

STATISTICAL APPENDICES

STATISTICAL APPENDIX TABLE 1

DEMOGRAPHIC CHARACTERISTICS OF ALL THE MEN SAMPLES, COMPARED WITH THE POPULATION DEMOGRAPHICS, BY SITE

SITE	NUMBER OF MEN	PERCENTAGE EVER PARTNERED	AGE GROUP			EDUCATION LEVEL			
			N	(%)	18-24(%)	25-34(%)	35-49(%)	NONE (%)	PRIMARY (%)
BANGLADESH-RURAL	1 143	72.6	23.9	28.7	47.4	20.4	33.2	41.3	5.2
BANGLADESH-RURAL POPULATION*			28.6	31.1	40.4	26.9	41.8	31.3	
BANGLADESH-URBAN	1 252	59.3	30.4	36.2	33.4	9.9	18.5	43.9	27.8
BANGLADESH-URBAN POPULATION*			30.2	32.6	37.2	17.5	34.1	48.4	n.a.
CAMBODIA-NATIONAL	1 812	81.4	25.8	38.1	36.1	9.4	41.4	39.1	10.0
CAMBODIA-POPULATION†			33.3	31.5	35.2	16.3	55.6	24.1	4.0
CHINA-URBAN/RURAL	998	97.2	12.7	29.7	57.6	0.4	13.8	75.1	10.6
CHINA-POPULATION‡			21.7	36.7	41.6	1.9	22.4	69.3	6.4
INDONESIA-URBAN	868	94.5	27.3	35.8	36.9	0.6	18.1	72.5	8.9
INDONESIA-RURAL	815	94.4	15.6	28.7	55.7	0.4	26.6	66.4	6.6
INDONESIA-PAPUA	893	96.1	34.5	32.4	33.2	1.1	6.7	77.7	14.5
INDONESIA-POPULATION§			31.1	35.4	33.5	31.3	33.4	32.3	2.9
PNG-BOUGAINVILLE	864	85.8	27.1	33.5	39.5	3.0	53.8	32.7	10.5
PNG-POPULATION			28.0	34.7	37.3	n.a.	n.a.	n.a.	n.a.
SRI LANKA-NATIONAL	1 533	76.7	33.9	33.1	33.0	1.2	8.2	80.2	10.4
SRI LANKA-POPULATION**			23.5	34.7	33.0	8.8	22.2	58.4	10.6

Notes: Demographics for the whole sample are presented to make it comparable with census data; however, the rest of the analysis is from the sub-sample of ever-partnered men. n.a. = not available.

* Bangladesh demographics are from the Bangladesh Demographic and Health Survey 2007. Age groupings are for men aged 18-49 years, education groupings are for all males older than 6 years; secondary and post-secondary groups are combined. Given that the education groupings are for all males older than 6 years while the sample excluded those older than 49 years, it is logical that there is a higher level of education in the sample because older people are more likely to be less educated.

† Cambodia demographics are from the Cambodia General Population Census 2008 (<http://celade.cepal.org/khmnis/census/khm2008/>); age and education groupings are for all men aged 18-49 years.

‡ China demographics are from the Demographic Yearbook, United Nations Statistics Division (<http://unstats.un.org/unsd/demographic/products/dyb/dybcens.htm>); age and education groupings are for all men aged 18-49 years. Educational demographics are difficult to compare because the population data is aggregated across the whole country compared with only one site in the sample.

§ Indonesia demographics are from the Demographic Yearbook, United Nations Statistics Division (<http://unstats.un.org/unsd/demographic/products/dyb/dybcens.htm>); age and education groupings are for all men aged 18-49 years. Educational demographics are difficult to compare because the population data is aggregated across the whole country compared with only one site in the sample.

|| Papua New Guinea demographics are from the United States Census Bureau (www.census.gov/population/international/data/idb/informationGateway.php). The age groupings are for all men (partnered and non-partnered); educational attainment unavailable.

**Sri Lanka age demographics are from the United States Census Bureau (age groupings are for all men). Educational attainment data are from the Sri Lanka Census of Population and Housing 2001 for the population aged 5 years and older. The differences in the educational levels between the sample and the population can be accounted for in the differing age groups because older men are likely to be less educated, and the age of the census, as education has likely increased in the previous 12 years.

**STATISTICAL
APPENDIX TABLE 2**
**DEMOGRAPHIC CHARACTERISTICS OF ALL WOMEN SAMPLED, COMPARED WITH THE
POPULATION DEMOGRAPHICS, BY SITE**

SITE	NUMBER OF WOMEN	PERCENTAGE EVER PARTNERED	AGE GROUP			EDUCATION LEVEL			
			N	(%)	18-24(%)	25-34(%)	35-49(%)	NONE (%)	PRIMARY (%)
CAMBODIA-NATIONAL	477	87.4	25.2	40.5	34.4	23.9	46.1	26.0	4.0
CAMBODIA-POPULATION†			32.0	30.9	37.1	26.7	57.1	14.3	1.9
CHINA-URBAN/RURAL	1 103	98.5	12.5	30.0	57.5	0.9	22.9	67.5	8.8
CHINA-POPULATION‡			22.1	36.8	41.2	5.8	32.2	57.6	4.5
PNG-BOUGAINVILLE	873	90.7	26.5	36.0	37.6	6.2	52.7	33.6	7.6
PNG-POPULATION			29.1	35.4	35.5				
SRI LANKA-NATIONAL	653	85.6	24.7	36.1	39.2	5.4	9.7	77.4	6.6
SRI LANKA-POPULATION**			22.2	34.4	43.4	8.8	22.2	58.4	10.6

Notes: The demographics for the whole sample are presented to make it comparable with the census data.

† Cambodia demographics are from the Cambodia General Population Census 2008 (<http://celade.cepal.org/khmnis/census/khm2008/>); age and education groupings are for all women aged 18-49 years.

‡ China demographics are from the Demographic Yearbook, United Nations Statistics Division (<http://unstats.un.org/unsd/demographic/products/dyb/dybcens.htm>); age and education groupings are for all women aged 18-49. The educational demographics are difficult to compare because the population data is aggregated across the whole country compared with only one site in the sample.

|| Papua New Guinea demographics are from the United States Census Bureau (www.census.gov/population/international/data/idb/information-Gateway.php); age groupings are for all women (partnered and non-partnered) and educational attainment unavailable.

**Sri Lanka age demographics are from the United States Census Bureau (age groupings are for all women). Educational attainment data are from the Sri Lanka Census of Population and Housing Census 2001 for the population aged 5 years and older. The differences in the educational levels between the sample and the population can be accounted for by the differing age groups because older women are likely to be less educated, and the age of the census, as education has likely increased in the previous 12 years.

**STATISTICAL
APPENDIX TABLE 3**

PERCENTAGE OF MEN REPORTING PERPETRATION OF DIFFERENT ACTS OF PHYSICAL VIOLENCE AGAINST AN INTIMATE PARTNER, BY SITE

	SLAPPED OR THROWN SOMETHING	PUSHED OR SHOVED	PUNCHED	KICKED, DRAGGED, BEATEN, CHOKED OR BURNED	THREATENED WITH A WEAPON	TOTAL NO. OF EVER-PARTNERED MEN
	EVER	EVER	EVER	EVER	EVER	
SITE	(%)	(%)	(%)	(%)	(%)	
BANGLADESH-RURAL	47.8	38.3	18.1	7.4	1.1	830
BANGLADESH-URBAN	47.9	37.9	16.6	8.4	2.4	742
CAMBODIA-NATIONAL	6.6	11.5	6.3	3.2	2.0	1 474
CHINA-URBAN/RURAL	29.8	32.9	17.8	9.3	1.9	970
INDONESIA-RURAL	6.5	5.9	2.1	1.4	0.1	769
INDONESIA-URBAN	7.8	8.3	2.0	1.0	0.6	820
INDONESIA-PAPUA	23.1	26.7	10.7	4.2	2.3	858
PNG-BOUGAINVILLE	32.7	47.4	46.4	26.9	16.2	741
SRI LANKA-NATIONAL	12.7	19.0	6.8	2.5	2.2	1 176

**STATISTICAL
APPENDIX TABLE 4**

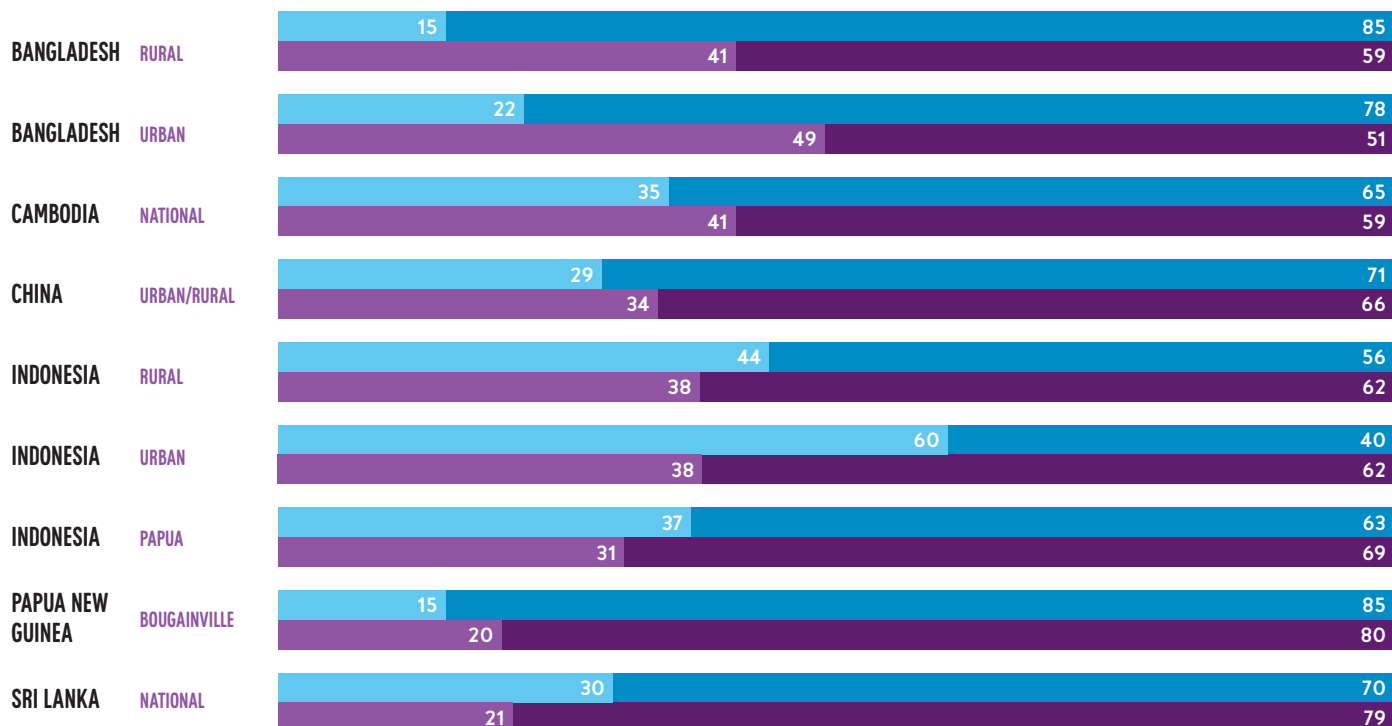
PERCENTAGE OF MEN REPORTING PERPETRATION OF DIFFERENT ACTS OF SEXUAL VIOLENCE AGAINST AN INTIMATE PARTNER, BY SITE

	PHYSICALLY FORCED WIFE/GIRLFRIEND TO HAVE SEX AGAINST HER WILL	HAD SEX WITH WIFE/GIRLFRIEND WHEN HE KNEW SHE DIDN'T WANT TO BECAUSE HE BELIEVED SHE SHOULD AGREE BECAUSE SHE WAS WIFE/GIRLFRIEND	TOTAL NO. OF MEN SAMPLED
	EVER	EVER	
SITE	(%)	(%)	
BANGLADESH-RURAL	15.1	n.a.	830
BANGLADESH-URBAN	10.4	n.a.	742
CAMBODIA-NATIONAL	9.6	16.5	1 474
CHINA-URBAN/RURAL	12.4	15.1	970
INDONESIA-RURAL	8.4	15.2	769
INDONESIA-URBAN	12.5	20.0	820
INDONESIA-PAPUA	29.5	37.2	858
PNG-BOUGAINVILLE	46.2	47.1	741
SRI LANKA-NATIONAL	12.7	10.5	1 176

**STATISTICAL
APPENDIX FIGURE 1**

PROPORTION OF MEN WHO HAD PERPETRATED MORE THAN ONE ACT OF PHYSICAL OR SEXUAL INTIMATE PARTNER VIOLENCE AMONG MEN WHO HAD PERPETRATED PHYSICAL OR SEXUAL PARTNER VIOLENCE, BY SITE

● SINGLE ACT OF PHYSICAL IPV ● MULTIPLE ACTS OF PHYSICAL IPV
● SINGLE ACT OF SEXUAL IPV ● MULTIPLE ACT OF SEXUAL IPV



**STATISTICAL
APPENDIX TABLE 5**

MEN'S REPORTED MOTIVATIONS FOR RAPING, AMONG MEN WHO REPORTED HAVING RAPED PARTNERS OR NON-PARTNERS, BY TYPE OF RAPE AND BY SITE

	SEXUAL ENTITLEMENT (%)		ANGER/ PUNISHMENT		FUN/BORED (%)		DRINKING (%)	
	PARTNER RAPE	NON-PARTNER RAPE	PARTNER RAPE	NON-PARTNER RAPE	PARTNER RAPE	NON-PARTNER RAPE	PARTNER RAPE	NON-PARTNER RAPE
BANGLADESH-RURAL	84.7	80.0	30.9	44.0	65.0	72.0	3.0	20.0
BANGLADESH-URBAN	71.2	88.2	27.6	27.5	50.8	62.7	3.3	15.7
CAMBODIA-NATIONAL	31.8	52.8	31.4	48.6	13.1	49.0	5.0	27.9
CHINA-URBAN/RURAL	84.4	89.6	36.5	52.6	53.1	64.6	16.8	35.4
INDONESIA-RURAL	52.0	64.4	38.8	33.3	10.9	52.2	3.6	23.9
INDONESIA-URBAN	70.5	79.2	13.3	31.9	14.7	58.9	1.3	26.0
INDONESIA-PAPUA	69.6	77.8	15.8	28.9	31.7	54.9	8.1	39.8
PNG-BOUGAINVILLE	62.1	74.9	44.7	51.2	40.5	73.8	9.5	28.8
SRI LANKA-NATIONAL	55.2	79.1	10.5	16.7	14.2	27.0	5.0	15.7

**STATISTICAL
APPENDIX TABLE 6**

MEN'S REPORTED CONSEQUENCES OF PERPETRATING RAPE, AMONG MEN WHO REPORTED HAVING RAPED PARTNERS OR NON-PARTNERS, BY TYPE OF RAPE AND BY SITE

	WORRIED/GUILTY (%)		PUNISHMENT/THREATS/ VIOLENCE* (%)		ARRESTED (%)		JAILED (%)		NO LEGAL CONSEQUENCES** (%)	
	PARTNER RAPE	NON- PARTNER RAPE	PARTNER RAPE	NON- PARTNER RAPE	PARTNER RAPE	NON- PARTNER RAPE	PARTNER RAPE	NON- PARTNER RAPE	PARTNER RAPE	NON- PARTNER RAPE
BANGLADESH-RURAL	31.6	58.0	13.3	20.0	7.1	20.0	5.1	12.0	91.8	78.0
BANGLADESH-URBAN	25.9	56.9	6.8	15.7	5.1	3.9	1.7	2.0	94.9	96.1
CAMBODIA-NATIONAL	50.6	63.7	40.9	61.0	38.6	56.6	18.4	34.3	58.6	38.6
CHINA-URBAN/RURAL	63.3	64.9	47.2	46.7	24.0	26.3	15.5	15.8	75.0	72.4
INDONESIA-RURAL	74.5	79.1	40.0	44.2	25.5	21.4	16.0	7.1	76.0	78.6
INDONESIA-URBAN	80.7	84.7	33.3	42.9	17.0	21.4	6.6	15.7	83.1	75.7
INDONESIA-PAPUA	71.2	85.2	32.8	44.1	17.6	22.3	12.2	16.8	83.1	75.7
PNG-BOUGAINVILLE	65.3	72.7	72.6	77.6	63.7	67.4	54.8	51.6	36.3	31.2
SRI LANKA-NATIONAL	27.6	41.9	7.2	15.5	1.0	5.8	1.0	3.5	99.0	94.1
TOTAL	55.0	70.4	35.1	52.5	24.0	39.4	16.6	27.9	75.7	58.7

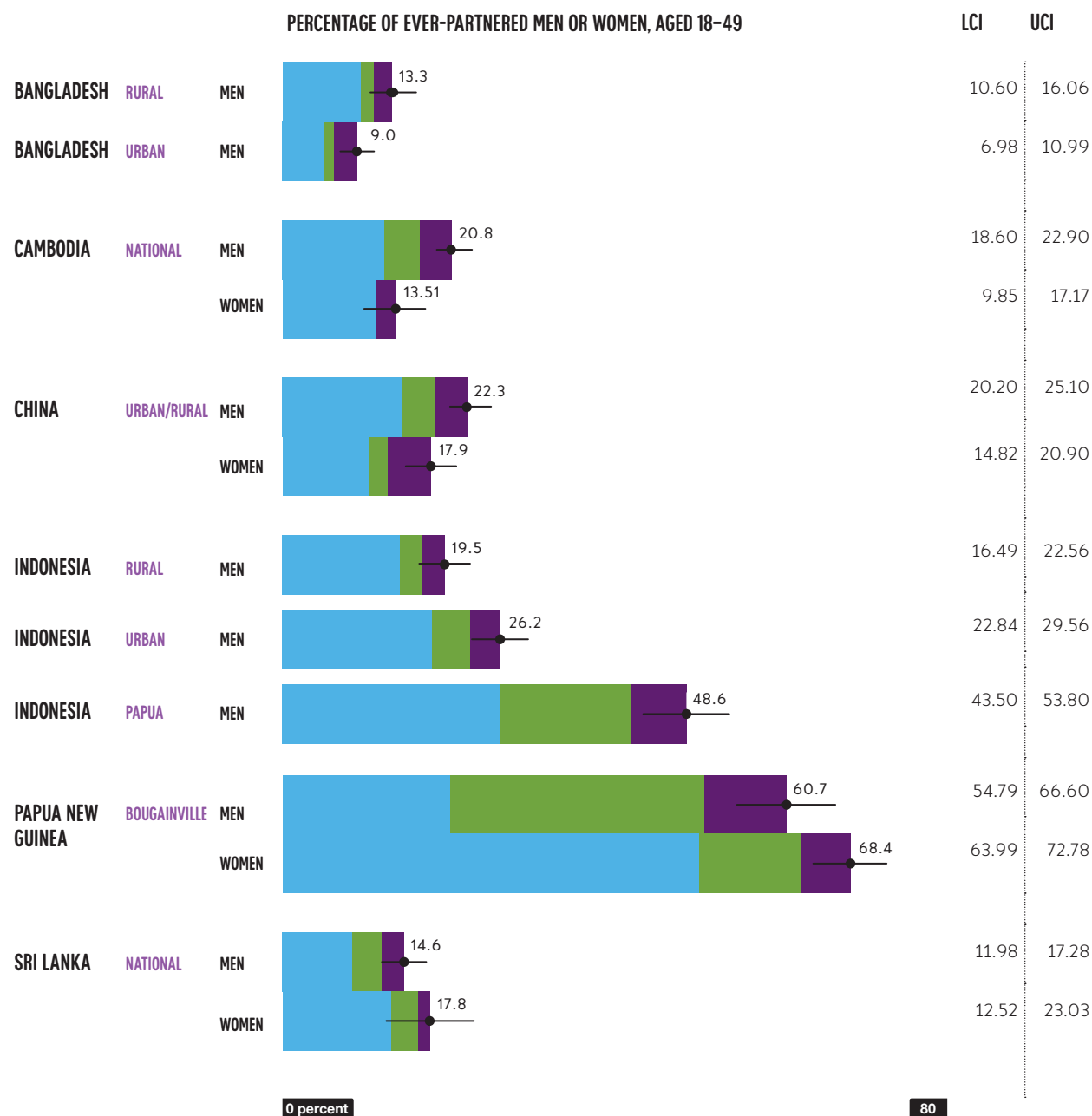
Note: *= Includes men who reported experiencing punishment from family/friends, threats from someone supporting her, violence from someone seeking revenge for her. ** = Percentage of men who had raped who were never arrested or jailed as a result of the rape.

STATISTICAL APPENDIX FIGURE 2

PREVALENCE OF PARTNER AND NON-PARTNER RAPE OR BOTH, BY SITE, COMPARING MEN AND WOMEN'S REPORTS

● PARTNER RAPE ONLY ● BOTH PARTNER AND NON-PARTNER RAPE ● NON-PARTNER RAPE ONLY

95% CI



**STATISTICAL
APPENDIX TABLE 7**

**PERCENTAGE OF MEN WHO HAD RAPED A MAN, BY FEMALE NON-PARTNER RAPE
CATEGORY AND BY SITE**

SITE		NEVER RAPED A WOMAN		SINGLE PERPETRATOR RAPE OF A WOMAN		MULTIPLE PERPETRATORS RAPE OF A WOMAN		P-VALUE
		NO. OF MEN	RAPED A MAN (%)	NO. OF MEN	RAPED A MAN (%)	NO. OF MEN	RAPED A MAN (%)	
BANGLADESH	RURAL	1 079	2.6	28	17.9	22	40.9	<0.0001
BANGLADESH	URBAN	1 192	1.2	33	9.1	18	27.8	<0.0001
CAMBODIA	NATIONAL	1 626	0.7	55	10.9	92	43.9	<0.0001
CHINA	URBAN/RURAL	891	0.9	54	1.9	22	31.8	<0.0001
INDONESIA	RURAL	777	0.5	56	7.1	17	29.4	<0.0001
INDONESIA	URBAN	751	1.3	34	5.9	12	16.7	0.0023
INDONESIA	PAPUA	672	1.0	146	1.4	38	6.7	0.0089
PAPUA NEW GUINEA	BOUGAINVILLE	501	2.6	225	5.8	119	31.9	<0.0001
SRI LANKA	NATIONAL	1 331	1.9	65	10.8	22	27.3	<0.0001
TOTAL		8 820	1.4	696	6.2	116	30.2	<0.0001

**STATISTICAL
APPENDIX TABLE 8**
ASSOCIATIONS BETWEEN EXPERIENCES OF CHILD ABUSE AND OTHER NEGATIVE CONSEQUENCES, FOR COMBINED DATA SET AND ADJUSTED BY AGE AND SITE

CONSEQUENCE	PHYSICAL CHILDHOOD ABUSE (AOR)	P VALUE	SEXUAL CHILDHOOD ABUSE (AOR)	P VALUE	CHILDHOOD EMOTIONAL ABUSE (AOR)	P VALUE
DEPRESSION	1.81	<0.0001	2.04	<0.0001	2.44	<0.0001
LOW LIFE SATISFACTION	1.63	<0.0001	1.76	<0.0001	1.70	<0.0001
POOR HEALTH	1.40	<0.0001	1.62	<0.0001	2.05	<0.0001
GANG MEMBERSHIP	2.20	<0.0001	2.15	<0.0001	2.45	<0.0001
FIGHTS WITH WEAPONS	2.31	<0.0001	1.79	<0.0001	2.72	<0.0001
ALCOHOL PROBLEMS	2.18	<0.0001	1.64	<0.0001	2.00	<0.0001
DRUG ABUSE	1.79	<0.0001	2.29	<0.0001	1.86	<0.0001
TRANSACTIONAL SEX	1.42	<0.0001	1.70	<0.0001	1.51	<0.0001

Note: AOR=adjusted odds ratio

**STATISTICAL
APPENDIX TABLE 9**
PERCENTAGE OF ALL MEN REPORTING SUICIDAL THOUGHTS OR ATTEMPTS

COUNTRY	MEN WHO REPORTED SUICIDAL THOUGHTS (%)	MEN WHO REPORTED SUICIDAL ATTEMPTS (THAT HAD SUICIDAL THOUGHTS) (%)	MEN THOUGHT ABOUT SUICIDE IN PREVIOUS 4 WEEKS (OF THOSE WHO EVER HAD A SUICIDAL THOUGHT) (%)
BANGLADESH-RURAL	8.1	39.1	16.3
BANGLADESH-URBAN	12.5	31.4	18.6
CAMBODIA-NATIONAL	6.5	31.4	11.0
CHINA-URBAN/RURAL	17.5	37.0	16.0
INDONESIA-RURAL	2.0	18.8	0.0
INDONESIA-URBAN	3.8	21.2	15.2
INDONESIA-PAPUA	4.3	23.7	7.9
PNG-BOUGAINVILLE	14.3	50.8	21.0
SRI LANKA-NATIONAL	7.1	n.a.	n.a.

Note: n.a. = not applicable because this question was not asked in Sri Lanka.

**STATISTICAL APPENDIX
TABLE 10**

**PREVALENCE OF FACTORS ASSOCIATED WITH LIFETIME PERPETRATION OF
PHYSICAL AND/OR SEXUAL INTIMATE PARTNER VIOLENCE IN THE COMBINED
DATA SET**

		NUMBER OF MEN	NO INTIMATE PARTNER VIOLENCE (%)	PERPETRATED INTIMATE PARTNER VIOLENCE (%)
SOCIAL CHARACTERISTICS	NO HIGH SCHOOL EDUCATION	8 206	29.1	36.5
	CURRENT FOOD INSECURITY	7 991	24.6	36.2
	AGE 18-24	1 320	17.8	14.0
	AGE 25-34	2 880	35.3	34.9
	AGE 35-49	4 009	46.9	51.2
VICTIMIZATION HISTORY	CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	8 185	59.8	81.3
	CHILDHOOD PHYSICAL ABUSE	8 187	28.0	44.7
	CHILDHOOD SEXUAL ABUSE	8 185	10.9	24.4
	WITNESSED ABUSE OF MOTHER	8 185	17.0	35.9
	SEXUAL VICTIMIZATION (INCLUDING RAPE)	7 993	2.9	6.0
GENDER NORMS AND SEXUAL PRACTICES	INEQUITABLE GENDER ATTITUDES	8 155	11.8	19.6
	CONTROLLING BEHAVIOUR	7 974	5.1	10.9
	FREQUENT QUARRELLING WITH PARTNER	8 088	32.0	50.7
	0-1 LIFETIME SEXUAL PARTNER	4 600	67.2	45.3
	2-3 LIFETIME SEXUAL PARTNERS	2 049	19.5	32.6
	4+ LIFETIME SEXUAL PARTNERS	1 394	13.3	22.2
	TRANSACTIONAL SEX	7 707	35.0	48.7
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE	EMPATHY*	8 027	15.1*	15.2*
	DEPRESSION	8 073	23.1	39.6
	LIFE SATISFACTION*	8 073	8.7*	8.9*
	ALCOHOL ABUSE	7 971	7.2	17.9
INVOLVEMENT IN VIOLENCE OUTSIDE THE HOME	PARTICIPATED IN A GANG	8 022	5.4	14.0
	INVOLVED IN FIGHTS WITH WEAPONS	8 021	8.1	18.0

Note: *=Empathy and life satisfaction are continuous variables; the values presented are the mean values rather than a percentage.

**STATISTICAL
APPENDIX TABLE 11**
PREVALENCE OF POSSIBLE ASSOCIATED FACTORS, BY INTIMATE PARTNER VIOLENCE PERPETRATION AND BY COUNTRY

PHYSICAL AND/OR SEXUAL INTIMATE PARTNER VIOLENCE	BANGLADESH			CAMBODIA			CHINA			SRI LANKA			PAPUA NEW GUINEA			INDONESIA		
	NUMBER OF MEN	NO IPV	PERPETRATED IPV	NUMBER OF MEN	NO IPV	PERPETRATED IPV	NUMBER OF MEN	NO IPV	PERPETRATED IPV	NUMBER OF MEN	NO IPV	PERPETRATED IPV	NUMBER OF MEN	NO IPV	PERPETRATED IPV	NUMBER OF MEN	NO IPV	PERPETRATED IPV
		%/MEAN	%/MEAN		%/MEAN	%/MEAN		%/MEAN	%/MEAN		%/MEAN	%/MEAN		%/MEAN	%/MEAN		%/MEAN	%/MEAN
AGE 18-24	110	7.7	6.5	174	12.3	11.7	105	14.2	7.9	221	23.5	11.3	142	29.4	17.1	568	23.4	24.4
AGE 25-34	514	35.3	31.0	608	43.2	40.9	289	31.0	29.4	423	36.1	39.7	260	31.5	36.7	786	31.3	35.3
AGE 35-49	940	57.0	62.5	652	44.5	47.5	564	54.8	62.7	490	40.3	49.1	327	39.2	46.3	1 036	45.3	40.3
NO HIGH SCHOOL EDUCATION	1 564	39.0	58.5	1 434	52.9	63.6	957	13.5	14.6	1 133	11.8	9.4	728	46.2	56.1	2 390	20.9	12.7
CURRENT FOOD INSECURITY	1 550	33.3	45.7	1 389	50.4	65.7	942	19.0	22.3	1 025	15.3	22.8	712	27.0	48.5	2 373	9.8	17.1
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	1 564	72.0	87.3	1 434	70.9	83.0	954	55.2	79.3	1 116	44.7	69.2	727	68.5	90.6	2 390	55.0	74.8
CHILDHOOD PHYSICAL ABUSE	1 564	11.3	19.7	1 434	40.8	50.9	956	18.5	32.7	1 116	31.9	60.2	727	54.5	71.9	2 390	25.8	48.2
CHILDHOOD SEXUAL ABUSE	1 564	21.9	35.7	1 434	11.5	20.9	954	7.4	16.5	1 116	13.0	19.9	727	12.6	37.5	2 390	5.1	13.4
WITNESSED ABUSE OF MOTHER	1 564	20.8	35.1	1 434	20.2	30.2	956	14.0	28.0	1 114	24.2	44.7	727	43.4	60.1	2 390	7.6	25.0
SEXUAL VICTIMIZATION (INCLUDING RAPE)	1 549	2.2	5.7	1 392	2.2	7.5	931	1.8	3.6	1 037	3.4	5.3	718	5.6	7.5	2 366	3.6	6.1
INEQUITABLE GENDER ATTITUDES	1 563	13.8	27.4	1 434	20.4	31.5	943	1.8	2.7	1 108	13.4	14.9	728	20.3	22.7	2 379	6.5	15.2
CONTROLLING BEHAVIOUR	1 559	2.8	7.9	1 422	3.0	8.4	937	4.8	6.0	1 061	11.9	17.1	720	14.1	20.2	2 275	3.4	9.4
FREQUENT QUARRELLING WITH PARTNER	1 552	15.4	39.0	1 406	40.8	56.2	951	64.1	84.3	1 119	26.0	58.9	713	25.2	33.4	2 347	27.3	48.7
ONE LIFETIME SEXUAL PARTNER	1 044	78.3	58.3	830	65.2	46.7	334	44.3	27.1	520	53.0	42.8	274	52.5	34.4	1 598	79.0	49.4
2-3 LIFETIME SEXUAL PARTNERS	363	16.0	29.1	349	21.3	31.9	378	39.1	14.2	194	13.3	29.3	228	28.0	32.5	537	15.9	32.9
4+ LIFETIME SEXUAL PARTNERS	148	5.7	12.5	226	13.4	21.4	229	16.6	31.7	333	33.7	27.9	219	19.6	33.0	239	5.1	17.7
TRANSACTIONAL SEX	1 527	13.1	24.7	1 392	52.5	68.5	849	50.7	56.4	968	12.0	32.7	712	22.5	47.2	2 259	41.4	64.4
EMPATHY*	1 564	16.8*	16.5*	1 427	14.2*	14.3*	939	14.3*	14.4*	998	14.8*	13.5*	724	17.3*	16.7*	2 375	15.0*	14.5*
DEPRESSION	1 564	31.6	47.9	1 427	37.7	58.2	942	19.7	34.0	1 027	12.8	19.5	725	26.6	47.8	2 388	14.9	27.7
LOW LIFE SATISFACTION*	1 564	9.4*	9.9*	1 427	8.1*	8.3*	946	8.6*	9.1*	1 027	8.5*	9.5*	724	7.0*	7.2*	2 385	8.9*	9.0*
ALCOHOL ABUSE	1 548	0.4	0.3	1 385	11.9	22.1	931	2.6	8.6	1 026	7.5	18.0	716	27.7	39.3	2 365	6.7	23.6

Note: *= Empathy and life satisfaction are continuous variables, so the values presented here are mean values and not percentages.

**STATISTICAL APPENDIX
TABLE 12**

MULTIVARIATE REGRESSION MODELS OF FACTORS ASSOCIATED WITH PHYSICAL AND/OR SEXUAL PARTNER VIOLENCE PERPETRATION, BY COUNTRY AND ADJUSTED FOR ALL SIGNIFICANT FACTORS, AGE, PARTNERSHIP STATUS AND SITE

RISK FACTORS	BANGLADESH		CAMBODIA		CHINA		PAPUA NEW GUINEA		INDONESIA		SRI LANKA	
	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE
SOCIAL CHARACTERISTIC												
NO HIGH SCHOOL EDUCATION	1.77 (1.37-2.30)	<0.001	1.46 (1.12-1.91)	0.005	
CURRENT FOOD INSECURITY	..		1.60 (1.22-2.10)	0.001	..		2.70 (1.66-4.41)	<0.001	
VICTIMIZATION HISTORY												
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	1.74 (1.29-2.36)	<0.001	..		2.08 (1.49-2.89)	<0.001	2.60 (1.51-4.46)	0.001	1.53 (1.23-1.91)	<0.001	..	
CHILDHOOD PHYSICAL ABUSE		1.56 (1.25-1.94)	<0.001	1.97 (1.39-2.79)	<0.001
CHILDHOOD SEXUAL ABUSE	..		1.68 (1.19-2.37)	0.003	..		4.13 (2.19-7.81)	<0.001	1.68 (1.15-2.43)	0.007	..	
WITNESSED ABUSE OF MOTHER		1.70 (1.17-2.48)	0.005	..		2.46 (1.83-3.32)	<0.001	1.81 (1.25-2.61)	0.002
GENDER ATTITUDES AND RELATIONSHIP PRACTICES												
INEQUITABLE GENDER ATTITUDES	1.77 (1.29-2.43)	<0.001	
CONTROLLING BEHAVIOUR	2.22 (1.17-4.22)	0.014	2.48 (1.45-4.25)	0.001		2.22 (1.34-3.68)	0.002
FREQUENT QUARRELING WITH PARTNER	2.67 (2.01-3.55)	<0.000	1.70 (1.32-2.19)	<0.001	2.60 (1.84-3.69)	<0.001		4.54 (3.21-6.43)	<0.001
2-3 LIFETIME SEXUAL PARTNERS	2.01 (1.47-2.74)	<0.001	1.94 (1.43-2.62)	<0.001	1.62 (1.16-2.25)	0.005	2.00 (1.17-3.42)	0.012	2.14 (1.68-2.73)	<0.001	..	
4+ LIFETIME SEXUAL PARTNERS	2.00 (1.17-3.40)	0.011	1.84 (1.29-2.64)	0.001	2.64 (1.78-3.92)	<0.001	2.01 (1.14-3.55)	0.016	2.86 (2.00-4.11)	<0.001	..	
TRANSACTIONAL SEX	1.71 (1.18-2.47)	0.004	1.46 (1.11-1.93)	0.007		1.98 (1.61-2.44)	<0.001	2.17 (1.44-3.27)	<0.001
DOWRY-ALL PAID	1.83 (1.27-2.63)	0.001	
DOWRY-NOT ALL PAID	3.68 (1.91-7.08)	<0.001	
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE												
EMPATHY (CONTINUOUS)	
DEPRESSION	1.43 (1.11-1.84)	0.006	1.77 (1.37-2.29)	<0.001	1.48 (1.06-2.09)	0.023	..		1.61 (1.25-2.08)	<0.001	..	
LIFE SATISFACTION (CONTINUOUS)	1.11 (1.04-1.19)	0.003		1.07 (1.01-1.13)	0.034	1.09 (1.03-1.15)	0.004
ALCOHOL ABUSE	..		1.55 (1.11-2.16)	0.011	2.54 (1.21-5.31)	0.013	
ENGAGEMENT IN VIOLENCE OUTSIDE THE HOME												
INVOLVED IN FIGHTS WITH WEAPONS	..		1.96 (1.27-3.01)	0.002	..		1.96 (1.15-3.33)	0.013	..		1.77 (1.07-2.94)	0.026

**STATISTICAL APPENDIX
TABLE 13**

PREVALENCE AND MEAN OF POSSIBLE FACTORS ASSOCIATED WITH LIFETIME PERPETRATION OF NON-PARTNER RAPE OF A FEMALE, FOR THE COMBINED DATA SET

FACTORS ASSOCIATED WITH VIOLENCE	NUMBER OF MEN	NO RAPE (%)	PERPETRATED RAPE (%)
SOCIAL CHARACTERISTICS			
CURRENT FOOD INSECURITY	9 862	27.7	42.2
EVER MARRIED OR COHABITATED	9 951	68.7	76.5
AGE 18-24	2 645	26.7	25.4
AGE 25-34	3 328	33.1	36.0
AGE 35-49	3 977	40.2	38.5
VICTIMIZATION HISTORY			
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	9 946	67.6	86.3
CHILDHOOD SEXUAL ABUSE	9 946	16.0	33.2
EXPERIENCED HOMOPHOBIC ABUSE	9 863	2.9	10.5
SEXUAL VICTIMIZATION (INCLUDING RAPE)	9 869	3.3	12.9
GENDER-BASED ATTITUDES AND RELATIONSHIP PRACTICES			
ANY PHYSICAL INTIMATE PARTNER VIOLENCE	8 004	29.6	56.7
0-1 LIFETIME SEXUAL PARTNER	6 259	68.5	25.1
2-3 LIFETIME SEXUAL PARTNERS	2 117	19.7	36.4
4+ LIFETIME SEXUAL PARTNERS	1 452	11.8	38.5
TRANSACTIONAL SEX	9 524	30.8	72.0
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE			
EMPATHY	9 841	15.25*	14.78*
DEPRESSION	9 890	28.7	46.4
ALCOHOL ABUSE	9 848	8.0	35.6
INVOLVEMENT IN VIOLENCE OUTSIDE THE HOME			
CURRENT DRUG USE**	9 892	7.9	22.9
PARTICIPATED IN A GANG	9 909	6.1	31.6
INVOLVED IN FIGHTS WITH WEAPONS	9 908	9.2	35.8

Note: *= Empathy is a continuous variable, so the values presented are mean scores not percentages;
**=Drug use is not grouped with alcohol abuse under the ‘Psychological factors and substance abuse’ subheading because the analysis found that the two were not necessarily related to one another but, rather, more closely related to other factors in their respective groups.

**STATISTICAL APPENDIX
TABLE 14**

PREVALENCE OF POSSIBLE ASSOCIATED FACTORS, BY NON-PARTNER RAPE PERPETRATION AND BY COUNTRY

NON-PARTNER RAPE	BANGLADESH			CAMBODIA			CHINA			SRI LANKA			PAPUA NEW GUINEA			INDONESIA		
ASSOCIATION	NUMBER OF MEN	NO RAPE %/MEAN	RAPE %/MEAN	NUMBER OF MEN	NO RAPE %/MEAN	RAPE %/MEAN	NUMBER OF MEN	NO RAPE %/MEAN	RAPE %/MEAN	NUMBER OF MEN	NO RAPE %/MEAN	RAPE %/MEAN	NUMBER OF MEN	NO RAPE %/MEAN	RAPE %/MEAN	NUMBER OF MEN	NO RAPE %/MEAN	RAPE %/MEAN
SOCIAL CHARACTERISTICS																		
AGE 18-24	652	27.2	31.7	466	26.4	24.5	125	13.1	8.9	507	36.2	21.4	288	30.9	21.2	667	25.3	33.5
AGE 25-34	777	32.6	33.7	677	38.5	34.0	294	30.0	30.4	477	32.4	43.8	284	30.7	37.8	819	31.9	35.1
AGE 35-49	948	40.1	34.7	633	35.1	41.5	561	56.9	60.8	455	31.4	34.8	334	38.5	41.0	1 046	42.8	31.4
NO HIGH SCHOOL EDUCATION	2 377	39.9	46.5	1 776	49.5	65.3	979	14.0	16.5	1 439	9.3	4.5	845	56.8	56.9	2 532	18.5	11.1
CURRENT FOOD INSECURITY	2 370	34.8	52.0	1 766	50.8	61.6	974	20.2	30.8	1 393	15.9	25.9	837	37.3	54.7	2 522	11.1	24.2
EVER MARRIED OR COHABITATED	2 377	64.1	63.4	1 776	73.2	78.2	980	91.0	87.3	1 440	53.7	73.0	846	71.5	85.5	2 532	69.6	68.6
VICTIMIZATION HISTORY																		
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	2 377	78.4	93.1	1 775	75.1	82.3	977	65.5	91.1	1 439	47.7	85.2	846	81.7	93.0	2 532	60.9	77.8
CHILDHOOD PHYSICAL ABUSE	2 377	15.7	29.7	1 775	45.0	46.3	977	24.1	46.8	1 439	36.3	60.2	846	61.0	77.3	2 532	30.9	58.2
CHILDHOOD SEXUAL ABUSE	2 377	28.9	46.5	1 775	14.2	21.8	977	9.9	38.0	1 439	13.0	38.6	846	23.1	44.2	2 532	6.6	20.0
EXPERIENCED HOMOPHOBIC ABUSE	2 370	4.8	17.0	1 768	1.5	17.7	961	4.3	15.6	1 407	3.8	15.5	842	3.4	10.9	2 515	0.5	2.2
SEXUAL VICTIMIZATION (INCLUDING RAPE)	2 373	4.1	17.8	1 768	2.5	17.7	961	2.0	11.5	1 412	2.9	12.8	843	3.8	10.6	2 512	3.6	12.1
GENDER ATTITUDES AND RELATIONSHIP PRACTICES																		
ANY PHYSICAL INTIMATE PARTNER VIOLENCE	1 549	50.8	76.1	1 392	15.8	25.8	937	42.5	68.9	1 040	20.5	51.2	707	53.0	72.8	2 379	17.1	46.8
ONE OR NO LIFETIME SEXUAL PARTNER	1 788	77.1	33.7	1 143	68.3	31.7	359	39.3	12.8	858	64.8	18.2	384	61.2	23.3	1 727	75.2	26.2
2-3 LIFETIME SEXUAL PARTNERS	400	16.0	36.6	364	19.9	31.0	377	39.1	38.5	201	13.1	35.2	234	22.5	35.5	541	18.9	39.5
4+ LIFETIME SEXUAL PARTNERS	187	6.9	29.7	243	11.8	37.2	230	21.6	48.7	329	22.2	46.6	223	16.3	41.3	240	5.9	34.3
TRANSACTIONAL SEX	2 328	14.2	67.5	1 751	45.7	89.0	879	49.8	75.0	1 337	10.6	66.2	829	24.6	59.5	2 400	43.3	80.1
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE																		
EMPATHY	2 377	16.66	16.37	1 776	14.18	13.87	966	14.43	13.32	1 360	14.51	12.23	845	17.39	16.06	2 517	14.86	14.32
DEPRESSION	2 377	38.4	61.4	1 776	41.6	61.9	966	25.6	42.3	1 395	12.9	31.4	846	35.3	52.6	2 530	18.4	33.2
LIFE SATISFACTION	2 377	9.69	10.11	1 776	8.31	8.24	972	8.91	9.05	1 396	8.88	9.43	846	6.99	7.46	2 527	8.95	8.94
CURRENT DRUG USE	2 373	4.2	18.8	1 769	3.6	29.3	974	2.3	10.3	1 414	31.0	50.6	841	10.8	26.5	2 521	2.4	13.0
ALCOHOL ABUSE	2 369	0.5	3.0	1 760	13.6	31.7	962	4.6	15.6	1 402	8.2	19.0	841	25.3	50.6	2 514	8.8	40.8
ENGAGEMENT IN VIOLENCE OUTSIDE THE HOME																		
PARTICIPATED IN A GANG	2 373	2.9	10.9	1 771	6.6	28.6	973	4.4	14.3	1 422	6.4	26.4	846	15.3	44.2	2 524	7.5	31.7
INVOLVED IN FIGHTS WITH WEAPONS	2 373	4.8	16.8	1 772	8.0	27.2	973	6.9	23.4	1 425	9.8	36.8	845	19.9	45.8	2 520	13.0	37.6

**STATISTICAL APPENDIX
TABLE 15**

MULTIVARIATE REGRESSION MODELS OF FACTORS ASSOCIATED WITH NON-PARTNER RAPE PERPETRATION, BY COUNTRY AND ADJUSTED FOR ALL SIGNIFICANT FACTORS AND AGE AND SITE

RISK FACTORS	BANGLADESH		CAMBODIA		CHINA		PAPUA NEW GUINEA		INDONESIA		SRI LANKA	
	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE	OR (CI)	P VALUE
SOCIAL CHARACTERISTICS												
NO HIGH SCHOOL EDUCATION	
CURRENT FOOD INSECURITY		1.55 (1.08-0.02)	0.019	1.49 (1.02-2.17)	0.039	..	
EVER MARRIED OR COHABITATED		0.29 (0.11-0.73)	0.009					..	
VICTIMIZATION HISTORY												
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT		3.76 (1.57-9.01)	0.003			..		4.08 (1.91-8.72)	<0.001
CHILDHOOD PHYSICAL ABUSE		1.80 (1.21-2.67)	0.003	
CHILDHOOD SEXUAL ABUSE		3.15 (1.77-5.60)	<0.001			1.81 (1.19-2.76)	0.006	..	
EXPERIENCED HOMOPHOBIC ABUSE	2.94 (1.48-5.84)	0.002	6.12 (2.51-14.90)	<0.001	
SEXUAL VICTIMIZATION (INCLUDING RAPE)		3.26 (1.25-8.53)	0.016	2.25 (1.09-4.63)	0.028	2.44 (1.43-4.16)	0.001	..	
GENDER ATTITUDES AND RELATIONSHIP PRACTICES												
ANY PHYSICAL INTIMATE PARTNER VIOLENCE	3.02 (1.64-5.56)	<0.001				1.97 (1.44-2.71)	<0.001	3.31 (1.86-5.88)	<0.001
2-3 LIFETIME SEXUAL PARTNERS	9.60 (4.34-21.27)	<0.001	2.43 (1.40-4.21)	0.002	2.58 (1.20-5.59)	0.016	3.35 (2.20-5.10)	<0.001	3.25 (2.27-4.66)	<0.001	3.21 (1.51-6.84)	0.003
4+ LIFETIME SEXUAL PARTNERS	14.23 (5.94-34.13)	<0.001	4.64 (2.65-8.15)	<0.001	5.17 (2.38-11.21)	<0.001	5.28 (3.36-8.29)	<0.001	6.34 (4.17-9.63)	<0.001	4.13 (1.97-8.63)	<0.001
TRANSACTIONAL SEX	3.26 (1.82-5.82)	<0.001	5.99 (3.18-11.27)	<0.001	..		2.51 (1.74-3.63)	<0.001	3.37 (2.40-4.74)	<0.001	5.82 (3.17-10.68)	<0.001
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE												
EMPATHY	0.89 (0.81-0.99)	0.031		0.92 (0.88-0.97)	0.002	
DEPRESSION	..		1.64 (1.05-2.55)	0.029	
LIFE SATISFACTION	
CURRENT DRUG USE	..		4.35 (2.40-7.88)	<0.001	
ALCOHOL PROBLEMS	..		1.80 (1.10-2.94)	0.019	3.05 (1.38-6.74)	0.006	1.88 (1.30-2.72)	0.001	1.66 (1.16-2.38)	0.006	..	
ENGAGEMENT IN VIOLENCE OUTSIDE THE HOME												
PARTICIPATED IN A GANG	..		1.95 (1.10-3.46)	0.022	..		2.25 (1.48-3.43)	<0.001	1.76 (1.19-2.59)	0.005	..	
INVOLVED IN FIGHTS WITH WEAPONS		2.33 (1.56-3.45)	<0.001	1.53 (1.07-2.17)	0.019	..	

**STATISTICAL APPENDIX
TABLE 16**

**POPULATION ATTRIBUTABLE FRACTIONS (PAFs) FOR INTIMATE PARTNER
VIOLENCE PERPETRATION, COMBINED DATA SET**

FACTORS ASSOCIATED WITH INTIMATE PARTNER VIOLENCE	PAF	LOWER CI	UPPER CI
SOCIAL CHARACTERISTICS			
NO HIGH SCHOOL EDUCATION	0.076	0.035	0.112
CURRENT FOOD INSECURITY	0.084	0.045	0.119
VICTIMIZATION HISTORY			
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	0.281	0.207	0.346
CHILDHOOD PHYSICAL ABUSE	0.096	0.048	0.137
CHILDHOOD SEXUAL ABUSE	0.068	0.038	0.094
WITNESSED ABUSE OF MOTHER	0.117	0.082	0.148
GENDER ATTITUDES AND RELATIONSHIP PRACTICES			
INEQUITABLE GENDER ATTITUDES	0.058	0.033	0.079
CONTROLLING BEHAVIOR	0.046	0.030	0.059
FREQUENT QUARRELING WITH PARTNER	0.261	0.230	0.288
2+ LIFETIME SEXUAL PARTNERS	0.251	0.203	0.292
EXCHANGE SEX	0.104	0.082	0.123
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE			
DEPRESSION	0.109	0.071	0.143
ALCOHOL PROBLEMS	0.058	0.033	0.079
ENGAGEMENT IN VIOLENCE OUTSIDE THE HOME			
PARTICIPATED IN A GANG	0.038	0.013	0.059
INVOLVED WITH FIGHTS WITH WEAPONS	0.049	0.022	0.072

Note: CI = confidence interval.

**STATISTICAL APPENDIX
TABLE 17**

POPULATION ATTRIBUTABLE FRACTIONS (PAFS) VALUES FOR NON-PARTNER RAPE, COMBINED DATA SET

FACTORS ASSOCIATED WITH ALL NON-PARTNER RAPE	PAF	LOWER CI	UPPER CI
SOCIAL CHARACTERISTICS			
CURRENT FOOD INSECURITY	0.086	0.015	0.144
VICTIMIZATION HISTORY			
CHILDHOOD EMOTIONAL ABUSE OR NEGLECT	0.244	0.083	0.372
CHILDHOOD SEXUAL ABUSE	0.127	0.081	0.164
EXPERIENCED HOMOPHOBIC ABUSE	0.044	0.017	0.062
SEXUAL VICTIMIZATION (INCLUDING RAPE)	0.063	0.040	0.080
GENDER ATTITUDES AND RELATIONSHIP PRACTICES			
ANY PHYSICAL INTIMATE PARTNER VIOLENCE	0.223	0.163	0.273
2+ LIFETIME SEXUAL PARTNERS	0.563	0.518	0.600
TRANSACTIONAL SEX	0.482	0.431	0.524
PSYCHOLOGICAL FACTORS AND SUBSTANCE ABUSE			
DEPRESSION	0.105	0.034	0.165
PAST-YEAR DRUG USE	0.069	0.021	0.106
ALCOHOL PROBLEMS	0.133	0.082	0.175
ENGAGEMENT IN VIOLENCE OUTSIDE THE HOME			
PARTICIPATION IN A GANG	0.122	0.073	0.162
INVOLVED IN FIGHTS WITH WEAPONS	0.151	0.104	0.189

Note: CI = confidence interval.