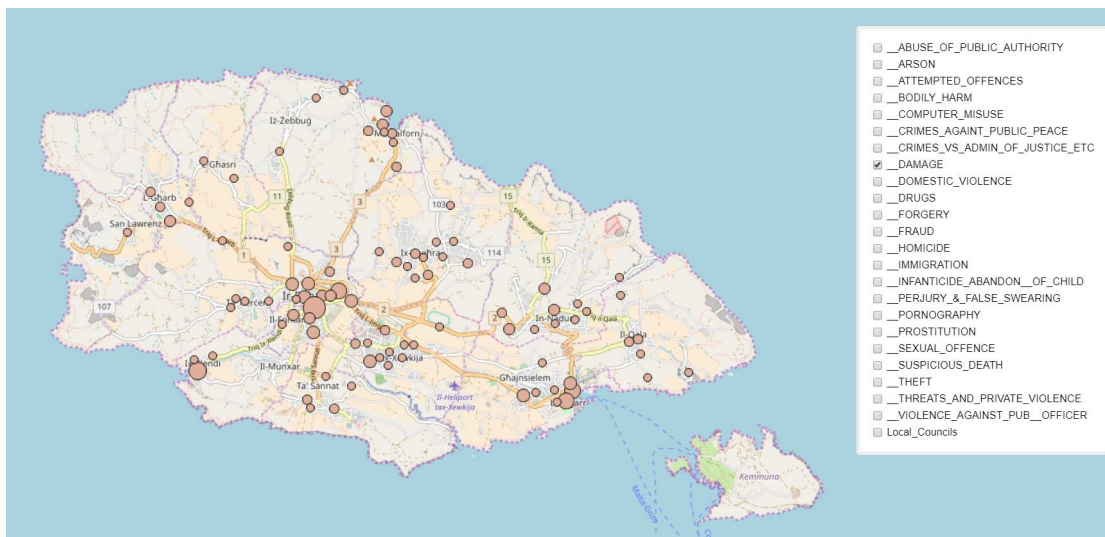
Gozo Main Crime Categories: Arson



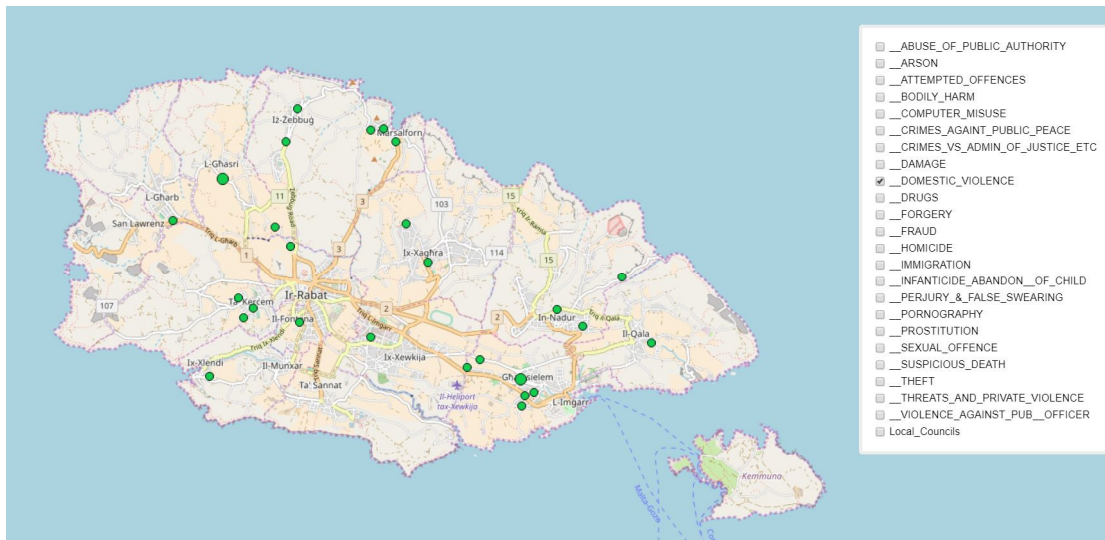
Gozo Main Crime Categories – Bodily Harm



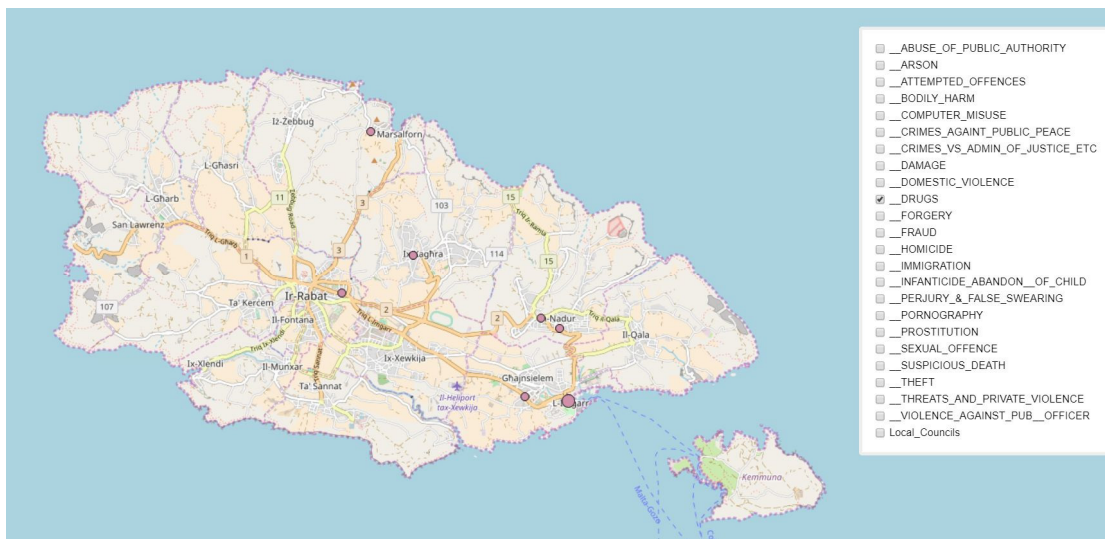
Gozo Main Crime Categories: Damages



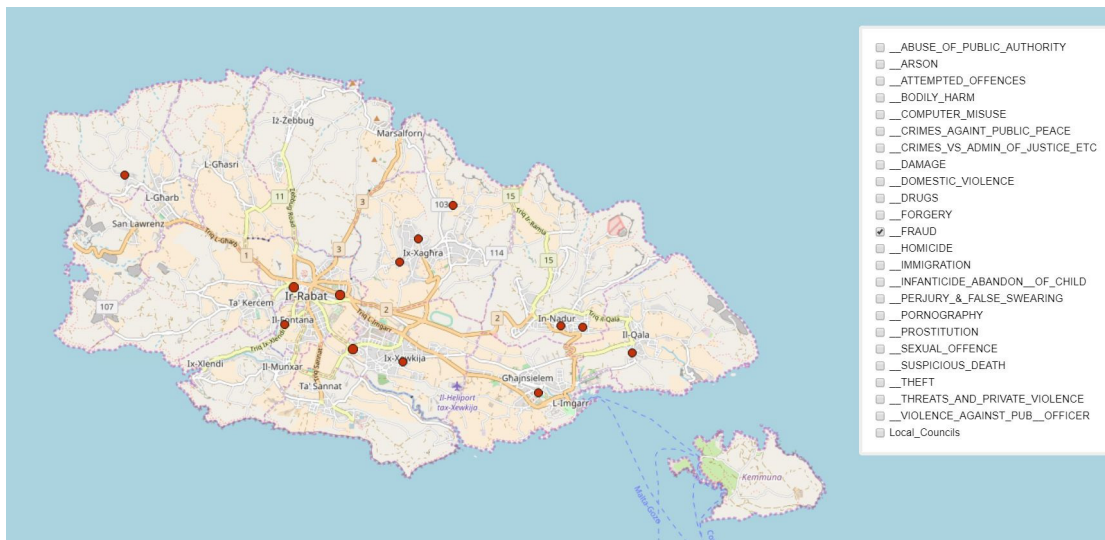
Gozo Main Crime Categories – Domestic Violence



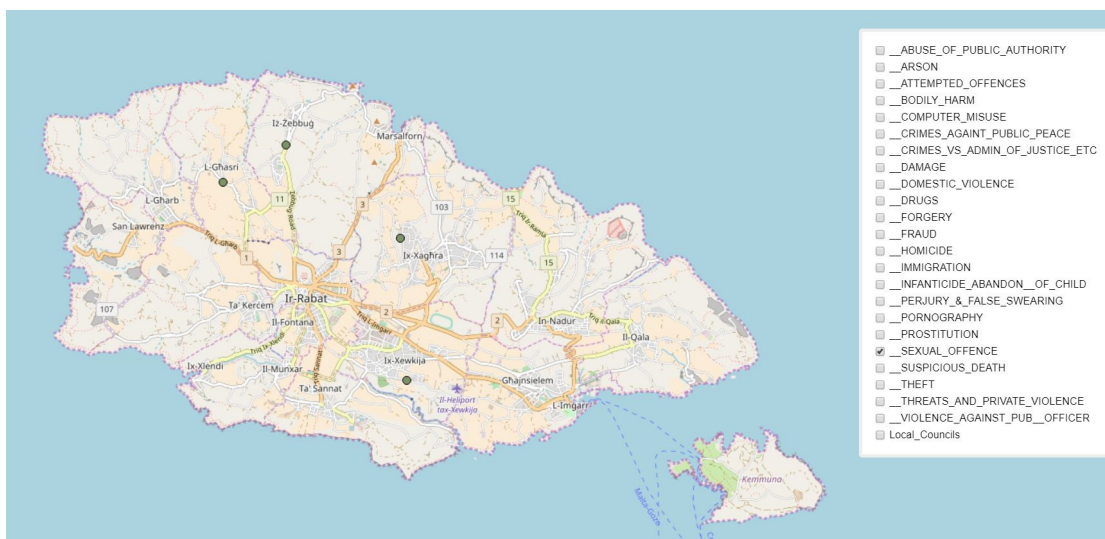
Gozo Main Crime Categories: Drugs



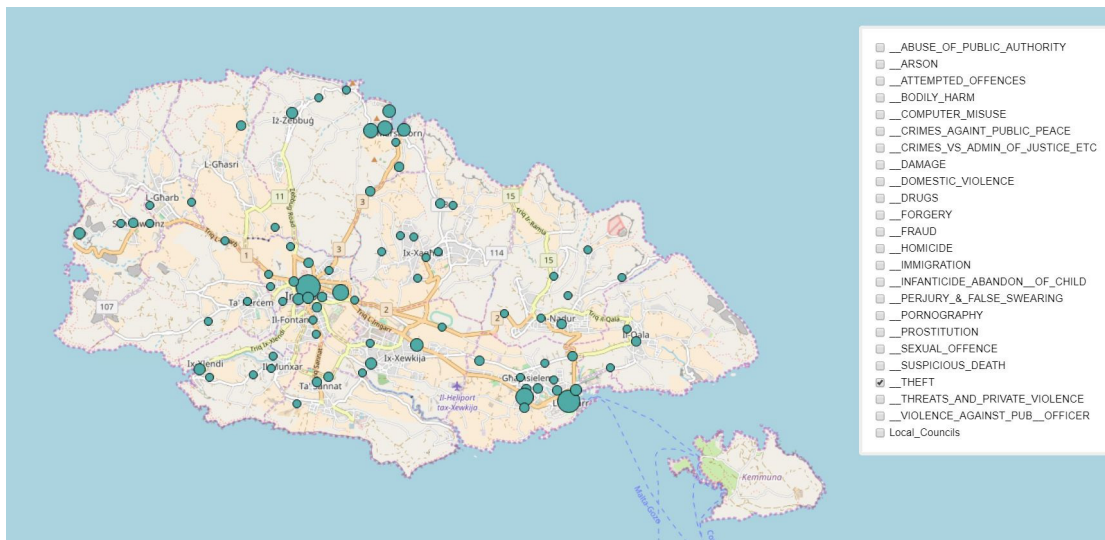
Gozo Main Crime Categories – Fraud



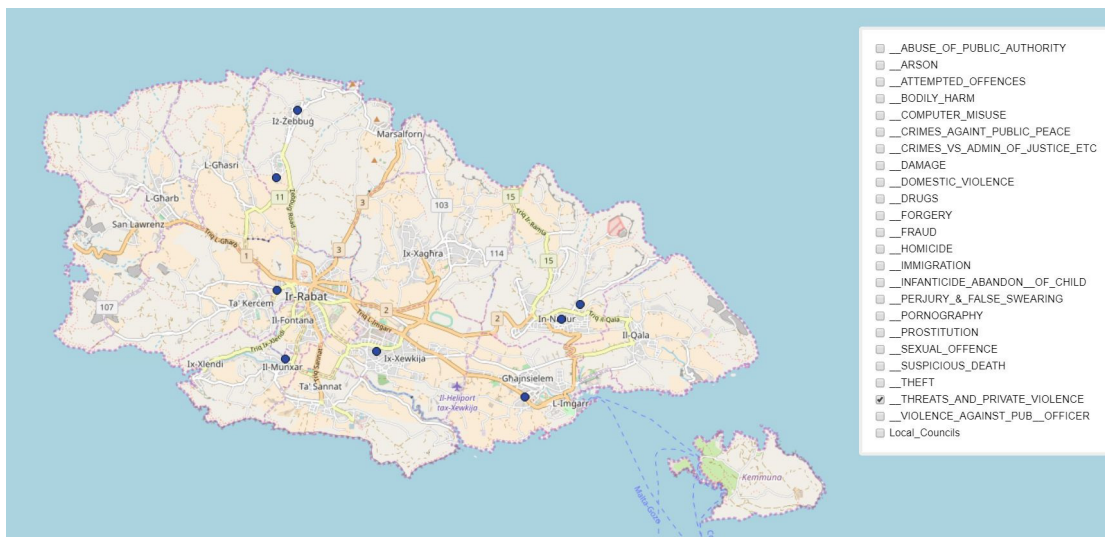
Gozo Main Crime Categories: Sexual Offences



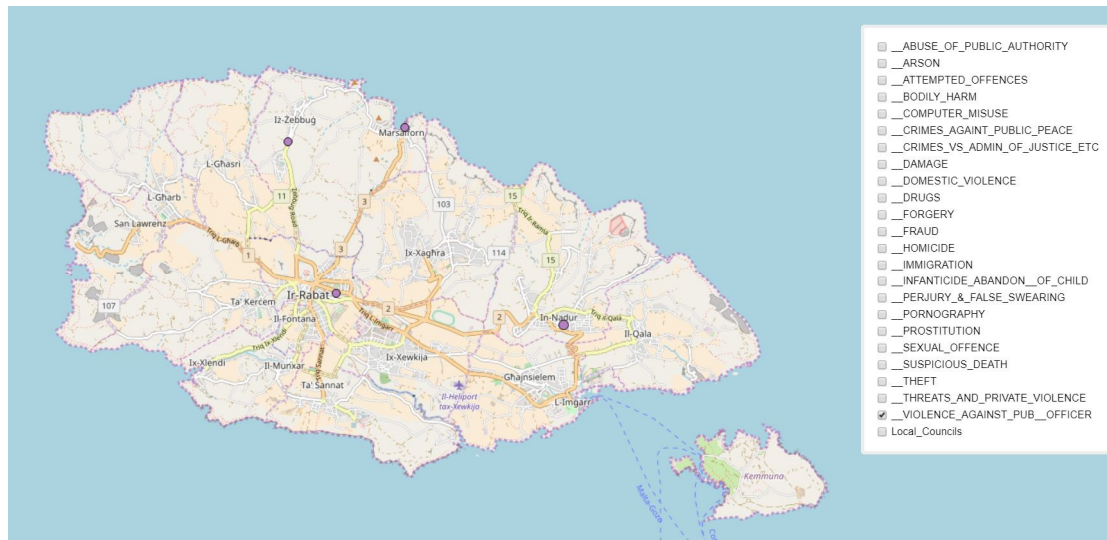
Gozo Main Crime Categories – Theft



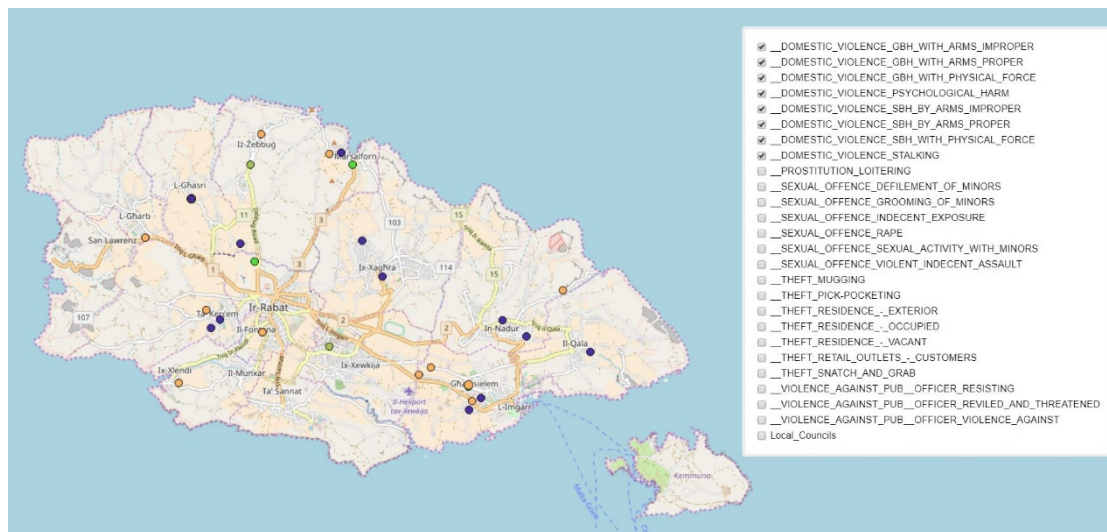
Gozo Main Crime Categories: Threats



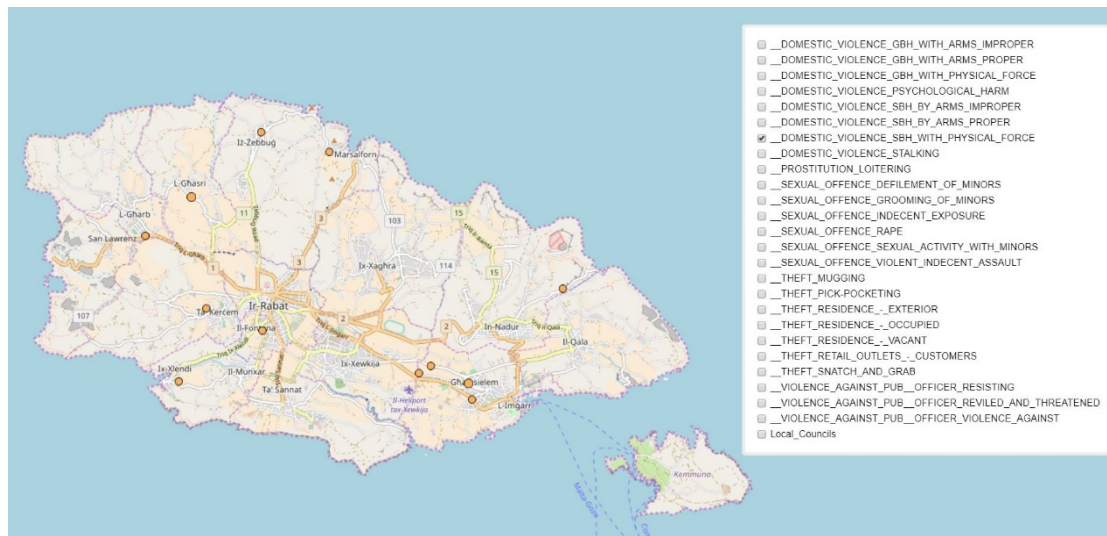
Gozo Main Crime Categories – Violence against Public Officer



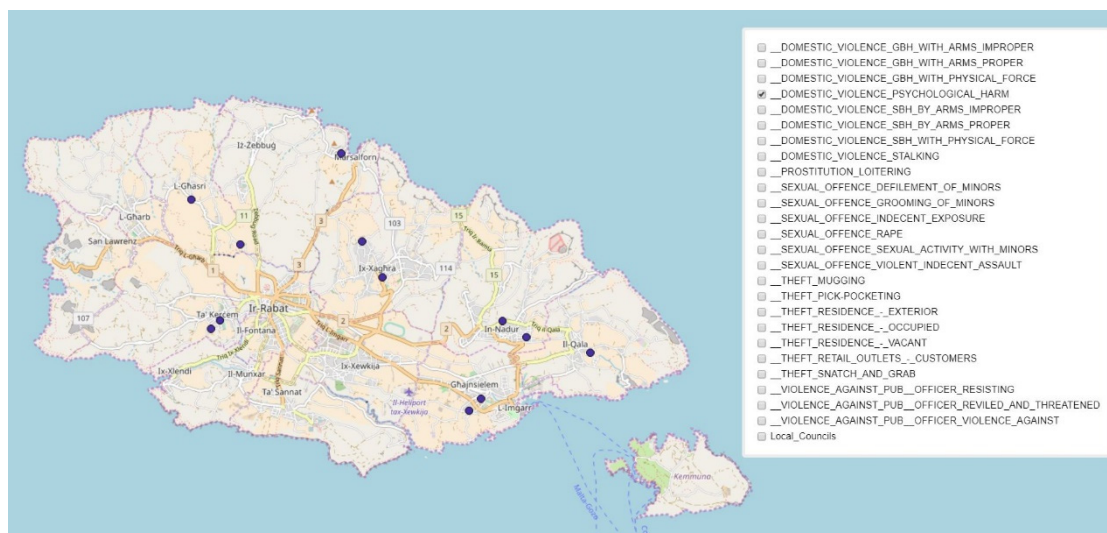
Gozo Crime Sub-Categories: Domestic Violence All Reported Offences



Gozo Crime Sub-Categories: Domestic Violence – Slight Bodily Harm



Gozo Crime Sub-Categories: Domestic Violence – Psychological Harm



Professor Saviour Formosa

Department of Criminology
Faculty for Social Wellbeing
University of Malta
saviour.formosa@um.edu.mt

Profile: <https://www.um.edu.mt/profile/saviourformosa>

ResearchGate: https://www.researchgate.net/profile/Saviour_Formosa

CrimeMalta: www.crimemalta.com
info@crimemalta.com

08 January 2018

REFERENCE MAPS:

Main site: <http://www.crimemalta.com>

Main Crime Categories Interactive Map: <http://crimemalta.com/qgis2016/main>

Main Crime Sub Categories Interactive Map: <http://crimemalta.com/qgis2016/subselected>

RISC Map: <http://crimemalta.com/qgis2016/risc>