

Noncommunicable Conditions

among Religious Leaders

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INTRODUCTION

Design and methods

The current study employed objectivist epistemology by way of a correlational cross-sectional design (Babbie, 2010; Crotty, 2005; Leedy and Osmond, 2016; Neuman, 2014). The population for this research was leaders who serve in the Seventh-day Adventist churches in Central Jamaica (St. Catherine, Clarendon, and Manchester). Initially, the researchers chose a simple random probability sample of the number of pastors, associate pastors, and first elders in the various Churches in Central Jamaica. A sample size was calculated based on the number of pastors, associate pastors and first elders in Central Jamaica (approximately 240 people), a 95% confidence interval and a 5% margin of error. The result was a sample size of 148 leaders, which is smaller than the stipulated recommended number of people by different scholars for logistic regression analyses. Long 1997. Hence the researcher changed the sample design to one of total population-selection. For total-population selection, the researcher expanded the sample unit to all board members who serve in the churches in Central Jamaica. This decision was taken as it provided more leaders than initially sought, and this makes it generalizable to the population of leaders in the churches in Central Jamaica. Accordingly, all leaders serving in the churches in Central Jamaica were given a copy of the instrument. It was estimated that there are 350 board members. As such, an instrument was sent to all board members by way of their Pastors and/or First Elders to be completed and returned for data analysis. The response rate was approximately 60%.

A standardized questionnaire was developed to evaluate the various research objectives. This was statistished from September to Descenber 2019. The general instrument consists of two major established questionnaires (FMLO 50) and Self-exported health status (SF-30), which were designed by Boss and Anelio (1986, 1997, 2000) and MAND Corporation respectively.

FINDINGS

Of the respondents, the majority were females (61 per cent), and married (66.1 per cent), with the average age being 52.1 years. Furthermore, 56.9 per cent of the leaders self-reported at least one noncommunicable disease (faible 1).

Demographic characteristics of samplest respondents, n=266		
best	H (D)	
Senter	710	
Reto	11-03-6	
Female	117.88-0	
BATTAL STATE		
Securitoria	M-08-ts	
Revised	UD-ma, to	
Common Gave	403	
Historical	+0.0	
Brendel	11.6.6	
Tegorided	1-0.00	
Molekey	50/0	
Non-communicable diseases		
No.	88 (40.1)	
les.	114 (86.9)	
Mostflow's seeking behaviour		
No.	48 (03.4)	
Tes.	194(22.6)	
Religiosity	Attimus (sarge + 15 days)	
Age sohort:		
Orlidren (Less than 16 years)	10.0	
Frang solution (10-30 years)	34 (RLT)	
Dider whits (30-64 years)	108 (57.5)	
Trong old (67-TV years)	11 (0.1)	
Biol-old (75-bit years	14 (7.5)	
Distract rold (RE1 years)	1 (8.8)	

Table 2 shows a cross-tabulation between aggregate self-reported noncommunibab disease and health care seeking behaviour of religious SDA leaders who served in Central Jamaica. Seventy-two and two tenths per cent of those who reported having a noncommunicable disease sought medical care in the studied period compared to 84.5 per cent of those who did not report a noncommunicable condition (x) (2(df-11e.42.1) = 0.042).

Table 2: Aggregate self-reported noncommunicable diseases by

Betalls	Management	Manusmmunicable	
	No.	701	9 (3)
	9.00	9 (7)	
Realthours sanking behaviour			
90	10 (15.15)	10 (07/0)	40 (31.4)
No.	21 (84.5)	10 (73.3)	154 (77.4)
Tetal	84	118	une

Table 4 presents the disaggregation of the responses of the sampled respondents on the two aforementioned variables. Of those who self-reported having at least a noncommunicable disease, 93.1 per cent of them reported being libraich in the survey period companed to 33.7 per cent of those who did not report a noncommunicable disease (fable 3). Furthermore, 43.5 per cent of the sampled religious SDA feaders who serve in Central Jamaica reported being tilraich in the studied period.

> Aggregate off-reported noncommunicable disease by reported being III, ou FM

	Noncommunicative		Test	
Details.	Sec	Sea	16 (50)	
	9.00	NO.		
Reported being III				
100	55 (66.3)	47 (40.74	101 (51.5)	
160	28-08-Pt	68 (SP.71	90.00	
Strail	10	115	198	

g2(afi-1)=12,620, P < 0.0001, \$\phi = 0.251\$. Using independent is sample-t-test of selected nencemmunicable diseases and the age of respondents, the results are presented in Table 4. Based on the analyses, only portioular nencemmunicable diseases (sickle cell, sickle cell trafts, chronic respiratory conditions, and major depression) were there no statistical difference in age for those who self-reported and not reported cases of the linese (P > 0.051).

FINDINGS CONT'D

Selected noncommunicable diseases among sampled respondents, n=

Details		Age in years (Mean±SD)	Lustee	
Heart disease	Yes	70.3±16.0	tus=-3.943,	
	No	49.0±12.1	P<0.0001	
Diabetes mellitus	Yes	60.9±10.3	t ₁₁₅ =-2.913, P=0.01	
	No	49.1±16.0		
Hypertension	Yes	58.4±13.1	t ₁₂₅ =-5.213,	
	No	46.0±16.5	P<0.0001	
High Cholesterol	Yes	59.7±12.8	t ₁₈₆ =-4.076,	
	No	47.7±16.4	P=0.0001	
Stroke	Yes	62.0±6.1	t ₁₈₆ =-3.752, P=0.015	
	No	49.8±16.5		
Ridney disease	Tes	10.4(1.0)	5-4.419, P-0.089	
	No	20.4616.4		
Misjar dispression	Per	58.9421.0	Q=0.696, P-0.00	
	No.	49.7614.3		
Enlarged Cancer	Tes	47.148.4	Nat 1276, P-639	
	No.	48.55%.0		
Ovenic reprintery	764	28.1179.5	Cor-0.48F, P-8.6S	
	No	49.5114.1		
Stelle Cell	No.	98-2111-3	No. 1 480, P-0.175	
	No.	49.8614.5		
State Cell trads	Tes	10.15(0.0)	\$10 E11, P-0.808	
	No.	50.0456.6		
Arthritis	New	\$7,546.5	No. 3 J. 14, P-6 004	
	No.	48.2514.0		
All representationals diseases?	Tes	94.4678.0	Sept. 7.388.	
	No	40.8413.9	P-0-0001	

*Excluded reajor depression

The most prevalent noncommunicable diseases reported by the respondents were hypertension (28.9 per cent), high cholesterol and arthritis (18.6 per cent, respectively), chronic respiratory disease or failure (8.6 per cent), and disbetes (8.5 per centi-Table 5.

Table 1: Selected concommunicable allocates among sampled respondents, in

	Gender		76681	
Betalis	Adie	Penale	er (n)	
	H (N)	H(N)		
Reart disease	2 (1.4)	6 (5-1)	10-14-91	
Babatas malifico	3 (4.3)	ECR-N	11 (8.5)	
Hypertension	19 (35.3)	37 (21.4)	59 (38.5)	
High Cholestensi	14 (18-4)	34 (30.3)	38 (18.6)	
Strate	1 (1.4)	1 (1.7)	4 (2.0)	
Eldrey disease	0 (0.0)	3 (2.1)	4 (2.0)	
Najor depression	2 (1.4)	1 (4.1)	7 (3.4)	
Drianged Concer	10 (13.0)	8 (9.4)	10 (4.8)	
Ovenic reginatory	7 (9.2)	10 (8.5)	18 (8.8)	
Sickle Cell.	1 (1.3)	4 (3.4)	5 (2.5)	
Sickle Cell traits	5 (6.40)	5 (4.1)	10 (4.9)	
Arthrop	19 (19.1)	27 (21.8)	38 (18.6)	
att remcommunicable disease?"	49 (59.1)	67-031-0-	116 (96.9	

Fifty-nine (n=111) per cent of the respondents reported having been diagnosed with at least one noncommunicable condition. Of those who reported having at least one noncommunicable condition (5%, n=111), 51% were of 31-64 years, 31.5% were at least 65 years old (elderly), 16.2% young adults, and 1.8% children (Table 6).

Table 6 lge cohort of respondents by self-reported noncommunicable conditions, n=188

Details	Reported being diagnosed with at least one sonosmounicable condition		
	No	Yes	
	1 (%)	n (fb)	
Age cohort			
Children (< 16 years)	1 (1.1)	2 (7.4)	
Young adults (16-10 years)	21 (27.3)	18 (16.2)	
Other aged soluto (31-64)	52 (67.5)	56 (59.5)	
Young-Old (65-74)	10.9	22 (19.4)	
066-066	2 (2.44	12 (10.0)	
Oldest-Old	0 (0.0)	1 (0.9)	
Total.	77	1111	
sit	22,450		
Protes	-8.0001		



In concluding, noncommunicable diseases among religious SDA leaders in Jamaica are a source of concern and are undoubtedly affecting the cognitive and decision-making capabilities of these leaders. This reality is a cause for concerns as NCDs is retarding lifestyle expectancy of Jamaicans including SDA leaders, and as such this research provides the bedrock/ foundation for more inquiries to address the NCD pandemic among religious and non-religious Jamaicans.

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