

Women's attitudes towards intimate partner violence in Guyana: A population-based study

Supplementary materials

Supplementary Table 1: Prevalence of women's attitudes justifying IPV against women in Guyana (Year=2009)

Level	Description N(%)	If she goes out without telling him N (%)	p-value	If she neglects the children N (%)	p-value	If she argues with him N (%)	p-value	If she refuses sex with him N (%)	p-value	If she burns the food N (%)	p-value	For any of these five reasons N (%)	p-value
Area of residence			<0.001		<0.001		<0.001		<0.001		<0.001		<0.001
Urban	1475 (29.5)	25 (1.7)		89 (6.0)		34 (2.3)		18 (1.2)		19 (1.3)		124 (8.4)	
Rural	3521 (70.5)	261 (7.4)		493 (14.0)		299 (8.5)		208 (5.9)		155 (4.4)		690 (19.6)	
Location			<0.001		0.001				<0.001		<0.001		<0.001
Coastal	4495 (90.0)	243 (5.4)		517 (11.5)		274 (6.1)		180 (4.0)		144 (3.2)		710 (15.8)	
Interior	501 (10.0)	44 (8.7)		68 (13.6)		57 (11.3)		38 (7.6)		31 (6.1)		104 (20.7)	
Region			<0.001		<0.001		<0.001		<0.001		<0.001		<0.001
Region 1	162 (3.2)	15 (9.4)		26 (16.3)		19 (11.5)		11 (7.0)		14 (8.6)		36 (22.3)	
Region 2	293 (5.9)	21 (7.1)		38 (12.8)		23 (7.7)		17 (5.9)		10 (3.3)		56 (19.1)	
Region 3	687 (13.8)	54 (7.9)		120 (17.4)		58 (8.5)		33 (4.8)		41 (5.9)		152 (22.1)	
Region 4	2167 (43.4)	46 (2.1)		180 (8.3)		56 (2.6)		33 (1.5)		39 (1.8)		217 (10.0)	
Region 5	353 (7.1)	21 (6.0)		33 (9.4)		34 (9.5)		18 (5.2)		11 (3.0)		62 (17.7)	
Region 6	780 (15.6)	93 (11.9)		131 (16.8)		97 (12.4)		73 (9.4)		44 (5.6)		199 (25.5)	
Region 7	104 (2.1)	6 (5.8)		12 (11.4)		15 (14.1)		10 (9.9)		5 (4.9)		20 (19.5)	
Region 8	95 (1.9)	13 (13.2)		13 (13.4)		11 (11.0)		6 (6.5)		4 (4.6)		21 (21.7)	

Region 9	78 (1.6)	6 (8.0)	13 (16.6)	10 (13.2)	9 (11.3)	7 (8.6)	20 (25.0)	
Region 10	277 (5.5)	12 (4.4)	18 (6.4)	11 (4.1)	6 (2.3)	1 (0.4)	33 (11.9)	
Woman age			0.007	0.633	0.368	0.004	0.865	0.272
15-19	1016 (20.3)	50 (4.9)	127 (12.5)	60 (5.9)	36 (3.5)	38 (3.7)	180 (17.7)	
20-24	767 (15.4)	40 (5.2)	83 (10.8)	50 (6.5)	25 (3.2)	21 (2.8)	114 (14.9)	
25-29	658 (13.2)	52 (7.9)	74 (11.3)	50 (7.6)	39 (6.0)	25 (3.8)	107 (16.3)	
30-34	643 (12.9)	34 (5.3)	72 (11.2)	38 (5.9)	25 (3.9)	24 (3.7)	93 (14.5)	
35-39	699 (14.0)	33 (4.7)	80 (11.4)	53 (7.6)	36 (5.2)	20 (2.9)	108 (15.5)	
40-44	624 (12.5)	47 (7.6)	76 (12.2)	47 (7.5)	39 (6.2)	24 (3.8)	111 (17.8)	
45-49	589 (11.8)	31 (5.3)	72 (12.2)	35 (5.9)	19 (3.2)	22 (3.8)	98 (16.6)	
Sex of household head			<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Male	3322 (66.5)	249 (7.5)	472 (14.2)	282 (8.5)	186 (5.6)	143 (4.3)	664 (20.0)	
Female	1674 (33.5)	72 (4.3)	142 (8.5)	69 (4.1)	47 (2.8)	39 (2.3)	204 (12.2)	
Marital/Union status			0.001	0.001	<0.001	0.001	0.144	0.003
Currently married/in union	2920 (58.4)	213 (7.3)	388 (13.3)	245 (8.4)	161 (5.5)	120 (4.1)	537 (18.4)	
Formerly married/in union	536 (10.7)	19 (3.5)	55 (10.3)	23 (4.3)	16 (3.0)	11 (2.0)	69 (12.9)	
Never married/in union	1540 (30.8)	55 (3.6)	140 (9.1)	49 (3.2)	40 (2.6)	43 (2.8)	206 (13.4)	
Woman education			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
None	68 (1.4)	8 (11.4)	7 (10.4)	5 (7.6)	3 (3.8)	4 (5.6)	10 (15.4)	
Primary	952 (19.1)	110 (11.6)	174 (18.3)	108 (11.3)	69 (7.2)	61 (6.4)	249 (26.2)	
Secondary+	3977 (79.6)	199 (5.0)	509 (12.8)	278 (7.0)	171 (4.3)	123 (3.1)	672 (16.9)	
Wealth index quintile			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

Poorest	779 (15.6)	80 (10.2)	126 (16.2)	89 (11.4)	116 (8.0)	62 (7.2)	190 (24.4)	
Second	957 (19.2)	94 (9.8)	142 (14.8)	95 (9.9)	57 (5.8)	56 (4.7)	203 (21.2)	
Middle	1025 (20.5)	64 (6.2)	133 (13.0)	67 (6.5)	42 (4.2)	43 (2.6)	179 (17.5)	
Fourth	1084 (21.7)	35 (3.2)	111 (10.2)	49 (4.5)	34 (3.3)	36 (2.5)	143 (13.2)	
Richest	1151 (23.0)	15 (1.3)	70 (6.1)	35 (3.0)	15 (1.7)	20 (1.7)	98 (8.5)	
Frequency of reading newspaper or magazine			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Almost every day	1647 (30.6)	38 (2.4)	121 (8.5)	55 (3.8)	33 (2.3)	18 (1.2)	158 (11.1)	
At least once a week	1853 (38.6)	83 (4.6)	214 (11.8)	115 (6.4)	69 (3.9)	54 (3.0)	297 (16.6)	
Less than once a week	709 (14.8)	46 (6.6)	80 (11.6)	40 (5.8)	31 (4.7)	30 (4.3)	120 (18.2)	
Not at all	769 (16.0)	88 (11.8)	121 (16.6)	92 (12.5)	60 (8.4)	51 (6.9)	178 (24.8)	
Frequency of watching television			<0.001	0.054	0.025	<0.001	<0.001	0.002
Almost every day	3452 (72.0)	160 (4.7)	371 (11.0)	198 (5.8)	115 (3.4)	91 (2.7)	512 (15.3)	
At least once a week	678 (14.1)	34 (5.2)	77 (11.8)	48 (7.3)	30 (4.6)	19 (2.9)	112 (17.4)	
Less than once a week	218 (4.6)	23 (11.1)	34 (16.9)	19 (9.2)	22 (10.8)	18 (8.7)	46 (23.2)	
Not at all	447 (9.3)	37 (8.8)	54 (13.0)	37 (8.8)	26 (6.4)	25 (6.0)	82 (20.5)	

Supplementary Table 2: Prevalence of women's attitudes justifying IPV against women in Guyana (Year=2014).

Level	Description N(%)	If she goes out without telling him N (%)	p-value	If she neglects the children N (%)	p-value	If she argues with him N (%)	p-value	If she refuses sex with him N (%)	p-value	If she burns the food N (%)	p-value	For any of these five reasons N (%)	p-value
Area of residence			<0.001		<0.001		<0.001		<0.001		<0.001		<0.001
Urban	1387 (27.3)	11 (0.8)		34 (2.5)		11 (0.8)		10 (0.7)		10 (0.7)		39 (2.8)	
Rural	3689 (72.7)	151 (4.1)		351 (9.5)		155 (4.2)		89 (2.4)		103 (2.8)		476 (12.9)	
Location			<0.001		<0.001		<0.001		<0.001		0.049		0.001
Coastal	4442 (87.5)	115 (2.6)		315 (7.1)		120 (2.7)		76 (1.7)		84 (1.9)		418 (9.4)	
Interior	634 (12.5)	46 (7.2)		70 (11.0)		44 (7.0)		25 (4.0)		25 (3.9)		99 (15.6)	
Region			<0.001		<0.001		<0.001		<0.001		<0.001		<0.001
Region 1	75 (1.5)	5 (6.0)		7 (9.3)		6 (8.2)		2 (2.7)		3 (4.6)		11 (14.8)	
Region 2	253 (5.0)	23 (8.9)		42 (16.5)		20 (7.8)		11 (4.5)		8 (3.3)		51 (20.1)	
Region 3	883 (17.4)	28 (3.2)		75 (8.5)		32 (3.6)		22 (2.5)		30 (3.4)		113 (12.8)	
Region 4	2274 (44.8)	40 (1.8)		134 (5.9)		45 (2.0)		11 (1.0)		23 (1.0)		166 (7.3)	
Region 5	322 (6.3)	17 (5.3)		47 (14.6)		15 (4.8)		12 (3.3)		16 (5.1)		66 (20.5)	
Region 6	767 (15.1)	20 (2.6)		34 (4.4)		20 (2.6)		3 (1.6)		14 (1.8)		44 (5.7)	
Region 7	81 (1.6)	3 (3.9)		6 (7.4)		3 (3.4)		9 (3.7)		2 (1.4)		9 (11.1)	
Region 8	47 (0.9)	4 (8.3)		8 (17.1)		6 (13.6)		3 (6.5)		2 (3.7)		12 (26.3)	
Region 9	123 (2.4)	19 (15.7)		20 (16.6)		20 (16.6)		13 (10.7)		13 (10.5)		34 (27.4)	
Region 10	251 (4.9)	2 (0.8)		10 (4.0)		1 (0.4)		1 (0.4)		1 (0.4)		11 (4.2)	
Woman age			0.048		0.351		0.003		0.036		0.002		0.076
15-19	1025	34 (3.3)		75 (7.3)		33 (3.2)		15 (1.5)		35 (3.4)		104 (10.1)	
20-24	843	19 (2.2)		62 (7.3)		26 (3.1)		17 (2.0)		17 (2.0)		84 (10.0)	
25-29	718	19 (2.6)		52 (7.2)		14 (2.0)		9 (1.3)		7 (1.0)		63 (8.8)	
30-34	594	20 (3.3)		48 (8.0)		17 (2.8)		10 (1.7)		6 (1.0)		59 (10.0)	
35-39	648	22 (3.4)		38 (5.9)		21 (3.3)		12 (1.8)		14 (2.1)		60 (9.2)	
40-44	673	22 (3.2)		50 (7.4)		23 (3.4)		17 (2.6)		17 (2.6)		63 (9.4)	
45-49	575	28 (4.9)		60 (10.5)		35 (5.7)		18 (3.2)		15 (2.6)		78 (13.6)	

Sex of household head			0.003	0.102	<0.001	0.052	0.118	0.006
Male	3330 (65.6)	127 (3.8)	270 (8.1)	137 (4.1)	77 (2.3)	80 (2.4)	376 (11.3)	
Female	1747 (34.4)	40 (2.3)	121 (6.9)	31 (1.8)	26 (1.5)	31 (1.8)	154 (8.8)	
Marital/Union status			0.001	0.036	0.061	0.535	0.436	0.001
Currently married/in union	3450 (70)	128 (3.7)	293 (8.5)	128 (3.7)	76 (2.2)	69 (2.0)	383 (11.1)	
Formerly married/in union	498 (9.8)	13 (2.7)	39 (7.8)	11 (2.3)	6 (1.2)	11 (2.3)	49 (9.9)	
Never married/in union	1128 (22.2)	21 (1.9)	50 (4.4)	28 (2.5)	19 (1.7)	29 (2.6)	85 (7.5)	
Woman education			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
None	57 (1.1)	4 (7.3)	11 (18.8)	5 (8.7)	3 (5.2)	2 (4.1)	13 (22.4)	
Primary	683 (13.5)	42 (6.2)	79 (11.6)	48 (7.1)	20 (2.9)	22 (3.2)	108 (15.8)	
Secondary+	4336 (85.4)	139 (3.2)	351 (8.1)	156 (3.6)	95 (2.2)	95 (2.2)	481 (11.1)	
Wealth index quintile			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Poorest	864 (17.0)	75 (8.7)	121 (14.0)	78 (9.0)	36 (4.2)	46 (5.3)	164 (19.0)	
Second	938 (18.5)	29 (3.1)	78 (8.3)	26 (2.8)	19 (2.0)	23 (2.4)	114 (12.2)	
Middle	1007 (19.8)	30 (3.0)	86 (8.5)	30 (3.0)	20 (2.0)	22 (2.2)	106 (10.5)	
Fourth	1132 (22.3)	17 (1.5)	63 (5.6)	14 (1.2)	9 (0.8)	10 (0.9)	75 (6.6)	
Richest	1135 (22.4)	11 (1.0)	36 (3.2)	20 (1.8)	16 (1.4)	10 (0.9)	59 (5.2)	
Frequency of reading newspaper or magazine			<0.001	0.005	<0.001	<0.001	<0.001	<0.001
Almost every day	1553 (32.2)	32 (2.1)	85 (5.5)	24 (1.6)	16 (1.0)	18 (1.2)	102 (6.7)	
At least once a week	1956 (40.5)	36 (2.0)	145 (7.5)	40 (2.1)	31 (1.6)	44 (2.3)	185 (9.7)	
Less than once a week	672 (14.0)	32 (4.8)	62 (9.4)	36 (5.4)	21 (3.1)	11 (1.7)	85 (12.9)	
Not at all	650 (13.5)	41 (6.4)	53 (8.3)	32 (5.0)	20 (3.2)	25 (3.9)	92 (14.7)	
Frequency of watching television			0.004	<0.001	0.001	0.062	0.004	0.003

Almost every day	3704 (74.4)	100 (2.7)	259 (7.1)	98 (2.67)	61 (1.7)	66 (1.8)	348 (9.6)
At least once a week	677 (13.6)	18 (2.7)	49 (7.3)	20 (3.0)	17 (2.6)	12 (1.8)	63 (9.6)
Less than once a week	173 (3.5)	10 (5.8)	12 (7.0)	10 (5.9)	3 (1.7)	7 (4.1)	20 (11.9)
Not at all	422 (8.5)	22 (5.3)	47 (11.3)	24 (5.8)	14 (3.4)	17 (4.1)	63 (15.3)

Supplementary Table 3: Prevalence of women’s attitudes justifying IPV against women in Guyana (2009-2019) (Year=2019).

Level	Description N(%)	If she goes out without telling him N (%)	p-value	If she neglects the children N (%)	p-value	If she argues with him N (%)	p-value	If she refuses sex with him N (%)	p-value	If she burns the food N (%)	p-value	For any of these five reasons N (%)	p-value
Area of residence			<0.001		<0.001		<0.001		0.005		0.008		<0.001
Urban	1424 (24.2)	17 (1.2)		41 (2.9)		31 (2.2)		30 (2.1)		21 (1.5)		93 (6.6)	
Rural	4463 (75.8)	143 (3.2)		312 (7.0)		196 (4.4)		165 (3.7)		138 (3.1)		540 (12.1)	
Location			<0.001		<0.001		<0.001		<0.001		<0.001		<0.001
Coastal	5480 (93.1)	121 (2.2)		301 (5.5)		186 (3.4)		153 (2.8)		131 (2.4)		553 (10.1)	
Interior	407 (6.9)	34 (8.3)		56 (13.6)		41 (10.1)		38 (9.4)		31 (7.6)		81 (19.9)	
Region			<0.001		<0.001		<0.001		<0.001		<0.001		<0.001
Region 1	130 (2.2)	14 (11.0)		21 (15.6)		18 (13.3)		17 (13.0)		16 (12.0)		32 (24.3)	
Region 2	333 (5.7)	19 (5.8)		33 (9.7)		29 (8.6)		14 (4.1)		15 (4.4)		27 (15.3)	
Region 3	1110 (18.9)	39 (3.5)		103 (9.3)		47 (4.2)		39 (3.5)		27 (2.4)		168 (15.1)	
Region 4	2565 (43.6)	18 (0.7)		72 (2.8)		26 (1.0)		49 (1.9)		38 (1.5)		159 (6.2)	
Region 5	372 (6.3)	15 (3.9)		13 (6.1)		14 (3.7)		11 (3.0)		14 (3.8)		40 (10.7)	
Region 6	797 (13.5)	29 (3.6)		58 (7.3)		61 (7.6)		40 (5.0)		29 (3.6)		118 (14.8)	
Region 7	89 (1.5)	7 (7.8)		13 (14.9)		8 (9.1)		6 (6.8)		5 (5.2)		17 (18.8)	
Region 8	33 (0.6)	2 (7.1)		4 (11.1)		4 (11.7)		2 (5.7)		2 (5.9)		6 (18.2)	
Region 9	156 (2.6)	11 (6.7)		18 (11.8)		12 (7.8)		13 (8.6)		9 (5.6)		27 (17.4)	
Region 10	302 (5.1)	4 (1.2)		11 (3.5)		8 (2.8)		5 (1.6)		6 (1.9)		20 (6.5)	
Woman age			0.492		0.145		0.034		<0.001		0.001		0.003
15-19	997 (16.9)	30 (3.0)		72 (7.2)		37 (3.7)		35 (3.5)		34 (3.4)		119 (11.9)	
20-24	1079 (18.3)	27 (2.5)		59 (5.5)		31 (2.9)		19 (1.8)		14 (1.3)		100 (9.3)	
25-29	981 (16.7)	25 (2.5)		51 (5.2)		40 (4.1)		35 (3.6)		24 (2.4)		102 (10.4)	
30-34	723 (12.3)	17 (2.4)		35 (4.9)		22 (3.1)		15 (2.1)		17 (2.4)		69 (9.5)	
35-39	647 (10.9)	16 (2.4)		47 (7.2)		29 (4.5)		23 (3.6)		18 (2.7)		84 (12.9)	
40-44	759 (12.9)	26 (3.4)		48 (6.3)		27 (3.5)		25 (3.3)		20 (2.6)		68 (9.0)	

45-49	700 (11.9)	18 (2.6)	44 (6.3)	40 (5.7)	41 (5.9)	34 (4.8)	102 (14.5)	
Sex of household head			0.09	0.891	0.455	0.061	0.07	0.188
Male	3797 (64.5)	110 (2.9)	239 (6.3)	129 (3.4)	137 (3.6)	103 (2.7)	433 (11.4)	
Female	1855 (31.5)	35 (1.9)	106 (5.7)	65 (3.5)	48 (2.6)	33 (1.8)	178 (9.6)	
Marital/Union status			0.012	0.996	0.051	0.842	0.007	0.025
Currently married/in union	3984 (67.7)	116 (2.9)	243 (6.1)	167 (4.2)	139 (3.5)	124 (3.1)	458 (11.5)	
Formerly married/in union	594 (10.1)	5 (0.8)	36 (6.1)	18 (3.1)	13 (2.1)	6 (1.0)	50 (8.4)	
Never married/in union	1296 (22.2)	34 (2.6)	75 (5.8)	39 (3.0)	43 (3.3)	32 (2.5)	126 (9.7)	
Woman education			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
None	75 (1.3)	5 (6.2)	3 (3.9)	7 (8.4)	4 (5.3)	3 (3.0)	15 (19.2)	
Primary	535 (9.1)	35 (6.5)	66 (12.4)	46 (8.6)	46 (8.6)	50 (9.3)	125 (23.3)	
Secondary+	5265 (89.6)	116 (2.2)	290 (5.5)	174 (3.3)	148 (2.8)	111 (2.1)	511 (9.7)	
Wealth index quintile			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Poorest	993 (16.9)	56 (5.6)	96 (9.7)	80 (8.1)	71 (7.1)	52 (5.2)	171 (17.2)	
Second	1122 (19.1)	41 (3.6)	91 (8.1)	52 (4.6)	38 (3.4)	43 (3.8)	153 (13.6)	
Middle	1240 (21.1)	31 (2.5)	81 (6.5)	45 (3.6)	32 (2.6)	23 (1.9)	143 (11.5)	
Fourth	1318 (22.4)	16 (1.2)	45 (3.4)	28 (2.1)	27 (2.0)	25 (1.9)	91 (6.9)	
Richest	1213 (20.6)	15 (1.2)	42 (3.4)	21 (1.7)	27 (2.2)	17 (1.4)	79 (6.5)	
Frequency of reading newspaper or magazine			0.174	0.498	<0.001	0.009	0.018	0.001
Almost every day	825 (14.6)	19 (2.3)	42 (5.1)	15 (1.8)	11 (1.4)	10 (1.2)	61 (7.6)	
At least once a week	1449 (25.7)	28 (2.0)	82 (5.7)	38 (2.7)	28 (2.0)	37 (3.6)	137 (9.7)	
Less than once a week	1098 (19.4)	25 (2.3)	59 (5.5)	43 (4.0)	43 (4.0)	38 (3.5)	115 (10.7)	
Not at all	2276 (40.3)	69 (3.1)	143 (6.4)	104 (4.6)	90 (4.0)	67 (3.0)	292 (13.1)	
Frequency of watching television			0.179	0.026	0.001	<0.001	<0.001	<0.001
Almost every day	3110 (55.1)	69 (2.2)	158 (5.2)	94 (3.1)	66 (2.2)	76 (2.5)	291 (9.6)	
At least once a week	990 (17.5)	22 (2.2)	63 (6.4)	35 (3.6)	35 (3.6)	26 (2.6)	112 (11.6)	
Less than once a week	515 (9.1)	16 (3.1)	28 (5.5)	14 (2.7)	20 (4.0)	9 (1.8)	50 (9.9)	

Not at all	1029 (18.2)	34 (3.4)	77 (7.6)	57 (5.6)	51 (5.0)	41 (4.0)	152 (15.1)
------------	-------------	----------	----------	----------	----------	----------	------------