

Jamaica Injury Surveillance System, Research Department, Ministry of Health,

Report for Period January – December 2005

During the period January – December 2005, 37,307 visits for injuries were recorded in the Accident & Emergency (A&E) department of 9 government hospitals namely *Cornwall Regional, Kingston Public, Sav-La-Mar, May-Pen, Mandeville, Bustamante Children's, St. Ann's Bay, Annotto Bay and Spanish Town Hospitals*. The JISS captures more detailed information on injuries from the A&E departments of 9 of the 11 computerized government hospitals across the island. These injuries are broken down by codes (indicating whether injuries were accidental, violence-related, suicide or motor-vehicle related) surname, date of birth, age, address, statin code, registration date and disposition. Of the JISS total 16088 (43%) were unintentional injuries, 14464 (39%) violence related injuries, 6755 (18%) motor vehicle accidents.

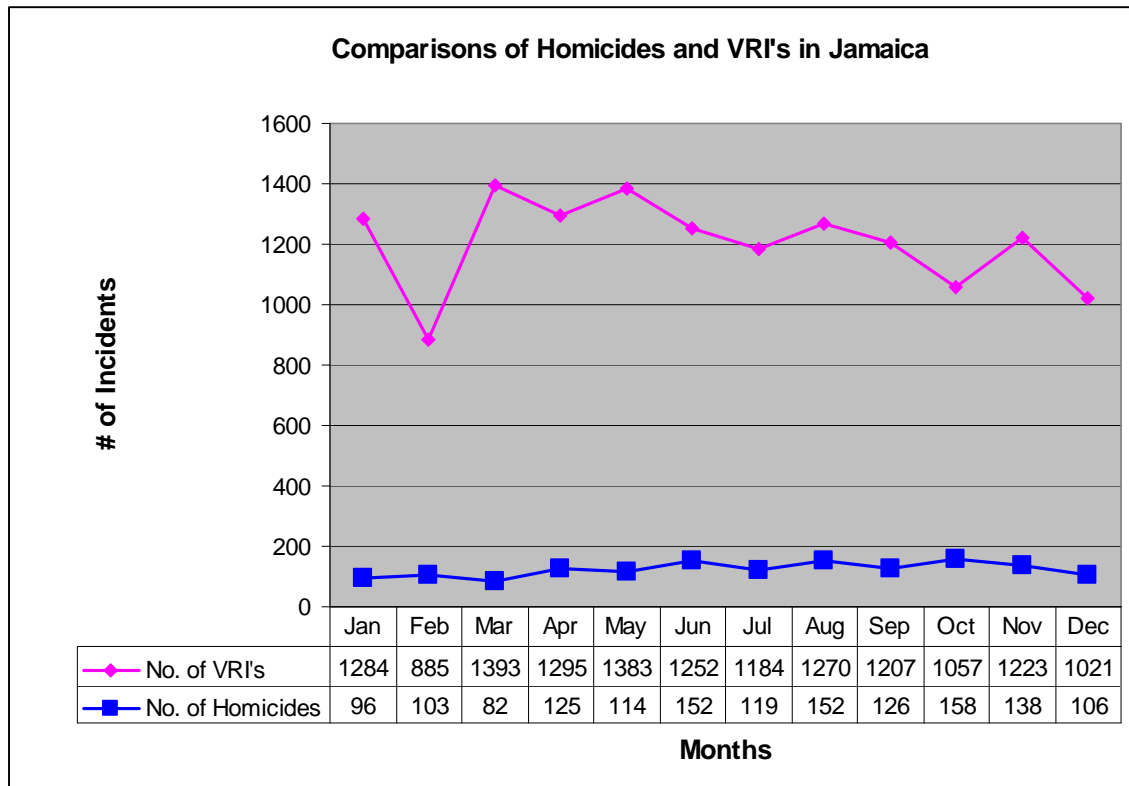


Figure 1: Homicides Incidents in Jamaica as well as VRI's recorded at 9 Hospital island wide

Source: Police Statistical Department

UNINTENTIONAL INJURIES

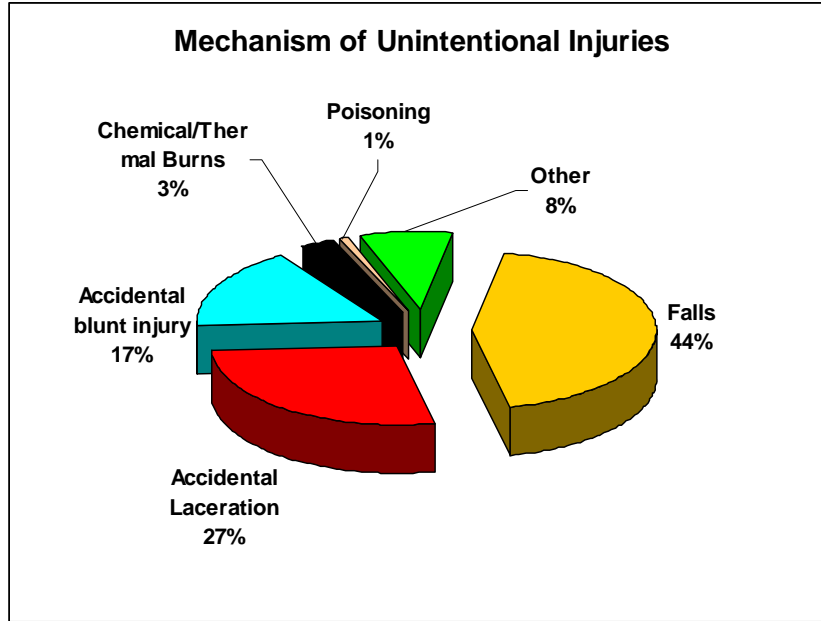


Figure 2: Distribution of Mechanisms of Unintentional Injuries

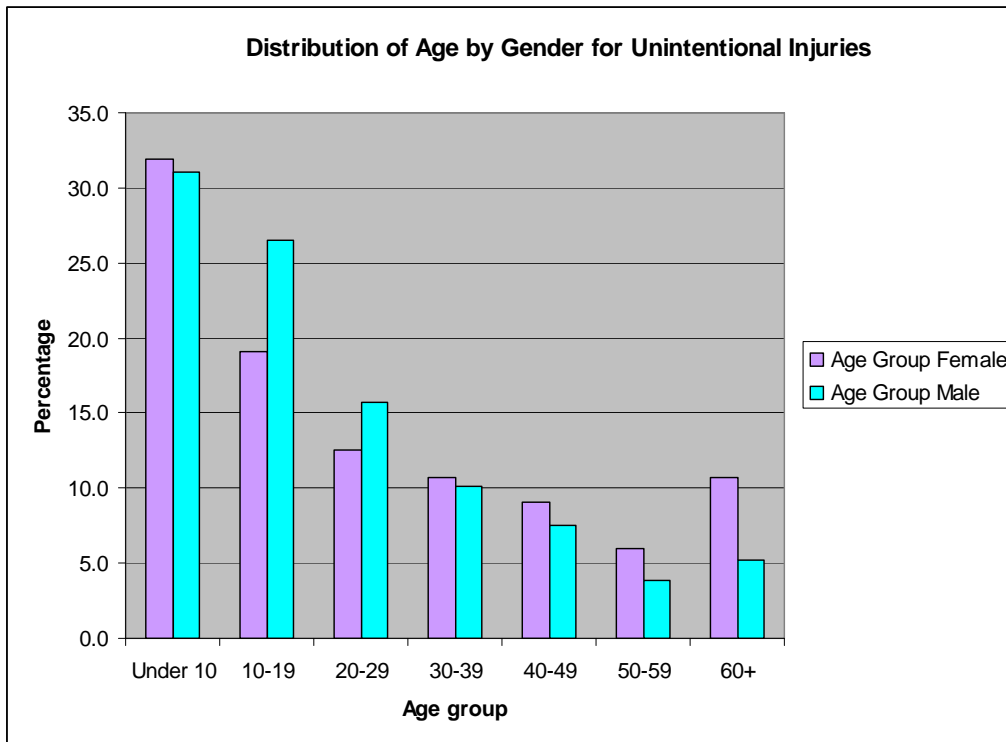


Figure 3: Distribution of Age by Gender for Unintentional Injurie

VIOLENCE RELATED INJURIES

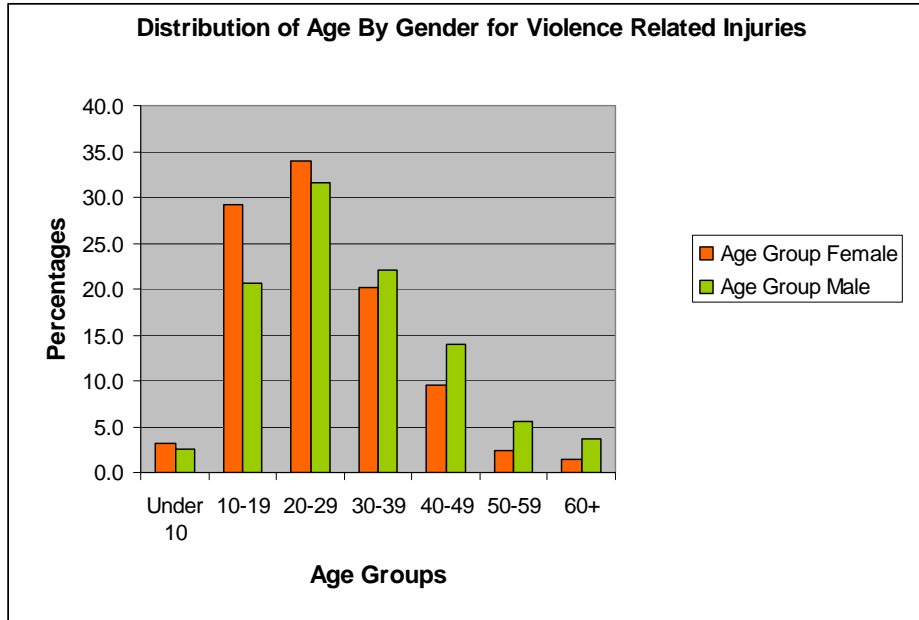


Figure 4: Distribution of Age by Gender for Violence Related Injuries

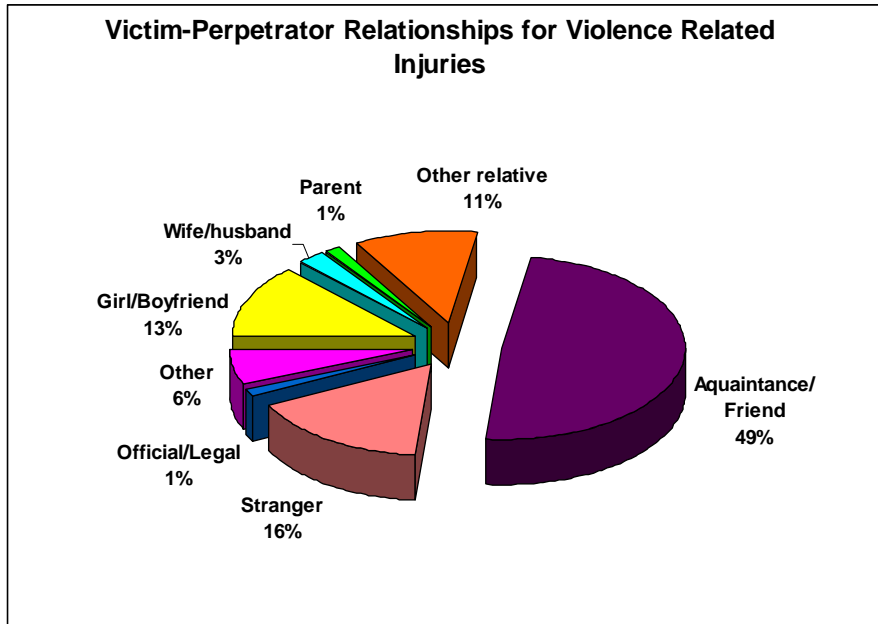


Figure 5: Distribution of Victim-Perpetrator Relationships for VRI's

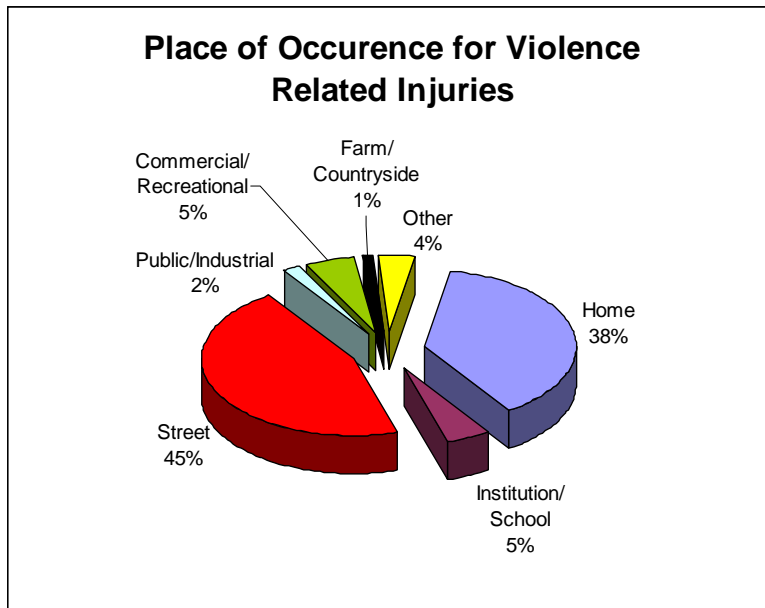


Figure 6: Distribution of Place of Occurrence for VRI's

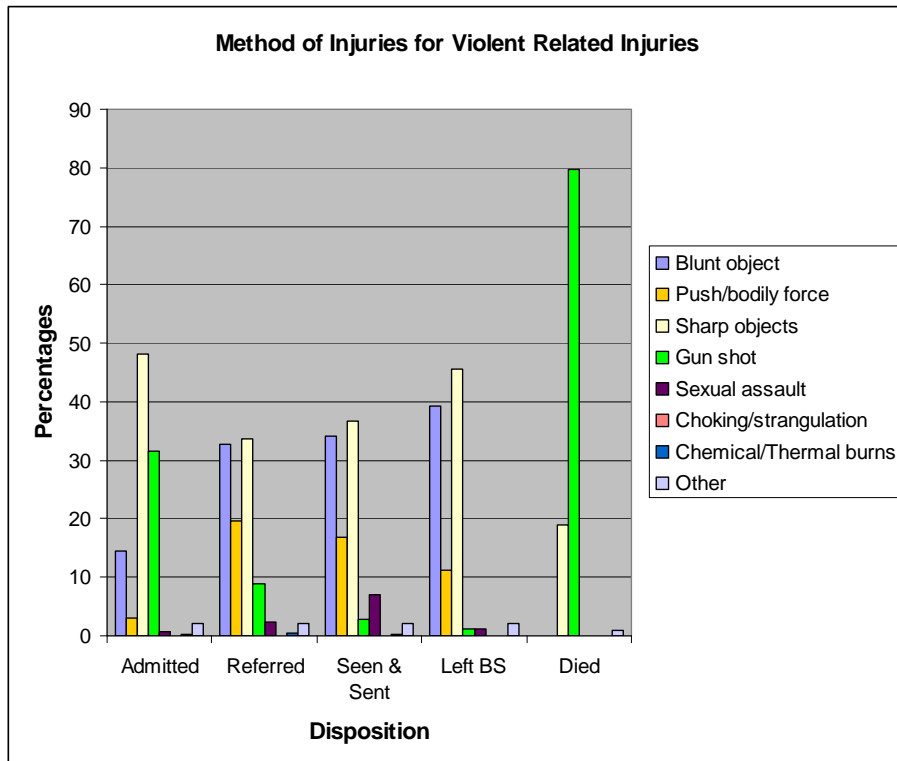


Figure 7: Distribution of Methods of Injury by Disposition for VRI'

MOTOR VEHICLE ACCIDENTS

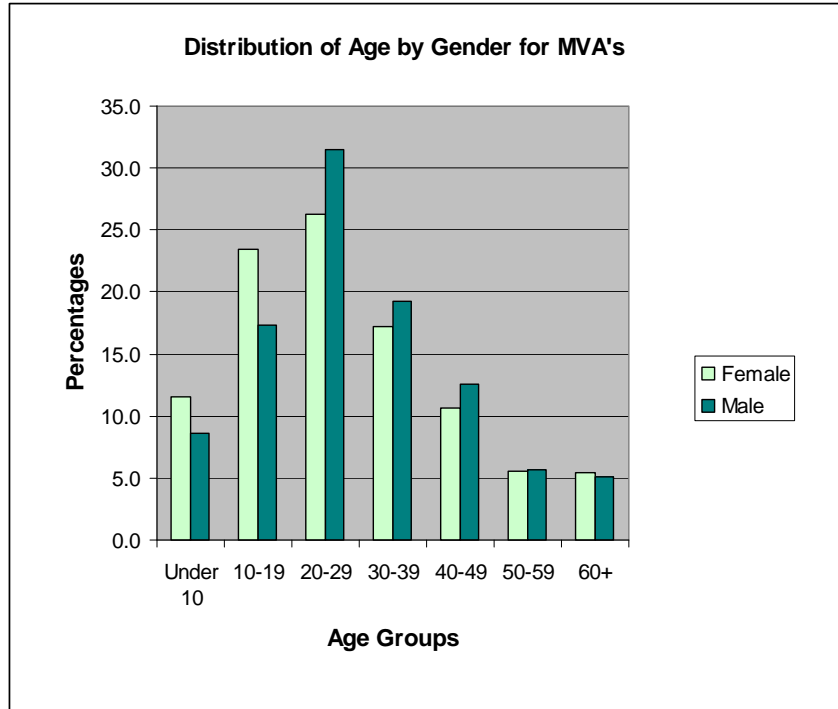


Figure 8: Distribution of Age by Gender for MVA's

Mode of Travel	Disposition											
	Admitted		Referred		Seen & Sent Home		Left Before Seen		Died in Casualty		Total	
	n	%	n	%	n	%	n	%	n	%	n	%
Pedestrian	177	18.2	70	17.4	601	13.3	26	17.3	3	21.4	877	14.5
Bicycle	93	9.6	50	12.4	425	9.4	19	12.7	0	0.0	587	9.7
Motorbike	159	16.4	51	12.7	366	8.1	18	12.0	0	0.0	594	9.8
Car	352	36.3	159	39.5	2214	48.9	55	36.7	4	28.6	2784	45.9
Pick-up/Van	61	6.3	29	7.2	379	8.4	14	9.3	2	14.3	485	8.0
Heavy vehicle	20	2.1	8	2.0	96	2.1	2	1.3	1	7.1	127	2.1
Bus	77	7.9	27	6.7	352	7.8	15	10.0	3	21.4	474	7.8
Other motor vehicle	0	0.0	1	0.2	4	0.1	0	0.0	0	0.0	5	0.1
Taxi	0	0.0	1	0.2	29	0.6	0	0.0	0	0.0	30	0.5
Other	7	0.7	3	0.7	22	0.5	0	0.0	0	0.0	32	0.5
Unknown	25	2.6	4	1.0	37	0.8	1	0.7	1	7.1	68	1.1
Total	971		403		4525		150		14		6063	

Table 1: Disposition of Mode of Travel by Disposition

Mode Of Travel	Safety gear							
	Yes		No		Unknown		Total	
	n	%	n	%	n	%	n	%
Pedestrian	3	0.4	398	17.4	362	14.8	763	14.0
Bicycle	1	0.1	293	12.8	230	9.4	524	9.6
Motorbike	68	9.6	172	7.5	285	11.6	525	9.6
Car	512	72.5	935	40.8	1057	43.1	2504	46.0
Pick-up/Van	71	10.1	190	8.3	199	8.1	460	8.4
Heavy vehicle	17	2.4	53	2.3	39	1.6	109	2.0
Bus	22	3.1	207	9.0	201	8.2	430	7.9
Other motor vehicle	0	0.0	3	0.1	2	0.1	5	0.1
Taxi	8	1.1	23	1.0	4	0.2	35	0.6
Other	2	0.3	17	0.7	9	0.4	28	0.5
Unknown	2	0.3	2	0.1	62	2.5	66	1.2
Total	706		2293		2450		5449	

Table 2: Disposition of Mode of Travel by Safety Gear

**Data collected does not specify whether the safety gears worn were seat belts or helmets

Age Group	Mode of Travel																	
	Pedestria		Bicycle		Motorbike		Car		Pick-up/Van & heavy Vehicle		Bus		Other Motor Vehicle		Unknow		Total	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Under 10	178	19.6	64	10.5	16	2.6	241	8.5	64	10.2	28	5.9	10	13.7	3	4.3	604	9.7

10-19	219	24. 1	209	34. 3	74	12. 1	467	16.4	100	15.9	124	26.1	16	21.9	1	15.7	1220	19.6
20-29	163	17. 9	120	19. 7	250	40. 8	955	33.6	178	28.3	129	27.1	13	17.8	2	35.7	1833	29.5
30-39	99	10. 9	84	13. 8	169	27. 6	566	19.9	118	18.8	93	19.5	10	13.7	1	15.7	1150	18.5
40-49	88	9.7	66	10. 8	65	10. 6	346	12.2	93	14.8	56	11.8	13	17.8	1	17.1	739	11.9
50-59	58	6.4	33	5.4	21	3.4	157	5.5	40	6.4	30	6.3	7	9.6	4	5.7	350	5.6
60+	105	11. 5	33	5.4	18	2.9	113	4.0	35	5.6	16	3.4	4	5.5	4	5.7	328	5.3
Total	910		609		613		2845		628		476		73		7 0		6224	

Table 3: Distribution of Age by Mode of Travel for MVA'