

# SUICIDE MORTALITY IN THE AMERICAS

REGIONAL REPORT



Pan American  
Health  
Organization



World Health  
Organization

REGIONAL OFFICE FOR THE Americas

# **SUICIDE MORTALITY IN THE AMERICAS**

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**Washington D.C.  
2014**



**Pan American  
Health  
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Organization**

REGIONAL OFFICE FOR THE **Americas**

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Office of the Assistant Director (AD)  
Mental Health and Substance Use Unit (NMH/MH)  
Health Information and Analysis Unit (CHA/HA)

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# INTRODUCTION

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Worldwide, approximately one million people die from suicide every year, a figure that translates to one death every 40 seconds (World Health Organization, 2013). Suicide accounts for 1.4% of deaths in the world (Varnik, 2012) and ranks among the 20 leading causes of mortality. In the Region of the Americas, about 65,000 deaths from suicide occur each year.

Historically, Latin America has had lower suicide rates than the global average, while North America is at an intermediate level (World Health Organization, 2013). Mortality data from Latin America have been described as “irregular,” especially when compared with data from the European countries (Bertolote and Fleishman, 2002). The delay in reporting data is one of the problems. In the Region, there are also marked disparities in suicide rates from country to country, even between those with similar levels of development (Liu, 2009).

Another challenge has to do with the initial reporting of suicides and their possible misclassification. The validity of reported cases can be obscured by cultural and religious factors, as well as by the stigma attached to those who take their own lives (Wasserman, 2005). Furthermore, there are legal differences between the countries regarding which deaths should be classified as suicides. Determining whether a death was a suicide involves not only legal issues but also the sociocultural factors mentioned above. Past studies have shown that cultural attitudes toward suicide are one reason why many of these acts are classified as “deaths of undetermined intent” (Pritchard and Hean, 2008), (Kohn and Friedman, 2012).

Thus, it is important to be aware that reported deaths from suicide may be underestimated in many countries (Phillips, 2004).

Although suicide deaths and rates remain the most visible data, the various expressions of suicidal behavior must also be considered. The problems associated with suicide occur along a continuum that includes suicidal ideation, planning, and attempts, many of which do not culminate in death. Various studies have shown that for each consummated suicide, there are 10 to 20, or even more, suicide attempts (World Health Organization, 2013). The reporting of suicide attempts varies among the countries and in most cases no reliable information is available because there is no appropriate surveillance system in place.

Globally, males have a higher suicide rate than females, with a ratio of approximately 3.5:1. In contrast, females make more suicide attempts than males. One explanation for this difference is that males use more violent and lethal methods.

Age is also a risk factor in suicide, although not in all countries (Shah, 2007). For example, in the United States there is one death for every 100-200 attempts in persons aged 15-24 (Centers for Disease Control and Prevention, 2012), whereas among those over 65 there is one suicide for every four attempts (Friedman and Kohn, 2008). On the other hand, suicide rates in other countries have declined among the elderly while they have increased in the younger population (Hawton and van Heeringen, 2009), i.e. in the 35-45 age group and even among 15-25-year-olds.

According to disease burden studies, in 2010, self-inflicted injuries, suicide attempts, and deaths from suicide together ranked 18<sup>th</sup> as a cause of disability-adjusted life years (DALYs) worldwide, and self-inflicted injuries accounted for 1.5% of all DALYs. In Latin America, self-inflicted injuries ranked 18<sup>th</sup> and accounted for 1.3% of all DALYs (Institute for Health Metrics and Evaluation, 2013).

It should be noted that there is a close link between suicide and mental illness, which is present in over 90% of all cases of suicide (Bertolote and Fleischmann, 2002).

In terms of suicide prevention, it is important to examine the methods most commonly used (Mann et al. 2005). When lethal methods such as firearms, other types of weapons, and poisonous substances are both available and easy to obtain, they are correlated with a higher suicide risk (De Leo et al. 2013). Suicide is one of the leading preventable causes of death for both sexes.

The Pan American Health Organization (PAHO) recognizes that suicide is a significant public health problem and has stepped up its technical cooperation in this area. In its most recent Strategic Plan (2014-2017), it has made suicide one of the impact indicators to be evaluated in the Region.

This report provides an overview of suicide mortality patterns in the Region of the Americas and its subregions. Country-level data are also presented. The distribution of suicide is analyzed by age, sex, and methods used, together with suicide trends over two decades (1990-2009).

## METHODOLOGY

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For purposes of this report, the data on suicide mortality are based on the number of deaths reported to the Pan American Health Organization by its Member States between 1990 and 2009. The rates were calculated using United Nations population figures (2011 revision) for each country for these years. The data analyzed correspond to deaths due to intentional self-harm (ICD-10: X60-X84) from the International Statistical Classification of Diseases and Related Health Problems, 10th Revision (WHO, 2008).

In order to have stable suicide rates, they were grouped into five-year periods: 1990-1994, 1995-1999, 2000-2004, and 2005-2009. Since data on suicides were not available for all the countries for every year, the regional and subregional rates were based on the average number of suicides for 2005-2009 in each country (using the years for which data was reported). This report presents suicide rates in three ways: unadjusted for age, age-adjusted, and corrected to include deaths of undetermined intent, which fall under external causes of death. The age-adjusted rates were calculated by the direct method using the world standard population for 2005-2009. Deaths due to events of undetermined intent (ICD-10: Y10-Y34) correspond to events in which the medical or legal authorities cannot determine whether the death was a suicide, homicide, or accident. The cases in this category were redistributed according to each sex and age combination and then distributed proportionally to the three categories mentioned. The proportion corresponding to suicides was then added to the number of suicides reported by the countries.

The data on suicide mortality are analyzed by sex and age. The male/female ratio is defined as the number of deaths from suicide in males per 100,000 population divided by the number of deaths from suicide in females per 100,000 population. If sex does not have any effect on suicide, the ratio will have a value of 1.0. If the value is over 1.0, there is a higher risk of death from suicide among males than among females, while values below 1.0 indicate a higher number of suicides among females. Evaluation of the method of suicide was based on the percentage corresponding to each method in the total number of suicides. Pearson's correlation ( $p < 0.05$ ) was used to determine whether the changes in the suicide trend over a 20-year period (1990-2009) were statistically significant. Finally, the rank of suicide as a cause of death is also evaluated for 65 subgroups.

There has been a change from the previous report (2009) in terms of the subregions used. This report has used the following classification: North America (Canada, Puerto Rico, United States of America, and U.S. Virgin Islands); Central America, the Hispanic Caribbean, and Mexico (Costa Rica, Cuba, Dominican

Republic, El Salvador, Guatemala, Honduras, Mexico, Nicaragua, and Panama); South America, comprising the Andean Region and the Southern Cone (Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela); and the non-Hispanic Caribbean (Anguilla, Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bermuda, British Virgin Islands, Cayman Islands, Dominica, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Montserrat, Netherlands Antilles, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, and Turks and Caicos Islands). The term “Latin America and the Caribbean” includes all the countries except Canada and the United States. The main tables contain suicide data for the Americas and the subregions, while the Appendix includes suicide data for each country.

# RESULTS

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## 1. An overview of suicide in the Americas

With approximately 65,000 deaths from suicide per year and an age-adjusted mortality rate of 7.3 per 100,000 population for 2005-2009, suicide is an extremely important public health problem in the Americas. From the subregional perspective, the non-Hispanic Caribbean and North America experienced the highest rates of suicide in 2005-2009, while the lowest rates were seen in the subregions of South America and Central America, the Hispanic Caribbean, and Mexico (Table 1.1). However, several non-Hispanic Caribbean countries do not have complete data, and therefore these rates should be interpreted with caution.

The age-adjusted rate for Latin America and the Caribbean was 5.2 per 100,000 population for both sexes. In the subregions, the age-adjusted annual suicide rates per 100,000 for both sexes combined were as follows: North America, 10.1; Central America, the Hispanic Caribbean, and Mexico, 5.3; South America, 5.2; and the non-Hispanic Caribbean, 7.4 (Table 1.1).

If all age groups are included, suicide was the 36<sup>th</sup>-ranking cause of death in the Region: 21<sup>st</sup> among males and 46<sup>th</sup> among females. In North America, it ranked higher (21<sup>st</sup>). In persons aged 20-24, it was the third leading cause of death in the Americas, and among those aged 10-19 and 25-44, it was the fourth leading cause of death (Table 1.2).

Suicide accounted for 12.4% of external causes of death in the Americas, although this rate varied among the subregions, ranging from 19.5% in North America to 7.9% in South America (Table 1.3).

## 2. Gender and suicide

The age-adjusted suicide rates in the Region were 11.5 per 100,000 for males and 3.0 per 100,000 for females in 2005-2009. In Latin America and the Caribbean, the male and female rates were 8.4 and 2.1 per 100,000, respectively (Table 1.1).

In the Americas, like elsewhere in the world, male suicide rates remain higher than female rates, accounting for approximately 79% of all deaths from suicide. On average, the age-adjusted male/female ratio was 3.8 in the Region and 4.0 in Latin America and the Caribbean. At the subregional level, in Central America, the Hispanic Caribbean, and Mexico, the age-adjusted ratio was higher (4.2), while the male/female ratio was lower in North America (3.7) (Table 2.1).

At the regional level, male suicide rates were higher in all age groups. In all the subregions, the male/female ratio was higher in persons over 70 years old. The male/female ratio for this age group was 7.9 for the Region, while the lowest male/female ratio (2.2) was seen in the population aged 10-19.

### **3. Age and suicide**

The majority of suicides in the Region occurred in persons aged 25-44 (36.8%) and 45-59 (25.6%). While only 19.9% of the suicides occurred in the population aged 60 or older, persons over 70 had a suicide rate of 12.4 per 100,000—the highest of all the age groups in the Americas (Table 3.1 and Figure 3.1).

When gender-specific rates were examined, an increased risk of suicide in persons aged 70 or older was observed only in males. In females, the suicide risk was variable, peaking in two groups: ages 20-24 and 45-59 (Table 3.1 and Figures 3.2 and 3.3).

In most of the subregions, the highest rate for both sexes was found in the over-70 group. In North America alone, the highest rate was seen in 45-59 age group, and in the non-Hispanic Caribbean, in those aged 25-44. Males over 70 had the highest rates in all the subregions except the non-Hispanic Caribbean, where the highest rates were in the 25-44 age group. The age of highest risk for females was 20-24 years in most of the subregions. In North America and the non-Hispanic Caribbean, females aged 45-59 were at highest risk (Table 3.1 and Figures 3.1, 3.2, and 3.3).

### **4. Suicide methods**

Suffocation (39.7%), firearms (33.3%), and poisoning (18.2%) were the primary methods used in the Region, though they varied across subregions, as shown in Table 4.1 and Figure 4.1. The highest proportion of self-inflicted firearm deaths (47.2%) was observed in North America. Most suicides in the subregions of South America (58.2%) and Central America, the Hispanic Caribbean, and Mexico (64.3%) were by suffocation. In the non-Hispanic Caribbean, poisoning was the most common method (47.3%).

The method chosen for suicide varied by sex. In males, suffocation was the most common method in the Region as a whole (41.7%), and in the subregions of South America (61.5%) and Central America, the Hispanic Caribbean, and Mexico (68.1%). Firearms were the primary method used in North America (52.5%). Poisoning was the main method in the non-Hispanic Caribbean (44.4%) (Table 4.1 and Figure 4.2).

In females, poisoning and suffocation were the most common methods used in the Region (36.5% and 32.1%, respectively). Poisoning was the primary method in North America (39.7%) and in the non-Hispanic Caribbean (57.4%). However, suffocation was the most common method in the subregions of South America (46.0%) and Central America, the Hispanic Caribbean, and Mexico (48.3%) (Table 4.1 and Figure 4.3).

Table 4.2 shows the male/female ratio for the suicide methods used in the Region. In all the countries, males were more likely to choose suffocation, firearms, and cutting/piercing objects. In contrast, females were more likely to choose poisoning, jumping/falling from a high place, drowning, or fire or flames. The

largest difference between males and females regarding the primary method of suicide was in firearms, which males used 1.9 times more often than females. On the other hand, females were 2.7 times more likely than males to choose poisoning for suicide, and 4.2 times more likely to use fire or flames.

Suicide methods also varied by age and subregion (Table 4.3). In general, people under the age of 44 were more likely to choose suffocation, while those over 45 more commonly used firearms. In the subregions of South America and Central America, the Hispanic Caribbean, and Mexico, suffocation was the method used most often in all age groups. In North America, firearms were a common method across the age groups except for adolescents (ages 10-19), who most frequently chose suffocation. In the Hispanic Caribbean, poisoning was the most common method.

When the information on methods was examined by age and sex, males tended to reflect the general trends (Table 4.4), while females showed greater variability in the different age groups (Table 4.5)

## **5. Trends in suicide rates since 1990**

Age-adjusted suicide rates in the Region of the Americas remained relatively stable over the 20-year period from 1990 to 2009 (Tables 5.1 and 5.2). However, in Latin America and the Caribbean, increases were noted in the overall suicide rates and in the rates for both sexes as well.

When the subregional data were examined, a slight reduction in the overall rates was noted in North America. On the other hand, the subregions of South America and Central America, the Hispanic Caribbean, and Mexico had increases, and in South America these increases were observed in both sexes. However, in North America and in Central America, the Hispanic Caribbean, and Mexico there was an increase in males only. In the non-Hispanic Caribbean, the total suicide rate and the rates for both sexes remained stable throughout the period (Table 5.2).

The changes in suicide rates over the period were age-specific. In the Region as a whole, rates increased in the 25-44 age group, with a decline after age 45. North America experienced a reduction in all age groups except persons aged 45-59, where the rate increased. In Central America, the Hispanic Caribbean, and Mexico, there was an uptick in the 10-44 age group. In South America, suicide increased in persons aged 10-59, while there was a downward trend in those over age 70. In the non-Hispanic Caribbean, there were no significant changes over the period (Table 5.3).

## **6. Data validity and limitations**

The foregoing results should be interpreted bearing the following limitations in mind. First, some of the countries in the Region did not have data available for every year, and for this reason, a degree of caution should be used in interpreting and comparing the regional and subregional rates. Table 6.1. shows the years for which data are available for each country.

Second, some countries reported suicides in children under the age of 5 years. These cases are probably due to errors in the reporting and/or classification of the deaths and not to actual suicides in

this age group. However, such deaths accounted for only 0.05% of all suicides, which means that their inclusion as deaths from suicide should not affect the quality of the data.

Third, suicides inevitably represent an unknown percentage of unreported deaths, and it is quite possible that a large number of suicides failed to be included in the rates of those countries with a high percentage of unreported deaths. Table 6.2 shows great variability in the estimated percentage of underreported deaths in the countries of the Region. While underreporting in some countries is as low as 1%, others are estimated to have rates as high as 25%.

Although estimated suicide rates cannot be corrected for underreporting, they can be adjusted for deaths of undetermined intent/cause—in other words, deaths that the legal or medical authorities cannot attribute to homicide, suicide, or an accident. In the Region, such deaths account for 7.0% of all deaths from external causes; only North America shows percentages under 5% (Table 6.3). A high percentage of deaths of undetermined intent suggests that the number of suicides may be larger than the number reported by the country.

The previous report addressed this limitation with a table showing the percentage differences when these deaths were taken into account and when they were not. For the present report, this factor was examined further and a third group of suicide rates was calculated. Table 6.4 shows these suicide rates corrected to include the estimated proportion of deaths of undetermined intent that were suicides.

Finally, another limitation in the present report is the fact that the subregional categories used are different from the ones used in the previous report, which hinders comparisons between the two. In all the tables that show data prior to 2004, the suicide rates have been recalculated to fit the new categories. This adjustment makes it possible to see changes over time in the subregions now being used.

## FINAL CONSIDERATIONS

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In the Region of the Americas, on average, some 65,000 people die from suicide every year. This figure translates to an age-adjusted rate of 7.3 per 100,000 population for the period 2005-2009 (11.5 for males and 3.0 for females). The rates varied considerably across the different subregions; the highest were observed in the non-Hispanic Caribbean and in North America.

Suicide was approximately four times more frequent in males than in females. The greatest disparities between the sexes were observed in the subregion of Central America, the Hispanic Caribbean and Mexico, and the smallest differences were seen in North America and the Hispanic Caribbean.

Age is another risk factor, since the likelihood of suicide increases with age. Persons over 70, especially males, had the highest rate in the Region of the Americas as a whole, although not in all the subregions. Suicide ranked third among the leading causes of death in persons aged 10-24.

The primary suicide method in the Region was suffocation, followed by firearms and poisoning. These three methods accounted for over 90% of all suicides. The methods used varied across the subregions: in the subregions of South America and Central America, the Hispanic Caribbean, and Mexico, suffocation was the primary method; in North America it was firearms; and in the non-Hispanic Caribbean, poisoning. The method varied by sex: males more often used firearms, while females more frequently chose poisoning. Persons under 44 were more likely to choose suffocation, while those over 45 more commonly used firearms.

The first regional report on suicide mortality in the Americas appeared in 2009 and covered the period 1990-2004. This second report, presented five years later, adds the period 2005-2009. During the five years in question, the suicide rate in the Americas remained relatively stable, although rates changed in some of the subregions. There was a slight reduction in North America and increases in Latin America and the Caribbean. In the Region as a whole, the rates increased in persons aged 25-44 and a reduction was observed in the population over age 45.

A comparison of the two reports shows that some of the trends persist. Both males and the elderly continued to be at higher risk. The three primary suicide methods remained the same, although suffocation overtook firearms as the method most frequently used. Furthermore, while suicide rates declined in the older age groups, there were increases in some of the younger groups.

The examination of suicide mortality is constrained by weaknesses in the information systems, incomplete information from many countries, and evident underreporting. Also, cultural, religious, and stigma-related factors lead many families to hide the fact that a loved one has died from suicide.

Clearly, suicide continues to be an important public health problem. PAHO has stepped up its efforts to appropriately address this problem and, in its most recent Strategic Plan (2014-2017), it has made suicide one of the impact indicators to be evaluated in the Region.

The present report provides a general descriptive overview of suicide in the Region of the Americas and reflects PAHO's commitment to tackle this health issue. Despite the large body of available literature on the subject, more in-depth research is needed in Latin America and the Caribbean to examine not only mortality but also suicidal behavior as a whole, including suicidal ideation and attempts, as well as the social and cultural factors associated with the problem. It is also important and necessary to strengthen surveillance systems.

It would be a very positive step if, as part of the evaluation of mental health systems in the countries, the available data were also studied in relation to existing legal frameworks and the availability of programs, services, and resources to adequately prevent and treat the problems associated with suicidal behavior.

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## TABLES AND FIGURES

**Table 1.1. Suicide rates per 100,000 population, age-unadjusted and age-adjusted, in the Region of the Americas and its subregions, 2005–2009.<sup>a</sup>**

Region and subregions	Age-unadjusted rates			Age-adjusted rates		
	Both sexes	Males	Females	Both sexes	Males	Females
Region of the Americas	7.62	12.1	3.14	7.26	11.54	3.04
Latin America and the Caribbean	5.20	8.22	2.10	5.23	8.39	2.12
North America	11.43	18.24	4.80	10.07	15.88	4.27
Central America, Hispanic Caribbean and Mexico	5.06	8.11	1.97	5.30	8.50	2.02
South America	5.22	8.18	2.13	5.16	8.27	2.13
Non-Hispanic Caribbean	7.36	11.76	3.13	7.37	11.84	3.12

<sup>a</sup>Standard used: world population 2005–2009.

**Table 1.2. Ranking and percentage contribution (in parentheses) of suicide among other causes of death, by sex and age, in the Region of the Americas and its subregions, 2005–2009.**

Region and subregions	Age							Total
	5–9	10–19	20–24	25–44	45–59	60–69	70+	
Both sexes								
Region of the Americas	44 (0.1)	4 (6.8)	3 (7.6)	4 (5.6)	16 (2.3)	25 (0.8)	44 (0.2)	36 (1.2)
Latin America and the Caribbean	46 (0.1)	7 (5.5)	8 (5.6)	22 (3.7)	39 (1.3)	46 (0.5)	63 (0.2)	42 (1.0)
North America	27 (0.2)	2 (11.6)	3 (13.6)	5 (10.0)	16 (3.5)	27 (1.0)	36 (0.3)	21 (1.4)
Central America, Hispanic Caribbean and Mexico	51 (0.1)	9 (6.1)	9 (6.4)	21 (3.6)	36 (1.2)	40 (0.5)	45 (0.2)	38 (1.0)
South America	39 (0.2)	7 (5.2)	9 (5.4)	22 (3.6)	40 (1.3)	44 (0.5)	49 (0.2)	46 (1.0)
Non-Hispanic Caribbean	31 (0.6)	7 (7.3)	8 (6.2)	12 (4.7)	33 (1.7)	44 (0.5)	45 (0.1)	33 (1.2)
Number of causes	64	65	65	65	65	64	65	65
Males								
Region of the Americas	37 (0.2)	4 (6.7)	3 (7.9)	10 (6.5)	20 (2.9)	27 (1.1)	28 (0.4)	21 (1.8)
Latin America and the Caribbean	39 (0.2)	8 (4.9)	8 (5.7)	14 (4.2)	29 (1.7)	38 (0.7)	39 (0.3)	33 (1.5)
North America	20 (0.2)	2 (13.0)	3 (15.1)	4 (12.1)	12 (4.3)	16 (1.4)	29 (0.5)	14 (2.3)
Central America, Hispanic Caribbean and Mexico	46 (0.1)	10 (5.9)	8 (6.8)	15 (4.3)	25 (1.7)	29 (0.7)	39 (0.3)	29 (1.5)
South America	35 (0.2)	8 (4.6)	9 (5.3)	16 (4.1)	33 (1.7)	40 (0.7)	40 (0.3)	39 (1.4)
Non-Hispanic Caribbean	35 (0.8)	8 (5.7)	6 (6.5)	7 (5.9)	21 (2.2)	32 (0.8)	34 (0.2)	20 (1.7)
Number of causes	61	60	60	61	61	59	61	61

Continued

Continued	Table 1.2.							
Region and subregions	Age							
	5–9	10–19	20–24	25–44	45–59	60–69	70+	Total
Females								
Region of the Americas	48 (0.1)	5 (7.1)	9 (6.5)	26 (3.7)	30 (1.4)	46 (0.4)	53 (0.1)	46 (0.6)
Latin America and the Caribbean	49 (0.1)	5 (6.8)	21 (5.5)	38 (2.3)	47 (0.7)	50 (0.2)	53 (0.0)	54 (0.5)
North America	38 (0.1)	2 (8.2)	4 (8.9)	7 (6.2)	20 (2.2)	31 (0.5)	45 (0.1)	33 (0.6)
Central America, Hispanic Caribbean and Mexico	53 (0.0)	5 (6.7)	16 (5.1)	35 (2.0)	49 (0.5)	50 (0.2)	53 (0.1)	52 (0.5)
South America	44 (0.1)	5 (6.8)	21 (5.7)	37 (2.4)	46 (0.8)	50 (0.2)	57 (0.0)	53 (0.5)
Non-Hispanic Caribbean	58 (0.3)	19 (10.5)	24 (5.2)	46 (2.3)	39 (0.9)	51 (0.2)	53 (0.0)	52 (0.6)
Number of causes	62	62	62	64	63	63	63	64

**Table 1.3. Percentage contribution of suicide among external causes of death, by sex and age, in the Region of the Americas and its subregions, 2005–2009.**

Region and subregions	Age						Total
	10–19	20–24	25–44	45–59	60–69	70+	
Both sexes							
Region of the Americas	10.5	10.5	13.1	18.0	16.4	8.1	12.4
Latin America and the Caribbean	8.6	7.9	8.5	10.4	10.3	6.0	8.2
North America	16.4	18.1	23.2	26.2	24.6	9.8	19.5
Central America, Hispanic Caribbean and Mexico	11.0	10.2	9.5	10.0	9.4	5.6	8.8
South America	7.7	7.1	8.1	10.5	10.6	6.2	7.9
Non-Hispanic Caribbean	12.5	9.4	12.8	15.4	13.0	6.2	11.6
Males							
Region of the Americas	9.1	9.9	12.4	17.7	17.6	12.8	12.7
Latin America and the Caribbean	6.8	7.0	7.9	10.0	10.8	8.9	8.0
North America	17.3	18.8	24.2	27.9	27.9	16.3	22.5
Central America, Hispanic Caribbean and Mexico	9.1	9.4	9.2	9.9	9.9	8.5	8.9
South America	6.1	6.3	7.4	9.9	11.1	9.2	7.5
Non-Hispanic Caribbean	8.6	8.4	12.2	14.8	13.5	8.8	11.3

Continued

Continued	Table 1.3						
Region and subregions	Age						
	10–19	20–24	25–44	45–59	60–69	70+	Total
Female							
Region of the Americas	15.8	14.8	16.4	18.7	12.9	2.6	11.1
Latin America and the Caribbean	16.7	14.6	13.0	13.3	8.5	2.0	9.2
North America	13.7	15.1	20.0	22.0	16.9	3.1	13.0
Central America, Hispanic Caribbean and Mexico	17.9	15.3	12.1	11.0	7.6	1.8	8.3
South America	16.0	14.2	13.3	14.0	8.8	2.1	9.5
Non-Hispanic Caribbean	25.0	17.0	16.9	18.7	11.0	2.6	13.0

**Table 2.1. Male/female suicide ratio, by age group, in the Region of the Americas and its subregions, 2005–2009.<sup>a</sup>**

Region and subregions	Age							Age-unadjusted	Age-adjusted
	10–19	20–24	25–44	45–59	60–69	70+			
Region of the Americas	2.2	4.4	4.0	3.5	4.4	7.9	3.8	3.8	
Latin America and the Caribbean	1.8	3.9	4.6	4.2	5.1	7.8	3.9	4.0	
North America	3.4	5.0	3.6	3.2	4.1	8.1	3.8	3.7	
Central America, Hispanic Caribbean and Mexico	1.7	3.9	5.3	4.8	5.0	7.5	4.1	4.2	
South America	1.8	3.9	4.3	4.1	5.2	7.9	3.8	3.9	
Non-Hispanic Caribbean	1.1	3.5	5.0	4.1	5.2	6.5	3.8	3.8	

<sup>a</sup>Standard used: world population 2005–2009.

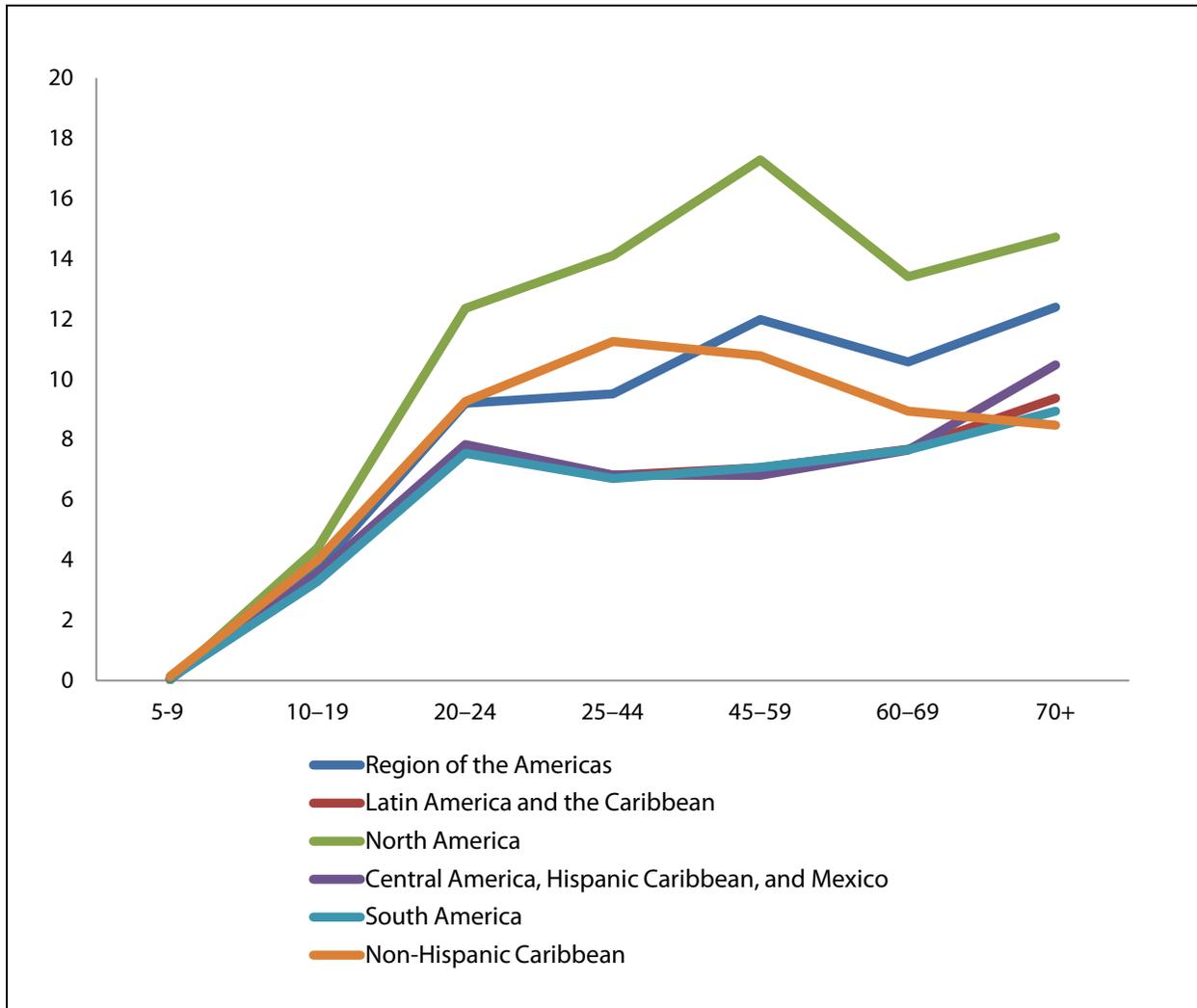
**Table 3.1. Suicide rates per 100,000 population, by age group, in the Region of the Americas and its subregions, 2005–2009.**

Region and subregions	Age						
	5–9	10–19	20–24	25–44	45–59	60–69	70+
Both sexes							
Region of the Americas	0.06	3.70	9.21	9.51	11.98	10.58	12.39
Latin America and the Caribbean	0.07	3.38	7.65	6.81	7.06	7.68	9.37
North America	0.02	4.40	12.35	14.10	17.29	13.40	14.72
Central America, Hispanic Caribbean and Mexico	0.06	3.53	7.83	6.83	6.82	7.64	10.48
South America	0.08	3.30	7.54	6.71	7.07	7.66	8.94
Non-Hispanic Caribbean	0.14	4.00	9.26	11.25	10.78	8.94	8.47
Males							
Region of the Americas	0.05	5.06	14.82	15.26	18.86	17.83	25.34
Latin America and the Caribbean	0.06	4.30	12.11	11.25	11.64	13.29	18.66
North America	0.03	6.71	20.22	21.94	26.55	22.24	30.75
Central America, Hispanic Caribbean and Mexico	0.02	4.47	12.37	11.48	11.38	12.69	20.08
South America	0.07	4.22	11.95	10.99	11.61	13.48	18.09
Non-Hispanic Caribbean	0.23	4.13	14.50	19.09	17.62	15.60	17.07

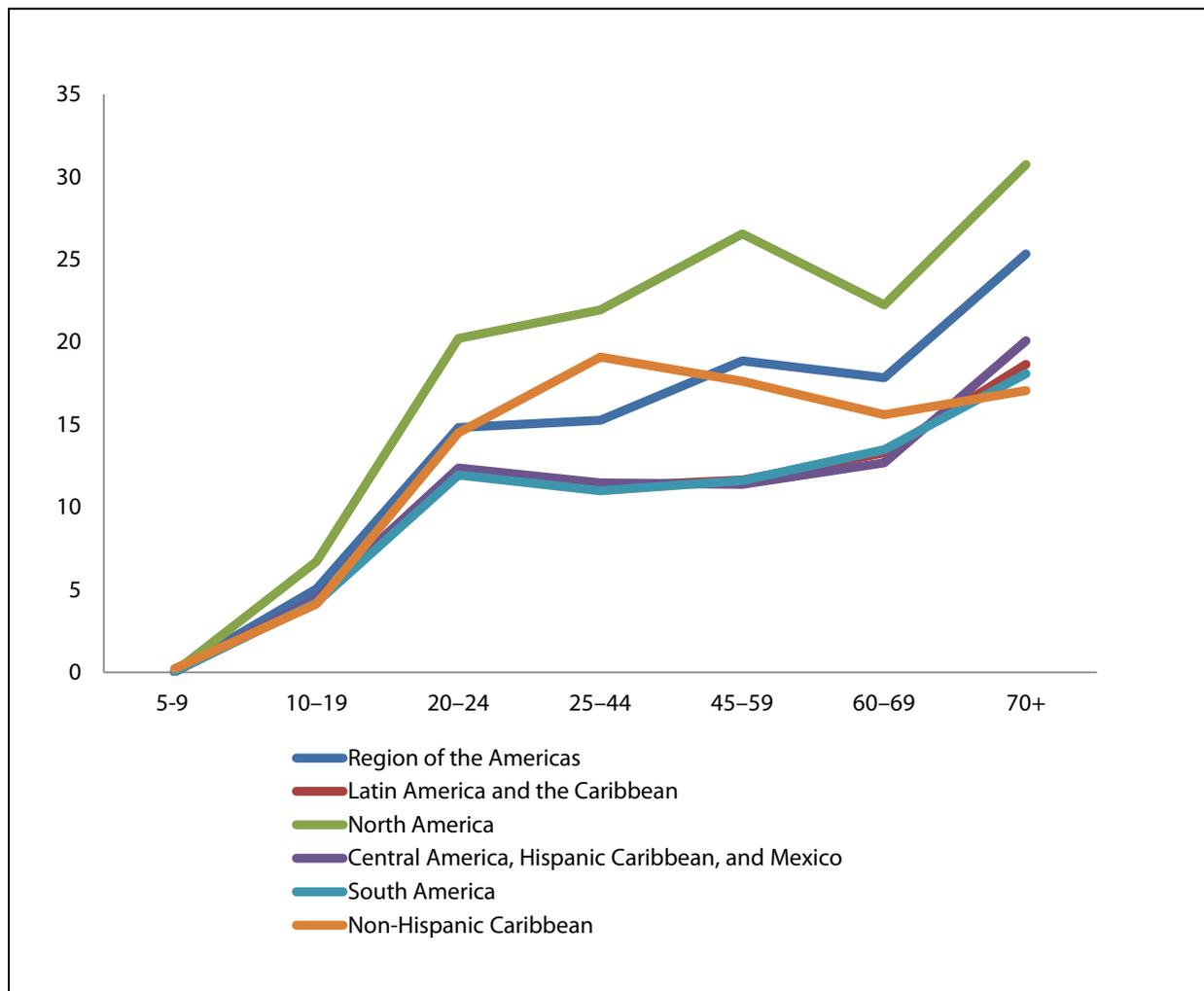
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Continued	Table 3.1						
Region and subregions	Age						
	5–9	10–19	20–24	25–44	45–59	60–69	70+
Females							
Region of the Americas	0.02	2.31	3.40	3.78	5.42	4.01	3.19
Latin America and the Caribbean	0.02	2.45	3.10	2.44	2.75	2.58	2.40
North America	0.01	1.98	4.03	6.10	8.36	5.41	3.78
Central America, Hispanic Caribbean and Mexico	0.01	2.56	3.17	2.18	2.38	2.55	2.67
South America	0.02	2.37	3.05	2.53	2.85	2.59	2.29
Non-Hispanic Caribbean	0.05	3.87	4.10	3.78	4.33	3.00	2.64

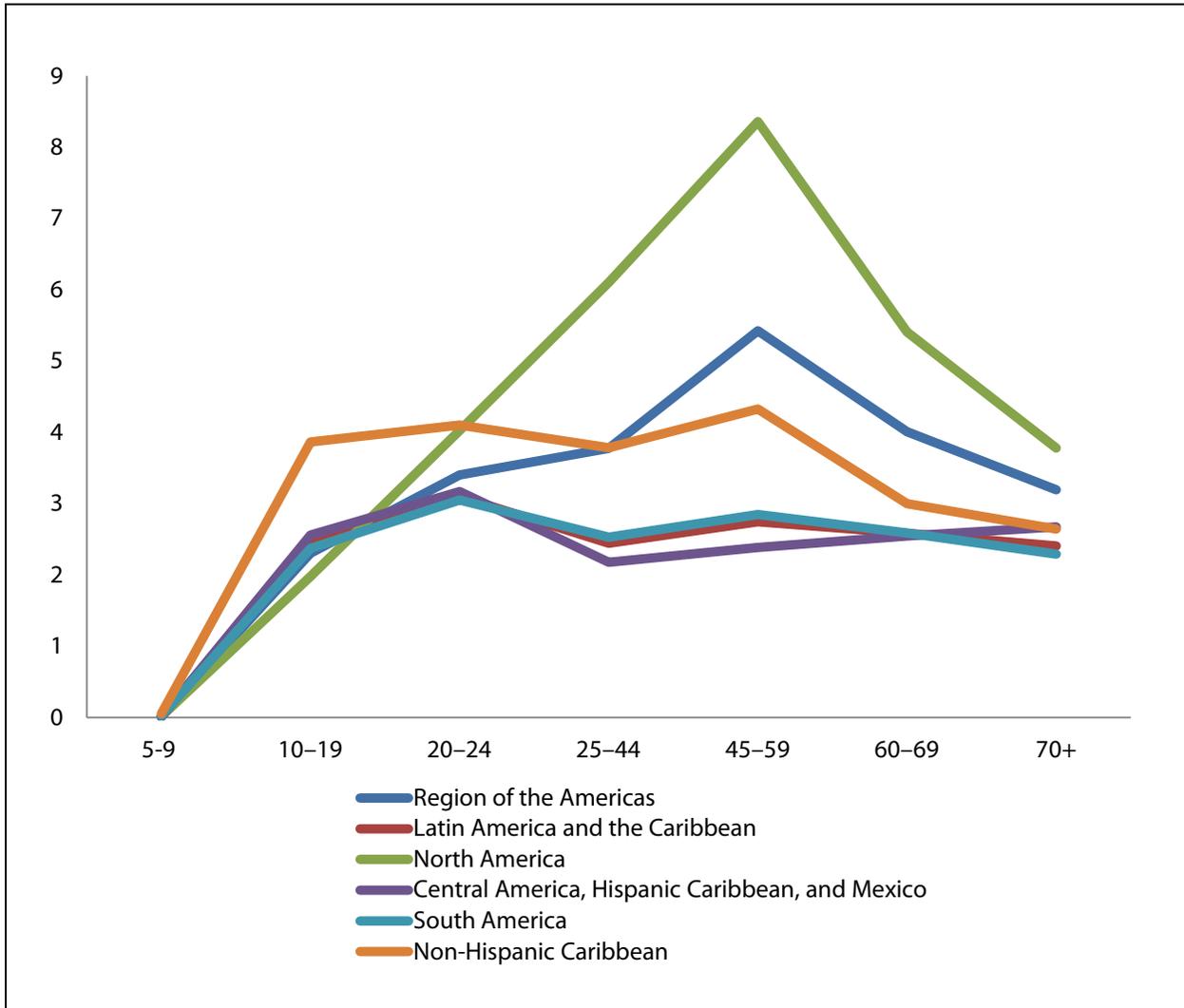
**Figure 3.1. Suicide rates per 100,000 population, by age group, in the Region of the Americas and its subregions, both sexes, 2005–2009.**



**Figure 3.2. Suicide rates per 100,000 population, by age group, in the Region of the Americas and its subregions, males, 2005–2009.**



**Figure 3.3. Suicide rates per 100,000 population, by age group, in the Region of the Americas and its subregions, females, 2005–2009.**



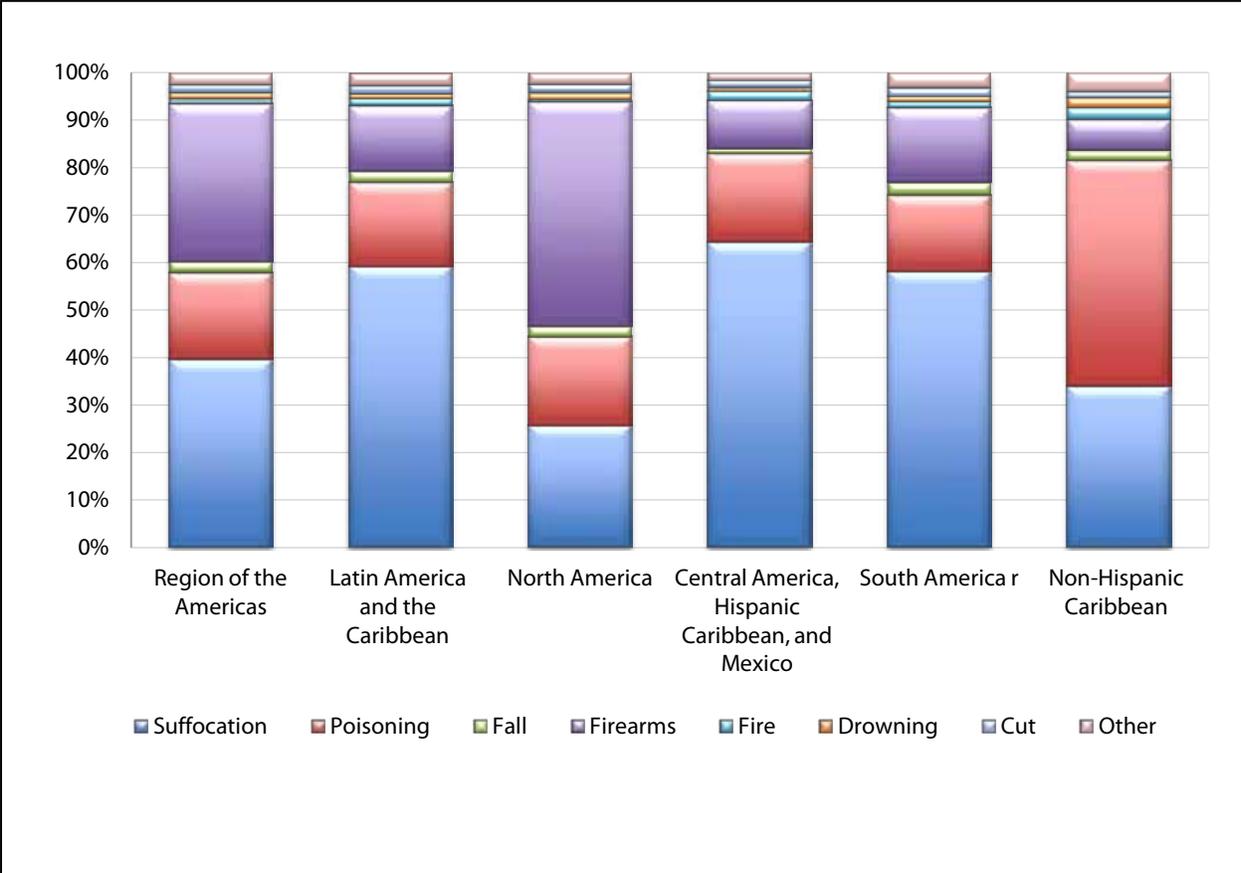
**Table 4.1. Suicide methods used in the Region of the Americas and its subregions, percentage, 2005–2009.**

Region and subregions	Suffocation	Poisoning	Fall	Firearms	Fire/Flame	Drowning	Cut/Pierce	Other
Both sexes								
Region of the Americas	39.7	18.2	2.3	33.3	0.9	1.2	1.8	2.5
Latin America and the Caribbean	59.2	17.7	2.2	13.8	1.5	1.1	1.7	2.7
North America	25.8	18.6	2.3	47.2	0.5	1.3	1.9	2.4
Central America, Hispanic Caribbean and Mexico	64.3	18.7	1.1	10.0	2.0	0.8	1.5	1.6
South America	58.2	16.1	2.7	15.6	1.3	1.2	1.8	3.1
Non-Hispanic Caribbean	34.1	47.3	2.2	6.6	2.3	2.2	1.2	4.0
Males								
Region of the Americas	41.7	13.3	2.0	37.0	0.6	1.0	1.9	2.3
Latin America and the Caribbean	62.7	14.0	1.8	15.4	0.8	1.0	1.8	2.4
North America	26.6	12.9	2.2	52.5	0.5	1.0	2.0	2.3
Central America, Hispanic Caribbean and Mexico	68.1	14.9	1.0	11.3	0.7	0.8	1.6	1.4
South America	61.5	12.4	2.2	17.4	0.8	1.0	1.9	2.6
Non-Hispanic Caribbean	37.9	44.4	1.8	8.1	1.5	2.0	1.0	1.4

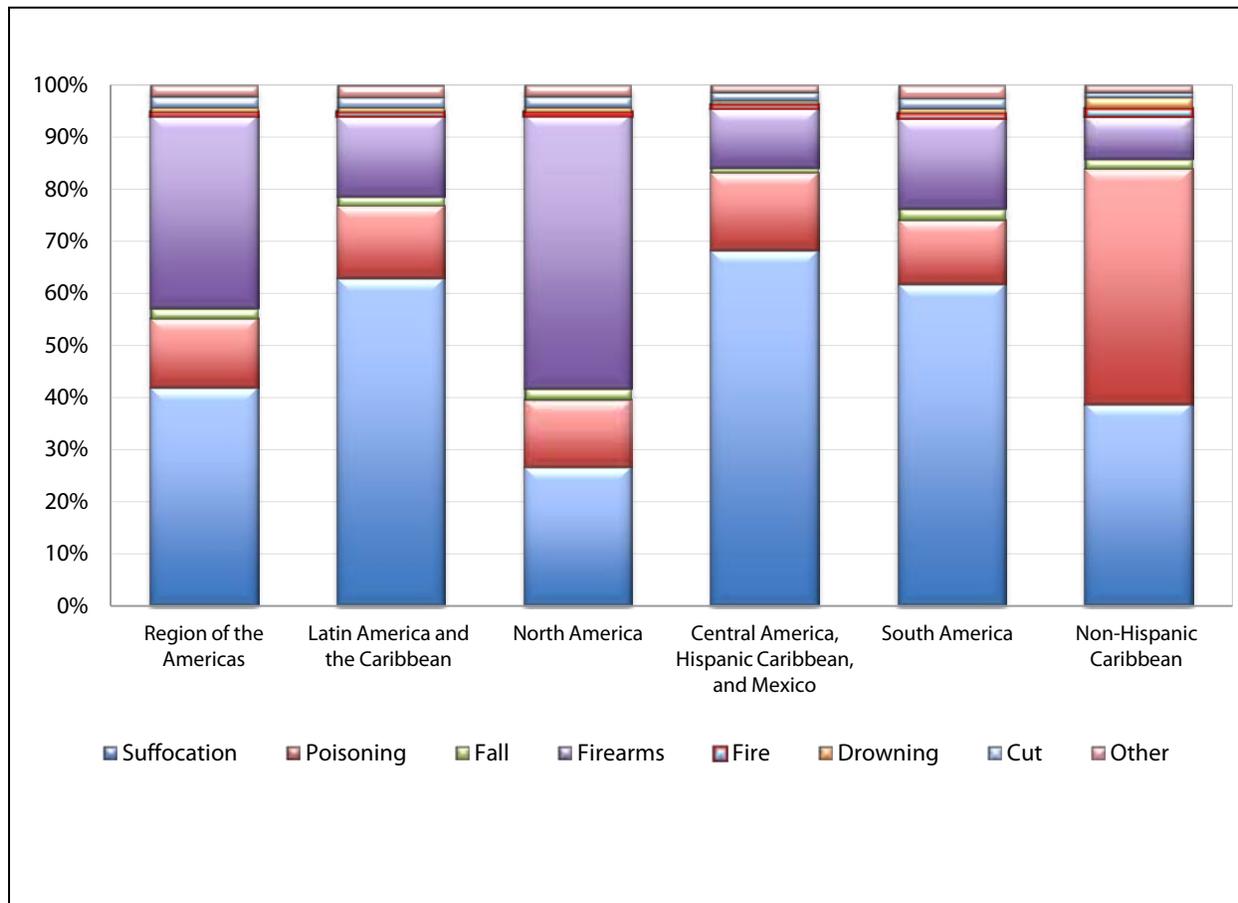
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Continued								
Table 4.1								
Region and subregions	Suffocation	Poisoning	Fall	Firearms	Fire/Flame	Drowning	Cut/Pierce	Other
Females								
Region of the Americas	32.1	36.5	3.3	19.2	2.2	2.0	1.5	3.2
Latin America and the Caribbean	45.9	31.9	3.6	7.4	4.2	1.7	1.5	3.9
North America	22.5	39.7	3.1	27.4	0.8	2.2	1.6	2.8
Central America, Hispanic Caribbean and Mexico	48.3	34.4	1.5	4.8	7.2	0.9	1.2	1.7
South America	46.0	29.9	4.4	8.6	3.0	1.9	1.6	4.6
Non-Hispanic Caribbean	21.3	57.4	3.6	1.2	5.3	3.0	1.8	6.5

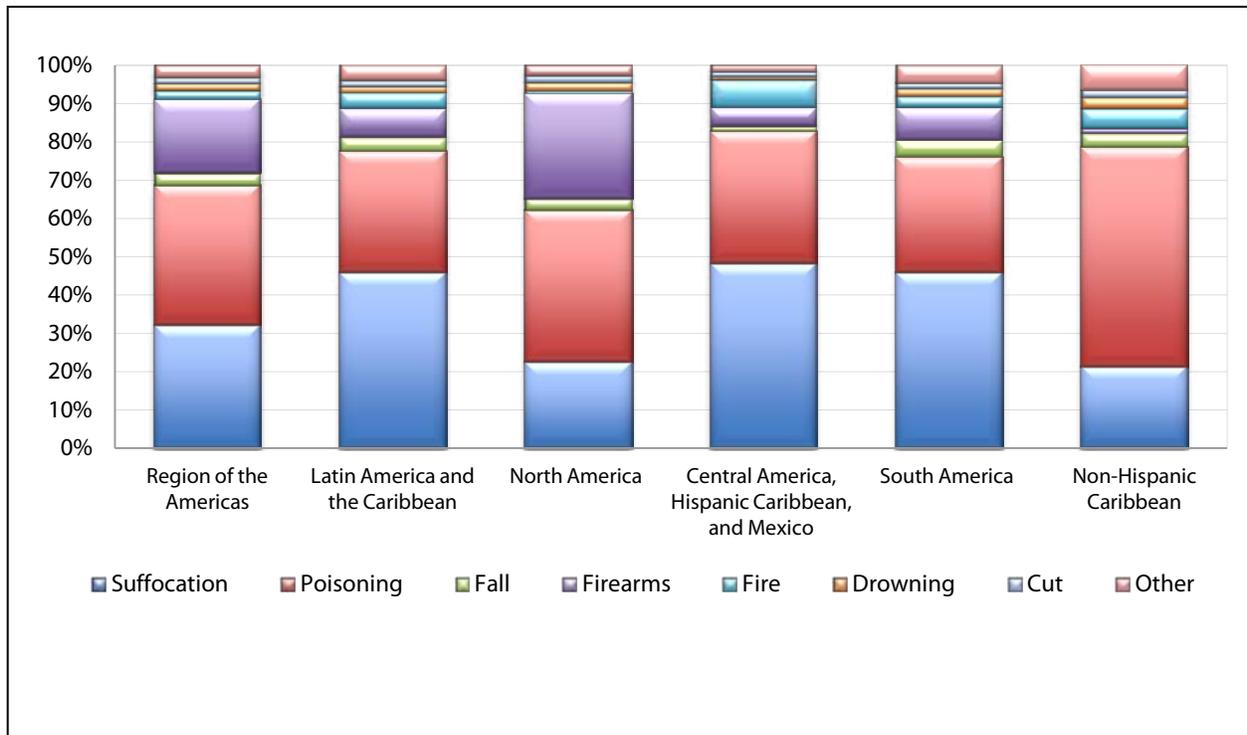
**Figure 4.1. Suicide methods used in the Region of the Americas and its subregions, percentage of total for both sexes, 2005-2009.**



**Figure 4.2. Suicide methods used in the Region of the Americas and its subregions, percentage of total for males, 2005–2009.**



**Figure 4.3. Suicide methods used in the Region of the Americas and its subregions, percentage of total for females, 2005–2009.**



**Table 4.2. Male-female ratio of suicide methods used, age-unadjusted, in the Region of the Americas and its subregions, 2005–2009.**

Region and subregions	Suffocation	Poisoning	Fall	Firearms	Fire/Flame	Drowning	Cut/Pierce	Other
Both sexes								
Region of the Americas	1.3	0.4	0.6	1.9	0.3	0.5	1.3	0.7
Latin America and the Caribbean	1.4	0.4	0.5	2.1	0.2	0.6	1.2	0.6
North America	1.2	0.3	0.7	1.9	0.6	0.5	1.3	0.8
Central America, Hispanic Caribbean, and Mexico	1.4	0.4	0.7	2.4	0.1	0.9	1.3	0.8
South America	1.3	0.4	0.5	2.0	0.3	0.5	1.2	0.6
Non-Hispanic Caribbean	1.8	0.8	0.5	6.8	0.3	0.7	0.6	0.2

**Table 4.3. Suicide methods used, by age, in the Region of the Americas and its subregions, percentage for both sexes, 2005-2009.**

Region and subregions	Age					
	10-19	20-24	25-44	45-59	60-69	70+
Region of the Americas						
Suffocation	56.0	49.9	44.5	32.4	29.5	27.0
Poisoning	17.7	15.7	19.3	22.9	16.8	10.7
Fall	1.7	2.6	2.4	2.2	2.2	2.2
Firearms	21.6	27.2	27.9	35.3	44.1	53.4
Fire/Flame	0.5	0.7	0.9	1.1	1.1	1.1
Drowning	0.8	1.1	1.1	1.3	1.6	1.6
Cut/Pierce	0.7	1.1	1.7	2.4	2.4	2.1
Other	2.3	2.6	2.7	2.5	2.5	1.9
Latin America and the Caribbean						
Suffocation	60.5	59.8	60.0	58.3	56.7	57.7
Poisoning	22.4	18.9	18.4	17.1	14.0	9.7
Fall	1.5	2.1	2.1	2.4	2.9	2.8
Firearms	11.5	13.7	12.9	13.5	16.6	19.6
Fire/Flame	0.5	1.0	1.4	2.1	2.2	2.5
Drowning	0.9	1.0	0.9	1.3	1.9	1.8
Cut/Pierce	0.8	1.2	1.6	2.2	2.6	2.7
Other	1.9	2.2	2.7	3.0	3.3	3.2

Continued

Continued	Table 4.3.					
Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
North America						
Suffocation	48.4	37.4	31.9	21.1	14.3	12.1
Poisoning	6.3	9.6	19.2	25.1	18.1	11.1
Fall	2.0	3.3	2.6	2.2	1.9	2.0
Firearms	38.7	44.2	40.1	44.9	59.5	69.9
Fire/Flame	0.3	0.4	0.5	0.6	0.5	0.4
Drowning	0.6	1.2	1.2	1.3	1.5	1.6
Cut/Pierce	0.5	0.9	1.7	2.5	2.2	1.8
Other	3.1	3.12	2.7	2.3	2.0	1.3
Central America, Hispanic Caribbean, and Mexico						
Suffocation	65.2	64.0	66.0	61.7	59.4	65.0
Poisoning	23.5	22.2	18.4	17.7	16.5	10.6
Fall	0.5	0.5	1.0	1.5	2.0	2.2
Firearms	7.9	9.0	9.5	11.2	12.7	12.6
Fire/Flame	0.4	0.8	1.6	3.1	3.8	4.5
Drowning	0.7	0.8	0.6	1.0	0.9	1.2
Cut/Pierce	0.5	0.9	1.3	2.4	2.5	2.5
Other	1.3	1.7	1.7	1.5	2.2	1.3

Continued

Continued	Table 4.3.					
Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
South America						
Suffocation	59.0	59.1	58.6	58.3	56.5	55.1
Poisoning	21.0	16.6	17.1	15.5	12.1	8.2
Fall	2.0	2.8	2.6	2.8	3.1	3.0
Firearms	13.5	15.9	14.5	14.6	18.4	23.2
Fire/Flame	0.6	1.0	1.3	1.7	1.5	1.7
Drowning	0.9	1.0	1.0	1.4	2.0	2.1
Cut/Pierce	0.8	1.4	1.8	2.1	2.1	2.8
Other	2.2	2.3	3.2	3.5	3.7	3.9
Non-Hispanic Caribbean						
Suffocation	34.6	30.6	35.0	32.0	37.7	34.5
Poisoning	47.4	48.2	50.0	48.5	36.1	38.2
Fall	2.6	2.4	1.9	1.8	4.9	3.6
Firearms	6.4	5.9	5.6	7.1	6.6	12.7
Fire/Flame	2.6	3.5	2.2	1.8	3.3	1.8
Drowning	2.6	3.5	1.9	1.8	6.6	0
Cut/Pierce	1.3	0	0.3	3.0	1.6	1.8
Other	2.6	5.9	3.1	4.1	3.3	7.3

**Table 4.4. Suicide methods used, by age, in the Region of the Americas and its subregions, percentage for males, 2005–2009.**

Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
Region of the Americas						
Suffocation	58.3	51.2	47.3	35.2	30.9	26.9
Poisoning	9.1	11.0	14.5	16.9	11.8	7.3
Fall	1.7	2.5	2.2	1.9	1.8	1.7
Firearms	26.9	29.9	30.0	39.3	49.0	58.9
Fire/Flame	0.4	0.5	0.6	0.7	0.7	0.5
Drowning	0.8	1.1	0.9	1.0	1.2	1.2
Cut/Pierce	0.7	1.2	1.8	2.6	2.3	2.0
Other	2.1	2.5	2.6	2.3	2.2	1.5
Latin America and the Caribbean						
Suffocation	68.5	63.6	63.2	61.0	58.9	60.0
Poisoning	12.2	14.3	15.2	15.1	12.6	8.7
Fall	1.4	1.9	1.8	1.8	2.2	2.1
Firearms	14.2	15.2	14.0	15.2	18.5	21.7
Fire/Flame	0.4	0.6	0.8	1.0	1.1	1.1
Drowning	1.0	1.0	0.8	1.0	1.5	1.3
Cut/Pierce	0.9	1.3	1.7	2.3	2.5	2.6
Other	1.4	2.1	2.5	2.7	2.7	2.4

Continued

Continued	Table 4.4.					
Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
North America						
Suffocation	44.3	36.6	33.9	23.2	14.7	10.7
Poisoning	4.6	7.2	13.9	17.7	11.4	6.7
Fall	2.0	3.1	2.5	2.0	1.6	1.5
Firearms	44.6	47.5	43.7	50.5	66.7	77.1
Fire/Flame	0.4	0.4	0.5	0.6	0.5	0.2
Drowning	0.6	1.2	1.0	1.1	1.1	1.1
Cut/Pierce	0.5	1.0	1.9	2.8	2.2	1.6
Other	3.1	3.0	2.6	2.2	1.9	1.1
Central America, Hispanic Caribbean, and Mexico						
Suffocation	72.9	68.0	69.0	65.0	63.3	68.5
Poisoning	14.1	17.4	15.4	15.6	14.6	9.0
Fall	0.4	0.5	0.9	1.3	1.5	1.9
Firearms	9.7	9.9	10.3	12.5	14.6	14.2
Fire/Flame	0.1	0.4	0.7	0.8	0.9	1.6
Drowning	1.0	1.1	0.6	0.8	0.7	1.0
Cut/Pierce	0.6	1.1	1.4	2.4	2.4	2.4
Other	1.1	1.8	1.7	1.6	2.0	1.4

Continued

Continued	Table 4.4.					
Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
South America						
Suffocation	66.9	62.6	61.9	60.8	57.9	56.7
Poisoning	10.7	12.1	13.7	13.6	11.0	7.5
Fall	1.8	2.5	2.2	2.0	2.4	2.2
Firearms	16.5	17.6	15.9	16.4	20.3	25.4
Fire/Flame	0.4	0.6	0.8	1.0	1.0	0.9
Drowning	1.0	1.0	0.8	1.0	1.6	1.5
Cut/Pierce	1.0	1.5	1.9	2.1	2.6	2.7
Other	1.6	2.2	2.8	3.0	3.0	3.0
Non-Hispanic Caribbean						
Suffocation	46.5	36.2	37.5	33.6	42.9	40.0
Poisoning	34.9	43.5	47.7	47.3	34.7	35.6
Fall	2.3	2.9	1.5	1.5	4.1	2.2
Firearms	11.6	7.2	6.1	9.2	8.2	15.6
Fire/Flame	2.3	1.4	1.9	0.8	2.0	2.2
Drowning	2.3	2.9	1.9	0.8	6.1	0
Cut/Pierce	0	0	0.4	3.1	0	2.2
Other	0	5.8	3.0	3.8	2.0	2.2

**Table 4.5. Suicide methods used, by age, in the Region of the Americas and its subregions, percentage for females, 2000–2004.**

Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
Region of the Americas						
Suffocation	50.7	43.5	33.0	23.3	23.6	27.9
Poisoning	33.3	31.7	36.3	41.7	35.7	29.2
Fall	1.8	3.4	3.3	3.3	3.8	5.2
Firearms	9.6	14.8	19.1	22.2	24.5	22.8
Fire/Flame	0.7	1.7	2.1	2.4	2.9	4.2
Drowning	0.5	1.1	1.6	2.3	3.4	4.1
Cut/Pierce	0.6	0.7	1.2	1.9	2.5	2.8
Other	2.9	3.0	3.4	3.0	3.6	3.9
Latin America and the Caribbean						
Suffocation	46.1	44.7	45.4	47.6	46.5	44.5
Poisoning	40.9	37.5	32.9	25.0	20.2	15.6
Fall	1.6	2.8	3.6	4.9	5.8	6.4
Firearms	6.7	7.8	7.7	6.9	7.6	7.7
Fire/Flame	0.9	2.7	4.0	6.5	7.1	10.7
Drowning	0.6	0.8	1.4	2.7	3.7	4.3
Cut/Pierce	0.6	0.9	1.1	2.1	3.4	3.4
Other	2.6	2.7	3.9	4.4	5.8	7.4

Continued

Continued	Table 4.5.					
Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
North America						
Suffocation	63.2	41.5	24.5	14.6	12.8	20.0
Poisoning	12.5	22.5	38.6	47.6	42.9	35.8
Fall	2.2	4.3	3.1	2.5	3.0	4.5
Firearms	17.6	25.9	27.0	27.7	32.4	30.1
Fire/Flame	0	0.4	0.7	0.9	0.9	1.0
Drowning	0.7	1.5	1.8	2.2	3.3	3.9
Cut/Pierce	0.4	0.6	1.3	1.8	2.2	2.5
Other	3.3	3.2	3.1	2.5	2.6	2.0
Central America, Hispanic Caribbean, and Mexico						
Suffocation	51.4	47.8	49.7	46.3	40.4	44.1
Poisoning	40.3	42.1	34.0	27.5	26.6	20.4
Fall	0.5	0.5	1.3	2.6	3.2	4.3
Firearms	4.8	5.3	5.4	4.8	3.2	2.2
Fire/Flame	0.8	2.4	6.3	14.0	18.1	22.6
Drowning	0.3	0.5	0.8	1.7	2.1	2.2
Cut/Pierce	0.5	0	0.6	2.2	3.2	3.2
Other	1.5	1.4	1.9	0.9	3.2	1.1

Continued

Continued	Table 4.5.					
Region and subregions	Age					
	10–19	20–24	25–44	45–59	60–69	70+
South America						
Suffocation	44.7	44.9	44.8	48.9	50.2	46.4
Poisoning	40.2	34.8	31.3	23.0	17.2	12.2
Fall	2.1	3.9	4.4	5.7	6.2	7.2
Firearms	8.0	9.0	8.7	7.8	9.5	10.5
Fire/Flame	0.9	2.3	3.3	4.4	3.3	5.9
Drowning	0.6	0.7	1.3	2.2	2.8	4.1
Cut/Pierce	0.4	0.8	1.6	2.8	4.0	5.4
Other	3.0	3.1	4.6	5.3	6.2	9.0
Non-Hispanic Caribbean						
Suffocation	18.9	11.1	23.6	27.0	16.7	16.7
Poisoning	59.5	66.7	61.8	51.4	41.7	41.7
Fall	2.7	0	3.6	2.7	8.3	6.7
Firearms	2.7	0	1.8	0	0	0
Fire/Flame	0.7	0.0	1.9	0.9	0.0	0
Drowning	2.7	5.6	1.8	1.7	8.3	0
Cut/Pierce	2.7	0	0	2.7	8.3	0
Other	5.4	5.6	3.6	5.4	8.3	25.0

**Table 5.1. Suicide rates per 100,000 population, by five-year groups, in the Region of the Americas and its subregions, 1990–2009.**

Region and subregions	Years							
	Age-unadjusted				Age-adjusted			
	1990-1994	1995-1999	2000-2004	2005-2009	1990-1994	1995-1999	2000-2004	2005-2009
<b>Both sexes</b>								
Region of the Americas	7.26	7.14	7.09	7.62	7.44	7.19	7.00	7.26
Latin America and the Caribbean	4.06	4.49	4.81	5.20	4.70	4.94	5.09	4.06
North America	12.26	11.34	10.86	11.43	11.11	10.29	9.72	10.07
Central America, Hispanic Caribbean, and Mexico	4.47	4.86	4.73	5.06	5.46	5.53	5.11	5.30
South America	3.85	4.38	4.91	5.22	4.36	4.74	5.13	5.16
Non-Hispanic Caribbean	5.03	2.90	3.44	7.36	5.75	3.46	3.93	7.37
<b>Males</b>								
Region of the Americas	11.59	11.50	11.41	12.07	11.93	11.62	11.26	11.54
Latin America and the Caribbean	6.20	7.08	7.69	8.22	7.31	7.91	8.21	6.20
North America	20.13	18.60	17.60	18.24	18.14	16.76	15.61	15.88
Central America, Hispanic Caribbean, and Mexico	6.64	7.61	7.63	8.11	8.19	8.74	8.28	8.50
South America	5.96	6.93	7.83	8.18	6.89	7.61	8.26	8.27
Non-Hispanic Caribbean	7.92	4.68	5.45	11.76	9.31	5.67	6.31	11.84

Continued

Continued	Table 5.1.							
Region and subregions	Years							
	Age-unadjusted				Age-adjusted			
	1990-1994	1995-1999	2000-2004	2005-2009	1990-1994	1995-1999	2000-2004	2005-2009
Females								
Region of the Americas	3.03	2.88	2.87	3.14	3.11	2.90	2.85	3.04
Latin America and the Caribbean	1.93	1.93	1.99	2.10	2.15	2.06	2.06	1.93
North America	4.73	4.36	4.33	4.80	4.31	3.97	3.91	4.27
Central America, Hispanic Caribbean, and Mexico	2.32	2.16	1.90	1.97	2.75	2.37	2.00	2.02
South America	1.74	1.86	2.05	2.13	1.90	1.95	2.10	2.13
Non-Hispanic Caribbean	2.19	1.16	1.48	3.13	2.30	1.30	1.65	3.12

**Table 5.2. Correlation coefficients for suicide trends, by sex, in the Region of the Americas and its subregions, 2005–2009.**

Region and subregions	Age-unadjusted		
	Both sexes	Males	Females
	r	r	r
Region of the Americas	0.40	0.33	0.38
Latin America and the Caribbean	0.93 <sup>d</sup>	0.94 <sup>d</sup>	0.72 <sup>d</sup>
North America	-0.55 <sup>a</sup>	0.70 <sup>c</sup>	0.07
Central America, Hispanic Caribbean, and Mexico	0.69 <sup>c</sup>	0.81 <sup>d</sup>	0.13
South America	0.94 <sup>d</sup>	0.96 <sup>d</sup>	0.87 <sup>d</sup>
Non-Hispanic Caribbean	0.17	0.17	0.26

r=ratio    <sup>a</sup>= p < 0.05    <sup>b</sup>= p < 0.01    <sup>c</sup>= p < 01    <sup>d</sup>= p < 001

**Table 5.3. Correlation coefficients for suicide trends, by age, in the Region of the Americas and its subregions, 2005–2009.**

Region and subregions	Age					
	10-20	20-24	25-44	45-59	60-69	70+
	r	r	r	r	r	r
<b>Both sexes</b>						
Region of the Americas	0.35	-0.02	0.47 <sup>a</sup>	-0.86 <sup>d</sup>	-0.66 <sup>b</sup>	-0.98 <sup>d</sup>
Latin America and the Caribbean	0.97 <sup>d</sup>	0.93 <sup>d</sup>	0.91 <sup>d</sup>	0.61 <sup>a</sup>	-0.36	-0.70 <sup>c</sup>
North America	-0.73 <sup>d</sup>	-0.86 <sup>d</sup>	-0.76 <sup>d</sup>	0.73 <sup>d</sup>	-0.51 <sup>a</sup>	-0.97 <sup>d</sup>
Central America, Hispanic Caribbean, and Mexico	0.87 <sup>d</sup>	0.76 <sup>d</sup>	0.62 <sup>a</sup>	0.26	-0.18	-0.41
South America	0.93 <sup>d</sup>	0.93 <sup>d</sup>	0.95 <sup>d</sup>	0.68 <sup>b</sup>	-0.42	-0.84 <sup>d</sup>
Non-Hispanic Caribbean	0.23	-0.21	0.08	0.08	0.06	0.08
<b>Males</b>						
Region of the Americas	-0.18	-0.21	-0.53	0.87 <sup>d</sup>	-0.72 <sup>d</sup>	-0.98 <sup>d</sup>
Latin America and the Caribbean	0.98 <sup>d</sup>	0.93 <sup>d</sup>	0.93 <sup>d</sup>	0.64 <sup>a</sup>	-0.17	-0.65 <sup>a</sup>
North America	-0.76 <sup>d</sup>	-0.90 <sup>d</sup>	-0.85 <sup>d</sup>	0.71 <sup>d</sup>	-0.59 <sup>b</sup>	-0.97 <sup>d</sup>
Central America, Hispanic Caribbean, and Mexico	0.92 <sup>d</sup>	0.81 <sup>d</sup>	0.78 <sup>d</sup>	0.42	-0.19	-0.38
South America	0.97 <sup>d</sup>	0.92 <sup>d</sup>	0.95 <sup>d</sup>	0.64 <sup>a</sup>	-0.07	-0.79 <sup>d</sup>
Non-Hispanic Caribbean	0.25	-0.22	0.09	0.03	0.11	0.04

Continued

Continued	Table 5.3.					
Region and subregions	Age					
	10-20	20-24	25-44	45-59	60-69	70+
	r	r	r	r	r	r
Females						
Region of the Americas	0.84 <sup>d</sup>	0.30	-0.42	0.76 <sup>d</sup>	-0.66 <sup>a</sup>	-0.96 <sup>d</sup>
Latin America and the Caribbean	0.91 <sup>d</sup>	0.61 <sup>a</sup>	0.43	0.27	-0.76 <sup>d</sup>	-0.83 <sup>d</sup>
North America	-0.51 <sup>a</sup>	-0.17	0.14	0.73 <sup>d</sup>	-0.42	-0.93 <sup>d</sup>
Central America, Hispanic Caribbean, and Mexico	0.71 <sup>d</sup>	0.16	-0.13	-0.15	-0.31	-0.39
South America	0.84 <sup>d</sup>	0.73 <sup>d</sup>	0.80 <sup>d</sup>	0.59	-0.66 <sup>a</sup>	-0.89 <sup>d</sup>
Non-Hispanic Caribbean	0.22	-0.12	0.19	0.33	0.05	0.23

r=ratio    <sup>a</sup> = p < 0.05    <sup>b</sup> = p < 0.01    <sup>c</sup> = p < 01    <sup>d</sup> = p < 001

**Table 6.1. Mortality data, by year, in the countries of the Americas, 1990-2009.**

Country	1990-1999										2000-2009									
	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09
Anguilla																				
Antigua and Barbuda																				
Argentina																				
Aruba																				
Bahamas																				
Barbados																				
Belize																				
Bermuda																				
Bolivia																				
Brazil																				
Canada																				
Cayman Islands																				
Chile																				
Colombia																				
Costa Rica																				
Cuba																				
Dominica																				
Dominican Republic																				
Ecuador																				
El Salvador																				
French Guiana																				
Grenada																				
Guadeloupe																				
Guatemala																				
Guyana																				
Haiti																				
Honduras																				

Continued

Continued	Table 6.1																		
Country	1990-1999										2000-2009								
	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08
Jamaica																			
Martinique																			
Mexico																			
Montserrat																			
Netherlands Antilles																			
Nicaragua																			
Panama																			
Paraguay																			
Peru																			
Puerto Rico																			
Saint Kitts and Nevis																			
Saint Lucia																			
Saint Vincent and the Grenadines																			
Suriname																			
Trinidad and Tobago																			
Turks and Caicos Islands																			
United States																			
Uruguay																			
Venezuela																			
Virgin Islands (UK)																			
Virgin Islands (US)																			

Areas shaded in pink: no available data.

**Table 6.2. Estimated percentage of underreported deaths in the countries of the Americas, 2009.**

Country	Percentage	Country	Percentage
Region of the Americas	7.1	Guatemala	12.7
Latin America and the Caribbean	10.4	Guyana	20.3
North America	1.7	Haiti	NA
Anguilla	9.0	Honduras	NA
Antigua and Barbuda	3.3	Jamaica <sup>b</sup>	31.9
Argentina	4.7	Martinique	9.9
Aruba	26.5	Mexico	0.5
Bahamas	10.2	Montserrat	NA
Barbados	1.5	Netherlands Antilles	NA
Belize	19.0	Nicaragua	34.9
Bermuda	6.7	Panama	14.4
Bolivia	NA	Paraguay	33.1
Brazil	6.4	Peru	42.3
Canada	3.0	Puerto Rico	3.8
Cayman Islands	29.8	Saint Kitts and Nevis	NA
Chile	1.3	Saint Lucia <sup>a</sup>	14.8
Colombia	21.9	Saint Vincent and the Grenadines	NA
Costa Rica	14.8	Suriname	10.0
Cuba	NA	Trinidad and Tobago	8.2
Dominica	7.5	Turks and Caicos Islands	34.4
Dominican Republic	50.9	United States	1.6
Ecuador	17.4	Uruguay	1.4
El Salvador	24.7	Venezuela	11.1
French Guiana	8.3	Virgin Islands (UK)	7.6
Grenada	1.8	Virgin Islands (US)	1.2
Guadeloupe	7.2		

<sup>a</sup> = 2011

<sup>b</sup> = 2006

NA = Not available

**Table 6.3. Percentage of undetermined causes of death among external causes, in the Region of the Americas and its subregions, 2005-2009.**

Region and subregions	Both sexes	Males	Females
Region of the Americas	7.0	7.2	6.5
Latin America and the Caribbean	9.4	9.4	9.6
North America	2.9	2.7	3.5
Central America, Hispanic Caribbean, and Mexico	7.8	8.0	6.7
South America	10.1	9.9	10.9
Non-Hispanic Caribbean	7.7	7.7	7.8

**Table 6.4. Suicides per 100,000 population, corrected to include deaths due to undetermined causes, unadjusted and adjusted for age, both sexes, in the Region of the Americas and its subregions, 2005-2009.**

Region and subregions	Unadjusted rates			Adjusted rates		
	Both sexes	Males	Females	Both sexes	Males	Females
Region of the Americas	7.62	12.07	3.14	8.02	12.66	3.32
Latin America and the Caribbean	5.20	8.22	2.10	5.60	8.84	2.24
North America	11.43	18.24	4.80	11.82	18.77	5.04
Central America, Hispanic Caribbean, and Mexico	5.06	8.11	1.97	5.34	8.56	2.01
South America	5.22	8.18	2.13	5.66	8.88	2.31
Non-Hispanic Caribbean	7.36	11.76	3.13	8.00	12.78	3.36

## APPENDIX

**Table A1.1. Age-unadjusted suicide rates per 100,000 population, in the countries of the Americas, latest year available.**

Country	Both sexes	Males	Females	Year
Anguilla	0.82	1.66	0	2009
Antigua and Barbuda	0.89	1.68	0.17	2009
Argentina	7.25	11.48	3.10	2009
Aruba	6.83	11.68	2.35	2009
Bahamas	1.41	2.60	0.28	2008
Barbados	3.57	5.98	1.32	2008
Belize	4.42	7.55	1.31	2009
Bermuda	4.98	8.50	1.70	2008
Bolivia	0.16	0.22	0.10	2003
Brazil	4.19	6.61	1.73	2009
Canada	12.07	18.99	5.28	2009
Cayman Islands	1.64	2.97	0.36	2006
Chile	8.75	14.93	2.74	2009
Colombia	4.54	7.14	2.00	2009
Costa Rica	5.96	10.10	1.71	2009
Cuba	16.27	22.57	9.91	2009
Dominica	1.73	2.74	0.70	2009
Dominican Republic	1.72	2.80	0.62	2004
Ecuador	5.45	7.51	3.39	2009
El Salvador	8.58	12.48	4.94	2009
French Guiana	8.93	13.48	4.32	2009
Grenada	1.99	3.51	0.50	2009
Guadeloupe	7.71	12.69	3.22	2009
Guatemala	2.12	3.08	1.18	2009

Continued

Continued				
Table A1.1.				
Country	Both sexes	Males	Females	Year
Guyana	16.04	24.33	7.71	2009
Haiti	0.05	0.08	0.03	2004
Honduras	3.70	6.01	1.40	1990
Jamaica	0.30	0.48	0.08	2006
Martinique	8.66	15.25	2.86	2009
Mexico	3.50	5.91	1.15	2009
Montserrat	0	0	0	1994
Netherlands Antilles	4.09	6.93	1.55	2000
Nicaragua	5.30	7.66	2.96	2009
Panama	5.29	9.00	1.51	2009
Paraguay	3.13	4.26	1.98	2009
Peru	0.99	1.27	0.71	2009
Puerto Rico	8.26	15.33	1.71	2009
Saint Kitts and Nevis	1.98	3.05	0.92	2009
Saint Lucia	4.84	8.25	1.57	2008
Saint Vincent and the Grenadines	5.58	10.39	0.69	2009
Suriname	14.79	21.84	7.60	2009
Trinidad and Tobago	12.44	20	5.03	2008
Turks and Caicos Islands	2.05	3.19	0.84	2009
United States	11.38	18.55	4.48	2009
Uruguay	10.86	17.44	4.49	2009
Venezuela	4.39	7.22	1.54	2009
Virgin Islands (UK)	1.53	2.26	0.78	2009
Virgin Islands (US)	5.72	9.47	2.59	2009

**Table A1.2. Age-unadjusted and age-adjusted suicide rates per 100,000 population, in the countries of the Americas, 2005–2009.<sup>a</sup>**

Country	Unadjusted rates			Adjusted rates		
	T	M	F	T	M	F
Anguilla	0	0	0	0	0	0
Antigua and Barbuda	0.24	0.50	0	0.22	0.48	0
Argentina	7.71	12.56	3.07	7.47	12.11	3.01
Aruba	6.73	10.43	3.33	5.67	8.90	2.76
Bahamas	1.11	2.07	0.20	1.04	1.95	0.17
Barbados	1.08	2.03	0.19	0.93	1.73	0.18
Belize	3.82	6.36	1.35	4.10	6.97	1.23
Bermuda	1.88	3.10	0.73	1.49	2.61	0.39
Bolivia						
Brazil	4.84	7.50	1.91	4.63	7.47	1.89
Canada	11.19	17.18	5.30	9.69	14.64	4.68
Cayman Islands	1.59	3.25	0	1.54	3.17	0
Chile	11.68	19.27	4.26	11.15	18.29	4.12
Colombia	4.92	7.92	2.02	5.06	8.29	1.99
Costa Rica	7.06	11.86	2.10	6.97	11.69	2.05
Cuba	12.31	19.05	5.48	9.88	14.97	4.49
Dominica	1.66	3.29	0	1.60	3.07	0
Dominican Republic						
Ecuador	6.85	9.82	3.86	7.04	10.24	3.81
El Salvador	7.74	12.28	3.61	8.35	14.22	3.49
French Guiana	8.65	11.67	5.62	9.59	13.39	5.59
Grenada	1.94	3.11	0.77	2.15	3.52	0.89
Guadeloupe	7.39	11.80	3.44	6.66	10.92	2.97
Guatemala	2.84	3.44	2.09	3.53	3.95	2.38
Guyana	23.44	34.69	12.07	26.18	40.09	12.69

Continued

Continued						
Table A1.1.						
Country	Unadjusted rates			Adjusted rates		
	T	M	F	T	M	F
Haiti						
Honduras						
Jamaica	0.95	1.63	0.29	0.98	1.69	0.30
Martinique	8.60	15.37	2.69	7.54	13.62	2.27
Mexico	4.15	6.90	1.47	4.26	7.16	1.46
Montserrat						
Netherlands Antilles						
Nicaragua	6.67	10.20	3.20	7.03	11.27	2.97
Panama	5.32	9.16	1.42	5.49	9.42	1.44
Paraguay	3.96	5.58	2.31	4.27	6.13	2.32
Peru	0.98	1.29	0.68	1.01	1.34	0.67
Puerto Rico	7.68	13.98	1.85	6.84	12.51	1.64
Saint Kitts and Nevis	1.23	1.65	0.82	1.16	1.52	0.78
Saint Lucia	1.19	2.44	0	1.20	2.43	0
Saint Vincent and the Grenadines	5.51	9.81	1.11	5.45	9.62	1.14
Suriname	22.79	34.64	10.86	23.34	35.26	11.18
Trinidad and Tobago	11.47	19.42	3.97	10.72	18.30	3.76
Turks and Caicos Islands	0.92	1.78	0	1.15	2.32	0
United States	11.45	18.36	4.74	10.11	16.02	4.23
Uruguay	16.04	26.01	6.74	14.24	23.10	5.94
Venezuela	3.24	5.26	1.20	3.40	5.54	1.22
Virgin Islands (UK)	0	0	0	0	0	0
Virgin Islands (US)	7.29	12.69	6.84	6.84	12.30	2.04

T = Totals    M = Males    F = Females

<sup>a</sup>Standard used: world population 2005–2009.

**Table A1.3. Percentage contribution of suicide among other causes of death, by sex and age, in the countries of the Americas, 2005–2009.**

Country	Both sexes							
	5–9	10–19	20–24	25–44	45–59	60–69	70+	Total
Anguilla		0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	0.47	0	0	0	0
Argentina	0.3	12.7	14.1	6.5	1.6	0.7	0.2	1.1
Aruba	0	8.3	0	9.0	3.0	0.6	0	1.3
Bahamas	0	1.9	1.6	0.3	0.4	0	0	0.2
Barbados	0	0	0	1.2	0.2	0.1	0	0.1
Belize	0	6.4	3.1	1.9	0.8	0	0.1	0.8
Bermuda	0	0	0	2.2	0.9	0	0.1	0.3
Bolivia								
Brazil	0.1	3.1	4.1	3.2	1.2	0.5	0.1	0.9
Canada	0.1	18.5	21.5	15.5	4.8	1.1	0.2	1.6
Cayman Islands		0	0	4.8	0	0	0	0.5
Chile	0.5	19.5	23.0	13.0	3.9	1.1	0.3	2.2
Colombia	0.2	7.3	5.8	3.3	1.3	0.5	0.1	1.2
Costa Rica	0.5	9.3	12.5	8.1	2.9	0.8	0.1	1.9
Cuba	0	7.2	9.1	8.7	3.5	1.6	0.6	1.7
Dominica	0	0	0	1.8	1.0	0	0.1	0.3
Dominican Republic								
Ecuador	0	11.7	9.7	4.8	1.8	0.8	0.2	1.8
El Salvador	0.3	7.2	6.9	4.0	1.6	0.7	0.2	1.8
French Guiana	0	12.0	8.3	6.5	3.5	0.5	0.4	2.5
Grenada	0	0	0	1.6	0.2	0.2	0.1	0.3
Guadeloupe	4.8	4.0	4.9	9.2	4.1	1.0	0.2	1.4
Guatemala	0.2	2.7	2.4	1.3	0.5	0.2	0.1	0.6

Continued

Continued								
Table A1.3								
Country	Both sexes							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Guyana	0.6	17.6	17.5	9.8	2.7	1.5	0.4	3.6
Haiti								
Honduras								
Jamaica	0.9	0.9	0.6	0.7	0.2	0.1	0	0.2
Martinique	0	5.9	12.7	9.5	3.6	1.2	0.3	1.3
Mexico	0	6.4	6.6	3.3	0.8	0.3	0.1	0.9
Montserrat			0	0	0	0	0	0
Netherlands Antilles								
Nicaragua	0	13.4	15.2	6.1	1.6	0.5	0.1	2.2
Panama	0	6.0	7.8	4.5	1.6	0.9	0.2	1.3
Paraguay	0.1	8.7	7.8	3.7	1.1	0.5	0.2	1.3
Peru	0	13.4	15.2	6.1	1.6	0.5	0.1	2.2
Puerto Rico	0.3	2.8	2.6	1.0	0.4	0.1	0	0.3
Saint Kitts and Nevis	0	4.2	5.3	5.2	2.4	0.7	0.2	1.0
Saint Lucia	0	0	0	1.6	0	0	0	0.2
Saint Vincent and the Grenadines	0	1.9	0	0.9	0.2	0	0.1	0.2
Suriname	0	4.5	7.1	3.6	0.8	0.2	0	0.8
Trinidad and Tobago	1.2	23.8	22.3	12.2	5.3	1.5	0.6	4.1
Turks and Caicos Islands	0	7.1	7.4	6.1	1.9	0.6	0.2	1.5
United States	0	0	14.3	0	0	0	0	0.4
Uruguay	0.2	11.1	13.1	9.6	3.4	1.0	0.3	1.4
Venezuela	0.7	14.2	19.9	13.0	4.2	1.5	0.6	1.8
Virgin Islands (UK)	0.1	2.5	2.1	1.9	0.7	0.4	0.1	0.7
Virgin Islands (US)		0	0	0	0	0	0	0

Continued

Continued								
Table A1.3								
Country	Males							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Anguilla		0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	0.8	0	0	0	0.1
Argentina	0.3	13.8	15.7	8.1	1.9	0.8	0.4	1.7
Aruba	0	6.3	0	10.9	3.3	0.7	0	1.7
Bahamas	0	2.9	2.4	0.5	0.4	0	0	0.3
Barbados	0	0	0	1.6	0.3	0.1	0	0.2
Belize	0	6.0	3.7	2.6	1.2	0	0.2	1.1
Bermuda	0	0	0	2.7	1.2	0	0	0.4
Bolivia								
Brazil	0.2	2.7	4.0	3.6	1.5	0.6	0.2	1.3
Canada	0.2	18.7	23.0	18.6	5.9	1.4	0.4	2.4
Cayman Islands		0	0	6.7	0	0	0	0.9
Chile	0.7	19.9	24.1	14.9	5.0	1.6	0.5	3.4
Colombia	0.2	6.2	5.4	3.7	1.9	0.8	0.3	1.6
Costa Rica	0.9	9.1	13.7	9.9	4.1	1.2	0.2	2.8
Cuba	0	8.0	9.6	11.3	4.5	2.0	1.0	2.4
Dominica	0	0	0	2.7	1.5	0	0.1	0.5
Dominican Republic								
Ecuador	0	9.3	9.1	5.2	2.3	1.2	0.3	2.3
El Salvador	0.6	5.0	5.9	4.2	2.2	1.1	0.4	2.2
French Guiana	0	6.3	10.7	5.5	4.1	0.8	0.8	2.8
Grenada	0	0	0	1.5	0.3	0.3	0.3	0.4
Guadeloupe	0	5.6	5.8	10.2	4.3	1.2	0.3	2.0
Guatemala	0.2	2.3	2.4	1.5	0.7	0.3	0.1	0.7

Continued

Continued								
Table A1.3								
Country	Males							Total
	5-9	10-19	20-24	25-44	45-59	60-69	70+	
Guyana	1.0	14.5	16.4	12.4	3.6	2.0	0.7	4.7
Haiti								
Honduras								
Jamaica	1.6	0.6	0.8	1.0	0.2	0.2	0	0.3
Martinique	0	7.0	15.2	12.0	4.2	1.5	0.5	2.0
Mexico	0	6.5	7.3	4.0	1.2	0.5	0.2	1.3
Montserrat			0	0	0	0	0	0
Netherlands Antilles								
Nicaragua	0	11.0	15.8	7.2	2.3	0.8	0.2	2.8
Panama	0	5.7	8.8	5.8	2.3	1.3	0.3	1.9
Paraguay	0	6.8	7.5	4.2	1.3	0.7	0.3	1.6
Peru	0.3	2.2	2.5	1.2	0.5	0.2	0	0.4
Puerto Rico	0	4.7	5.4	6.3	3.1	1.0	0.4	1.6
Saint Kitts and Nevis	0	0	0	1.5	0	0	0	0.1
Saint Lucia	0	2.3	0	1.4	0.4	0	0.1	0.3
Saint Vincent and the Grenadines	0	7.7	9.6	4.5	0.9	0.4	0.1	0
Suriname	2.4	19.1	26.3	15.8	6.6	1.9	0.7	4.7
Trinidad and Tobago	0	5.7	7.9	7.8	2.4	0.8	0.3	1.9
Turks and Caicos Islands	0	0	20	0	0	0	0	0.6
United States	0.2	12.6	14.6	11.6	4.1	1.4	0.5	2.3
Uruguay	1.3	16.0	21.4	15.9	5.1	1.8	0.9	2.8
Venezuela	0.1	2.0	2.0	2.1	1.0	0.5	0.2	0.9
Virgin Islands (UK)		0	0	0	0	0	0	0
Virgin Islands (US)	0	5.1	4.3	5.4	2.9	0.8	0.4	1.8

Continued

Continued								
Table A1.3								
Country	Females							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Anguilla		0		0	0	0	0	0
Antigua and Barbuda	0	0	0	0	0	0	0	0
Argentina	0.2	10.6	9.4	3.5	1.1	0.4	0.1	0.5
Aruba		12.5	0	5.0	2.6	0.4	0	0.7
Bahamas	0	0	0	0	0.2	0	0	0
Barbados	0	0	0	0.4	0	0	0	0
Belize	0	7.4	1.5	0.5	0.2	0	0	0.1
Bermuda		0	0	0	0	0	0.2	0.1
Bolivia								
Brazil	0.1	4.1	4.3	2.2	0.7	0.2	0	0.5
Canada	0	18.0	17.5	9.8	3.1	0.7	0.1	0.8
Cayman Islands		0	0	0	0	0	0	0
Chile	0.2	18.7	19.0	8.2	1.9	0.4	0.1	0.9
Colombia	0.1	10.1	7.2	2.3	0.5	0.1	0	0.6
Costa Rica	0	9.6	8.7	3.6	0.8	0.2	0	0.6
Cuba	0	5.9	8.1	4.2	2.2	1.0	0.3	0.8
Dominica	0	0	0	0	0	0	0	0
Dominican Republic								
Ecuador	0	16.1	11.7	3.8	0.9	0.3	0.1	1.2
El Salvador	0	13.3	12.0	3.5	0.5	0.2	0.1	1.1
French Guiana	0	25.0	0	9.1	2.4	0	0	1.7
Grenada	0	0	0	1.9	0	0	0	0.1
Guadeloupe	16.7	0	0	7.1	3.6	0.6	0.1	0.8
Guatemala	0.1	3.8	2.5	1.0	0.1	0	0	0.3

Continued

Continued								
Table A1.3								
Country	Females							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Guyana	0	22.5	19.4	5.3	1.3	0.7	0.1	2.1
Haiti								
Honduras								
Jamaica	0	1.4	0	0.3	0.1	0	0	0.1
Martinique	0	4.0	0	4.6	2.3	0.6	0.1	0.4
Mexico	0	6.3	4.6	1.7	0.3	0.1	0	0.4
Montserrat				0	0	0	0	0
Netherlands Antilles								
Nicaragua	0	17.6	13.4	3.5	0.6	0.1	0	1.2
Panama	0	6.9	4.5	1.5	0.4	0.2	0	0.4
Paraguay	0.3	12.0	8.7	2.5	0.6	0.2	0	0.8
Peru	0.2	3.7	2.9	0.8	0.2	0.1	0	0.2
Puerto Rico	0	2.7	4.7	2.3	0.9	0.3	0	0.3
Saint Kitts and Nevis	0	0	0	2.0	0	0	0	0.1
Saint Lucia	0	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	0	0	0	1.5	0.5	0	0	0
Suriname	0	29.5	14.5	5.6	2.9	0.8	0.4	2.2
Trinidad and Tobago	0	10.1	5.6	2.5	0.9	0.2	0.1	0.6
Turks and Caicos Islands	0		0	0	0	0	0	0
United States	0.1	7.5	8.3	5.9	2.2	0.5	0.1	0.6
Uruguay	0	9.9	15.2	7.5	2.8	1.1	0.2	0.8
Venezuela	0.1	4.7	2.8	1.1	0.3	0.2	0	0.3
Virgin Islands (UK)				0	0	0	0	0
Virgin Islands (US)		0	0	2.2	2.5	0	0	0.5

**Table A1.4. Percentage contribution of suicide among external causes of death, by sex and age, in the countries of the Americas, 2005-2009.**

Country	Both sexes							Total
	5-9	10-19	20-24	25-44	45-59	60-69	70+	
Anguilla		0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	2.0	0	0	0	0.6
Argentina	0.7	21.2	21.1	18.4	17.2	15.9	10.2	16.0
Aruba	0	12.5	0	20.2	23.2	13.0	0	14.6
Bahamas	0	3.2	2.6	1.2	4.1	0	0	1.8
Barbados	0	0	0	4.7	3.0	4.2	1.7	3.0
Belize	0	10.1	4.5	4.5	5.8	0	2.5	4.6
Bermuda		0	0	4.7	9.1	0	5.0	4.2
Bolivia								
Brazil	0.3	4.4	5.4	7.5	10.2	9.8	4.9	6.8
Canada	0.3	27.6	29.8	36.2	37.5	27.6	6.7	24.5
Cayman Islands		0	0	8.6	0	0	0	3.8
Chile	1.3	32.2	31.9	30.4	26.6	19.4	10.0	24.4
Colombia	0.5	10.9	7.3	5.6	7.0	8.0	5.7	6.6
Costa Rica	1.4	16.5	18.3	18.1	17.7	11.2	2.7	14.1
Cuba	0	14.6	17.2	26.7	36.6	35.0	10.9	20.6
Dominica	0	0	0	8.3	16.7	0	5.0	7.1
Dominican Republic								
Ecuador	0.0	20.7	15.0	10.2	9.4	9.5	5.0	10.6
El Salvador	0.8	9.6	8.8	7.9	8.6	8.2	4.5	7.9
French Guiana	0	19.0	11.8	14.8	22.0	8.7	8.2	13.5
Grenada	0	0	0	6.2	2.3	5.3	7.3	4.1
Guadeloupe	11.1	6.8	6.6	25.0	30.1	16.7	4.4	16.7

Continued

Continued								
Table A1.4								
Country	Both sexes							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Guatemala	0.6	4.7	3.6	3.0	2.6	2.2	2.0	3.1
Guyana	1.5	32.3	29.0	30.8	20.8	26.2	13.8	25.7
Haiti								
Honduras								
Jamaica	2.9	1.5	0.9	1.8	1.9	3.5	1.5	1.7
Martinique	0	10.3	16.9	28.4	31.8	22.7	7.9	18.9
Mexico	0	12.1	11.1	9.3	7.5	6.0	3.7	8.0
Montserrat			0	0	0	0	0	0
Netherlands Antilles								
Nicaragua	0	25.0	24.6	17.5	13.8	10.2	4.0	16.7
Panama	0	10.6	12.4	11.5	12.0	15.0	6.1	10.5
Paraguay	0.4	15.2	11.4	8.7	8.2	9.4	5.6	9.3
Peru	0.7	7.0	6.1	3.4	2.7	2.0	0.8	2.9
Puerto Rico	0	6.1	6.7	12.2	24.1	18.9	10.4	13.0
Saint Kitts and Nevis	0	0	0	3.6	0	0	0	1.5
Saint Lucia	0	2.7	0	4.7	4.5	0	2.0	2.7
Saint Vincent and the Grenadines	0	11.5	10.6	12.6	8.5	5.6	2.6	9.5
Suriname	3.4	40.9	37.5	36.3	37.5	22.4	16.2	31.6
Trinidad and Tobago	0	11.6	10.8	15.1	16.6	15.7	9.0	13.5
Turks and Caicos Islands	0	0	16.7	0	0	0	0	1.9
United States	0.4	15.6	17.4	22.3	25.3	24.3	10.2	19.1
Uruguay	1.9	22.9	28.4	32.0	35.3	29.6	19.3	26.7
Venezuela	0.2	3.3	2.5	3.2	4.8	6.5	4.2	3.3
Virgin Islands (UK)			0	0	0	0	0	0
Virgin Islands (US)	0	5.3	5.0	8.5	17.2	11.5	10.0	9.7

Continued

Continued								
Table A1.4								
Country	Males							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Anguilla		0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	2.4	0	0	0	0.8
Argentina	0.9	20.4	20.7	18.1	16.5	16.9	16.0	17.2
Aruba	0	7.7	0	20.3	20.5	13.3	0	14.9
Bahamas	0	4.0	3.0	1.3	3.8	0	0	2.0
Barbados		0	0	4.9	3.6	5.6	2.9	3.4
Belize	0	8.1	4.7	4.8	6.0	0	3.7	4.7
Bermuda		0	0	4.9	9.5	0	0	4.0
Bolivia								
Brazil	0.4	3.5	4.8	6.8	9.4	10.2	7.5	6.5
Canada	0.5	26.4	29.9	36.9	38.7	29.9	11.2	28.9
Cayman Islands		0	0	10.0	0	0	0	4.7
Chile	1.8	29.8	30.6	29.1	25.8	20	15.9	25.3
Colombia	0.6	8.2	6.3	5.1	6.9	8.7	7.7	6.1
Costa Rica	1.9	14.0	17.9	18.0	18.3	12.1	4.5	15.2
Cuba	0	13.8	15.4	26.9	34.4	36.2	19.6	25.4
Dominica	0	0	0	10.0	18.8	0	7.7	8.6
Dominican Republic								
Ecuador	0	14.5	12.5	9.1	8.9	9.8	6.3	9.5
El Salvador	1.5	6.2	7.0	7.2	9.1	9.0	6.0	7.2
French Guiana	0	9.8	14.0	10.6	21.2	9.1	14.3	11.8
Grenada	0	0	0	4.3	2.4	7.7	12.0	4.3
Guadeloupe	0	8.3	7.2	22.3	25.9	17.1	6.5	16.6
Guatemala	0.8	3.3	3.1	2.7	2.8	2.4	2.7	2.7

Continued

Continued								
Table A1.4								
Country	Males							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Guyana	2.7	24.4	23.1	30.1	20.2	26.7	17.8	24.7
Haiti								
Honduras								
Jamaica	5.6	0.9	1.0	1.8	1.6	4.3	2.9	1.7
Martinique	0	11.1	18.2	26.0	29.6	21.1	12.2	20.6
Mexico	0	10.5	10.7	9.0	7.5	6.7	5.6	8.2
Montserrat			0	0	0	0	0	0
Netherlands Antilles								
Nicaragua	0	17.6	22.1	16.4	13.6	10.9	6.1	15.4
Panama	0	8.5	12.0	11.7	12.4	16.3	8.8	10.9
Paraguay	0	10.3	9.4	7.6	7.3	10.3	8.2	8.2
Peru	0.9	4.8	4.8	3.1	2.8	2.2	1.0	2.7
Puerto Rico	0	5.9	6.3	11.9	24.8	19.5	16.0	13.7
Saint Kitts and Nevis	0	0	0	2.7	0	0	0	1.1
Saint Lucia	0	3.0	0	4.8	5.6	0	3.2	3.3
Saint Vincent and the Grenadines	0	13.0	11.9	12.6	7.5	6.7	4.2	10.2
Suriname	6.3	31.2	35.1	36.9	38.7	23.6	15.7	31.8
Trinidad and Tobago	0	8.2	10.1	15.0	16.1	17.1	13.3	13.5
Turks and Caicos Islands	0	0	25.0	0	0	0	0	2.3
United States	0.5	16.7	18.1	23.3	27.0	27.8	16.9	22.0
Uruguay	2.9	23.0	27.4	31.6	34.3	29.7	28.1	29.1
Venezuela	0.2	2.3	2.2	3.0	4.7	6.5	6.0	3.1
Virgin Islands (UK)			0	0	0	0		0
Virgin Islands (US)	0	6.3	5.3	8.1	14.5	15.0	20.0	9.5

Continued

Continued								
Table A1.4								
Country	Females							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Anguilla					0	0		0
Antigua and Barbuda	0	0	0	0	0	0	0	0
Argentina	0.5	23.7	23.5	20.3	19.6	12.9	3.5	12.5
Aruba		33.3	0	20.0	33.3	12.5	0	13.8
Bahamas	0	0	0	0	5.6	0	0	1.0
Barbados	0	0	0	4.0	0	0	0	1.3
Belize	0	17.1	3.6	2.9	4.3	0	0	4.2
Bermuda		0	0	0	0	0	8.3	4.8
Bolivia								
Brazil	0.2	9.7	10.7	12.9	14.6	8.3	1.7	8.5
Canada	0	30.3	29.2	34.0	34.4	22.4	2.7	16.5
Cayman Islands		0	0	0	0		0	0
Chile	0.7	39.1	39.6	38.0	31.3	16.2	2.6	21.0
Colombia	0.3	22.8	16.0	9.9	8.2	4.9	1.3	9.5
Costa Rica	0	26.0	20.9	18.7	13.8	7.4	0.5	10.0
Cuba	0	17.2	24.1	25.8	45.2	32.0	4.0	12.3
Dominica			0	0	0	0	0	0
Dominican Republic								
Ecuador	0	37.2	30.7	18.3	12.5	8.0	2.4	15.7
El Salvador	0	22.8	23.0	13.7	6.1	4.8	1.6	11.9
French Guiana	0	41.2	0	37.1	25.0	0	0	19.7
Grenada	0	0	0	16.7	0	0	0	3.7
Guadeloupe	33.3	0	0	41.0	48.7	15.0	1.7	16.7
Guatemala	0.4	10.2	7.9	5.5	1.9	1.2	0.3	4.7

Continued

Continued								
Table A1.4								
Country	Females							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	Total
Guyana	0	48.3	47.0	34.2	23.7	25.0	7.0	29.4
Haiti								
Honduras								
Jamaica	0	4.0	0	2.5	3.0	0	0	1.6
Martinique	0	8.3	0	53.3	42.9	33.3	1.9	13.3
Mexico	0	17.5	14.2	11.2	7.5	3.1	0.7	7.2
Montserrat							0	0
Netherlands Antilles								
Nicaragua	0	46.5	40.2	26.4	15.0	6.3	0.5	22.3
Panama	0	21.1	15.7	10.4	8.8	8.6	1.0	8.4
Paraguay	1.3	30.4	24.8	17.4	13.7	6.1	2.0	14.3
Peru	0.6	11.1	10.4	4.8	2.4	1.5	0.4	3.5
Puerto Rico	0	7.4	11.5	14.9	20.3	16.7	2.6	9.7
Saint Kitts and Nevis		0	0	11.1	0	0	0	3.7
Saint Lucia	0	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	0	0	0	12.5	14.3	0	0	5.8
Suriname	0	53.5	50	33.9	33.3	19.5	17.1	31.2
Trinidad and Tobago	0	22.9	16.2	16.3	18.8	10.9	3.9	13.5
Turks and Caicos Islands			0	0	0	0	0	0
United States	0.3	12.4	14.1	19.1	21.1	16.5	3.1	12.7
Uruguay	0	22.6	34.2	33.8	39.0	29.6	9.1	20.6
Venezuela	0.3	10.1	6.4	5.0	5.0	6.8	1.2	4.7
Virgin Islands (UK)				0	0	0	0	0
Virgin Islands (US)		0	0	12.5	27.8	0	0	10.6

**Table A2.1. Male-female suicide ratio, by age group, in the countries of the Americas, 2005-2009.<sup>a</sup>**

Country	Both sexes							
	10-19	20-24	25-44	45-59	60-69	70+	Total / age	
							Unadjusted	Adjusted
Anguilla								
Antigua and Barbuda								
Argentina	2.6	4.8	4.4	3.4	4.7	8.5	4.1	4.0
Aruba	1.0		5.2	2.5	2.3		3.1	3.2
Bahamas				3.4			10.5	11.4
Barbados			5.9				10.6	9.4
Belize	1.8	6.9	9.5	8.2			4.7	5.7
Bermuda						0.0	4.3	6.8
Bolivia								
Brazil	2.0	4.3	4.2	3.9	5.0	7.2	3.9	4.0
Canada	2.0	3.5	3.4	3.0	3.3	5.1	3.2	3.1
Cayman Islands								
Chile	2.2	4.5	4.6	4.7	7.3	11.6	4.5	4.4
Colombia	1.5	3.4	5.1	6.6	9.2	18.2	3.9	4.2
Costa Rica	1.9	4.7	6.6	8.7	7.9	11.4	5.6	5.7
Cuba	2.4	2.4	4.6	3.0	2.9	4.8	3.5	3.3
Dominica								
Dominican Republic								
Ecuador	1.0	2.6	3.5	4.3	5.7	6.0	2.5	2.7
El Salvador	1.0	2.5	5.2	10.4	10.5	9.4	3.4	4.1
French Guiana	0.6		1.6	3.2			2.1	2.4
Grenada			1.4				4.0	3.9
Guadeloupe			3.9	2.7	4.6	7.2	3.4	3.7
Guatemala	1.1	1.7	1.8	1.7	2.0	2.4	1.6	1.7

Continued

Continued								
Table A2.1.								
Country	Both sexes						Total / age	
	10-19	20-24	25-44	45-59	60-69	70+	Unadjusted	Adjusted
Guyana	1.0	1.6	4.1	4.4	4.8	6.7	2.9	3.2
Haiti								
Honduras								
Jamaica	1.0		5.8	2.5			5.6	5.6
Martinique	2.9		6.1	4.2	4.6	13.5	5.7	6.0
Mexico	2.0	4.7	5.9	5.7	8.7	15.9	4.7	4.9
Montserrat								
Netherlands Antilles								
Nicaragua	1.1	3.4	5.3	6.7	10.7	22.4	3.2	3.8
Panama	1.8	5.9	8.9	9.3	9.4	19.0	6.4	6.5
Paraguay	1.0	2.6	3.4	3.2	5.7	6.5	2.4	2.6
Peru	0.8	1.5	2.5	4.0	4.2	4.4	1.9	2.0
Puerto Rico	5.9	6.4	8.2	8.2	5.9	12.3	7.6	7.6
Saint Kitts and Nevis			1.9				2.0	2.0
Saint Lucia								
Saint Vincent and the Grenadines			6.6	2.9			8.8	8.4
Suriname	0.7	3.5	4.9	4.4	3.6	2.4	3.2	3.2
Trinidad and Tobago	1.2	5.0	7.0	4.9	7.2	7.3	4.9	4.9
Turks and Caicos Islands								
United States	3.7	5.2	3.6	3.2	4.2	8.5	3.9	3.8
Uruguay	3.8	4.3	4.1	3.4	3.7	6.0	3.9	3.9
Venezuela	1.6	4.7	6.1	5.8	4.3	10.7	4.4	4.5
Virgin Islands (UK)								
Virgin Islands (US)			7.2	2.3			5.2	6.0

<sup>a</sup>Standard used: world population 2005–2009.

**Table A3.1. Suicide rates per 100,000 population, by age group, in the countries of the Americas, 2005–2009.**

Country	Both sexes						
	5–9	10–19	20–24	25–44	45–59	60–69	70+
Anguilla	0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	0	1.50	0	0
Argentina	0.07	6.38	13.00	8.81	9.02	10.38	13.39
Aruba	0	2.68	0	10.61	11.09	7.42	0
Bahamas	0	1.11	2.28	0.97	2.40	0	0
Barbados	0	0	0	2.20	0.92	1.43	1.38
Belize	0	4.62	5.51	5.35	6.52	0	5.05
Bermuda	0	0	0	2.77	3.22	0	4.09
Bolivia							
Brazil	0.03	2.12	6.00	6.50	7.04	7.19	7.23
Canada	0.01	5.20	12.31	13.68	16.66	11.52	10.74
Cayman Islands	0	0	0	5.24	0	0	0
Chile	0.95	6.26	16.22	15.83	15.66	14.71	14.47
Colombia	0.07	4.74	9.41	6.18	5.31	6.37	8.42
Costa Rica	0.81	3.47	10.59	10.04	10.86	8.87	5.83
Cuba	0.63	2.10	5.30	10.54	17.74	23.63	38.61
Dominica	0	0	0	1.93	5.73	0	3.79
Dominican Republic							
Ecuador	0	7.49	13.62	8.58	7.39	8.42	8.20
El Salvador	0.08	5.83	14.20	12.58	9.74	8.99	8.18
French Guiana	0	6.45	9.02	13.75	15.16	5.78	20.71
Grenada	0	0	0	3.72	1.58	4.55	11.32
Guadeloupe	0.57	1.12	3.74	10.55	14.71	8.52	6.43
Guatemala	0.07	2.74	5.96	5.20	3.83	3.59	4.27

Continued

Continued	Table A3.1.						
Country	Both sexes						
	5-9	10-19	20-24	25-44	45-59	60-69	70+
Guyana	0.20	14.61	31.79	39.36	33.42	44.07	34.69
Haiti							
Honduras							
Jamaica	0.17	0.38	0.92	1.68	1.04	1.86	1.38
Martinique	0	1.67	9.68	11.21	12.65	10.67	12.60
Mexico	0	3.48	7.25	5.90	4.81	4.73	5.81
Montserrat							
Netherlands Antilles							
Nicaragua	0	6.19	15.43	9.75	7.62	6.01	4.88
Panama	0	3.48	9.92	7.22	6.31	9.58	8.01
Paraguay	0.03	4.23	7.44	5.08	4.61	5.86	6.94
Peru	0.07	1.09	1.91	1.17	1.21	1.18	0.98
Puerto Rico	0	1.69	7.19	9.59	12.79	10.37	12.25
Saint Kitts and Nevis	0	0	0	3.94	0	0	0
Saint Lucia	0	0.97	0	2.01	1.54	0	4.17
Saint Vincent and the Grenadines	0	2.81	9.89	9.88	5.19	3.91	3.89
Suriname	0.38	14.47	33.78	31.66	36.25	25.76	32.65
Trinidad and Tobago	0	5.27	12.67	16.51	15.18	13.41	16.18
Turks and Caicos Islands	0	0	13.38	0	0	0	0
United States	0.02	4.32	12.36	14.15	17.36	13.62	15.18
Uruguay	0.13	6.50	18.52	17.77	22.02	23.08	33.27
Venezuela	0.03	2.47	5.26	4.44	4.00	4.72	6.63
Virgin Islands (UK)	0	0	0	0	0	0	0
Virgin Islands (US)	0	2.31	7.99	10.77	12.95	4.91	7.36

Continued

Continued	Table A3.1.						
Country	Males						
	5-9	10-19	20-24	25-44	45-59	60-69	70+
Anguilla	0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	0	3.26	0	0
Argentina	0.09	9.17	21.34	14.35	14.23	18.06	29.47
Aruba	0	2.67	0	18.40	16.29	10.70	0
Bahamas	0	2.20	4.56	1.97	3.81	0	0
Barbados	0	0	0	3.75	1.90	3.27	3.99
Belize	0	5.96	9.55	9.69	11.70	0	10.91
Bermuda	0	0	0	5.52	6.71	0	0
Bolivia							
Brazil	0.05	2.81	9.66	10.62	11.48	12.60	14.23
Canada	0.02	6.85	18.97	21.05	25.11	17.93	20.12
Cayman Islands	0	0	0	10.74	0	0	0
Chile	0.12	9.06	26.27	25.95	26.11	27.15	31.79
Colombia	0.11	5.70	14.48	10.51	9.60	12.33	18.50
Costa Rica	0.20	4.92	17.16	17.19	19.27	16.06	11.52
Cuba	0	3.33	7.38	17.10	26.55	35.49	67.97
Dominica	0	0	0	3.84	10.71	0	9.09
Dominican Republic							
Ecuador	0	7.54	19.49	13.33	12.09	14.64	15.02
El Salvador	0.17	5.86	20.56	22.75	19.79	18.09	16.98
French Guiana	0	4.66	18.16	17.21	22.63	10.95	46.90
Grenada	0	0	0	4.34	3.20	10.12	29.29
Guadeloupe	0	2.19	7.33	17.91	22.10	14.69	13.08
Guatemala	0.10	2.81	6.74	5.91	4.79	3.11	5.18

Continued

Continued		Table A3.1.						
Country	Males							
	5-9	10-19	20-24	25-44	45-59	60-69	70+	
Guyana	0.39	14.34	38.77	63.35	54.52	78.80	71.64	
Haiti								
Honduras								
Jamaica	0.33	0.37	1.91	2.92	1.49	3.75	3.29	
Martinique	0	2.49	19.17	20.81	21.55	18.41	28.31	
Mexico	0	4.66	12.14	10.23	8.34	8.65	12.40	
Montserrat								
Netherlands Antilles								
Nicaragua	0	6.41	23.91	16.73	13.63	11.29	10.38	
Panama	0	4.48	16.78	12.91	11.45	17.45	16.19	
Paraguay	0	4.28	10.71	7.81	6.95	9.98	12.77	
Peru	0.09	0.97	2.28	1.67	1.95	1.95	1.70	
Puerto Rico	0	2.85	12.43	17.60	24.42	18.91	26.33	
Saint Kitts and Nevis	0	0	0	5.16	0	0	0	
Saint Lucia	0	1.95	0	4.14	3.12	0	9.38	
Saint Vincent and the Grenadines	0	5.58	19.64	16.76	7.59	7.89	9.01	
Suriname	0.75	12.38	51.85	51.75	59.53	42.07	49.70	
Trinidad and Tobago	0	5.64	20.99	29.26	26.20	25.81	36.63	
Turks and Caicos Islands	0	0	26.54	0	0	0	0	
United States	0.03	6.69	20.35	22.04	26.72	22.77	32.04	
Uruguay	0.26	10.15	29.76	28.69	34.97	38.60	69.29	
Venezuela	0.03	2.99	8.62	7.60	6.86	7.81	13.29	
Virgin Islands (UK)	0	0	0	0	0	0	0	
Virgin Islands (US)	0	4.67	16.80	20.26	18.42	10.14	17.56	

Continued

Continued							
Table A3.1.							
Country	Females						
	5-9	10-19	20-24	25-44	45-59	60-69	70+
Anguilla	0	0	0	0	0	0	0
Antigua and Barbuda	0	0	0	0	0	0	0
Argentina	0.04	3.51	4.44	3.27	4.17	3.84	3.45
Aruba	0	2.69	0	3.57	6.46	4.60	0
Bahamas	0	0	0	0	1.14	0	0
Barbados	0	0	0	0.63	0	0	0
Belize	0	3.37	1.39	1.02	1.43	0	0
Bermuda	0	0	0	0	0	0	6.74
Bolivia							
Brazil	0.01	1.41	2.27	2.51	2.97	2.52	1.97
Canada	0	3.47	5.40	6.19	8.31	5.44	3.94
Cayman Islands	0	0	0	0	0	0	0
Chile	0.03	4.15	5.89	5.68	5.58	3.74	2.73
Colombia	0.04	3.75	4.27	2.06	1.46	1.33	1.02
Costa Rica	0	2.61	3.64	2.61	2.20	2.05	1.01
Cuba	0	1.37	3.11	3.76	8.93	12.17	14.23
Dominica	0	0	0	0	0	0	0
Dominican Republic							
Ecuador	0	7.45	7.61	3.84	2.81	2.58	2.49
El Salvador	0	5.79	8.14	4.38	1.91	1.73	1.80
French Guiana	0	8.28	0	10.50	7.03	0	0
Grenada	0	0	0	3.06	0	0	0
Guadeloupe	1.16	0	0	4.56	8.29	3.18	1.82
Guatemala	0.04	2.49	4.02	3.25	2.86	1.53	2.16
Guyana	0	14.90	24.99	15.35	12.29	16.39	10.72

Continued

Continued							
Table A3.1.							
Country	Females						
	5-9	10-19	20-24	25-44	45-59	60-69	70+
Haiti							
Honduras							
Jamaica	0	0.38	0	0.50	0.59	0	0
Martinique	0	0.85	0	3.39	5.12	3.98	2.10
Mexico	0	2.29	2.56	1.75	1.46	1.00	0.78
Montserrat							
Netherlands Antilles							
Nicaragua	0	5.96	7.02	3.16	2.04	1.06	0.46
Panama	0	2.43	2.82	1.45	1.23	1.85	0.85
Paraguay	0.06	4.17	4.08	2.32	2.19	1.74	1.97
Peru	0.04	1.22	1.54	0.67	0.48	0.47	0.39
Puerto Rico	0	0.48	1.94	2.14	2.99	3.18	2.14
Saint Kitts and Nevis	0	0	0	2.67	0	0	0
Saint Lucia	0	0	0	0	0	0	0
Saint Vincent and the Grenadines	0	0	0	2.55	2.66	0	0
Suriname	0	16.62	15.01	10.52	13.46	11.65	20.40
Trinidad and Tobago	0	4.89	4.20	4.20	5.39	3.60	5.01
Turks and Caicos Islands	0	0	0	0	0	0	0
United States	0.01	1.83	3.88	6.09	8.37	5.40	3.76
Uruguay	0	2.70	6.96	7.03	10.15	10.42	11.60
Venezuela	0.03	1.92	1.82	1.26	1.18	1.81	1.25
Virgin Islands (UK)	0	0	0	0	0	0	0
Virgin Islands (US)	0	0	0	2.83	8.13	0	0

**Table A4.1. Suicide methods used, percentage of total, both sexes, in the countries of the Americas, 2005–2009.**

Country	Both sexes							
	S	P	F	FA	FF	D	C	O
Anguilla								
Antigua and Barbuda	0	100	0	0	0	0	0	0
Argentina	64.1	3.0	1.2	24.5	0.8	1.0	1.0	4.4
Aruba	60.0	28.6	0	2.9	0	2.9	0	5.7
Bahamas	90.9	0	0	0	0	0	0	9.1
Barbados	0	100	0	0	0	0	0	0
Belize	51.8	41.1	1.8	5.4	0	0	0	0
Bermuda	60.0	40.0	0	0	0	0	0	0
Bolivia								
Brazil	58.3	15.8	3.6	12.8	2.0	1.2	2.5	3.7
Canada	44.7	25.1	5.3	15.0	0.7	2.8	2.7	3.7
Cayman Islands	33.3	33.3	0	0	0	33.3	0	0
Chile	81.4	6.3	1.4	7.2	0.5	0.7	0.9	1.6
Colombia	40.4	27.3	3.4	24.6	0.3	1.2	1.8	1.1
Costa Rica	48.8	30.6	1.5	17.1	0.3	0.4	1.1	0.3
Cuba	71.6	10.0	2.9	2.4	9.2	0.9	2.1	1.0
Dominica	0	100	0	0	0	0	0	0
Dominican Republic								
Ecuador	48.8	41.1	0.2	7.2	0.1	0.1	0.4	2.0
El Salvador	15.3	81.6	0.3	1.9	0	0.2	0.6	0.1
French Guiana	51.4	16.2	0	25.7	1.4	0	2.7	2.7
Grenada	0	80.0	0	0	10.0	0	0	10.0
Guadeloupe	63.5	20.4	4.2	5.4	1.2	0.6	0.6	4.2
Guatemala	33.8	43.0	0.1	13.2	0.3	3.0	1.7	5.0
Guyana	27.3	68.1	0	1.1	1.8	0.5	0.1	1.0

Continued

Continued									
Table A4.1.									
Country	Both sexes								
	S	P	F	FA	FF	D	C	O	
Haiti									
Honduras									
Jamaica	74.5	7.8	0	13.7	0	2.0	0	2.0	
Martinique	58.7	11.6	8.7	9.4	4.3	4.3	0	2.9	
Mexico	74.6	8.6	0.6	12.9	0.2	0.4	1.2	1.5	
Montserrat									
Netherlands Antilles									
Nicaragua	30.2	62.4	0	5.3	0.1	0.5	0.4	1.2	
Panama	68.1	21.3	1.1	7.3	0.4	0.7	0.8	0.2	
Paraguay	49.7	18.6	1.2	24.3	0.3	2.4	2.1	1.4	
Peru	18.0	72.2	0.1	3.4	0	0.4	0.9	5.0	
Puerto Rico	70.1	11.5	1.6	12.0	2.0	0.8	0.6	1.5	
Saint Kitts and Nevis	100	0	0	0	0	0	0	0	
Saint Lucia	50.0	50.0	0	0	0	0	0	0	
Saint Vincent and the Grenadines	3.3	86.7	0	6.7	0	3.3	0	0	
Suriname	23.8	67.1	1.5	3.8	0	1.4	0.2	2.2	
Trinidad and Tobago	32.6	63.9	0.5	1.5	0.7	0.2	0.3	0.3	
Turks and Caicos Islands	100	0	0	0	0	0	0	0	
United States	23.4	17.9	2.0	51.0	0.5	1.1	1.8	2.3	
Uruguay	55.7	4.5	2.7	29.4	0.6	4.6	0.9	1.7	
Venezuela	62.0	21.2	1.8	12.6	0.4	0.5	0.9	0.5	
Virgin Islands (UK)									
Virgin Islands (US)	45.0	12.5	0	27.5	2.5	0	10.0	2.5	

Continued

S = Suffocation	P = Poisoning	F = Fall	FA = Firearms
FF = Fire / Flame	D = Drowning	C = Cut / Pierce	O = Other

Continued	Table A4.1.							
Country	Males							
	S	P	F	FA	FF	D	C	O
Anguilla								
Antigua and Barbuda	0	100	0	0	0	0	0	0
Argentina	65.2	2.0	0.8	26.2	0.6	0.8	0.9	3.4
Aruba	69.2	23.1	0	3.8	0	0	0	3.8
Bahamas	90.0	0	0	0	0	0	0	10.0
Barbados	0	100	0	0	0	0	0	0
Belize	54.3	37.0	2.2	6.5	0	0	0	0
Bermuda	75.0	25.0	0	0	0	0	0	0
Bolivia								
Brazil	62.1	12.3	2.9	14.4	1.1	1.1	2.6	3.4
Canada	47.1	19.5	4.8	19	0.7	2.3	3	3.7
Cayman Islands	33.3	33.3	0	0	0	33.3	0	0
Chile	83.2	4.6	1.0	8.0	0.5	0.6	0.9	1.4
Colombia	42.9	21.1	3.2	28.7	0.2	1.1	2.0	0.9
Costa Rica	49.8	28.4	1.6	18.3	0.2	0.4	1.0	0.2
Cuba	81.9	6.4	2.6	2.9	2.3	0.7	2.1	1.1
Dominica	0	100	0	0	0	0	0	0
Dominican Republic								
Ecuador	53.9	34.0	0.2	9.2	0.1	0.2	0.5	2.0
El Salvador	18.1	78.4	0.4	2.1	0	0.2	0.7	0.2
French Guiana	48.0	12.0	0	32.0	2.0	0	2.0	4.0
Grenada	0	75.0	0	0	12.5	0	0	12.5
Guadeloupe	71.4	15.1	4.0	5.6	0.8	0	0.8	2.4
Guatemala	38.4	34.4	0.1	16.0	0.4	3.3	1.7	5.6
Guyana	32.7	63.9	0	1.5	0.5	0.3	0.2	0.9

Continued

Continued	Table A4.1.							
Country	Males							
	S	P	F	FA	FF	D	C	O
Haiti								
Honduras								
Jamaica	72.1	7.0	0	16.3	0	2.3	0	2.3
Martinique	65.2	7.8	4.3	11.3	3.5	4.3	0	3.5
Mexico	76.3	5.8	0.5	14.2	0.2	0.4	1.3	1.3
Montserrat								
Netherlands Antilles								
Nicaragua	35.4	55.8	0	6.2	0.1	0.7	0.5	1.4
Panama	69.6	19.3	1.2	7.8	0.4	0.8	0.8	0.3
Paraguay	53.4	12.4	0.7	26.7	0.3	2.8	2.4	1.3
Peru	22.0	66.5	0.1	5.0	0	0.3	0.9	5.2
Puerto Rico	72.3	9.2	1.4	12.9	1.5	0.8	0.5	1.3
Saint Kitts and Nevis	100	0	0	0	0	0	0	0
Saint Lucia	50.0	50.0	0	0	0	0	0	0
Saint Vincent and the Grenadines	3.7	85.2	0	7.4	0	3.7	0	0
Suriname	26.2	63.9	1.1	5.0	0	1.6	0	2.3
Trinidad and Tobago	35.5	60.9	0.6	1.6	0.6	0.2	0.4	0.2
Turks and Caicos Islands	100	0	0	0	0	0	0	0
United States	24.1	12.2	1.9	56.4	0.4	0.9	1.9	2.1
Uruguay	59.6	2.6	1.7	31.4	0.5	2.5	0.6	1.0
Venezuela	64.5	17.5	1.8	14.0	0.4	0.5	1.0	0.4
Virgin Islands (UK)								
Virgin Islands (US)	45.5	6.1	0	33.3	3.0	0	9.1	3.0

Continued

S = Suffocation	P = Poisoning	F = Fall	FA = Firearms
FF = Fire / Flame	D = Drowning	C = Cut / Pierce	O = Other

Continued	Table A4.1.							
Country	Females							
	S	P	F	FA	FF	D	C	O
Anguilla								
Antigua and Barbuda								
Argentina	59.5	6.6	2.9	17.8	1.7	2.2	1.1	8.3
Aruba	33.3	44.4	0	0	0	11.1	0	11.1
Bahamas	100	0	0	0	0	0	0	0
Barbados	0	100	0	0	0	0	0	0
Belize	40.0	60.0	0	0	0	0	0	0
Bermuda	0	100	0	0	0	0	0	0
Bolivia								
Brazil	43.6	29.2	6.1	6.8	5.3	1.7	2.2	5.0
Canada	37.1	42.8	6.9	2.4	0.8	4.3	1.9	3.8
Cayman Islands								
Chile	73.7	14.1	3.1	3.6	0.7	1.4	0.9	2.6
Colombia	31.1	50.9	4.2	9.2	0.6	1.5	1.0	1.7
Costa Rica	43.0	43.0	0.9	10.0	0.9	0.4	1.3	0.4
Cuba	35.3	22.7	4.0	0.5	33.6	1.7	1.8	0.5
Dominica								
Dominican Republic								
Ecuador	35.7	59.4	0.2	2.3	0.2	0.1	0.3	2.0
El Salvador	6.8	91.5	0	1.2	0	0.2	0.3	0
French Guiana	58.3	25.0	0	12.5	0	0	4.2	0
Grenada	0	100	0	0	0	0	0	0
Guadeloupe	39.0	36.6	4.9	4.9	2.4	2.4	0	9.8
Guatemala	19.9	68.8	0	4.7	0	1.9	1.7	3.0
Guyana	11.6	80.4	0	0	5.8	0.9	0	1.3

Continued

Continued	Table A4.1.							
Country	Females							
	S	P	F	FA	FF	D	C	O
Haiti								
Honduras								
Jamaica	87.5	12.5	0	0	0	0	0	0
Martinique	26.1	30.4	30.4	0	8.7	4.3	0	0
Mexico	67.1	21.5	1.0	7.0	0.1	0.5	0.7	2.0
Montserrat								
Netherlands Antilles								
Nicaragua	13.8	83.1	0	2.4	0	0	0	0.7
Panama	58.5	34.7	0.8	4.2	0.8	0	0.8	0
Paraguay	40.6	34.0	2.3	18.6	0.3	1.4	1.1	1.7
Peru	10.4	83.1	0.2	0.4	0	0.4	0.8	4.6
Puerto Rico	54.1	27.1	2.8	6.1	5.5	1.1	1.1	2.2
Saint Kitts and Nevis	100	0	0	0	0	0	0	0
Saint Lucia								
Saint Vincent and the Grenadines	0	100	0	0	0	0	0	0
Suriname	15.9	77.5	2.9	0	0	0.7	0.7	2.2
Trinidad and Tobago	19.4	77.8	0	0.9	0.9	0	0	0.9
Turks and Caicos Islands								
United States	20.6	39.4	2.6	30.6	0.7	1.9	1.5	2.6
Uruguay	41.4	11.1	6.3	22.3	0.9	12.3	1.7	4.0
Venezuela	51.3	37.9	2.1	6.3	0.5	0.4	0.5	1.1
Virgin Islands (UK)								
Virgin Islands (US)	42.9	42.9	0	0	0	0	14.3	0

S = Suffocation	P = Poisoning	F = Fall	F A= Firearms
FF = Fire / Flame	D = Drowning	C = Cut / Pierce	O = Other

**Table A5.1. Age-unadjusted suicide rates per 100,000 population, by five-year groups, in the countries of the Americas, 1990-2009.**

Country	1990-1994			1995-1999			2000-2004			2005-2009		
	T	M	F	T	M	F	T	M	F	T	M	F
Anguilla	0	0	0	0	0	0	8.26	16.65	0	0	0	0
Antigua and Barbuda	0.61	1.28	0	0	0	0	2.25	4.03	0.62	0.24	0.50	0
Argentina	6.52	9.91	3.09	6.35	9.86	2.84	8.25	13.30	3.41	7.71	12.56	3.07
Aruba	0	0	0	10.05	21.06	0	6.74	11.37	2.44	6.73	10.43	3.33
Bahamas	1.93	3.56	0.38	1.17	2.26	0.14	2.00	3.43	0.65	1.11	2.07	0.20
Barbados	5.82	9.75	2.19	6.35	9.30	3.61	1.99	3.56	0.51	1.08	2.03	0.19
Belize	1.75	2.95	0.51	4.63	8.77	0.35	6.55	10.65	2.55	3.82	6.36	1.35
Bermuda	6.58	13.00	0.60	7.29	10.89	3.92	3.67	5.42	2.03	1.88	3.10	0.73
Bolivia							0.16	0.22	0.10			
Brazil	3.52	5.47	1.59	4.02	6.44	1.64	4.24	6.79	1.75	4.84	7.50	1.91
Canada	12.74	20.38	5.24	12.79	20.41	5.30	11.71	18.27	5.27	11.19	17.18	5.30
Cayman Islands	2.06	2.83	1.34	1.74	3.55	0	0	0	0	1.59	3.25	0
Chile	5.63	9.77	1.63	6.62	11.66	1.75	10.25	17.64	3.01	11.68	19.27	4.26
Colombia	3.08	4.89	1.31	4.15	6.46	1.89	5.67	8.79	2.63	4.92	7.92	2.02
Costa Rica	3.97	6.66	1.23	5.86	10.15	1.49	6.72	11.33	1.93	7.06	11.86	2.10
Cuba	21.57	25.88	17.24	18.97	25.70	12.23	14.55	21.16	7.87	12.31	19.05	5.48
Dominica	0	0	0	3.12	5.08	1.14	3.64	5.01	2.25	1.66	3.29	0
Dominican Republic	1.66	2.60	0.69	1.81	2.94	0.64	1.68	2.79	0.55			
Ecuador	4.81	6.23	3.42	4.89	6.68	3.13	4.96	6.80	3.11	6.85	9.82	3.86
El Salvador	8.91	12.02	5.96	9.81	13.58	6.24	8.03	11.98	4.38	7.74	12.28	3.61
French Guiana							9.27	15.55	2.77	8.65	11.67	5.62
Grenada	2.44	4.94	0	1.02	1.02	1.01	2.45	4.92	0	1.94	3.11	0.77
Guadeloupe							8.05	13.60	2.99	7.39	11.80	3.44
Guatemala	1.69	2.74	0.63	1.87	2.94	0.81	1.94	3.00	0.92	2.84	3.44	2.09
Guyana	8.88	13.02	4.72	10.44	16.62	4.26	25.59	39.57	11.53	23.44	34.69	12.07

Continued

Continued												
Table A5.1.												
Country	1990-1994			1995-1999			2000-2004			2005-2009		
	T	M	F	T	M	F	T	M	F	T	M	F
Haiti				0.04	0.03	0.05	0.06	0.11	0.02			
Honduras	3.70	6.01	1.40									
Jamaica	0.08	0.16	0				0.11	0.14	0.03	0.95	1.63	0.29
Martinique							8.71	15.16	2.99	8.60	15.37	2.69
Mexico	2.60	4.49	0.76	3.31	5.66	1.03	3.74	6.28	1.25	4.15	6.90	1.47
Montserrat	0	0	0									
Netherlands Antilles	5.23	6.92	3.71	4.50	8.18	1.21	2.77	5.86	0			
Nicaragua	1.94	2.75	1.12	6.05	8.15	3.98	7.18	10.30	4.09	6.67	10.20	3.20
Panama				4.96	8.38	1.44	5.51	9.29	1.67	5.32	9.16	1.42
Paraguay	2.17	2.73	1.60	2.52	3.41	1.63	3.21	4.29	2.10	3.96	5.58	2.31
Peru	0.76	0.92	0.59	1.29	1.57	1.00	0.87	1.19	0.54	0.98	1.29	0.68
Puerto Rico	10	18.64	1.98	8.27	15.47	1.59	7.25	13.50	1.46	7.68	13.98	1.85
Saint Kitts and Nevis	0	0	0	4.53	6.41	2.69	2.15	4.33	0	1.23	1.65	0.82
Saint Lucia	4.90	9.13	0.85	5.62	9.83	1.57	6.36	9.67	3.18	1.19	2.44	0
Saint Vincent and the Grenadines	4.52	9.03	0	6.27	12.11	0.37	5.18	9.54	0.75	5.51	9.81	1.11
Suriname	10.78	14.99	6.38	8.53	12.20	4.65	14.08	20.58	7.47	22.79	34.64	10.86
Trinidad and Tobago	12.91	20.70	5.07	12.70	20.02	5.28	12.51	19.76	5.63	11.47	19.42	3.97
Turks and Caicos Islands	1.56	0	3.17	3.18	6.26	0	5.09	9.83	0	0.92	1.78	0
United States	12.21	20.11	4.68	11.18	18.39	4.26	10.77	17.53	4.23	11.45	18.36	4.74
Uruguay	4.33	6.78	1.86	14.10	23.00	5.73	15.97	26.26	6.32	16.04	26.01	6.74
Venezuela	5.03	8.29	1.73	4.95	8.20	1.69	4.85	7.98	1.67	3.24	5.26	1.20
Virgin Islands (UK)	0	0	0	3.26	6.53	0	4.69	4.58	4.81	0	0	0
Virgin Islands (US)				4.58	9.66	0	4.77	6.15	4.20	7.29	12.69	2.43

T = Totals      M = Males      F = Females

**Table A6.1. Percentage of undetermined causes of death among external causes, in the countries of the Americas, 2005–2009.**

Country	T	M	F	Country	T	M	F
Anguilla	3.3	3.6	0	Guyana	10.4	10.3	10.8
Antigua and Barbuda	23.5	24.6	20.0	Haiti			
Argentina	12.4	13.3	9.7	Honduras			
Aruba	5.9	5.2	7.7	Jamaica	4.4	3.9	7.1
Bahamas	8.2	8.8	5.2	Martinique	1.2	1.4	0.6
Barbados	10.8	9.9	13.9	Mexico	4.6	4.8	3.9
Belize	23.7	26.1	13.6	Montserrat	7.7	8.3	0
Bermuda	0.8	1.0	0	Netherlands Antilles			
Bolivia				Nicaragua	3.8	4.0	3.0
Brazil	8.8	8.1	12.1	Panama	4.7	4.7	4.8
Canada	4.4	4.4	4.5	Paraguay	2.9	2.9	3.3
Cayman Islands	3.8	4.7	0	Peru	12.4	12.4	12.6
Chile	0	0	0	Puerto Rico	0.3	0.4	0.2
Colombia	5.9	5.4	8.9	Saint Kitts and Nevis	27.4	27.0	29.6
Costa Rica	3.9	4.0	3.4	Saint Lucia	9.5	10.4	5.1
Cuba	3.6	4.1	2.7	Saint Vincent and the Grenadines	8.5	7.9	11.5
Dominica	8.1	9.9	0	Suriname	13.6	14.0	12.2
Dominican Republic				Trinidad and Tobago	5.8	5.5	6.9
Ecuador	3.8	3.6	4.6	Turks and Caicos Islands	14.8	11.6	27.3
El Salvador	0	0	0	United States	2.8	2.5	3.4
French Guiana	6.6	8.2	0.8	Uruguay	0.5	0.5	0.6
Grenada	16.6	17.1	14.8	Venezuela	25.4	26.5	17.8
Guadeloupe	3.7	4.4	1.6	Virgin Islands (UK)	13.8	13.6	14.3
Guatemala	31.4	30.9	34.2	Virgin Islands (US)	0	0	0
T = Totals		M = Males	F = Females				

**Table A6.2. Suicides per 100,000 population corrected to include undetermined causes of death, age-unadjusted and age-adjusted, both sexes, in the countries of the Americas, 2005-2009.**

Country	Unadjusted rates			Adjusted rates		
	Both sexes	Males	Females	Both sexes	Males	Females
Anguilla	0	0	0	0	0	0
Antigua and Barbuda	0.24	0.50	0	0.24	0.50	0
Argentina	7.71	12.56	3.07	8.72	14.26	3.42
Aruba	6.73	10.43	3.33	6.92	10.83	3.33
Bahamas	1.11	2.07	0.20	1.11	2.28	0.40
Barbados	1.08	2.03	0.19	1.08	2.03	0.19
Belize	3.82	6.36	1.35	4.43	7.47	1.35
Bermuda	1.88	3.10	0.73	1.88	3.10	0.73
Bolivia						
Brazil	4.84	7.50	1.91	5.26	8.15	2.09
Canada	11.19	17.18	5.30	11.88	18.11	5.74
Cayman Islands	1.59	3.25	0	1.59	3.25	0
Chile	11.68	19.27	4.26	11.68	19.27	4.26
Colombia	4.92	7.92	2.02	5.20	8.36	2.15
Costa Rica	7.06	11.86	2.10	7.33	12.33	2.14
Cuba	12.31	19.05	5.48	12.81	19.87	5.69
Dominica	1.66	3.29	0	2.21	4.39	0
Dominican Republic						
Ecuador	6.85	9.82	3.86	7.09	10.14	4.05
El Salvador	7.74	12.28	3.61	7.76	12.31	3.62
French Guiana	8.65	11.67	5.62	9.00	12.13	5.62
Grenada	1.94	3.11	0.77	2.33	3.49	1.16
Guadeloupe	7.39	11.80	3.44	7.61	11.99	3.52
Guatemala	2.84	3.44	2.09	3.95	4.78	1.80
Guyana	23.44	34.69	12.07	25.79	38.14	13.09

Continued

Continued

Table A6.2.

Country	Unadjusted rates			Adjusted rates		
	Both sexes	Males	Females	Both sexes	Males	Females
Haiti						
Honduras						
Jamaica	0.95	1.63	0.29	0.95	1.63	0.29
Martinique	8.60	15.37	2.69	8.73	15.50	2.69
Mexico	4.15	6.90	1.47	4.34	7.23	1.53
Montserrat						
Netherlands Antilles						
Nicaragua	6.67	10.20	3.20	6.91	10.59	3.29
Panama	5.32	9.16	1.42	5.56	9.56	1.47
Paraguay	3.96	5.58	2.31	4.16	5.84	2.41
Peru	0.98	1.29	0.68	1.12	1.46	0.79
Puerto Rico	7.68	13.98	1.85	7.69	13.99	1.85
Saint Kitts and Nevis	1.23	1.65	0.82	1.64	2.47	0.82
Saint Lucia	1.19	2.44	0	1.19	2.44	0
Saint Vincent and the Grenadines	5.51	9.81	1.11	5.69	10.18	1.11
Suriname	22.79	34.64	10.86	25.30	38.71	11.73
Trinidad and Tobago	11.47	19.42	3.97	12.07	20.47	4.04
Turks and Caicos Islands	0.92	1.78	0	0.92	1.78	0
United States	11.45	18.36	4.74	11.81	18.84	4.97
Uruguay	16.04	26.01	6.74	16.11	26.12	6.76
Venezuela	3.24	5.26	1.20	4.03	6.57	1.41
Virgin Islands (UK)	0	0	0	0	0	0
Virgin Islands (US)	7.29	12.69	2.43	7.29	12.69	2.43



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