

APPENDIX

Supplemental Table 1

Associations between Selected Confounders and Key Suicide Outcomes in the 2016 WHO STEPwise Survey in Guyana (n = 2 661).

Variable		MH1 – Seriously considered suicide (past 12 months) n (%)	p-value	MH4 – Ever attempted suicide n (%)	p-value	MH5 – Attempted suicide (past 12 months) n (%)	p-value
Age years, Mean (SD)		33.82 (12.12)	<0.001	35.54 (13.71)	0.034	36.37 (14.47)	0.713
Sex	Men	35 (2.7%)	<0.001	27 (2.1%)	0.002	9 (34.6%)	0.615
	Women	81 (6.0%)		55 (4.1%)		16 (29.1%)	
Ethnicity	East Indian	31 (2.9%)	<0.001	31 (2.9%)	0.843	7 (21.9%)	0.382
	African	32 (4.1%)		23 (3.0%)		10 (43.5%)	
	Amerindian	10 (3.6%)		8 (2.9%)		3 (37.5%)	
	Mixed + Other	42 (7.7%)		20 (3.7%)		6 (30.0%)	
Marital status	Never married / Separated / Divorced	39 (3.9%)	0.160	41 (4.1%)	0.015	14 (34.1%)	0.664
	Married / Cohabiting	40 (3.9%)		19 (1.9%)		7 (35.0%)	
	Widowed	36 (5.7%)		21 (3.3%)		5 (23.8%)	
Education	≤ Primary	59 (4.2%)	0.029	45 (3.2%)	0.549	15 (33.3%)	0.893
	Secondary	49 (5.5%)		29 (3.3%)		9 (31.0%)	
	≥ Tertiary	8 (2.2%)		8 (2.2%)		2 (25.0%)	
Income (GYD)	< 900k	61 (4.5%)	0.053	45 (3.3%)	0.275	14 (31.1%)	0.299
	900k – 1.5M	25 (6.2%)		10 (2.5%)		1 (11.1%)	
	> 1.5M	11 (2.7%)		8 (1.9%)		1 (12.5%)	
Employment	Employed (any)	62 (3.5%)	0.001	43 (2.4%)	0.015	11 (25.6%)	0.447
	Homemaker	35 (7.4%)		19 (4.0%)		8 (40.0%)	
	Retired / Unemployed / Student	18 (4.6%)		19 (4.9%)		7 (36.8%)	
	Regions 1–3	37 (5.7%)		24 (3.7%)		6 (25.0%)	
Region	Region 4 (Urban)	51 (4.6%)	0.029	31 (2.8%)	0.567	12 (38.7%)	0.534
	Regions 5–10	27 (3.0%)		27 (3.0%)		8 (29.6%)	

Source: Prepared by the authors based on the study data.

Supplemental Table 2

Crude Odds Ratios for Alcohol Consumption Categories and Suicide Related Behaviours in the 2016 WHO STEPwise Survey in Guyana (n = 2 661).

Suicide related outcomes		Group 2: Drinker but None in past 30 days (cOR, 95% CI)	p- value	Group 3: Drinker but <6 drinks in past 30 days (cOR, 95% CI)	p- value	Group 4: Drinker ≥6 drinks in past 30 days (cOR, 95% CI)	p- value
MH1. Seriously considered attempting suicide in past 12 months (n=2658)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	0.90 (0.52 - 1.54)	0.696	0.84 (0.51 - 1.36)	0.469	0.92 (0.54 - 1.57)	0.752
MH2. Sought professional help for these thoughts (n=118)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	0.39 (0.08 - 1.88)	0.24	0.87 (0.28 - 2.72)	0.812	0.36 (0.07 - 1.79)	0.213
MH3. Made a plan in past 12 months (n=117)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	2.48 (0.83 - 7.44)	0.105	0.70 (0.23 - 2.14)	0.527	3.08 (1.04 - 9.12)	0.042
MH4. Ever attempted suicide (n=2657)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	0.76 (0.39 - 1.49)	0.429	0.76 (0.42 - 1.37)	0.353	1.10 (0.61 - 2.00)	0.746
MH5. Attempted suicide in past 12 months (n=85)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	2.35 (0.60 - 9.21)	0.219	0.77 (0.20 - 3.03)	0.712	1.62 (0.47 - 5.54)	0.445
MH7. Sought medical care for the attempt (n=84)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	1.17 (0.31 - 4.43)	0.823	0.55 (0.15 - 2.04)	0.37	1.06 (0.32 - 3.44)	0.928
MH8. Admitted overnight because of the attempt (n=85)	No	1 (ref)		1 (ref)		1 (ref)	
	Yes	0.45 (0.08 - 2.43)	0.35	1.06 (0.30 - 3.69)	0.929	0.86 (0.24 - 3.11)	0.816

Supplemental Table 2 (continued)

Suicide related outcomes		Group 2: Drinker but None in past 30 days (cOR, 95% CI)	<i>p</i> - value	Group 3: Drinker but <6 drinks in past 30 days (cOR, 95% CI)	<i>p</i> - value	Group 4: Drinker ≥6 drinks in past 30 days (cOR, 95% CI)	<i>p</i> - value
MH9. Close family ever attempted suicide (n=2625)	No	1 (ref)	0.009	1 (ref)	0.946	1 (ref)	0.051
	Yes	1.58 (1.12 - 2.23)		1.01 (0.72 - 1.43)		1.42 (1.00 - 2.03)	
MH10. Close family died from suicide (n=2636)	No	1 (ref)	0.056	1 (ref)	0.031	1 (ref)	0.059
	Yes	1.41 (0.99 - 2.01)		0.65 (0.44 - 0.96)		1.40 (0.99 - 2.00)	

Source: Prepared by the authors based on the study data.