

# **The Language Attitude Survey of Jamaica**

## **DATA ANALYSIS**

**THE JAMAICAN LANGUAGE UNIT  
DEPARTMENT OF LANGUAGE, LINGUISTICS & PHILOSOPHY  
FACULTY OF HUMANITIES & EDUCATION  
UNIVERSITY OF THE WEST INDIES, MONA**

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## **Executive Summary**

The Language Attitude Survey of Jamaica (LAS) was an island wide study conducted by the Jamaican Language Unit (JLU) to assess the views of Jamaicans towards Patwa (Jamaican Creole) as a language. The sample consisted of 1,000 Jamaicans, stratified along the variables of region (western, central and eastern), area (urban and rural), age (18-30yrs, 31-50yrs and 51yrs and older) and gender.

The sample, in general, had a fairly positive view of Patwa. The majority felt that Patwa was a language and that parliament should make it an official language alongside English. Most indicated that they spoke Patwa with family and friends but not with strangers and co-workers. A significant majority of the sample also felt that a school that taught in English and Patwa would be better than an English only school for Jamaican children.

Despite this, several stereotypical views of Patwa were held by a number of respondents in the sample. For instance, most people felt that an English speaker was more intelligent and educated. Additionally, less than 10% of the sample thought, that a Patwa speaker would have more money than an English speaker.

Several significant relationships were found between the demographic and language variables. The oldest age group (51 years and older) tended to have more negative or conservative views of Patwa when compared with the younger age groups.

Occupation also seemed to have a significant impact on language variables. Though still relatively positive, unskilled/housewives and unemployed individuals tended to be more likely to have negative attitudes towards Patwa.

## Data Presentation and Report for Language Attitude Survey of Jamaica

### *A. Profile of the Sample*

The Language Attitude Questionnaire, which is a part of a study conducted by the Jamaican Language Unit (JLU), was randomly administered to a total of 1,000 Jamaican respondents. The purpose of this section is to provide an overview of the demographic characteristics of these participants, as well as how these characteristics were used to design the sample structure for the survey.

<b>Table 1: Demographic Variables for Survey (N=1,000)</b>		<b>Frequency (%)</b>
<b>Region</b>	<i>Western</i>	<i>200 (20%)</i>
	<i>Central</i>	<i>200 (20%)</i>
	<i>Eastern</i>	<i>600 (60%)</i>
<b>Area</b>	<i>Urban</i>	<i>519 (51.9%)</i>
	<i>Rural</i>	<i>481 (48.1%)</i>
<b>Gender</b>	<i>Male</i>	<i>501 (50.1%)</i>
	<i>Female</i>	<i>499 (49.9%)</i>
<b>Age Groups</b>	<i>18-30yrs</i>	<i>334 (33.4%)</i>
	<i>31-50yrs</i>	<i>334 (33.4%)</i>
	<i>51-80+yrs</i>	<i>332 (33.2%)</i>

As can be seen in table 1, the majority of respondents were from eastern parishes (60%), while western and central parishes equally comprised the remaining 40% of the sample. In terms of urban and rural parishes, respondents constituted 51.9% and 41.8% of these areas respectively.

There was little difference in the number of male and female respondents with the male proportion being slightly larger at 51.1%. This equality between groups was also true of the three age groups in the sample, with 18-30 year olds, 31-50 year olds and those 51 years or older, representing roughly a third of the sample each.

Table 2: Sample Structure (N=1,000)					
		Age Groups			
			18-30yrs	31-50yrs	51-80+yrs
<b>Western</b>	<b>Urban</b>	<i>Males</i>	17 (50%)	17 (50%)	17 (51.5%)
		<i>Females</i>	17 (50%)	17 (50%)	16 (48.5%)
		<b>All Sexes</b>	<b>34</b>	<b>34</b>	<b>33</b>
	<b>Rural</b>	<i>Males</i>	17 (51.5%)	17 (51.5%)	16 (48.5%)
		<i>Females</i>	16 (48.5%)	16 (48.5%)	17 (51.5%)
		<b>All Sexes</b>	<b>33</b>	<b>33</b>	<b>33</b>
<b>All Areas</b>		<b>67</b>	<b>67</b>	<b>66</b>	
<b>Central</b>	<b>Urban</b>	<i>Males</i>	17 (50%)	17 (51.5%)	16 (37.2%)
		<i>Females</i>	17 (50%)	16 (48.5%)	27 (62.8%)
		<b>All Sexes</b>	<b>34</b>	<b>33</b>	<b>43</b>
	<b>Rural</b>	<i>Males</i>	17 (51.5%)	16 (47.1%)	17 (73.9%)
		<i>Females</i>	16 (48.5%)	18 (52.9%)	6 (26.1%)
		<b>All Sexes</b>	<b>33</b>	<b>34</b>	<b>23</b>
<b>All Areas</b>		<b>67</b>	<b>67</b>	<b>66</b>	
<b>Eastern</b>	<b>Urban</b>	<i>Males</i>	50 (50%)	50 (50%)	58 (53.7%)
		<i>Females</i>	50 (50%)	50 (50%)	50 (46.3%)
		<b>All Sexes</b>	<b>100</b>	<b>100</b>	<b>108</b>
	<b>Rural</b>	<i>Males</i>	50 (50%)	50 (50%)	42 (45.7%)
		<i>Females</i>	50 (50%)	50 (50%)	50 (54.3%)
		<b>All Sexes</b>	<b>100</b>	<b>100</b>	<b>92</b>
<b>All Areas</b>		<b>200</b>	<b>200</b>	<b>200</b>	
<b>Total</b>			<b>334</b>	<b>334</b>	<b>332</b>

Region (western, central and eastern), area (urban and rural), age (18-30yrs, 31-50yrs and 51yrs and older) and gender were the variables used to design the stratified sample for the LAS. In the final analysis 36 individual strata broken down by the four key variables were formed.

As has been previously indicated the majority of the sample came from the eastern region, this meant that the twelve strata found in this region were significantly larger than the twenty four found in the other regions. The strata in the western and central regions were more less equal to each other, with the exception of the central region's, rural, 51 years and older female group (which was relatively smaller) and the central region's, urban, 51 years and older female group (which was relatively larger).



### ***B. Language Awareness***

Having gathered demographic information, the second major subsection of the Language Attitude questionnaire was Language Awareness. This section had questions on what languages respondents declared themselves speakers of, and to whom respondents spoke English and Patwa. It should be noted that the languages of focus for this project were English and Patwa, this meant that any other languages that participants declared they spoke outside of these languages were ignored.

<b>Table 3: Sample Distribution of Languages Spoken (N=1,000)</b>			
<b>What Languages do you Speak?</b>		<b>Frequency</b>	<b>(%)</b>
<i>English</i>		<i>109</i>	<i>(89.3%)</i>
<i>Patwa</i>		<i>105</i>	<i>(88.9%)</i>
<i>Both</i>		<i>784</i>	<i>(78.4%)</i>
<b>To whom do you speak?</b>		<b>Frequency</b>	<b>(%)</b>
<b>English</b>	<i>Friends/Family only</i>	<i>79</i>	<i>7.9%</i>
	<i>Strangers/Co-workers</i>	<i>571</i>	<i>57.1%</i>
	<i>Everyone</i>	<i>262</i>	<i>26.2%</i>
	<i>No One</i>	<i>88</i>	<i>8.8%</i>
<b>Patwa</b>	<i>Friends/Family only</i>	<i>629</i>	<i>62.9%</i>
	<i>Strangers /Co-workers</i>	<i>32</i>	<i>3.2%</i>
	<i>Everyone</i>	<i>285</i>	<i>28.5%</i>
	<i>No One</i>	<i>54</i>	<i>5.4%</i>

As can be seen from table 3, the majority of the sample stated that they spoke both English and Patwa (78.4%). Those who spoke English or Patwa only, were fewer than 11% of the sample each.

Several significant differences were observed with respect to whom respondents were most likely to speak English to as opposed to Patwa. Fifty seven per cent of the sample reported that they were most likely to speak English to strangers and co-workers. This is in sharp contrast to the 3.2% of the sample that said they were most likely to speak Patwa to the same group. The most likely group that respondents said they would speak Patwa

to, were friends and family at 62.9%. Again this is very different to the percentage of the sample that indicated they were most likely to speak English to friends and family (7.9%).

<b>Table 4: Languages Spoken by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Languages Spoken</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Both Count(%)</b>	
<b><math>\chi^2(2) = 11.94; p = 0.003</math></b>				
<i>Male</i>	59 (11.8%)	68 (13.6%)	372 (74.5%)	<i>n = 499</i> 100%
<i>Female</i>	50 (10%)	37 (7.4%)	412 (82.6%)	<i>n = 499</i> 100%
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Both Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 19.35; p = 0.001</math></b>				
<i>18-30yrs</i>	26 (7.8%)	22 (6.6%)	285 (85.6%)	<i>n = 333</i> 100%
<i>31-50yrs</i>	34 (10.2%)	39 (11.7%)	261 (78.1%)	<i>n = 334</i> 100%
<i>51-80+yrs</i>	49 (14.8%)	44 (13.3%)	238 (71.9%)	<i>n = 331</i> 100%
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Both Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(2) = 6.52; p = 0.038</math></b>				
<i>Urban</i>	69 (13.3%)	52 (10.1%)	396 (76.6%)	<i>n = 517</i> 100%
<i>Rural</i>	40 (8.3%)	53 (11%)	388 (80.7%)	<i>n = 481</i> 100%
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Both Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 13.92; p = 0.008</math></b>				
<i>Western</i>	13 (6.5%)	22 (11.1%)	164 (82.4%)	<i>n = 199</i> 100%
<i>Central</i>	18 (9%)	31 (15.5%)	151 (75.5%)	<i>n = 200</i> 100%
<i>Eastern</i>	78 (13%)	52 (8.7%)	469 (78.3%)	<i>n = 599</i> 100%

Table 4 summarizes a chi-square ( $\chi^2$ ) analysis of the languages spoken by the key demographic variables in the study. All four tests found statistically significant relationships between languages spoken and the variables ( $p < 0.05$ ).

With regards to gender, men were more likely than women to speak Patwa only (13.6% versus 7.4%). Women on the other hand, were 8% more likely than men to speak both

English and Patwa. The contingency coefficient showed that this relationship, though significant, was fairly weak ( $C = 0.109$ ).

Younger age groups were more likely to state that they spoke both English and Patwa when compared to older age groups. Eighty six per cent of the 18-30 year age group indicated that they spoke both languages; this was just under 8% more than the 31-50 year (78.1%) age group and 14% more than the 51 year and older group (71.9%). Additionally, the two oldest age groups were more likely than the youngest age group to declare they spoke English only or Patwa only. The contingency coefficient found that the relationship was only slightly stronger than the relationship with gender ( $C = 0.139$ ).

With regards to the relationship between area and languages spoken, individuals from rural areas were more likely to speak both languages (80.7%), than those from urban areas 76.6%. There was only a minimal difference between the two areas in terms of the percentages of those who spoke Patwa only. The contingency coefficient found that this relationship was very weak ( $C = 0.081$ ).

Individuals from western parishes were the most likely to speak both languages (82.4%). This compares with 75.5% of individuals from central parishes and 78.3% of persons from eastern parishes. This trend changes when comparing the three regions in terms of speaking only English as here, eastern parishes at 13% had the highest proportion of the three regions. The strength of this relationship was weak ( $C = 0.117$ ).

Table 5: To whom do you speak by Gender, Age, Area & Region								
Gender	<sup>1</sup> English				<sup>2</sup> Patwa			
	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count (%)
$\chi^2(3) = 18.773; p = 0.000$ $\chi^2(3) = 31.68; p = 0.000$								
Male	42 (8.4%)	258 (51.5%)	141 (28.1%)	60 (12%)	274 (54.7%)	23 (4.6%)	168 (33.5%)	36 (7.2%)
Female	37 (7.4%)	313 (62.7%)	121 (24.2%)	28 (5.6%)	355 (71.1%)	9 (1.8%)	117 (23.4%)	18 (3.6%)
Age Groups	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)
$\chi^2(6) = 29.39; p = 0.000$ $\chi^2(6) = 36.17; p = 0.000$								
18-30yrs	25 (7.5%)	222 (66.5%)	73 (21.9%)	14 (4.2%)	245 (73.4%)	6 (1.8%)	75 (22.5%)	8 (2.4%)
31-50yrs	25 (7.5%)	190 (56.9%)	87 (26%)	32 (9.6%)	206 (61.7%)	12 (3.6%)	101 (30.2%)	15 (4.5%)
51-80+yrs	29 (8.7%)	159 (47.9%)	102 (30.7%)	42 (12.7%)	178 (53.6%)	14 (4.2%)	109 (32.8%)	31 (9.3%)
Area	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)
$\chi^2(3) = 11.50; p = 0.009$ $\chi^2(3) = 19.75; p = 0.000$								
Urban	52 (10%)	299 (57.6%)	133 (25.6%)	35 (6.7%)	349 (67.2%)	22 (4.2%)	118 (22.7%)	30 (5.8%)
Rural	27 (5.6%)	272 (56.5%)	129 (26.8%)	53 (11%)	280 (58.2%)	10 (2.1%)	167 (34.7%)	24 (5%)
Region	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)
$\chi^2(6) = 11.49; p = 0.074$ $\chi^2(6) = 11.51; p = 0.074$								
Western	14 (7%)	125 (62.5%)	38 (19%)	23 (11.5%)	121 (60.5%)	9 (4.5%)	65 (32.5%)	5 (2.5%)
Central	16 (8%)	110 (55%)	52 (26%)	22 (11%)	127 (63.5%)	8 (4%)	58 (29%)	7 (3.5%)
Eastern	49 (8.2%)	336 (56%)	172 (28.7%)	43 (7.2%)	381 (63.5%)	15 (2.5%)	162 (27.5%)	42 (7%)

Table 5 displays crosstabulations done with the key demographic variables and to whom individuals were most likely to speak Patwa and English. Males at 12% were most likely to speak English with no one when compared to females (5.6%).

While the majority of respondents from both genders said they were most likely to use English when addressing strangers/co-workers, females were 10% to do so. As it regards with whom individuals were most likely to speak Patwa, with males were 10% more likely than females to say everyone. Females on the other hand were approximately 16% more likely to indicate that they spoke Patwa to family/friends (71.1% versus 54.7%).

$\chi^2$  tests on both of these relationships were statistically significant at a level of significance of less than 0.01. The contingency coefficient for the relationship between gender and with whom you speak Patwa was 0.178, which was slightly larger than the relationship between gender and with whom you speak English ( $C = 0.137$ ). Both coefficients indicated fairly weak relationships.

The  $\chi^2$  test also found significant relationships between age and both language variables. With the exception of those who were 51 years and older, the majority of all age groups said they were most likely to speak English with strangers/co-workers only (18-30 years 66.5%, 31-50 years 56.9%, 51 years and older 47.9%). Older age groups were more likely to speak English to everyone when compared to younger age groups. Whereas 21.9% of 18-30 year olds responded that they spoke English to everyone, 26% of 31-50 year olds said they did so, compared to 30.7% of respondents 51 years or older.

Interestingly, the two older age groups were also more likely to speak Patwa to everyone compared to the youngest age group (30.2% and 32.8%, compared to 22.5%). The youngest age group at 73.4% was more likely than the other age groups to speak Patwa to family/friends only. The percentage of 51 year and older respondents who spoke Patwa to no one (9.3%), was larger than the percentage of 18-30 year olds and 31-50 year who claimed this (2.4% and 4.5% respectively).

The contingency coefficients for both relationships were weak, with the one for age in relation to whom you speak English with ( $C = 0.169$ ) being slightly smaller than the one for the relationship between age and whom you speak Patwa with ( $C = 0.190$ ).

The relationships between area and with whom you speak English and Patwa were both statistically significant. Both were however weak as the contingency coefficient for the relationship between area and with whom you speak English was 0.107, and the one for area and with whom you speak Patwa was 0.141.

A fairly equal majority of both urban and rural respondents stated that they were most likely to speak English to strangers/co-workers only (57.6% and 56.5% respectively). Urban participants were just under 5% more likely to speak English with family/friends only than individuals from rural areas.

At 67.2% urban individuals were also almost 10% more likely than rural participants (58.2%) to speak Patwa with family/friends only. However, rural respondents were 12% more likely to speak Patwa with everyone when compared to urban respondents.

$\chi^2$  tests on both language variables and region found no significant relationships. The majority of respondents in all regions were most likely to speak English to strangers/co-workers only, while the majority in all three regions spoke Patwa to family/friends only.

<b>Table 6: To whom do you speak Patwa by to whom do you speak English</b>					
<b>To whom do you speak English</b>	<b>To whom do you speak Patwa</b>				<b>TOTAL</b>
	<b>Family Count(%)</b>	<b>Strangers Count(%)</b>	<b>Everyone Count(%)</b>	<b>No One Count(%)</b>	
<b><math>\chi^2(9) = 409.44; p = 0.000</math></b>					
<b>Family</b>	59 (9.4%)	6 (18.8%)	10 (3.5%)	4 (7.4%)	<i>n = 79</i> <b>100%</b>
<b>Strangers</b>	482 (76.6%)	13 (40.6%)	74 (26%)	2 (3.7%)	<i>n = 571</i> <b>100%</b>
<b>Everyone</b>	75 (11.9%)	12 (37.5%)	130 (45.6%)	45 (83.3%)	<i>n = 262</i> <b>100%</b>
<b>No One</b>	13 (2.1%)	1 (3.1%)	71 (24.9%)	3 (5.6%)	<i>n = 88</i> <b>100%</b>

Table 7 shows the relationship between whom individuals spoke Patwa with and those they spoke English with. A chi-square test found this to be statistically significant relationship and the contingency coefficient showed that the relationship was a fairly strong one ( $C = 0.539$ ).

Those who spoke Patwa to family were the most likely group to speak English to strangers (76.6%). Additionally, 40.6% those who spoke Patwa to strangers were also likely to speak English to strangers. Unsurprisingly, the majority of respondents who said that they spoke Patwa to no one (83.3%) said that they spoke English to everyone.



### ***C. Government/Public Use***

The third subsection of the questionnaire sought to examine attitudes towards Patwa use by government officials.

<b>Table 7: If Minister made speech in Patwa would you think he is: (N=1,000)</b>	
	<b>Frequency (%)</b>
<i>Communicate better with the public</i>	<i>676 (67.8%)</i>
<i>Talk down to the masses</i>	<i>205 (20.6%)</i>
<i>None</i>	<i>116 (11.6%)</i>

When asked what they would think if the Prime Minister or Minister of Finance made his speech in Patwa, 67.8% of the sample responded that they would think he was trying to “communicate better with the public”. Only 20.6% of respondents believed that the Ministers would be trying to “talk down to the masses”.

<b>Table 8: If Minister made speech in Patwa by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>If Minister made speech in Patwa</b>			<b>TOTAL</b>
	<b>Communicate better with public Count(%)</b>	<b>Talk down to the masses Count(%)</b>	<b>None Count(%)</b>	
$\chi^2(2) = 3.43; p = 0.180$				
<i>Male</i>	349 (69.8%)	91 (18.2%)	60 (12%)	<i>n = 500 100%</i>
<i>Female</i>	327 (65.8%)	114 (22.9%)	56 (11.3%)	<i>n = 497 100%</i>
<b>Age Groups</b>	<b>Communicate better with public Count(%)</b>	<b>Talk down to the masses Count(%)</b>	<b>None Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 1.47; p = 0.832$				
<i>18-30yrs</i>	225 (67.4%)	71 (21.3%)	38 (11.4%)	<i>n = 334 100%</i>
<i>31-50yrs</i>	219 (66%)	71 (21.4%)	42 (12.7%)	<i>n = 332 100%</i>
<i>51-80+yrs</i>	232 (70.1%)	63 (19%)	36 (10.9%)	<i>n = 331 100%</i>
<b>Area</b>	<b>Communicate better with public Count(%)</b>	<b>Talk down to the masses Count(%)</b>	<b>None Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) = 3.22; p = 0.200$				
<i>Urban</i>	338 (65.3%)	115 (22.2%)	65 (12.5%)	<i>n = 518 100%</i>
<i>Rural</i>	338 (70.6%)	90 (18.8%)	51 (10.6%)	<i>n = 479 100%</i>
<b>Region</b>	<b>Communicate better with public Count(%)</b>	<b>Talk down to the masses Count(%)</b>	<b>None Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 12.45; p = 0.014$				
<i>Western</i>	152 (76.8%)	28 (14.1%)	18 (9.1%)	<i>n = 198 100%</i>
<i>Central</i>	133 (66.5%)	49 (24.5%)	18 (9%)	<i>n = 200 100%</i>
<i>Eastern</i>	391 (65.3%)	128 (21.4%)	80 (13.4%)	<i>n = 599 100%</i>

Table 7 shows how this government use variable was related to the key demographic variables. No statistical significance was observed for the relationships between government use and gender, age or area.

A  $\chi^2$  analysis of government use in relation to region was however significant. Respondents from western parishes at 76.8% were more than 10% more likely than individuals from central (66.5%) and eastern regions (65.3%) to think the ministers would be trying to “communicate better with the public”. By extension, people from central and eastern regions were more likely to view the ministers as “talking down to the masses” than those from western regions. The contingency coefficient showed that this was a weak relationship ( $C = 0.111$ ).

### ***D. Language Use and Social Stereotypes***

This represented the fourth section of the survey instrument and it sought to identify stereotype notions individuals hold about speakers of one language versus the other.

<b>Table 9: Sample Distribution of Stereotypes (N=1,000)</b>			
<b>Which Speaker do you think:</b>		<b>Frequency</b>	<b>(%)</b>
<b>Is more Intelligent</b>	<i>Patwa</i>	73	7.7%
	<i>English</i>	550	57.8%
	<i>Neither/Both</i>	329	34.6%
<b>Is more Honest</b>	<i>Patwa</i>	283	31%
	<i>English</i>	278	30.4%
	<i>Neither/Both</i>	353	38.6%
<b>Is more Educated</b>	<i>Patwa</i>	59	6.2%
	<i>English</i>	591	61.7%
	<i>Neither/Both</i>	308	32.2%
<b>Is more Friendly</b>	<i>Patwa</i>	379	39.8%
	<i>English</i>	240	25.2%
	<i>Neither/Both</i>	333	35%
<b>Has more Money</b>	<i>Patwa</i>	77	8.8%
	<i>English</i>	390	44.7%
	<i>Neither/Both</i>	406	46.5%
<b>Is more Helpful</b>	<i>Patwa</i>	300	31.9%
	<i>English</i>	292	31.1%
	<i>Neither/Both</i>	348	37%

#### **More Intelligent/More Honest**

Only 7.7% of the sample believed that a person speaking Patwa would be more intelligent than a person speaking English. Just over a third of the sample (34.6%) thought neither would be more intelligent. There were no major differences between the number of people who thought that either one of the speakers would be more honest. Thirty one per

cent felt that the Patwa speaker would be more honest, compared to 30.4% who thought the English speaker would be more honest.

### **More Educated/More Friendly**

Unsurprisingly, the pattern for the speaker who respondents thought would be more educated was very similar to the one observed for intelligence. Only 6.6% of the sample believed that the Patwa speaker would be more educated compared with 61.7% who thought the English speaker would be more educated. A larger proportion of the sample (39.8%) thought that the Patwa speaker was friendlier. This is in contrast to the 25.2% who thought that the English speaker was friendlier.

### **More Money/More Helpful**

Only 8.8% of the sample thought that the Patwa speaker would have more money. It should be noted however that 46.5% of the sample felt that neither would have more money. There were no major differences in the number of people who thought the Patwa speaker would be more helpful versus those who thought the English speaker would be more helpful.

<b>Table 10: Who is more Intelligent by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Which speaker is more Intelligent</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(2) = 6.78; p = 0.034$				
<i>Male</i>	260 (53.9%)	44 (9.1%)	178 (36.9%)	<i>n = 482</i> 100%
<i>Female</i>	290 (61.7%)	29 (6.2%)	151 (32.1%)	<i>n = 470</i> 100%
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 5.01; p = 0.286$				
<i>18-30yrs</i>	182 (56.7%)	24 (7.5%)	115 (35.8%)	<i>n = 321</i> 100%
<i>31-50yrs</i>	172 (55.3%)	21 (6.8%)	118 (37.9%)	<i>n = 311</i> 100%
<i>51-80+yrs</i>	196 (61.3%)	28 (8.8%)	96 (30%)	<i>n = 320</i> 100%
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) = 9.85; p = 0.007$				
<i>Urban</i>	272 (56.2%)	27 (5.6%)	185 (38.2%)	<i>n = 484</i> 100%
<i>Rural</i>	278 (59.4%)	46 (9.8%)	144 (30.8%)	<i>n = 468</i> 100%
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 15.73; p = 0.003$				
<i>Western</i>	127 (66.1%)	10 (5.2%)	55 (28.6%)	<i>n = 192</i> 100%
<i>Central</i>	121 (62.1%)	20 (10.3%)	54 (27.7%)	<i>n = 195</i> 100%
<i>Eastern</i>	302 (53.5%)	43 (7.6%)	220 (38.9%)	<i>n = 565</i> 100%

A  $\chi^2$  analysis of intelligence with the demographic variables found significant relationships for all of the variables, except age.

#### **More Intelligent by Gender**

Approximately 62% of female respondents thought that the English speaker would be more intelligent compared to 54% of males. Males were slightly more likely than females

to think that either the Patwa speaker was more intelligent or that neither speaker was more intelligent. The contingency coefficient showed that this relationship was very weak ( $C = 0.084$ ).

### **More Intelligent by Area**

Urban respondents were somewhat more likely than rural respondents to think that neither the English nor the Patwa speaker was more intelligent (38.2% versus 30.8%). On the other hand, rural residents were slightly more likely to think that the Patwa speaker was more intelligent. The contingency coefficient found a weak relationship between intelligence and area ( $C = 0.101$ ).

### **More Intelligent by Region**

There was also a significant relationship between region and intelligence. Individuals from eastern regions were up to 13% less likely than individuals from western and central regions to think that the English speaker was more intelligent (53.5% compared to 66.1% and 62.1%). Eastern regions were more likely to think that neither speaker was more intelligent (38.9% compared to 28.6% and 27.7%). The relationship between region and intelligence was found to be a fairly weak one ( $C = 0.128$ ).

<b>Table 11: Who is more Honest by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Which speaker is more Honest</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
<b><math>\chi^2(2) = 3.14; p = 0.208</math></b>				
<i>Male</i>	133 (28.5%)	156 (33.5%)	177 (38%)	<i>n = 466</i> 100%
<i>Female</i>	145 (32.4%)	127 (28.3%)	176 (39.3%)	<i>n = 488</i> 100%
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 9.44; p = 0.051</math></b>				
<i>18-30yrs</i>	79 (25.5%)	108 (34.8%)	123 (39.7%)	<i>n = 310</i> 100%
<i>31-50yrs</i>	93 (30.3%)	87 (28.3%)	127 (41.4%)	<i>n = 307</i> 100%
<i>51-80+yrs</i>	106 (35.7%)	88 (29.6%)	103 (34.7%)	<i>n = 297</i> 100%
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(2) = 11.61; p = 0.003</math></b>				
<i>Urban</i>	124 (27%)	133 (29%)	202 (44%)	<i>n = 459</i> 100%
<i>Rural</i>	154 (33.8%)	150 (33%)	151 (33.2%)	<i>n = 455</i> 100%
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 11.92; p = 0.018</math></b>				
<i>Western</i>	70 (37%)	55 (29.1%)	64 (33.9%)	<i>n = 189</i> 100%
<i>Central</i>	67 (36.2%)	54 (29.2%)	64 (34.6%)	<i>n = 185</i> 100%
<i>Eastern</i>	141 (26.1%)	174 (32.2%)	225 (41.7%)	<i>n = 540</i> 100%

### More Honest by Age

No significant relationship was found between honesty and gender or age. With regard to age however, a sizeable difference was observed between the youngest and oldest age groups as the 51 year and older group was more than 10% more likely to think that the English speaker was more honest (35.7%) than the younger age group (25.5%). The



youngest age group also had the highest percentage of those who thought that the Patwa speaker would be more honest.

### **More Honest by Area**

Urban respondents were significantly more likely to think that neither the Patwa nor the English speaker would be more honest (44%) compared to 33.2% of rural respondents. Rural participants were marginally more likely to think that one or the other of the two speakers would be more intelligent. The strength of the relationship between these two variables was weak ( $C = 0.128$ ).

### **More Honest by Region**

Individuals from western and central regions were more likely than those from eastern regions to think that the English speaker would be more honest (37% and 36.2% versus 26.1%). Eastern respondents were the most likely group to think that neither speaker would be more honest. They were also marginally more likely to think that the Patwa speaker would be more honest (32.2% compared to 29.1% western parishes and 29.2% central parishes). The contingency coefficient for this relationship was equal to 0.113. This indicates that perceptions of honesty are only weakly related to region.

<b>Table 12: Who is more Educated by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Which speaker is more Educated</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(2) = 1.59; p = 0.452$				
<i>Male</i>	291 (60.4%)	34 (7.1%)	157 (32.6%)	<i>n = 482</i> 100%
<i>Female</i>	300 (63%)	25 (5.3%)	151 (31.7%)	<i>n = 476</i> 100%
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 22.07; p = 0.000$				
<i>18-30yrs</i>	179 (55.6%)	17 (5.3%)	126 (39.1%)	<i>n = 322</i> 100%
<i>31-50yrs</i>	188 (58.8%)	21 (6.6%)	111 (34.7%)	<i>n = 320</i> 100%
<i>51-80+yrs</i>	224 (70.9%)	21 (6.6%)	71 (22.5%)	<i>n = 316</i> 100%
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) = 6.36; p = 0.042$				
<i>Urban</i>	298 (60.9%)	22 (4.5%)	169 (34.6%)	<i>n = 489</i> 100%
<i>Rural</i>	293 (62.5%)	37 (7.9%)	139 (29.6%)	<i>n = 469</i> 100%
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 2.31; p = 0.679$				
<i>Western</i>	129 (65.5%)	12 (6.1%)	56 (28.4%)	<i>n = 197</i> 100%
<i>Central</i>	121 (62.7%)	10 (5.2%)	62 (32.1%)	<i>n = 193</i> 100%
<i>Eastern</i>	341 (60%)	37 (6.5%)	190 (33.5%)	<i>n = 568</i> 100%

$\chi^2$  tests found no significant relationship between stereotypes of education and gender or region. Neither of these variables had any noteworthy impact on the general sample's perception that the English speaker would be more educated.

**More Educated by Age**

With regards to age and the speaker who participants felt was more educated, while the majority of all age groups felt that the English speaker would be more educated, the 51 and older age group was overwhelmingly the most likely group to believe this. Seventy one per cent of the 51 and older age group indicated that the English speaker would be more educated. This compares with 55.6% of the 18-30year age group and 58.8% of the 31 – 50 year age group. It is also interesting to note that the youngest age group at 39.1% were the most likely group to think neither speaker would be more educated when compared to the other two age groups. The contingency coefficient at 0.15 indicated that the relationship between perceptions of education and age was somewhat weak.

**More Educated by Area**

The  $\chi^2$  test of the relationship between area and which speaker is more educated, also proved to be significant. This relationship was only a marginal one however, as the strength of the relationship was found to be very weak ( $C = 0.081$ ).

Respondents from rural areas were slightly more likely to think that the Patwa speaker would be more educated (7.9% versus 4.5%). This trend was also observed in terms of those who thought the English speaker was more educated. Again rural respondents were slightly ahead of urban respondents (62.5% compared to 60.9%).

<b>Table 13: Who is more Friendly by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Which speaker is more Friendly</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
<b><math>\chi^2(2) = 0.45; p = 0.80</math></b>				
<i>Male</i>	126 (26.1%)	189 (39.2%)	167 (34.6%)	<i>n = 482</i> <i>100%</i>
<i>Female</i>	114 (24.3%)	190 (40.4%)	166 (35.3%)	<i>n = 333</i> <i>100%</i>
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 7.95; p = 0.093</math></b>				
<i>18-30yrs</i>	75 (23.3%)	123 (38.2%)	124 (38.5%)	<i>n = 322</i> <i>100%</i>
<i>31-50yrs</i>	71 (22.3%)	134 (42.1%)	113 (35.5%)	<i>n = 318</i> <i>100%</i>
<i>51-80+yrs</i>	94 (30.1%)	122 (39.1%)	96 (30.8%)	<i>n = 312</i> <i>100%</i>
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(2) = 15.87; p = 0.000</math></b>				
<i>Urban</i>	106 (21.9%)	180 (37.2%)	198 (40.9%)	<i>n = 484</i> <i>100%</i>
<i>Rural</i>	134 (28.6%)	199 (42.5%)	135 (28.8%)	<i>n = 468</i> <i>100%</i>
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 7.19; p = 0.126</math></b>				
<i>Western</i>	59 (30.4%)	66 (34%)	69 (35.6%)	<i>n = 194</i> <i>100%</i>
<i>Central</i>	54 (28.1%)	76 (39.6%)	62 (32.3%)	<i>n = 192</i> <i>100%</i>
<i>Eastern</i>	127 (22.4%)	237 (41.9%)	202 (35.7%)	<i>n = 566</i> <i>100%</i>

Of the four demographic variables, only area was significantly related to respondents' perception of which speaker was friendlier.

### More Friendly by Area

Forty one per cent of urban participants stated that they believed neither speaker would be friendlier. This was more than 12% higher than rural residents who were of this opinion. This relationship was found to be weak ( $C = 0.128$ ).

<b>Table 14: Has more Money by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Which speaker has more Money</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(2) = 1.75; p = 0.417$				
<i>Male</i>	201 (43.7%)	46 (10%)	213 (46.3%)	<i>n = 460</i> 100%
<i>Female</i>	189 (45.8%)	31 (7.5%)	193 (46.7%)	<i>n = 413</i> 100%
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 15.88; p = 0.003$				
<i>18-30yrs</i>	124 (40.4%)	24 (7.8%)	159 (51.8%)	<i>n = 307</i> 100%
<i>31-50yrs</i>	116 (40.8%)	25 (8.8%)	143 (50.4%)	<i>n = 284</i> 100%
<i>51-80+yrs</i>	150 (53.2%)	28 (9.9%)	104 (36.9%)	<i>n = 282</i> 100%
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) = 2.17; p = 0.339$				
<i>Urban</i>	194 (43.5%)	35 (7.8%)	217 (48.7%)	<i>n = 446</i> 100%
<i>Rural</i>	196 (45.9%)	42 (9.8%)	189 (44.3%)	<i>n = 427</i> 100%
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 5.21; p = 0.266$				
<i>Western</i>	89 (49.2%)	14 (7.7%)	78 (43.1%)	<i>n = 181</i> 100%
<i>Central</i>	86 (49.1%)	16 (9.1%)	73 (41.7%)	<i>n = 175</i> 100%
<i>Eastern</i>	215 (41.6%)	47 (9.1%)	255 (49.3%)	<i>n = 517</i> 100%

**More Money by Age**

Only age was significantly related to the speaker respondents thought had more money. The majority of the 51year and older group felt that the speaker of English would have more money (53.2%), this compares with 40.4% of the 18-30year group and 40.8% of the 31-50year group. The majority of the two younger age groups believed that neither speaker would have more money (51.8% and 50.4%). Only 36.9% of respondents from the oldest age group felt that neither the Patwa nor the English speaker was more likely to have more money.

The contingency coefficient of 0.134, showed that this was a fairly weak relationship.

<b>Table 15: Who is more Helpful by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Which speaker is more Helpful</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
<b><math>\chi^2(2) = 3.44; p = 0.179</math></b>				
<i>Male</i>	140 (29.4%)	165 (34.7%)	171 (35.9%)	<i>n = 476</i> 100%
<i>Female</i>	152 (32.8%)	135 (29.1%)	177 (38.1%)	<i>n = 464</i> 100%
<b>Age Groups</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 12.68; p = 0.013</math></b>				
<i>18-30yrs</i>	84 (26.3%)	96 (30.1%)	139 (43.6%)	<i>n = 319</i> 100%
<i>31-50yrs</i>	101 (32.5%)	95 (30.5%)	115 (37%)	<i>n = 311</i> 100%
<i>51-80+yrs</i>	107 (34.5%)	109 (35.2%)	94 (30.3%)	<i>n = 310</i> 100%
<b>Area</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(2) = 8.31; p = 0.016</math></b>				
<i>Urban</i>	132 (27.4%)	152 (31.6%)	197 (41%)	<i>n = 481</i> 100%
<i>Rural</i>	160 (34.9%)	148 (32.2%)	151 (32.9%)	<i>n = 348</i> 100%
<b>Region</b>	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(4) = 6.66; p = 0.155</math></b>				
<i>Western</i>	68 (36%)	57 (30.2%)	64 (33.9%)	<i>n = 189</i> 100%
<i>Central</i>	67 (35.6%)	56 (29.8%)	65 (34.6%)	<i>n = 188</i> 100%
<i>Eastern</i>	157 (27.9%)	187 (33.2%)	219 (38.9%)	<i>n = 563</i> 100%

In terms of helpfulness, gender and region had no significant impact on people's view of Patwa and English speakers. Of note however, is that 36% and 35.6% of respondents from western and central regions respectively, felt that the English speaker would be most helpful, compared to 27.9% of respondents from eastern regions.

**More Helpful by Age**

The crosstabulation of age and helpfulness showed that the youngest age group was most likely to think that neither of the two speakers would be more helpful. Approximately 44% of the 18-30year age group felt this way compared to 37% of the 31-50year olds and 30.3% of the 51-80year olds. The youngest age group at 26.3% was also the least likely to think that the English speaker would be more helpful when compared to the 31-50year olds (32.5%) and the 51year and older group (34.5%). The relationship between age and perceptions of helpfulness was a weak one ( $C = 0.115$ ).

**More Helpful by Area**

There was a significant relationship between helpfulness and area. Forty one per cent of urban participants indicated that they believed neither of the two speakers would be more helpful. This was just under 9% higher than the percentage of rural participants that thought this. Rural individuals were somewhat more likely to state that the English speaker would be more helpful than those individuals from urban areas (34.9% versus 27.4%). The contingency coefficient of 0.094 showed this to be a very weak relationship.



### ***E. Education***

The fifth subsection of the questionnaire had to do with Jamaican's impressions of the use of Patwa in educational institutions.

<b>Table 16: Which school would be better for the Jamaican Child (N=1,000)</b>	
	<b>Frequency (%)</b>
<i>The English Only School</i>	288 (28.9%)
<i>The English and Patwa School</i>	708 (71.1%)

A frequency table of the question “Which school do you think would be better for a Jamaican child” showed that the overwhelming majority (71.1%) of the sample thought that a school where children were taught to read and write in English and Patwa would be better than an English only school.

<b>Table 17: Which school would be better by Gender, Age, Area &amp; Region</b>			
<b>Gender</b>	<b>Type of School</b>		<b>TOTAL</b>
	<b>English Only Count(%)</b>	<b>English &amp; Patwa Count(%)</b>	
<b><math>\chi^2(1) = 2.63; p = 0.106</math></b>			
<i>Male</i>	133 (26.6%)	367 (73.4%)	<i>n = 288 100%</i>
<i>Female</i>	155 (31.3%)	341 (68.8%)	<i>n = 496 100%</i>
<b>Age Groups</b>	<b>English Only Count(%)</b>	<b>English &amp; Patwa Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(2) = 15.76; p = 0.000</math></b>			
<i>18-30yrs</i>	83 (24.9%)	250 (75.1%)	<i>n = 333 100%</i>
<i>31-50yrs</i>	83 (24.9%)	250 (75.1%)	<i>n = 333 100%</i>
<i>51-80+yrs</i>	122 (37%)	208 (63%)	<i>n = 330 100%</i>
<b>Area</b>	<b>English Only Count(%)</b>	<b>English &amp; Patwa Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(1) = 3.80; p = 0.051</math></b>			
<i>Urban</i>	164 (31.6%)	355 (68.4%)	<i>n = 519 100%</i>
<i>Rural</i>	124 (26%)	353 (74%)	<i>n = 477 100%</i>
<b>Region</b>	<b>English Only Count(%)</b>	<b>English &amp; Patwa Count(%)</b>	<b>TOTAL</b>
<b><math>\chi^2(2) = 1.62; p = 0.445</math></b>			
<i>Western</i>	63 (31.5%)	137 (68.5%)	<i>n = 200 100%</i>
<i>Central</i>	51 (25.8%)	147 (74.2%)	<i>n = 198 100%</i>
<i>Eastern</i>	174 (29.1%)	424 (70.9%)	<i>n = 598 100%</i>

Of the demographic variables, only age was significantly related to type of school. While there were no differences between the two younger age groups, the 51 and older group was far less likely than both of the younger groups to have a favourable view of the English and Patwa school. While 63% of this group felt this school would be better, this

was well below the 75.1% of the other two age groups that held this view. This relationship turned out to be weak.

### ***F. Writing in a Standard Form***

The final section of the survey had to do with general views of Patwa as a language.

<b>Is Patwa a Language?</b>	<b>Frequency</b>	<b>(%)</b>
<i>Yes</i>	<i>795</i>	<i>79.5%</i>
<i>No</i>	<i>205</i>	<i>20.5%</i>
<b>Should Parliament make Patwa an Official Language</b>		
<i>Yes</i>	<i>684</i>	<i>68.5%</i>
<i>No</i>	<i>264</i>	<i>26.5%</i>
<i>Don't Know</i>	<i>50</i>	<i>5%</i>
<b>Would you want to see Patwa written on:</b>	<b>Frequency</b>	<b>(%)</b>
<i>Road Signs</i>	<i>489</i>	<i>48.9%</i>
<i>School Books</i>	<i>573</i>	<i>57.3%</i>
<i>Medicine Bottles</i>	<i>451</i>	<i>45.1%</i>
<i>Government Forms</i>	<i>438</i>	<i>43.8%</i>
<i>Weed Spray</i>	<i>461</i>	<i>46.1%</i>

Almost 80% of the sample thought Patwa was a language and a further 68.5% felt that parliament should make it an official language. In terms of where respondents would want to see Patwa written, they were most in favour of school books as 57.3% of them said they would want to see it written there. Forty nine per cent of participants said they would like to see Patwa written on road signs.

<b>Table 19: Is Patwa a Language by Gender, Age, Area &amp; Region</b>			
<b>Gender</b>	<b>Is Patwa a Language</b>		<b>TOTAL</b>
	<b>Yes Count(%)</b>	<b>No Count(%)</b>	
$\chi^2(1)=1.10; p=0.294$			
<i>Male</i>	405 (80.8%)	96 (19.2%)	<i>n =501 100%</i>
<i>Female</i>	390 (78.2%)	109 (21.8%)	<i>n =499 100%</i>
<b>Age Groups</b>	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) =12.13; p =0.002$			
<i>18-30yrs</i>	276 (82.6%)	58 (17.4%)	<i>n =334 100%</i>
<i>31-50yrs</i>	276 (82.6%)	58 (17.4%)	<i>n = 334 100%</i>
<i>51-80+yrs</i>	243 (73.2%)	89 (26.8%)	<i>n =205 100%</i>
<b>Area</b>	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>TOTAL</b>
$\chi^2(1) =0.01; p =0.951$			
<i>Urban</i>	413 (79.6%)	106 (20.4%)	<i>n = 519 100%</i>
<i>Rural</i>	382 (79.4%)	99 (20.6%)	<i>n =481 100%</i>
<b>Region</b>	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) =2.62; p =0.270$			
<i>Western</i>	153 (76.5%)	47 (23.5%)	<i>n =200 100%</i>
<i>Central</i>	155 (77.5%)	45 (22.5%)	<i>n =200 100%</i>
<i>Eastern</i>	487 (81.2%)	113 (18.8%)	<i>n =600 100%</i>

Only age was significantly related to people's view of whether or not Patwa is a language. There was no difference between the two youngest age groups, 82.6% of both these groups felt that Patwa is a language. The oldest age group of 51years and older at

only 73.2% was less likely to think Patwa is a language. This relationship was weak ( $C = 0.109$ ).

<b>Table 20: Should Patwa be an Official Language by Gender, Age, Area &amp; Region</b>				
<b>Gender</b>	<b>Should Patwa be an Official Language</b>			<b>TOTAL</b>
	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>Don't Know Count(%)</b>	
$\chi^2(2) = 6.64; p = 0.036$				
<i>Male</i>	358 (71.7%)	123 (24.6%)	18 (3.6%)	<i>n = 499</i> 100%
<i>Female</i>	326 (65.3%)	141 (28.3%)	32 (6.45)	<i>n = 499</i> 100%
<b>Age Groups</b>	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>Don't Know Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 4.42; p = 0.352$				
<i>18-30yrs</i>	240 (72.1%)	77 (23.1%)	16 (4.8%)	<i>n = 333</i> 100%
<i>31-50yrs</i>	229 (68.8%)	89 (26.7%)	15 (4.5%)	<i>n = 333</i> 100%
<i>51-80+yrs</i>	215 (64.8%)	98 (29.5%)	19 (5.7%)	<i>n = 50</i> 100%
<b>Area</b>	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>Don't Know Count(%)</b>	<b>TOTAL</b>
$\chi^2(2) = 6.57; p = 0.037$				
<i>Urban</i>	336 (65%)	154 (29.8%)	27 (5.2%)	<i>n = 517</i> 100%
<i>Rural</i>	348 (72.3%)	110 (22.9%)	23 (4.8%)	<i>n = 481</i> 100%
<b>Region</b>	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>Don't Know Count(%)</b>	<b>TOTAL</b>
$\chi^2(4) = 2.67; p = 0.615$				
<i>Western</i>	127 (64.1)	60 (30.3%)	11 (5.6%)	<i>n = 198</i> 100%
<i>Central</i>	143 (71.5%)	48 (24%)	9 (4.5%)	<i>n = 200</i> 100%
<i>Eastern</i>	414 (69%)	156 (26%)	30 (5%)	<i>n = 600</i> 100%

Although both relationships were weak both gender and area were significantly related to respondent's opinion on making Patwa an official language. Males were more likely than females to think Patwa should be an official language (71.7% compared to 65.3%).

Individuals from rural areas were more likely than urban individuals to think that Patwa should be made an official language (72.3% versus 65%).

### ***G. Occupation***

Though not part of the overall sample structure, respondents were also asked to state their occupation.

<b>Table 21: Occupation (N=1,000)</b>	
	<b>Frequency (%)</b>
<i>Student</i>	42 (4.2%)
<i>Unskilled/Housewife</i>	182 (18.2%)
<i>Clerical/Sales/Services</i>	254 (25.4%)
<i>Self-employed/Professional</i>	137 (13.7%)
<i>Retired</i>	35 (3.5%)
<i>Farmer</i>	61 (6.1%)
<i>Skilled/Craftsman</i>	177 (17.7%)
<i>Unemployed</i>	45 (4.5%)
<i>Service-professional</i>	67 (6.7%)

Clerical/Sales/Service workers at 25.4% represented the most common occupational group in the sample. Additionally, unskilled workers/housewives, skilled workers/craftsmen and self-employed/professionals all accounted for double figure percentages of the sample. Of note is that only 4.5% of the sample was unemployed which is below Jamaica's national average.

The occupation variable was crosstabulated with the various language variables, however the retired and student categories were omitted from these crosstabulations as both groups were relatively small and were found to be highly correlated with the age ranges that were examined earlier. Ninety five per cent of students were 18-30yrs old and 97.1% of retired respondents were in the 51 and older age group. The farmer group was combined with skilled/craftsman and the service professional group was combined with the self-employed group.



### Occupation by Language Awareness

<b>Occupation</b>	<b>Languages Spoken</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Both Count(%)</b>	
<i>Unskilled/Housewife</i>	19 (10.5%)	35 (19.3%)	127 (70.2%)	<i>n = 181 100%</i>
<i>Clerical/Sales/Services</i>	17 (6.7%)	19 (7.5%)	217 (85.8%)	<i>n = 253 100%</i>
<i>Self-Employed/ Professional</i>	29 (14.2%)	8 (3.9%)	167 (81.9%)	<i>n = 204 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	29 (12.2%)	36 (15.1%)	173 (72.7%)	<i>n = 238 100%</i>
<i>Unemployed</i>	6 (13.3%)	2 (4.4%)	37 (82.2%)	<i>n = 45 100%</i>

Chi-square analysis found a significant relationship between occupation and the languages spoken by the sample. Respondents in the unskilled/housewife group were the most likely of the occupations to speak Patwa only (19.3% versus 7.5%, 3.9%, 15.1%, 4.4%). Unemployed individuals (13.3%) and Self-Employed/Professionals (14.2%) were the groups most likely to speak English only.

The contingency coefficient found this to be a fairly weak/moderate relationship ( $C = 0.206$ ).

Table 23: To whom do you speak by Occupation								
Occupation	<sup>1</sup> English				<sup>2</sup> Patwa			
	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count(%)	Family Count(%)	Strangers Count(%)	Everyone Count(%)	No One Count (%)
<i>Unskilled/Housewife</i>	17 (9.3%)	91(50%)	47 (25.8%)	27 (14.8%)	104 (57.1)	7 (3.8%)	60 (33%)	11 (6%)
<i>Clerical/Sales/Services</i>	16 (6.3%)	169 (66.5%)	57 (22.4%)	12 (4.7%)	177 (69.7%)	9 (3.5%)	64 (25.2%)	4 (1.6%)
<i>Self-Employed/ Professional</i>	13 (6.4%)	124 (60.8%)	62 (30.4%)	5 (2.5%)	137 (67.2%)	6 (2.9%)	48 (23.5%)	13 (6.4%)
<i>Skilled/Craftsman/ Farmer</i>	22 (9.2%)	117 (49.2%)	63 (26.5%)	36 (15.1%)	132 (55.5%)	8 (3.4%)	82 (34.5%)	16 (6.7%)
<i>Unemployed</i>	4 (8.9%)	27 (60%)	13 (28.9%)	1 (2.2%)	29 (64.4%)	0 (0%)	13 (28.9%)	3 (6.7%)

Table 22 shows the relationships between occupation and with whom individuals spoke English and Patwa. While chi-square analysis showed that both relationships were significant, the magnitude of the relationship between occupation and with whom respondents spoke English ( $C = 0.224$ ) was stronger than the relationship between occupation and with whom respondents spoke Patwa ( $C = 0.155$ ).

With the exception of skilled/craftsmen/farmers, the majority of all occupations groups stated that they spoke English with strangers. Skilled/Craftsmen/Farmers and Unskilled/Housewives at 15.1% and 14.8% respectively were the most likely groups to speak English to no one. Conversely, unemployed individuals and self-employed/professionals were the most likely groups to speak English with everyone (28.9% and 30.4% respectively).

With regards to whom respondents spoke Patwa to, the majority of all occupations said they were most likely to speak Patwa with family. Skilled/craftsmen/farmers were the most likely group to speak Patwa with everyone (34.5%) this group was followed closely by the unskilled/housewives group at 33%.

### Government/Public Use by Occupation

<b>Table 24: Government/Public Use by Occupation</b>				
<b>Occupation</b>	<b>If Minister made speech in Patwa</b>			<b>TOTAL</b>
	<b>Communicate better with public Count(%)</b>	<b>Talk down to the masses Count(%)</b>	<b>None Count(%)</b>	
$\chi^2(8) = 14.69; p = 0.066$				
<i>Unskilled/Housewife</i>	127 (69.8%)	43 (23.6%)	12 (6.6%)	<i>n = 182 100%</i>
<i>Clerical/Sales/Services</i>	163 (64.2%)	60 (23.6%)	31 (12.2%)	<i>n = 254 100%</i>
<i>Self-Employed/ Professional</i>	131 (64.5%)	44 (21.7%)	28 (13.8%)	<i>n = 203 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	167 (70.8%)	36 (15.3%)	33 (14%)	<i>n = 236 100%</i>
<i>Unemployed</i>	33 (73.3%)	10 (22.2%)	2 (4.4%)	<i>n = 45 100%</i>

Chi-square analysis found no significant relationship between occupation and attitude towards the use of Patwa by a Minister in a speech in parliament. The majority of all occupation groups felt that a Minister, in doing this, would be “trying to communicate better with the public”.

### Language Use and Social Stereotypes by Occupation

<b>Table 25: Who is more Intelligent by Occupation</b>				
<b>Occupation</b>	<b>Which speaker is more Intelligent</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(8) = 55.86; p = 0.000$				
<i>Unskilled/Housewife</i>	123 (68%)	26 (14.4%)	32 (17.7%)	<i>n = 181 100%</i>
<i>Clerical/Sales/Services</i>	139 (57.9%)	8 (3.3%)	93 (38.8%)	<i>n = 240 100%</i>
<i>Self-Employed/ Professional</i>	91 (49.7%)	8 (4.4%)	84 (45.9%)	<i>n = 183 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	125 (53.9%)	21 (9.1%)	86 (37.1%)	<i>n = 232 100%</i>
<i>Unemployed</i>	30 (75%)	4 (10%)	6 (15%)	<i>n = 40 100%</i>

There was a significant relationship between occupation types and the speaker that respondents felt would be more intelligent. At 75%, unemployed individuals were the most likely group to think that the English speaker would be more intelligent. Fifteen per cent of this group felt that neither speaker would be more intelligent which, along with 17.7% of the unskilled/housewives group, represented significantly lower percentages when compared to the other occupation groups who thought neither speaker was more intelligent (clerical/sales/services 38.8%, self-employed/professionals 45.9% and skilled/craftsmen/farmers 37.1%).

The contingency coefficient of 0.245 found this to be a moderate strength relationship.

<b>Table 26: Who is more Honest by Occupation</b>				
<b>Occupation</b>	<b>Which speaker is more Honest</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(8) = 25.43; p = 0.001$				
<i>Unskilled/Housewife</i>	73 (42.9%)	47 (27.6%)	50 (29.4%)	<i>n = 170 100%</i>
<i>Clerical/Sales/Services</i>	64 (28.1%)	73 (32%)	91 (39.9%)	<i>n = 228 100%</i>
<i>Self-Employed/ Professional</i>	43 (24.3%)	57 (32.2%)	77 (43.5%)	<i>n = 177 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	58 (25.7%)	71 (31.4%)	97 (42.9%)	<i>n = 226 100%</i>
<i>Unemployed</i>	18 (46.2%)	12 (30.8%)	9 (23.1%)	<i>n = 39 100%</i>

A chi-square test of the relationship between occupation and which speaker respondents thought was more honest, found it to be significant. Unskilled/housewives (42.9%) and unemployed individuals (46.2%) were the most likely groups to think that the English speaker would be more educated. There were only minimal differences in percentages of the various occupations who thought that the Patwa speaker was more honest.

This was a weak relationship ( $C = 0.171$ ).

<b>Table 27: Who is more Educated by Occupation</b>				
<b>Occupation</b>	<b>Which speaker is more Educated</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(8) = 22.34; p = 0.004$				
<i>Unskilled/Housewife</i>	120 (67.4%)	19 (10.7%)	39 (21.9%)	<i>n = 178 100%</i>
<i>Clerical/Sales/Services</i>	138 (57%)	13 (5.4%)	91 (37.6%)	<i>n = 242 100%</i>
<i>Self-Employed/ Professional</i>	112 (58.6%)	7 (3.7%)	72 (37.7%)	<i>n = 191 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	143 (61.9%)	14 (6.1%)	74 (32%)	<i>n = 231 100%</i>
<i>Unemployed</i>	30 (69.8%)	4 (9.3%)	9 (20.9%)	<i>n = 43 100%</i>

It was found that occupation was significantly related to whom participants thought would be more educated. As was the case with stereotypes about intelligence and honesty, unemployed individuals (69.8%) and unskilled/housewives were the most likely of the occupation groups to think that the English speaker would be more educated. Also in keeping with previously identified trends, these two groups were the least likely to think that neither speaker would be more educated. The relationship between occupation and stereotypes about education was weak ( $C = 0.157$ ).

<b>Table 28: Who is more Friendly by Occupation</b>				
<b>Occupation</b>	<b>Which speaker is more Friendly</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(8) = 25.59; p = 0.001$				
<i>Unskilled/Housewife</i>	62 (35.8%)	62 (35.8%)	49 (28.3%)	<i>n = 173 100%</i>
<i>Clerical/Sales/Services</i>	48 (19.8%)	104 (43%)	90 (37.2%)	<i>n = 242 100%</i>
<i>Self-Employed/ Professional</i>	43 (22.6%)	71 (37.4%)	76 (40%)	<i>n = 190 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	49 (21.2%)	100 (43.3%)	82 (35.5%)	<i>n = 231 100%</i>
<i>Unemployed</i>	17 (38.6%)	19 (43.2%)	8 (18.2%)	<i>n = 44 100%</i>

There was a significant relationship between occupation and which speaker the sample thought was more friendly. Again those respondents who were unemployed and those who were unskilled/housewives were the most likely to think that the English speaker would be friendlier (38.6% and 35.8% respectively). The unemployed group at 18.2% was also far less likely than the other occupation groups to think that neither speaker would be friendlier.

The contingency coefficient of 0.168 found this to be a weak relationship.

<b>Table 29: Who is has more Money by Occupation</b>				
<b>Occupation</b>	<b>Which speaker has more Money</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(8) = 12.93; p = 0.114$				
<i>Unskilled/Housewife</i>	67 (43.8%)	18 (11.8%)	68 (44.4%)	<i>n = 153 100%</i>
<i>Clerical/Sales/Services</i>	94 (41.6%)	18 (8%)	114 (50.4%)	<i>n = 226 100%</i>
<i>Self-Employed/ Professional</i>	78 (45.9%)	11 (6.5%)	81 (47.6%)	<i>n = 170 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	97 (44.7%)	19 (8.8%)	101 (46.5%)	<i>n = 217 100%</i>
<i>Unemployed</i>	23 (57.5%)	7 (17.5%)	10 (25%)	<i>n = 40 100%</i>

Chi-square analysis showed that there was no significant relationship between occupation and view of which speaker would have more money.



<b>Table 30: Who is more Helpful by Occupation</b>				
<b>Occupation</b>	<b>Which speaker has more Helpful</b>			<b>TOTAL</b>
	<b>English Count(%)</b>	<b>Patwa Count(%)</b>	<b>Neither Count(%)</b>	
$\chi^2(8) = 28.72; p = 0.000$				
<i>Unskilled/Housewife</i>	71 (40.6%)	64 (36.6%)	40 (22.9%)	<i>n = 175 100%</i>
<i>Clerical/Sales/Services</i>	66 (27.6%)	73 (30.5%)	100 (41.8%)	<i>n = 239 100%</i>
<i>Self-Employed/ Professional</i>	42 (22.8%)	58 (31.5%)	84 (45.7%)	<i>n = 184 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	78 (34.1%)	68 (29.7%)	83 (36.2%)	<i>n = 229 100%</i>
<i>Unemployed</i>	15 (37.5%)	14 (35%)	11 (27.5%)	<i>n = 40 100%</i>

Clerical/sales/service workers, along with self-employed/professionals, were the least likely groups to think that the English speaker would be more helpful (27.6% and 22.8% respectively). These groups were the most likely to state that the neither speaker would be more intelligent (clerical/sales/services 41.8% and self-employed/professionals 45.7%).

The chi-square test found this relationship to be significant and the contingency coefficient found that it was fairly weak ( $C = 0.179$ ).

### Education by Occupation

<b>Table 31: Which school would be better by Occupation</b>			
<b>Occupation</b>	<b>Type of School</b>		<b>TOTAL</b>
	<b>English Only Count(%)</b>	<b>English &amp; Patwa Count(%)</b>	
$\chi^2(4) = 12.49; p = 0.014$			
<i>Unskilled/Housewife</i>	58 (32.2%)	122 (67.8%)	<i>n = 180 100%</i>
<i>Clerical/Sales/Services</i>	59 (23.2%)	195 (76.8%)	<i>n = 254 100%</i>
<i>Self-Employed/ Professional</i>	72 (35.3%)	132 (64.7%)	<i>n = 204 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	58 (24.5%)	179 (75.5%)	<i>n = 237 100%</i>
<i>Unemployed</i>	16 (36.4%)	28 (63.6%)	<i>n = 44 100%</i>

A crosstabulation was also generated for the relationship between occupation and the type of school that respondents thought would be better for Jamaican children. Clerical/sales/service workers (76.8%) and skilled/craftsmen/farmers (75.5%) were the most likely groups to think that the English and Patwa school would be better for Jamaican children.

This relationship, while statistically significant was found to be weak ( $C = 0.166$ ).

### Writing in a Standard Form by Occupation

<b>Table 32: Is Patwa a Language by Occupation</b>			
<b>Occupation</b>	<b>Is Patwa a Language</b>		<b>TOTAL</b>
	<b>Yes Count(%)</b>	<b>No Count(%)</b>	
$\chi^2(4) = 7.381; p = 0.117$			
<i>Unskilled/Housewife</i>	141 (77.5%)	41 (22.5%)	<i>n = 182 100%</i>
<i>Clerical/Sales/Services</i>	202 (79.5%)	52 (20.5%)	<i>n = 254 100%</i>
<i>Self-Employed/ Professional</i>	168 (82.4%)	36 (17.6%)	<i>n = 204 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	200 (84%)	38 (16%)	<i>n = 238 100%</i>
<i>Unemployed</i>	31 (68.9%)	14 (31.1%)	<i>n = 45 100%</i>

There was no significant relationship between occupation and view of Patwa as a language. The majority of the sample, irrespective of occupational category, felt that Patwa was a language. It must be noted that unemployed persons at 31.1% were the most likely group to disagree that Patwa was a language.

<b>Table 33: Should Patwa be an Official Language by Occupation</b>				
<b>Occupation</b>	<b>Should Patwa be an Official Language</b>			<b>TOTAL</b>
	<b>Yes Count(%)</b>	<b>No Count(%)</b>	<b>Don't Know Count(%)</b>	
$\chi^2(8) = 8.62; p = 0.376$				
<i>Unskilled/Housewife</i>	127 (69.8%)	45 (24.7%)	10 (5.5%)	<i>n = 182 100%</i>
<i>Clerical/Sales/Services</i>	173 (68.4%)	69 (27.3%)	11 (4.3%)	<i>n = 253 100%</i>
<i>Self-Employed/ Professional</i>	131 (64.2%)	59 (28.9%)	14 (6.9%)	<i>n = 204 100%</i>
<i>Skilled/Craftsman/ Farmer</i>	178 (74.8%)	54 (22.7%)	6 (2.5%)	<i>n = 238 100%</i>
<i>Unemployed</i>	32 (71.1%)	11 (24.4%)	2 (4.4%)	<i>n = 45 100%</i>

There was no significant relationship between occupation and attitude towards making Patwa an official language. Again the majority of all occupational categories thought that Patwa should be an official language.

# LANGUAGE ATTITUDE SURVEY OF JAMAICA

## DEMOGRAPHICS

<b>1. Parish of Residence:</b>	<b>How Long:</b>		
<b>2. Parish of Birth:</b>			
<b>3. Age Range:</b>	18 – 30 years [ ]	31 – 50 years [ ]	51 – 80+ years [ ]
<b>4. Sex:</b>	Male [ ]	Female [ ]	
<b>5. Occupation:</b>			

## LANGUAGE AWARENESS

<b>6. What languages do you speak?</b>	a) English [ ]	b) Patwa [ ]	c) Any Other [ ]
--	----------------	--------------	------------------

## LANGUAGE USE & CONTEXT

<b>7. To whom do you speak</b>	
a) Patwa	
b) English	

## GOVERNMENT /PUBLIC USE

<b>8. If the Prime Minister or the Minister of Finance made his speech in Gordon house in Patwa would you think he is trying to:</b>		
a) communicate better with the public?	b) talk down to the masses?	c) Other
IF 1c) PLEASE EXPLAIN:		

## LANGUAGE USE AND SOCIAL STEREOTYPES

<b>9. When you hear a person speaking Patwa and another speaking English, which person do you think:</b>		
	<b>Patwa</b>	<b>English</b>
a) Is more intelligent		
b) Is more honest		
c) Is more educated		
d) Is more friendly		
e) Has more money		
f) Is more helpful		

## EDUCATION

<b>10. There are two types of schools in Jamaica. In one they teach the children to read and write only in English. In the other type of school they teach the children to read and write in English and Patwa. Which school do you think would be better for a Jamaican child?</b>	
a) The English Only School [ ]	b) The English & Patwa School [ ]

## WRITING IN A STANDARD FORM

<b>11. If there was one proper way to write Patwa would you want to see it written on (You may choose as many as you like) :</b>				
a) road signs	b) school books	c) medicine bottles	d) government forms	e) weed spray

<b>12. A language is a form of speech, which can be used to communicate anything people want it to. Do you think that Patwa is a language?</b>		
Yes [ ]	No [ ]	Other: [ ] Please Explain

<b>13. Should Parliament make Patwa an official language of Jamaica alongside English?</b>		
YES [ ]	NO [ ]	DON'T KNOW [ ]

<b>14. FOR OFFICE USE ONLY :</b> Region – Western [ ] Central [ ] Eastern [ ]
---

## WE JAMIEKAN TINK BOUT LANGGWIJ

### WE PIIPL LIV

<b>1. We yu liv:</b>	<b>Ou lang:</b>		
<b>2. We yu baan:</b>			
<b>3. Ou uol yu bi:</b>	18 – 30 ierz [ ]	31 – 50 ierz [ ]	51 – 80+ ierz [ ]
<b>4. Man/Uman:</b>	Man [ ]	Uman [ ]	
<b>5. Wa kain a work yu du:</b>			

### WE PIIPL NUO BOUT LANGGWIJ

<b>6. We kain a langgwij yu taak?</b>	a) Ingglish [ ]	b) Patwa [ ]	c) Soplms [ ]
---------------------------------------	-----------------	--------------	---------------

### OU AN WEN PIIPL YUUZ LANGGWIJ

<b>7. Uu yu taak tu ina</b>	
a) Patwa	
b) Ingglish	

### GOVAMENT / POBLIK TAAK

**8. Ef di Prime Minister ar di Minister of Finance mek im spiich op a Gordon House ina Patwa wa mek im du dat :**

a) fi mek di public andastan im beta?	b) fi taak dong tu di piipl dem?	c) soplms / wat els
---------------------------------------	----------------------------------	---------------------

IF 8c) Tel wi bout dat:

### OU YU LUK PAN PIIPL FI OU DEM TAAK

**9. Wen yu ier smadi a taak Patwa an smadi els a taak Ingglish, wich wan yu tink:**

	Patwa	Ingglish
a) av muor brienz		
b) muor anis		
c) muor edikietid		
d) yu kyan taak tu muo		
e) av muor moni		
f) muor elp yu if yu ina chrobl		

### EDIKIESHAN

**10. Dem av tuu kain a skuul ina Jamieka. Ina wan kain a skuul, di pikni dem lorn fi riid an rait onggil ina Ingglish. Ina di neks kain a skuul, di pikni dem lorn fi riid an rait ina Ingglish an ina Patwa. Wich kain a skuul yu tink wuda beta fi wan Jamiekan pikni?**

a) Di skuul wid onggil Ingglish [ ]	b) Di skuul wid Ingglish an Patwa [ ]
-------------------------------------	---------------------------------------

### OU FI RAIT PATWA / JAMIEKAN

**11. Ef dem did av wan gud wie fi rait Patwa. Yu wuda laik si Patwa rait pan wa? (Chuuz eni amount a dem) :**

a) ruod sain	b) skuul buk	c) pil bakl	d) govament faam	e) faam sprie
--------------	--------------	-------------	------------------	---------------

**12. Wan langgwij a soplms we yu kyan yuuz fi se eni ting yu waan se tu piipl. Yu tink se Patwa a wan langgwij?**

Yes [ ]	Nuo [ ]	Tel wi bout dat
---------	---------	-----------------

**13. Yu tink se Govament shud a mek Patwa wan ofishal langgwij jos laik Ingglish?**

YES [ ]	NUO [ ]	MI NO NUO [ ]
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**14. FOR OFFICE USE ONLY: Region – Western [ ] Central [ ] Eastern [ ]**

# Appendix

## Frequency Tables of Demographic variables in Jamaica Language Attitude Survey

### urbanru parish

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 urban	519	51.9	51.9	51.9
	2 rural	481	48.1	48.1	100.0
	Total	1000	100.0	100.0	

### region Region

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Western	200	20.0	20.0	20.0
	2 Central	200	20.0	20.0	40.0
	3 Eastern	600	60.0	60.0	100.0
	Total	1000	100.0	100.0	

### age Age Range

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 18-30	334	33.4	33.4	33.4
	2 31-50	334	33.4	33.4	66.8
	3 51-80+ years	332	33.2	33.2	100.0
	Total	1000	100.0	100.0	

### sex Gender

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	501	50.1	50.1	50.1
	2 Female	499	49.9	49.9	100.0
	Total	1000	100.0	100.0	

**q5 Occupation**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 Student	42	4.2	4.2	4.2
2 Unskilled/Housewife	182	18.2	18.2	22.4
3 Clerical/Sales/Services	254	25.4	25.4	47.8
4 Self-employed/Professional	137	13.7	13.7	61.5
5 Retired	35	3.5	3.5	65.0
6 Farmer	61	6.1	6.1	71.1
7 Skilled/Craftsman	177	17.7	17.7	88.8
8 Unemployed	45	4.5	4.5	93.3
9 service-professional	67	6.7	6.7	100.0
Total	1000	100.0	100.0	

**Frequency Tables of Language Variables**

**q6a What languages do you speak? (English)**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 Yes	893	89.3	89.3	89.3
2 No	107	10.7	10.7	100.0
Total	1000	100.0	100.0	

**q6b What languages do you speak? (Patwa)**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1 Yes	889	88.9	88.9	88.9
2 No	111	11.1	11.1	100.0
Total	1000	100.0	100.0	

**language What languages do you speak**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid 1.00 English only	109	10.9	10.9	10.9
2.00 Patwa only	105	10.5	10.5	21.4
3.00 Both	784	78.4	78.6	100.0
Total	998	99.8	100.0	
Missing .00	2	.2		
Total	1000	100.0		



**q7a To whom do you speak? (Patwa)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Family & Friends	629	62.9	62.9	62.9
	2 Strangers & Work	32	3.2	3.2	66.1
	3 everyone	285	28.5	28.5	94.6
	4 no one	54	5.4	5.4	100.0
	Total	1000	100.0	100.0	

**q7b To whom do you speak? (English)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Family & Friends	79	7.9	7.9	7.9
	2 Strangers & Work	571	57.1	57.1	65.0
	3 everyone	262	26.2	26.2	91.2
	4 no one	88	8.8	8.8	100.0
	Total	1000	100.0	100.0	

**q8 If Minister made a speech in Patwa would you think he is:**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Communicate better with the public	676	67.6	67.8	67.8
	2 Talk down to the masses	205	20.5	20.6	88.4
	9 none	116	11.6	11.6	100.0
	Total	997	99.7	100.0	
Missing	3	2	.2		
	4	1	.1		
	Total	3	.3		
Total		1000	100.0		

**rq9a Is more intelligent**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Patwa	73	7.3	7.7	7.7
	2.00 English	550	55.0	57.8	65.4
	3.00 Both	329	32.9	34.6	100.0
	Total	952	95.2	100.0	
Missing	System	48	4.8		
Total		1000	100.0		

**rq9b Is more honest**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Patwa	283	28.3	31.0	31.0
	2.00 English	278	27.8	30.4	61.4
	3.00 Both	353	35.3	38.6	100.0
	Total	914	91.4	100.0	
Missing	System	86	8.6		
Total		1000	100.0		

**rq9c Is more educated**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Patwa	59	5.9	6.2	6.2
	2.00 English	591	59.1	61.7	67.8
	3.00 Both	308	30.8	32.2	100.0
	Total	958	95.8	100.0	
Missing	System	42	4.2		
Total		1000	100.0		

**rq9d Is more friendly**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Patwa	379	37.9	39.8	39.8
	2.00 English	240	24.0	25.2	65.0
	3.00 Both	333	33.3	35.0	100.0
	Total	952	95.2	100.0	
Missing	System	48	4.8		
Total		1000	100.0		

**rq9e Has more money**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Patwa	77	7.7	8.8	8.8
	2.00 English	390	39.0	44.7	53.5
	3.00 Both	406	40.6	46.5	100.0
	Total	873	87.3	100.0	
Missing	System	127	12.7		
Total		1000	100.0		

**rq9f Is more helpful**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1.00 Patwa	300	30.0	31.9	31.9
	2.00 English	292	29.2	31.1	63.0
	3.00 Both	348	34.8	37.0	100.0
	Total	940	94.0	100.0	
Missing	System	60	6.0		
Total		1000	100.0		

**q10 Which school is better?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 English school only	288	28.8	28.9	28.9
	2 English & Patwa School	708	70.8	71.1	100.0
	Total	996	99.6	100.0	
Missing	5	1	.1		
	9	1	.1		
	System	2	.2		
	Total	4	.4		
Total		1000	100.0		

**q11a Road Signs**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	489	48.9	48.9	48.9
	2 No	511	51.1	51.1	100.0
	Total	1000	100.0	100.0	

**q11b School Books**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	573	57.3	57.3	57.3
	2 No	427	42.7	42.7	100.0
	Total	1000	100.0	100.0	

**q11c Medicine Bottles**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	451	45.1	45.1	45.1
	2 No	549	54.9	54.9	100.0
	Total	1000	100.0	100.0	

**q11d Government forms**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	438	43.8	43.8	43.8
	2 No	561	56.1	56.2	100.0
	Total	999	99.9	100.0	
Missing	System	1	.1		
Total		1000	100.0		

**q11e Weed Spray**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	461	46.1	46.2	46.2
	2 No	536	53.6	53.8	100.0
	Total	997	99.7	100.0	
Missing	System	3	.3		
Total		1000	100.0		

**q12 Is Patwa a Language**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	795	79.5	79.5	79.5
	2 No	205	20.5	20.5	100.0
	Total	1000	100.0	100.0	

**q13 Should Patwa be an official language?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	684	68.4	68.5	68.5
	2 No	264	26.4	26.5	95.0
	3 Don't Know	50	5.0	5.0	100.0
	Total	998	99.8	100.0	
Missing	System	2	.2		
Total		1000	100.0		

# Sample Structure

sex Gender \* age Age Range \* urbanru parish \* region Region Crosstabulation

region Region urbanru parish						age Age Range			Total
						1 18-30	2 31-50	3 51-80+ years	
1 Western	1 urban	sex Gender	1 Male	Count	17	17	17	51	
				% within age Age Range	50.0%	50.0%	51.5%	50.5%	
		2 Female	Count	17	17	16	50		
			% within age Age Range	50.0%	50.0%	48.5%	49.5%		
		Total	Count	34	34	33	101		
			% within age Age Range	100.0%	100.0%	100.0%	100.0%		
	2 rural	sex Gender	1 Male	Count	17	17	16	50	
				% within age Age Range	51.5%	51.5%	48.5%	50.5%	
		2 Female	Count	16	16	17	49		
			% within age Age Range	48.5%	48.5%	51.5%	49.5%		
		Total	Count	33	33	33	99		
			% within age Age Range	100.0%	100.0%	100.0%	100.0%		
2 Central	1 urban	sex Gender	1 Male	Count	17	17	16	50	
				% within age Age Range	50.0%	51.5%	37.2%	45.5%	
		2 Female	Count	17	16	27	60		
			% within age Age Range	50.0%	48.5%	62.8%	54.5%		
		Total	Count	34	33	43	110		
			% within age Age Range	100.0%	100.0%	100.0%	100.0%		
	2 rural	sex Gender	1 Male	Count	17	16	17	50	
				% within age Age Range	51.5%	47.1%	73.9%	55.6%	
		2 Female	Count	16	18	6	40		
			% within age Age Range	48.5%	52.9%	26.1%	44.4%		
		Total	Count	33	34	23	90		
			% within age Age Range	100.0%	100.0%	100.0%	100.0%		
3 Eastern	1 urban	sex Gender	1 Male	Count	50	50	58	158	
				% within age Age Range	50.0%	50.0%	53.7%	51.3%	
		2 Female	Count	50	50	50	150		
			% within age Age Range	50.0%	50.0%	46.3%	48.7%		
		Total	Count	100	100	108	308		
			% within age Age Range	100.0%	100.0%	100.0%	100.0%		
	2 rural	sex Gender	1 Male	Count	50	50	42	142	
				% within age Age Range	50.0%	50.0%	45.7%	48.6%	
		2 Female	Count	50	50	50	150		
			% within age Age Range	50.0%	50.0%	54.3%	51.4%		
		Total	Count	100	100	92	292		
			% within age Age Range	100.0%	100.0%	100.0%	100.0%		

## Demographic Variables with Languages spoken

### What languages do you speak \* Gender

Crosstab

				sex Gender		Total
				1 Male	2 Female	
language What languages do you speak	1.00 English only	Count	59	50	109	
		% within language What languages do you speak	54.1%	45.9%	100.0%	
		% within sex Gender	11.8%	10.0%	10.9%	
	2.00 Patwa only	Count	68	37	105	
		% within language What languages do you speak	64.8%	35.2%	100.0%	
		% within sex Gender	13.6%	7.4%	10.5%	
	3.00 Both	Count	372	412	784	
		% within language What languages do you speak	47.4%	52.6%	100.0%	
		% within sex Gender	74.5%	82.6%	78.6%	
Total	Count	499	499	998		
	% within language What languages do you speak	50.0%	50.0%	100.0%		
	% within sex Gender	100.0%	100.0%	100.0%		

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.936 <sup>a</sup>	2	.003
Likelihood Ratio	12.076	2	.002
Linear-by-Linear Association	5.496	1	.019
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 52.50.

#### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.109	.003
	Cramer's V	.109	.003
	Contingency Coefficient	.109	.003
N of Valid Cases		998	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## What languages do you speak \* Age Range

Crosstab

		age Age Range			Total	
		1 18-30	2 31-50	3 51-80+ years		
language What languages do you speak	1.00 English only	Count	26	34	49	109
		% within language	23.9%	31.2%	45.0%	100.0%
		% within age	7.8%	10.2%	14.8%	10.9%
	2.00 Patwa only	Count	22	39	44	105
		% within language	21.0%	37.1%	41.9%	100.0%
		% within age	6.6%	11.7%	13.3%	10.5%
	3.00 Both	Count	285	261	238	784
		% within language	36.4%	33.3%	30.4%	100.0%
		% within age	85.6%	78.1%	71.9%	78.6%
Total	Count	333	334	331	998	
	% within language	33.4%	33.5%	33.2%	100.0%	
	% within age	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	19.350 <sup>a</sup>	4	.001
Likelihood Ratio	19.761	4	.001
Linear-by-Linear Association	16.212	1	.000
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 34.82.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.139	.001
	Cramer's V	.098	.001
	Contingency Coefficient	.138	.001
N of Valid Cases		998	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## What languages do you speak \* parish

### Crosstab

				urbanru parish		Total
				1 urban	2 rural	
language What languages do you speak	1.00 English only	Count	69	40	109	
		% within language What languages do you speak	63.3%	36.7%	100.0%	
		% within urbanru parish	13.3%	8.3%	10.9%	
	2.00 Patwa only	Count	52	53	105	
		% within language What languages do you speak	49.5%	50.5%	100.0%	
		% within urbanru parish	10.1%	11.0%	10.5%	
	3.00 Both	Count	396	388	784	
		% within language What languages do you speak	50.5%	49.5%	100.0%	
		% within urbanru parish	76.6%	80.7%	78.6%	
Total	Count	517	481	998		
	% within language What languages do you speak	51.8%	48.2%	100.0%		
	% within urbanru parish	100.0%	100.0%	100.0%		

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.517 <sup>a</sup>	2	.038
Likelihood Ratio	6.602	2	.037
Linear-by-Linear Association	4.713	1	.030
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 50.61.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.081	.038
	Cramer's V	.081	.038
	Contingency Coefficient	.081	.038
N of Valid Cases		998	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.



## What languages do you speak \* Region

Crosstab

		region Region			Total	
		1 Western	2 Central	3 Eastern		
language What languages do you speak	1.00 English only	Count	13	18	78	109
		% within language	11.9%	16.5%	71.6%	100.0%
		% within region	6.5%	9.0%	13.0%	10.9%
	2.00 Patwa only	Count	22	31	52	105
		% within language	21.0%	29.5%	49.5%	100.0%
		% within region	11.1%	15.5%	8.7%	10.5%
	3.00 Both	Count	164	151	469	784
		% within language	20.9%	19.3%	59.8%	100.0%
		% within region	82.4%	75.5%	78.3%	78.6%
Total	Count	199	200	599	998	
	% within language	19.9%	20.0%	60.0%	100.0%	
	% within region	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	13.918 <sup>a</sup>	4	.008
Likelihood Ratio	13.930	4	.008
Linear-by-Linear Association	3.341	1	.068
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 20.94.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	.118	.008
	Cramer's V	.084	.008
	Contingency Coefficient	.117	.008
N of Valid Cases		998	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Government Use By Demographic Variables

If Minister made a speech in Patwa would you think he is: \*  
Gender

Crosstab

			sex Gender		Total
			1 Male	2 Female	
q8 If Minister made a speech in Patwa would you think he is:	1 Communicate better with the public	Count	349	327	676
		% within q8 If Minister made a speech in Patwa would you think he is:	51.6%	48.4%	100.0%
		% within sex Gender	69.8%	65.8%	67.8%
	2 Talk down to the masses	Count	91	114	205
		% within q8 If Minister made a speech in Patwa would you think he is:	44.4%	55.6%	100.0%
		% within sex Gender	18.2%	22.9%	20.6%
	9 none	Count	60	56	116
		% within q8 If Minister made a speech in Patwa would you think he is:	51.7%	48.3%	100.0%
		% within sex Gender	12.0%	11.3%	11.6%
Total		Count	500	497	997
		% within q8 If Minister made a speech in Patwa would you think he is:	50.2%	49.8%	100.0%
		% within sex Gender	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3.425 <sup>a</sup>	2	.180
Likelihood Ratio	3.431	2	.180
Linear-by-Linear Association	.005	1	.944
N of Valid Cases	997		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 57.83.

## If Minister made a speech in Patwa would you think he is: \* Age Range

Crosstab

			age Age Range			Total
			1 18-30	2 31-50	3 51-80+ years	
q8 If Minister made a speech in Patwa would you think he is:	1 Communicate better with the public	Count	225	219	232	676
		% within q8 If Minister made a speech in Patwa would you think he is:	33.3%	32.4%	34.3%	100.0%
		% within age Age Rang	67.4%	66.0%	70.1%	67.8%
	2 Talk down to the masses	Count	71	71	63	205
		% within q8 If Minister made a speech in Patwa would you think he is:	34.6%	34.6%	30.7%	100.0%
		% within age Age Rang	21.3%	21.4%	19.0%	20.6%
	9 none	Count	38	42	36	116
		% within q8 If Minister made a speech in Patwa would you think he is:	32.8%	36.2%	31.0%	100.0%
		% within age Age Rang	11.4%	12.7%	10.9%	11.6%
Total		Count	334	332	331	997
		% within q8 If Minister made a speech in Patwa would you think he is:	33.5%	33.3%	33.2%	100.0%
		% within age Age Rang	100.0%	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.472 <sup>a</sup>	4	.832
Likelihood Ratio	1.474	4	.831
Linear-by-Linear Association	.100	1	.752
N of Valid Cases	997		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 38.51.

**If Minister made a speech in Patwa would you think he is: \* parish**

**Crosstab**

			urbanru parish		Total
			1 urban	2 rural	
q8 If Minister made a speech in Patwa would you think he is:	1 Communicate better with the public	Count	338	338	676
		% within q8 If Minister made a speech in Patwa would you think he is:	50.0%	50.0%	100.0%
		% within urbanru parish	65.3%	70.6%	67.8%
	2 Talk down to the masses	Count	115	90	205
		% within q8 If Minister made a speech in Patwa would you think he is:	56.1%	43.9%	100.0%
		% within urbanru parish	22.2%	18.8%	20.6%
	9 none	Count	65	51	116
		% within q8 If Minister made a speech in Patwa would you think he is:	56.0%	44.0%	100.0%
		% within urbanru parish	12.5%	10.6%	11.6%
Total		Count	518	479	997
		% within q8 If Minister made a speech in Patwa would you think he is:	52.0%	48.0%	100.0%
		% within urbanru parish	100.0%	100.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3.218 <sup>a</sup>	2	.200
Likelihood Ratio	3.224	2	.199
Linear-by-Linear Association	1.355	1	.244
N of Valid Cases	997		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 55.73.

**If Minister made a speech in Patwa would you think he is: \***  
**Region**

**Crosstab**

			region Region			Total
			1 Western	2 Central	3 Eastern	
q8 If Minister made a speech in Patwa would you think he is:	1 Communicate better with the public	Count	152	133	391	676
		% within q8 If Minister made a speech in Patwa would you think he is:	22.5%	19.7%	57.8%	100.0%
		% within region Region	76.8%	66.5%	65.3%	67.8%
	2 Talk down to the masses	Count	28	49	128	205
		% within q8 If Minister made a speech in Patwa would you think he is:	13.7%	23.9%	62.4%	100.0%
		% within region Region	14.1%	24.5%	21.4%	20.6%
	9 none	Count	18	18	80	116
		% within q8 If Minister made a speech in Patwa would you think he is:	15.5%	15.5%	69.0%	100.0%
		% within region Region	9.1%	9.0%	13.4%	11.6%
Total	Count	198	200	599	997	
	% within q8 If Minister made a speech in Patwa would you think he is:	19.9%	20.1%	60.1%	100.0%	
	% within region Region	100.0%	100.0%	100.0%	100.0%	

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	12.448 <sup>a</sup>	4	.014
Likelihood Ratio	12.883	4	.012
Linear-by-Linear Association	4.863	1	.027
N of Valid Cases	997		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 23.04.

**Symmetric Measures**

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.111	.014
N of Valid Cases		997	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Stereotypes by Demographic Variables

### Is more intelligent \* Gender

Crosstab

				sex Gender		Total
				1 Male	2 Female	
rq9a Is more intelligent	1.00 Patwa	Count	44	29	73	
		% within sex Gender	9.1%	6.2%	7.7%	
	2.00 English	Count	260	290	550	
		% within sex Gender	53.9%	61.7%	57.8%	
	3.00 Both	Count	178	151	329	
		% within sex Gender	36.9%	32.1%	34.6%	
Total		Count	482	470	952	
		% within sex Gender	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.784 <sup>a</sup>	2	.034
Likelihood Ratio	6.808	2	.033
Linear-by-Linear Association	.231	1	.631
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 36.04.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.084	.034
N of Valid Cases		952	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more intelligent \* Age Range

Crosstab

				age Age Range			Total
				1 18-30	2 31-50	3 51-80+ years	
rq9a Is more intelligent	1.00 Patwa	Count	24	21	28	73	
		% within age Age Range	7.5%	6.8%	8.8%	7.7%	
	2.00 English	Count	182	172	196	550	
		% within age Age Range	56.7%	55.3%	61.3%	57.8%	
	3.00 Both	Count	115	118	96	329	
		% within age Age Range	35.8%	37.9%	30.0%	34.6%	
Total		Count	321	311	320	952	
		% within age Age Range	100.0%	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	5.009 <sup>a</sup>	4	.286
Likelihood Ratio	5.051	4	.282
Linear-by-Linear Association	2.301	1	.129
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 23.85.

## Is more intelligent \* parish

Crosstab

			urbanru parish		Total
			1 urban	2 rural	
rq9a Is more intelligent	1.00 Patwa	Count	27	46	73
		% within urbanru parish	5.6%	9.8%	7.7%
	2.00 English	Count	272	278	550
		% within urbanru parish	56.2%	59.4%	57.8%
	3.00 Both	Count	185	144	329
		% within urbanru parish	38.2%	30.8%	34.6%
Total		Count	484	468	952
		% within urbanru parish	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	9.854 <sup>a</sup>	2	.007
Likelihood Ratio	9.922	2	.007
Linear-by-Linear Association	9.304	1	.002
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 35.89.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.101	.007
N of Valid Cases	952	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more intelligent \* Region

### Crosstab

				region Region			Total
				1 Western	2 Central	3 Eastern	
rq9a Is more intelligent	1.00 Patwa	Count	10	20	43	73	
		% within region Region	5.2%	10.3%	7.6%	7.7%	
	2.00 English	Count	127	121	302	550	
		% within region Region	66.1%	62.1%	53.5%	57.8%	
	3.00 Both	Count	55	54	220	329	
		% within region Region	28.6%	27.7%	38.9%	34.6%	
Total	Count	192	195	565	952		
	% within region Region	100.0%	100.0%	100.0%	100.0%		

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	15.733 <sup>a</sup>	4	.003
Likelihood Ratio	15.884	4	.003
Linear-by-Linear Association	4.695	1	.030
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 14.72.



### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.128	.003
N of Valid Cases	952	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

### Is more honest \* Gender

#### Crosstab

			sex Gender		Total
			1 Male	2 Female	
rq9b Is more honest	1.00 Patwa	Count	156	127	283
		% within sex Gender	33.5%	28.3%	31.0%
	2.00 English	Count	133	145	278
		% within sex Gender	28.5%	32.4%	30.4%
	3.00 Both	Count	177	176	353
		% within sex Gender	38.0%	39.3%	38.6%
Total		Count	466	448	914
		% within sex Gender	100.0%	100.0%	100.0%

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3.139 <sup>a</sup>	2	.208
Likelihood Ratio	3.143	2	.208
Linear-by-Linear Association	1.368	1	.242
N of Valid Cases	914		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 136.26.

## Is more honest \* Age Range

Crosstab

			age Age Range			Total
			1 18-30	2 31-50	3 51-80+ years	
rq9b Is more honest	1.00 Patwa	Count	108	87	88	283
		% within age Age Range	34.8%	28.3%	29.6%	31.0%
	2.00 English	Count	79	93	106	278
		% within age Age Range	25.5%	30.3%	35.7%	30.4%
	3.00 Both	Count	123	127	103	353
		% within age Age Range	39.7%	41.4%	34.7%	38.6%
Total		Count	310	307	297	914
		% within age Age Range	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	9.438 <sup>a</sup>	4	.051
Likelihood Ratio	9.431	4	.051
Linear-by-Linear Association	.002	1	.961
N of Valid Cases	914		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 90.33.

## Is more honest \* parish

Crosstab

			urbanru parish		Total
			1 urban	2 rural	
rq9b Is more honest	1.00 Patwa	Count	133	150	283
		% within urbanru parish	29.0%	33.0%	31.0%
	2.00 English	Count	124	154	278
		% within urbanru parish	27.0%	33.8%	30.4%
	3.00 Both	Count	202	151	353
		% within urbanru parish	44.0%	33.2%	38.6%
Total		Count	459	455	914
		% within urbanru parish	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.610 <sup>a</sup>	2	.003
Likelihood Ratio	11.642	2	.003
Linear-by-Linear Association	7.259	1	.007
N of Valid Cases	914		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 138.39.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.112	.003
N of Valid Cases	914	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more honest \* Region

### Crosstab

			region Region			Total
			1 Western	2 Central	3 Eastern	
rq9b Is more honest	1.00 Patwa	Count	55	54	174	283
		% within region Region	29.1%	29.2%	32.2%	31.0%
	2.00 English	Count	70	67	141	278
		% within region Region	37.0%	36.2%	26.1%	30.4%
	3.00 Both	Count	64	64	225	353
		% within region Region	33.9%	34.6%	41.7%	38.6%
Total	Count	189	185	540	914	
	% within region Region	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	11.918 <sup>a</sup>	4	.018
Likelihood Ratio	11.837	4	.019
Linear-by-Linear Association	.557	1	.456
N of Valid Cases	914		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 56.27.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.113	.018
N of Valid Cases	914	

- a. Not assuming the null hypothesis.
- b. Using the asymptotic standard error assuming the null hypothesis.

## Is more educated \* Gender

### Crosstab

				sex Gender		Total
				1 Male	2 Female	
rq9c Is more educated	1.00 Patwa	Count		34	25	59
		% within sex Gender		7.1%	5.3%	6.2%
	2.00 English	Count		291	300	591
		% within sex Gender		60.4%	63.0%	61.7%
	3.00 Both	Count		157	151	308
		% within sex Gender		32.6%	31.7%	32.2%
Total		Count		482	476	958
		% within sex Gender		100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.589 <sup>a</sup>	2	.452
Likelihood Ratio	1.595	2	.451
Linear-by-Linear Association	.069	1	.793
N of Valid Cases	958		

- a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 29.32.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.041	.452
N of Valid Cases	958	

- a. Not assuming the null hypothesis.
- b. Using the asymptotic standard error assuming the null hypothesis.

## Is more educated \* Age Range

Crosstab

				age Age Range			Total
				1 18-30	2 31-50	3 51-80+ years	
rq9c Is more educated	1.00 Patwa	Count	17	21	21	59	
		% within age Age Range	5.3%	6.6%	6.6%	6.2%	
	2.00 English	Count	179	188	224	591	
		% within age Age Range	55.6%	58.8%	70.9%	61.7%	
	3.00 Both	Count	126	111	71	308	
		% within age Age Range	39.1%	34.7%	22.5%	32.2%	
Total		Count	322	320	316	958	
		% within age Age Range	100.0%	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	22.067 <sup>a</sup>	4	.000
Likelihood Ratio	22.717	4	.000
Linear-by-Linear Association	16.374	1	.000
N of Valid Cases	958		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 19.46.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.150	.000
N of Valid Cases		958	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more educated \* parish

Crosstab

				urbanru parish		Total
				1 urban	2 rural	
rq9c Is more educated	1.00 Patwa	Count	22	37	59	
		% within urbanru parish	4.5%	7.9%	6.2%	
	2.00 English	Count	298	293	591	
		% within urbanru parish	60.9%	62.5%	61.7%	
	3.00 Both	Count	169	139	308	
		% within urbanru parish	34.6%	29.6%	32.2%	
Total		Count	489	469	958	
		% within urbanru parish	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.363 <sup>a</sup>	2	.042
Likelihood Ratio	6.407	2	.041
Linear-by-Linear Association	5.238	1	.022
N of Valid Cases	958		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 28.88.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.081	.042
N of Valid Cases		958	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more educated \* Region

Crosstab

				region Region			Total
				1 Western	2 Central	3 Eastern	
rq9c Is more educated	1.00 Patwa	Count	12	10	37	59	
		% within region Region	6.1%	5.2%	6.5%	6.2%	
	2.00 English	Count	129	121	341	591	
		% within region Region	65.5%	62.7%	60.0%	61.7%	
	3.00 Both	Count	56	62	190	308	
		% within region Region	28.4%	32.1%	33.5%	32.2%	
Total		Count	197	193	568	958	
		% within region Region	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2.309 <sup>a</sup>	4	.679
Likelihood Ratio	2.348	4	.672
Linear-by-Linear Association	.805	1	.370
N of Valid Cases	958		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 11.89.

### Is more friendly \* Gender

#### Crosstab

			sex Gender		Total
			1 Male	2 Female	
rq9d Is more friendly	1.00 Patwa	Count	189	190	379
		% within sex Gender	39.2%	40.4%	39.8%
	2.00 English	Count	126	114	240
		% within sex Gender	26.1%	24.3%	25.2%
	3.00 Both	Count	167	166	333
		% within sex Gender	34.6%	35.3%	35.0%
Total		Count	482	470	952
		% within sex Gender	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	.454 <sup>a</sup>	2	.797
Likelihood Ratio	.455	2	.797
Linear-by-Linear Association	.009	1	.923
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 118.49.

## Is more friendly \* Age Range

Crosstab

			age Age Range			Total
			1 18-30	2 31-50	3 51-80+ years	
rq9d Is more friendly	1.00 Patwa	Count	123	134	122	379
		% within age Age Range	38.2%	42.1%	39.1%	39.8%
	2.00 English	Count	75	71	94	240
		% within age Age Range	23.3%	22.3%	30.1%	25.2%
	3.00 Both	Count	124	113	96	333
		% within age Age Range	38.5%	35.5%	30.8%	35.0%
Total		Count	322	318	312	952
		% within age Age Range	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	7.950 <sup>a</sup>	4	.093
Likelihood Ratio	7.853	4	.097
Linear-by-Linear Association	1.597	1	.206
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 78.66.

## Is more friendly \* parish

Crosstab

			urbanru parish		Total
			1 urban	2 rural	
rq9d Is more friendly	1.00 Patwa	Count	180	199	379
		% within urbanru parish	37.2%	42.5%	39.8%
	2.00 English	Count	106	134	240
		% within urbanru parish	21.9%	28.6%	25.2%
	3.00 Both	Count	198	135	333
		% within urbanru parish	40.9%	28.8%	35.0%
Total		Count	484	468	952
		% within urbanru parish	100.0%	100.0%	100.0%



### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	15.874 <sup>a</sup>	2	.000
Likelihood Ratio	15.949	2	.000
Linear-by-Linear Association	9.645	1	.002
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 117.98.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.128	.000
N of Valid Cases	952	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more friendly \* Region

### Crosstab

			region Region			Total
			1 Western	2 Central	3 Eastern	
rq9d Is more friendly	1.00 Patwa	Count	66	76	237	379
		% within region Region	34.0%	39.6%	41.9%	39.8%
	2.00 English	Count	59	54	127	240
		% within region Region	30.4%	28.1%	22.4%	25.2%
	3.00 Both	Count	69	62	202	333
		% within region Region	35.6%	32.3%	35.7%	35.0%
Total	Count	194	192	566	952	
	% within region Region	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	7.193 <sup>a</sup>	4	.126
Likelihood Ratio	7.191	4	.126
Linear-by-Linear Association	.874	1	.350
N of Valid Cases	952		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 48.40.

## Has more money \* Gender

Crosstab

			sex Gender		Total
			1 Male	2 Female	
rq9e Has more money	1.00 Patwa	Count	46	31	77
		% within sex Gender	10.0%	7.5%	8.8%
	2.00 English	Count	201	189	390
		% within sex Gender	43.7%	45.8%	44.7%
	3.00 Both	Count	213	193	406
		% within sex Gender	46.3%	46.7%	46.5%
Total		Count	460	413	873
		% within sex Gender	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.751 <sup>a</sup>	2	.417
Likelihood Ratio	1.764	2	.414
Linear-by-Linear Association	.451	1	.502
N of Valid Cases	873		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 36.43.

## Has more money \* Age Range

Crosstab

			age Age Range			Total
			1 18-30	2 31-50	3 51-80+ years	
rq9e Has more money	1.00 Patwa	Count	24	25	28	77
		% within age Age Range	7.8%	8.8%	9.9%	8.8%
	2.00 English	Count	124	116	150	390
		% within age Age Range	40.4%	40.8%	53.2%	44.7%
	3.00 Both	Count	159	143	104	406
		% within age Age Range	51.8%	50.4%	36.9%	46.5%
Total		Count	307	284	282	873
		% within age Age Range	100.0%	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	15.882 <sup>a</sup>	4	.003
Likelihood Ratio	16.028	4	.003
Linear-by-Linear Association	10.149	1	.001
N of Valid Cases	873		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 24.87.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.134	.003
N of Valid Cases	873	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Has more money \* parish

### Crosstab

			urbanru parish		Total
			1 urban	2 rural	
rq9e Has more money	1.00 Patwa	Count	35	42	77
		% within urbanru parish	7.8%	9.8%	8.8%
	2.00 English	Count	194	196	390
		% within urbanru parish	43.5%	45.9%	44.7%
	3.00 Both	Count	217	189	406
		% within urbanru parish	48.7%	44.3%	46.5%
Total		Count	446	427	873
		% within urbanru parish	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2.165 <sup>a</sup>	2	.339
Likelihood Ratio	2.167	2	.338
Linear-by-Linear Association	2.157	1	.142
N of Valid Cases	873		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 37.66.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.050	.339
N of Valid Cases	873	

- a. Not assuming the null hypothesis.
- b. Using the asymptotic standard error assuming the null hypothesis.

### Has more money \* Region

#### Crosstab

				region Region			Total
				1 Western	2 Central	3 Eastern	
rq9e Has more money	1.00 Patwa	Count	14	16	47	77	
		% within region Region	7.7%	9.1%	9.1%	8.8%	
	2.00 English	Count	89	86	215	390	
		% within region Region	49.2%	49.1%	41.6%	44.7%	
	3.00 Both	Count	78	73	255	406	
		% within region Region	43.1%	41.7%	49.3%	46.5%	
Total		Count	181	175	517	873	
		% within region Region	100.0%	100.0%	100.0%	100.0%	

#### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	5.210 <sup>a</sup>	4	.266
Likelihood Ratio	5.221	4	.265
Linear-by-Linear Association	1.289	1	.256
N of Valid Cases	873		

- a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 15.44.

## Is more helpful \* Gender

Crosstab

				sex Gender		Total
				1 Male	2 Female	
rq9f Is more helpful	1.00 Patwa	Count	165	135	300	
		% within sex Gender	34.7%	29.1%	31.9%	
	2.00 English	Count	140	152	292	
		% within sex Gender	29.4%	32.8%	31.1%	
	3.00 Both	Count	171	177	348	
		% within sex Gender	35.9%	38.1%	37.0%	
Total		Count	476	464	940	
		% within sex Gender	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	3.444 <sup>a</sup>	2	.179
Likelihood Ratio	3.449	2	.178
Linear-by-Linear Association	2.075	1	.150
N of Valid Cases	940		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 144.14.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.060	.179
N of Valid Cases		940	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more helpful \* Age Range

Crosstab

				age Age Range			Total
				1 18-30	2 31-50	3 51-80+ years	
rq9f Is more helpful	1.00 Patwa	Count	96	95	109	300	
		% within age Age Range	30.1%	30.5%	35.2%	31.9%	
	2.00 English	Count	84	101	107	292	
		% within age Age Range	26.3%	32.5%	34.5%	31.1%	
	3.00 Both	Count	139	115	94	348	
		% within age Age Range	43.6%	37.0%	30.3%	37.0%	
Total		Count	319	311	310	940	
		% within age Age Range	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	12.683 <sup>a</sup>	4	.013
Likelihood Ratio	12.789	4	.012
Linear-by-Linear Association	7.658	1	.006
N of Valid Cases	940		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 96.30.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.115	.013
N of Valid Cases		940	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more helpful \* parish

Crosstab

				urbanru parish		Total
				1 urban	2 rural	
rq9f Is more helpful	1.00 Patwa	Count	152	148	300	
		% within urbanru parish	31.6%	32.2%	31.9%	
	2.00 English	Count	132	160	292	
		% within urbanru parish	27.4%	34.9%	31.1%	
	3.00 Both	Count	197	151	348	
		% within urbanru parish	41.0%	32.9%	37.0%	
Total		Count	481	459	940	
		% within urbanru parish	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	8.308 <sup>a</sup>	2	.016
Likelihood Ratio	8.326	2	.016
Linear-by-Linear Association	2.587	1	.108
N of Valid Cases	940		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 142.58.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.094	.016
N of Valid Cases		940	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is more helpful \* Region

Crosstab

				region Region			Total
				1 Western	2 Central	3 Eastern	
rq9f Is more helpful	1.00 Patwa	Count	57	56	187	300	
		% within region Region	30.2%	29.8%	33.2%	31.9%	
	2.00 English	Count	68	67	157	292	
		% within region Region	36.0%	35.6%	27.9%	31.1%	
	3.00 Both	Count	64	65	219	348	
		% within region Region	33.9%	34.6%	38.9%	37.0%	
Total		Count	189	188	563	940	
		% within region Region	100.0%	100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.663 <sup>a</sup>	4	.155
Likelihood Ratio	6.618	4	.158
Linear-by-Linear Association	.084	1	.772
N of Valid Cases	940		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 58.40.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.084	.155
N of Valid Cases	940	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.



## Education by Demographic Variables

### Which school is better? \* Gender

Crosstab

			sex Gender		Total
			1 Male	2 Female	
q10 Which school is better?	1 English school only	Count	133	155	288
		% within sex Gender	26.6%	31.3%	28.9%
	2 English & Patwa School	Count	367	341	708
		% within sex Gender	73.4%	68.8%	71.1%
Total		Count	500	496	996
		% within sex Gender	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2.619 <sup>b</sup>	1	.106		
Continuity Correction <sup>a</sup>	2.398	1	.121		
Likelihood Ratio	2.621	1	.105		
Fisher's Exact Test				.108	.061
Linear-by-Linear Association	2.617	1	.106		
N of Valid Cases	996				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 143.42.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.051	.106
N of Valid Cases		996	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Which school is better? \* Age Range

Crosstab

		age Age Range			Total	
		1 18-30	2 31-50	3 51-80+ years		
q10 Which school is better?	1 English school on	Count	83	83	122	288
		% within age Age Ran	24.9%	24.9%	37.0%	28.9%
	2 English & Patwa School	Count	250	250	208	708
		% within age Age Ran	75.1%	75.1%	63.0%	71.1%
Total		Count	333	333	330	996
		% within age Age Ran	100.0%	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	15.575 <sup>a</sup>	2	.000
Likelihood Ratio	15.244	2	.000
Linear-by-Linear Association	11.652	1	.001
N of Valid Cases	996		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 95.42.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.124	.000
N of Valid Cases		996	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## q10 Which school is better? \* urbanru parish

Crosstab

		urbanru parish		Total	
		1 urban	2 rural		
q10 Which school is better?	1 English school only	Count	164	124	288
		% within urbanru parish	31.6%	26.0%	28.9%
	2 English & Patwa School	Count	355	353	708
		% within urbanru parish	68.4%	74.0%	71.1%
Total		Count	519	477	996
		% within urbanru parish	100.0%	100.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3.797 <sup>b</sup>	1	.051		
Continuity Correction <sup>a</sup>	3.529	1	.060		
Likelihood Ratio	3.808	1	.051		
Fisher's Exact Test				.059	.030
Linear-by-Linear Association	3.793	1	.051		
N of Valid Cases	996				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 137.93.

**q10 Which school is better? \* region Region**

**Crosstab**

		region Region			Total
		1 Western	2 Central	3 Eastern	
q10 Which school is better?	1 English school only	Count 63	Count 51	Count 174	Count 288
	% within region	31.5%	25.8%	29.1%	28.9%
	2 English & Patwa School	Count 137	Count 147	Count 424	Count 708
	% within region	68.5%	74.2%	70.9%	71.1%
Total	Count	200	198	598	996
	% within region	100.0%	100.0%	100.0%	100.0%

**Chi-Square Tests**

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	1.620 <sup>a</sup>	2	.445
Likelihood Ratio	1.632	2	.442
Linear-by-Linear Association	.127	1	.722
N of Valid Cases	996		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 57.25.

## Is Patwa a Language by Demographic Variables

### Is Patwa a Language \* Gender

Crosstab

			sex Gender		Total
			1 Male	2 Female	
q12 Is Patwa a Language	1 Yes	Count	405	390	795
		% within sex Gender	80.8%	78.2%	79.5%
	2 No	Count	96	109	205
		% within sex Gender	19.2%	21.8%	20.5%
Total		Count	501	499	1000
		% within sex Gender	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	1.103 <sup>b</sup>	1	.294		
Continuity Correction <sup>a</sup>	.945	1	.331		
Likelihood Ratio	1.104	1	.293		
Fisher's Exact Test				.309	.166
Linear-by-Linear Association	1.102	1	.294		
N of Valid Cases	1000				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 102.30.

### Is Patwa a Language \* Age Range

Crosstab

			age Age Range			Total
			1 18-30	2 31-50	3 51-80+ years	
q12 Is Patwa a Language	1 Yes	Count	276	276	243	795
		% within age Age Range	82.6%	82.6%	73.2%	79.5%
	2 No	Count	58	58	89	205
		% within age Age Range	17.4%	17.4%	26.8%	20.5%
Total		Count	334	334	332	1000
		% within age Age Range	100.0%	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	12.132 <sup>a</sup>	2	.002
Likelihood Ratio	11.769	2	.003
Linear-by-Linear Association	9.080	1	.003
N of Valid Cases	1000		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 68.06.

### Symmetric Measures

	Value	Approx. Sig.
Nominal by Nominal Contingency Coefficient	.109	.002
N of Valid Cases	1000	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Is Patwa a Language \* parish

### Crosstab

				urbanru parish		Total
				1 urban	2 rural	
q12 Is Patwa a Language	1 Yes	Count	413	382	795	
		% within urbanru parish	79.6%	79.4%	79.5%	
	2 No	Count	106	99	205	
		% within urbanru parish	20.4%	20.6%	20.5%	
Total	Count		519	481	1000	
	% within urbanru parish		100.0%	100.0%	100.0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.004 <sup>b</sup>	1	.951		
Continuity Correction <sup>a</sup>	.000	1	1.000		
Likelihood Ratio	.004	1	.951		
Fisher's Exact Test				1.000	.506
Linear-by-Linear Association	.004	1	.951		
N of Valid Cases	1000				

a. Computed only for a 2x2 table

b. 0 cells (.0%) have expected count less than 5. The minimum expected count is 98.61.

## Is Patwa a Language \* Region

Crosstab

				region Region			Total
				1 Western	2 Central	3 Eastern	
q12 Is Patwa a Language	1 Yes	Count	153	155	487	795	
		% within region Region	76.5%	77.5%	81.2%	79.5%	
	2 No	Count	47	45	113	205	
		% within region Region	23.5%	22.5%	18.8%	20.5%	
Total		Count	200	200	600	1000	
		% within region Region	100.0%	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2.618 <sup>a</sup>	2	.270
Likelihood Ratio	2.591	2	.274
Linear-by-Linear Association	2.452	1	.117
N of Valid Cases	1000		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 41.00.

## Official Language by Demographic Variables

### Should Patwa be an official language? \* Gender

Crosstab

			sex Gender		Total
			1 Male	2 Female	
q13 Should Patwa be an official language?	1 Yes	Count	358	326	684
		% within sex Gender	71.7%	65.3%	68.5%
	2 No	Count	123	141	264
		% within sex Gender	24.6%	28.3%	26.5%
	3 Don't Know	Count	18	32	50
		% within sex Gender	3.6%	6.4%	5.0%
Total	Count	499	499	998	
	% within sex Gender	100.0%	100.0%	100.0%	

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.644 <sup>a</sup>	2	.036
Likelihood Ratio	6.699	2	.035
Linear-by-Linear Association	6.382	1	.012
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 25.00.

Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.081	.036
N of Valid Cases		998	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Should Patwa be an official language? \* Age Range

Crosstab

			age Age Range			Total
			1 18-30	2 31-50	3 51-80+ years	
q13 Should Patwa be an official language?	1 Yes	Count	240	229	215	684
		% within age Age Rang	72.1%	68.8%	64.8%	68.5%
	2 No	Count	77	89	98	264
		% within age Age Rang	23.1%	26.7%	29.5%	26.5%
	3 Don't Know	Count	16	15	19	50
		% within age Age Rang	4.8%	4.5%	5.7%	5.0%
Total		Count	333	333	332	998
		% within age Age Rang	100.0%	100.0%	100.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	4.420 <sup>a</sup>	4	.352
Likelihood Ratio	4.434	4	.350
Linear-by-Linear Association	3.389	1	.066
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 16.63.

## Should Patwa be an official language? \* parish

Crosstab

			urbanru parish		Total
			1 urban	2 rural	
q13 Should Patwa be an official language?	1 Yes	Count	336	348	684
		% within urbanru parish	65.0%	72.3%	68.5%
	2 No	Count	154	110	264
		% within urbanru parish	29.8%	22.9%	26.5%
	3 Don't Know	Count	27	23	50
		% within urbanru parish	5.2%	4.8%	5.0%
Total		Count	517	481	998
		% within urbanru parish	100.0%	100.0%	100.0%



### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6.574 <sup>a</sup>	2	.037
Likelihood Ratio	6.600	2	.037
Linear-by-Linear Association	4.563	1	.033
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 24.10.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Contingency Coefficient	.081	.037
N of Valid Cases		998	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Should Patwa be an official language? \* Region

### Crosstab

			region Region			Total
			1 Western	2 Central	3 Eastern	
q13 Should Patwa be an official language?	1 Yes	Count	127	143	414	684
		% within region Region	64.1%	71.5%	69.0%	68.5%
	2 No	Count	60	48	156	264
		% within region Region	30.3%	24.0%	26.0%	26.5%
	3 Don't Know	Count	11	9	30	50
		% within region Region	5.6%	4.5%	5.0%	5.0%
Total		Count	198	200	600	998
		% within region Region	100.0%	100.0%	100.0%	100.0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	2.666 <sup>a</sup>	4	.615
Likelihood Ratio	2.639	4	.620
Linear-by-Linear Association	.754	1	.385
N of Valid Cases	998		

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.92.